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Census of Agriculture

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Massachusetts
State and County Data

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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/.

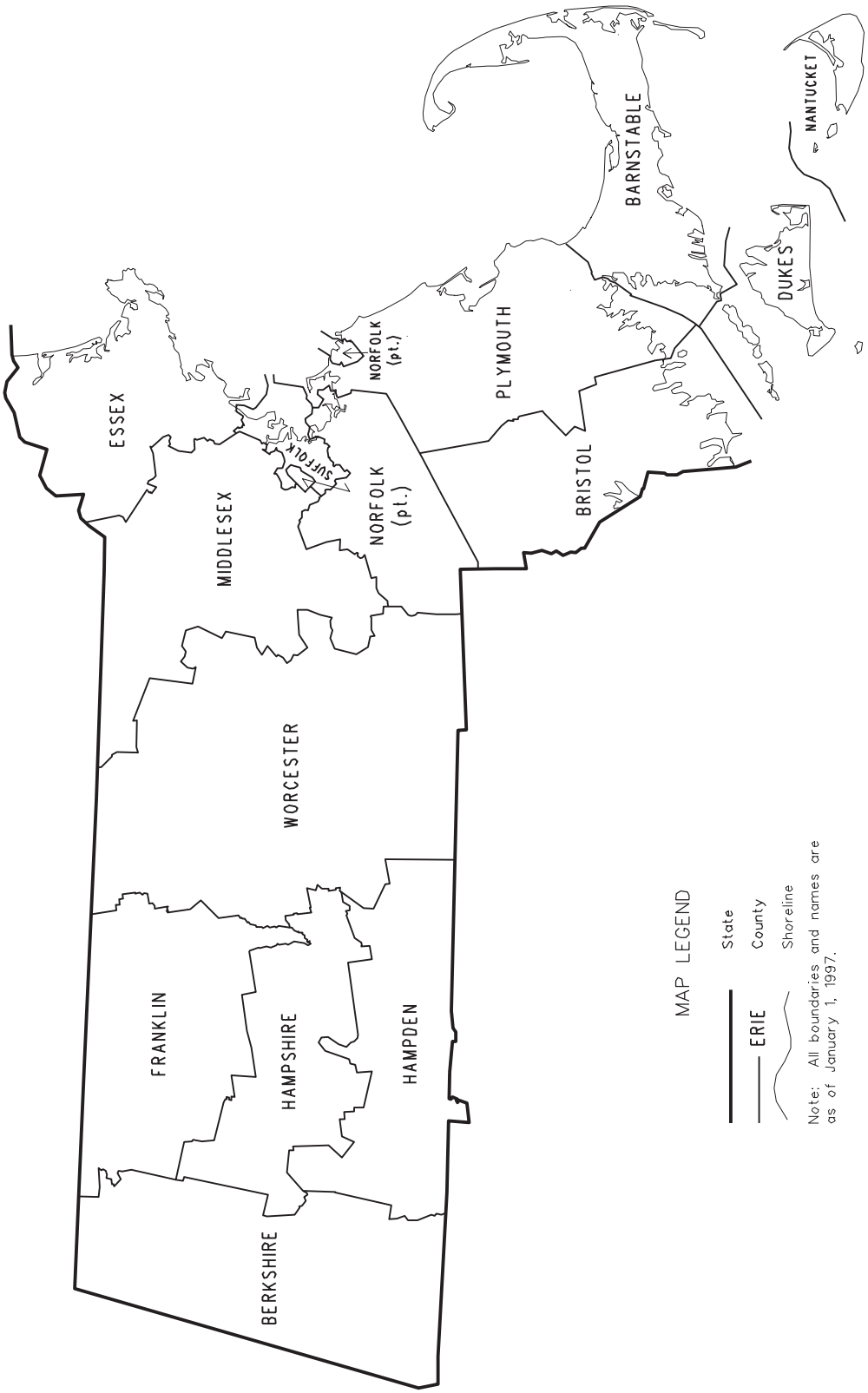
ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

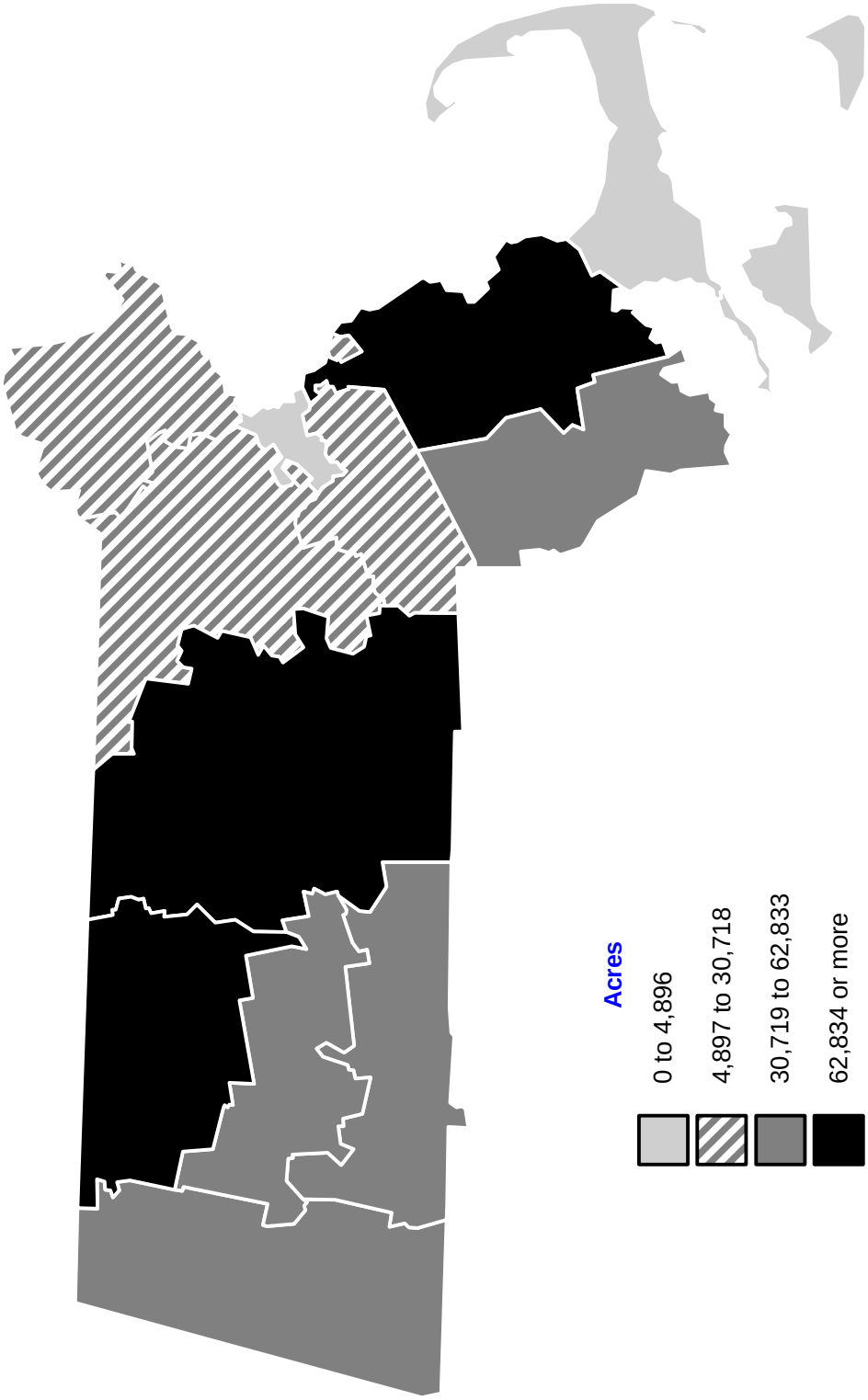
- Represents zero.
(D) Withheld to avoid disclosing data for individual farms.

USDA, National Agricultural Statistics Service

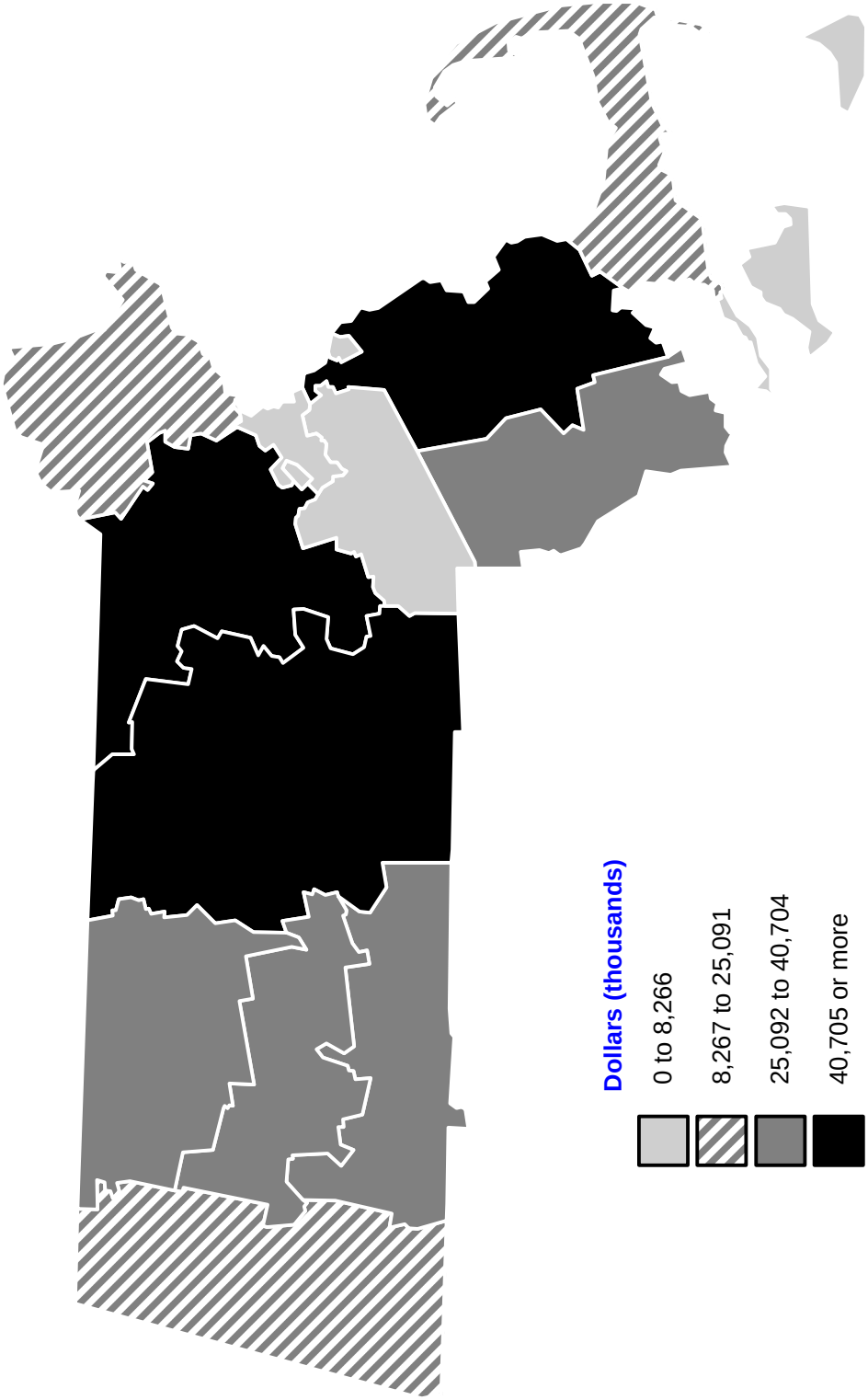
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(IC)	Independent city.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.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


ESSEX
MIDDLESEX
SUFFOLK
NORFOLK (pt.)
NORFOLK (pt.)
PLYMOUTH
BARNSTABLE
NANTUCKET
DUKES
BRISTOL
WORCESTER
FRANKLIN
HAMPSHIRE
HAMPDEN
BERKSHIRE
MAP LEGEND
State
County
Shoreline
ERIE
Note: All boundaries and names are as of January 1, 1997.

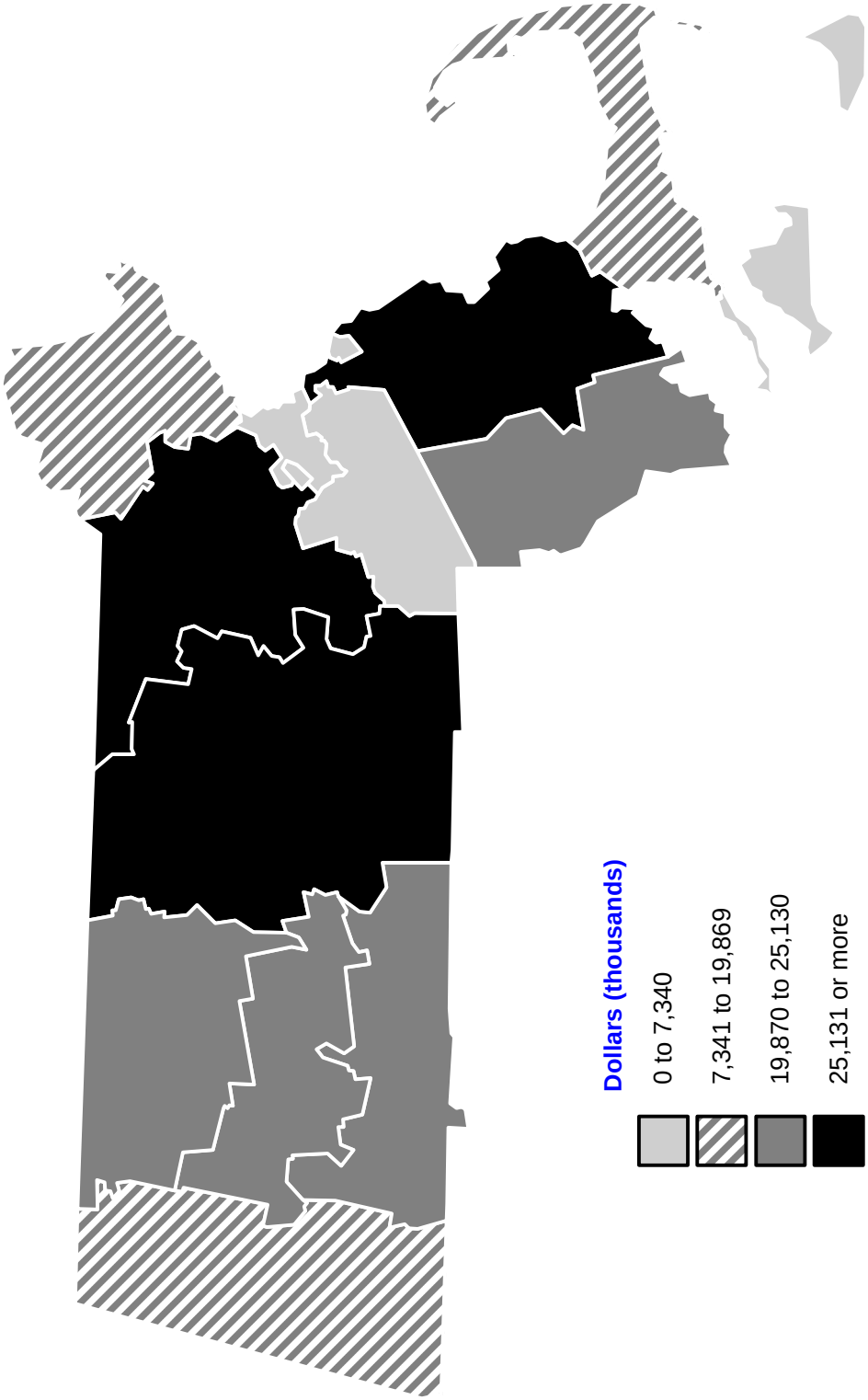
Map 1. Land in Farms by County: 1997



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

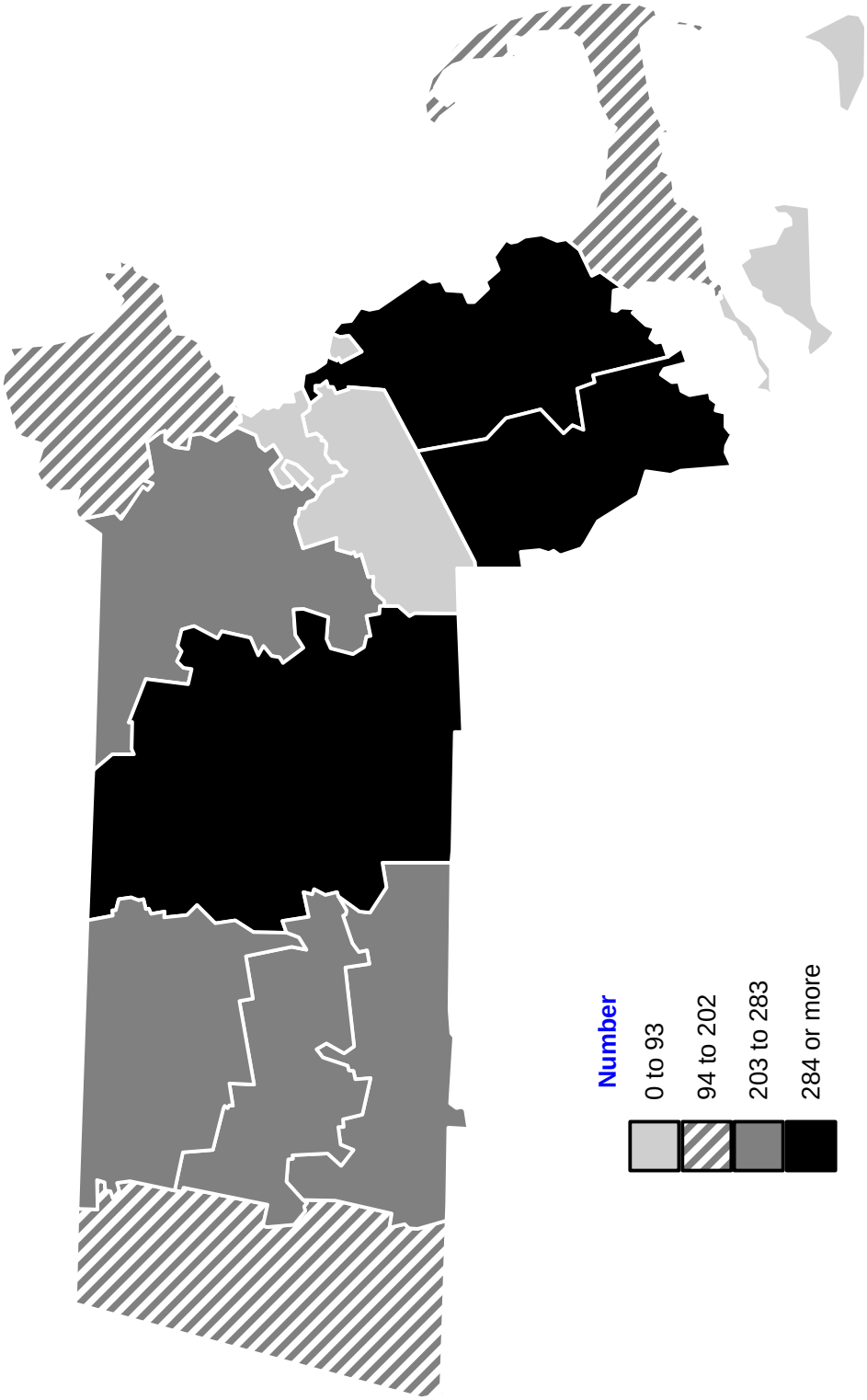


Figure 1. **Profile of the State's Agriculture: 1997**

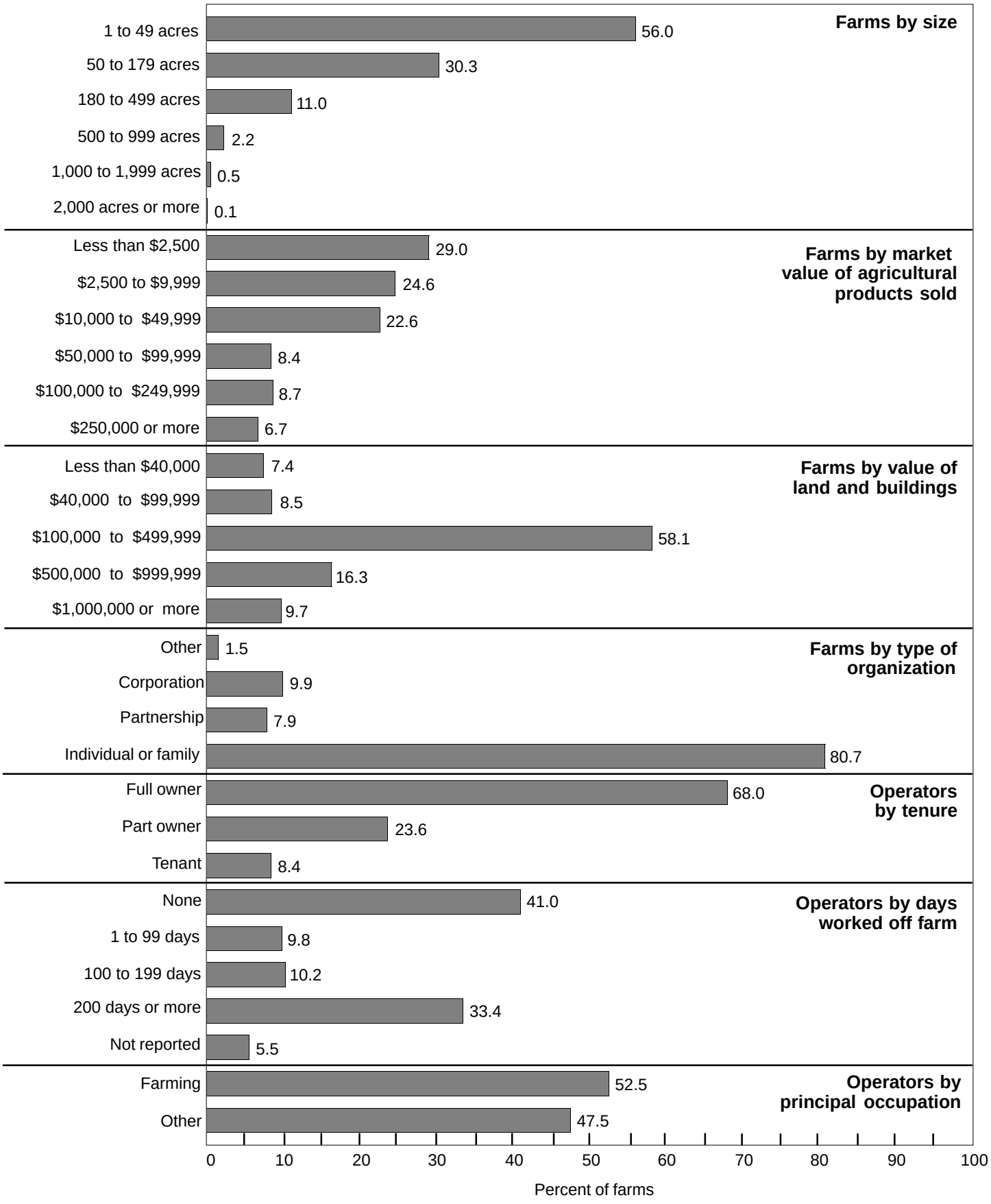


Figure 2. **Percent of Farms and of Market Value of Agricultural Products Sold: 1997**

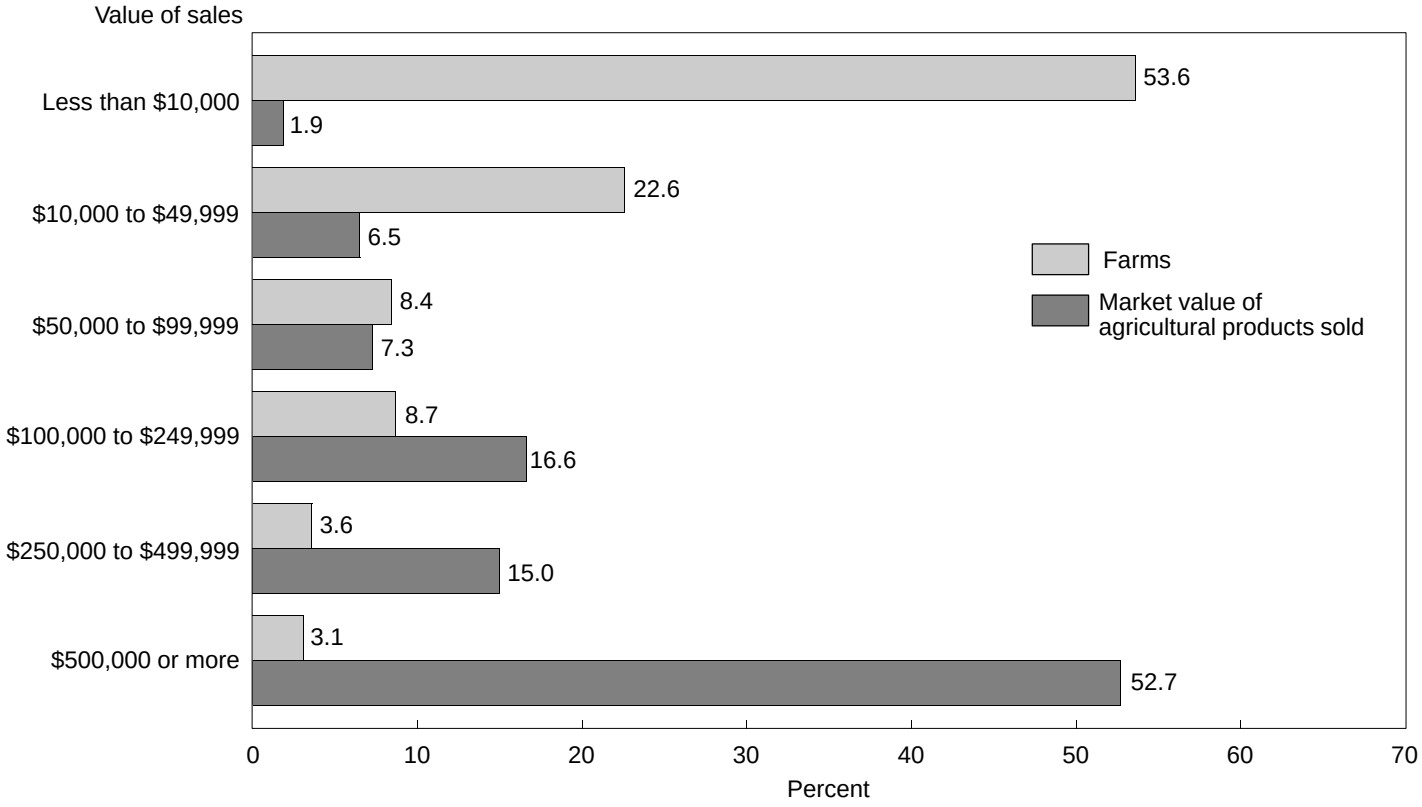


Figure 3. **Farms by Market Value of Agricultural Products Sold: 1969 to 1997**

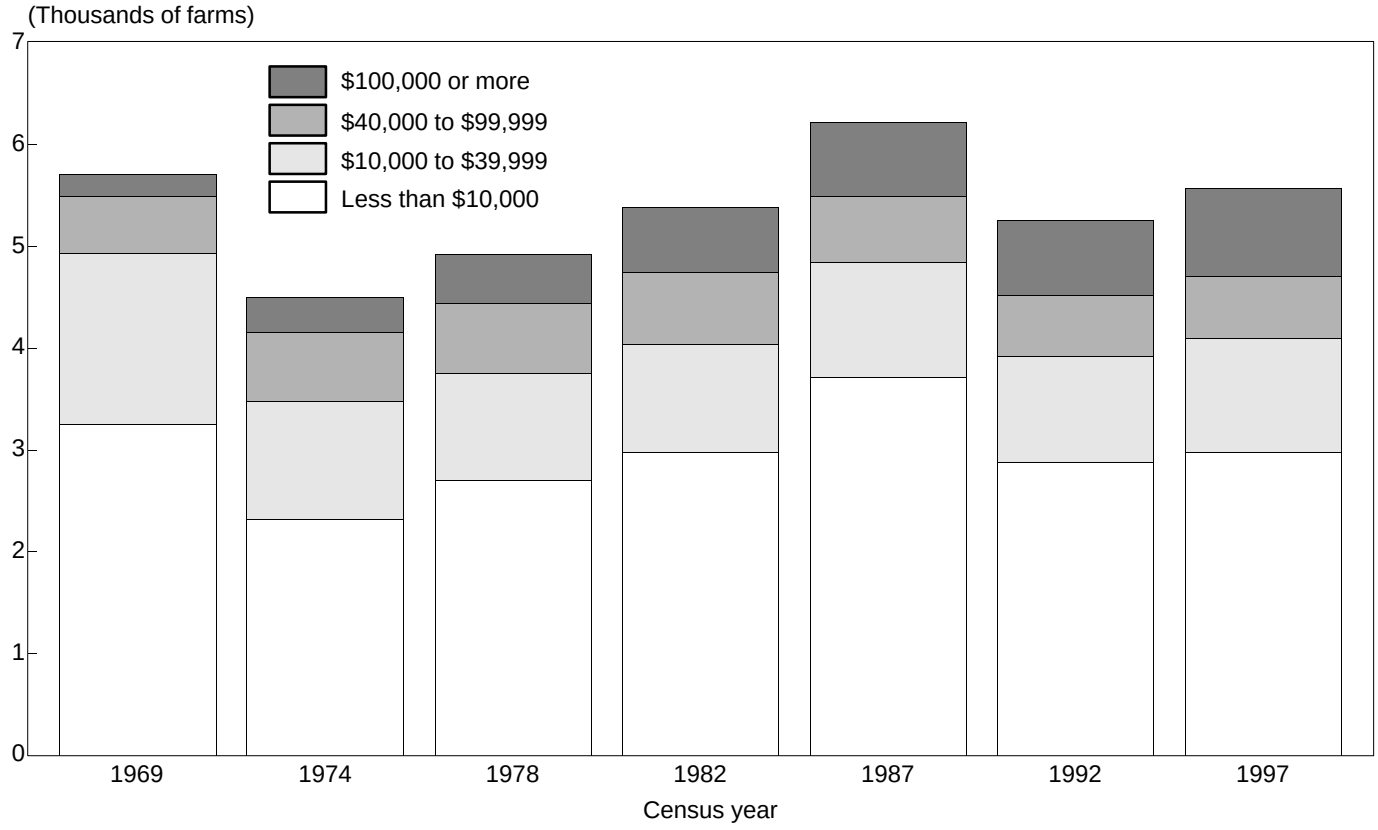


Figure 4. **Land Use: 1997**

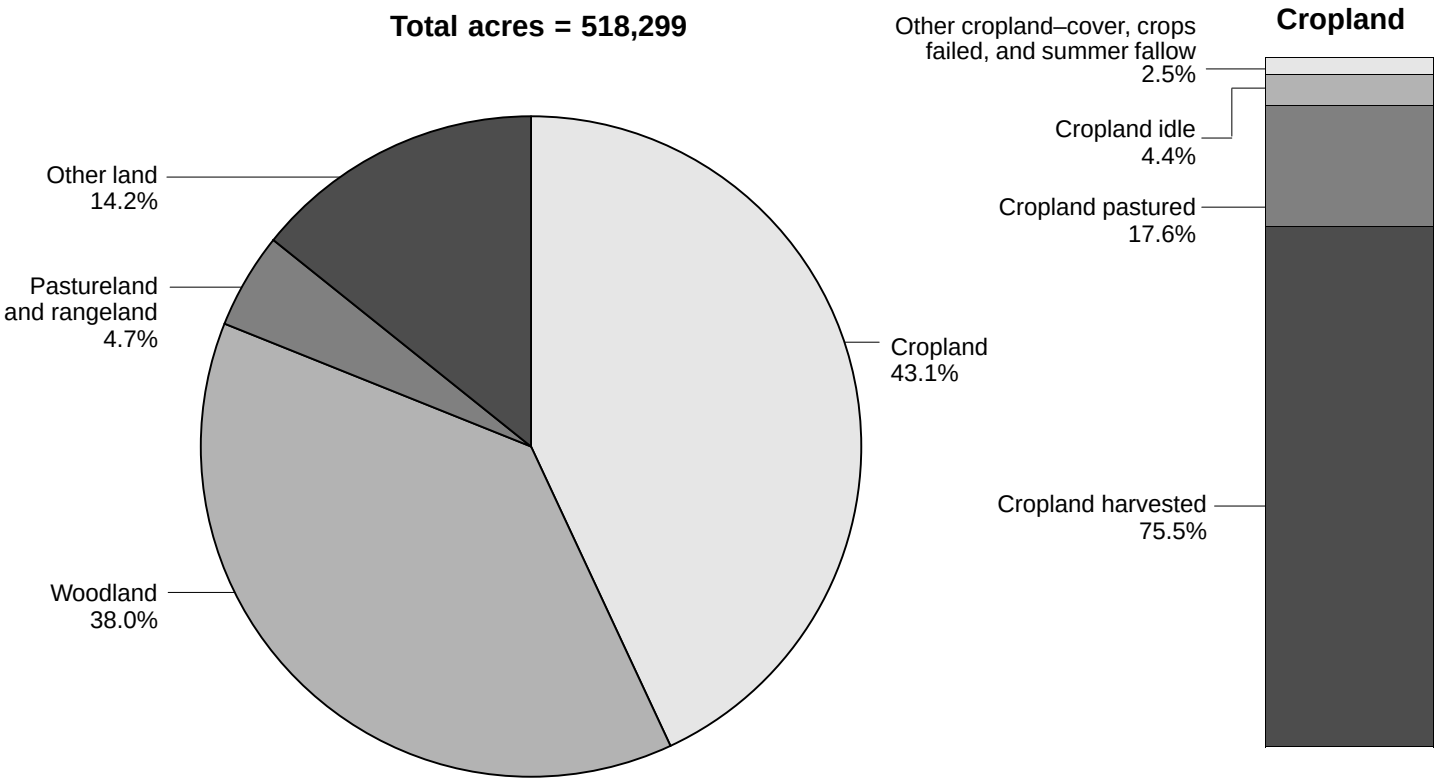


Figure 5. **Selected Crops Harvested: 1997**

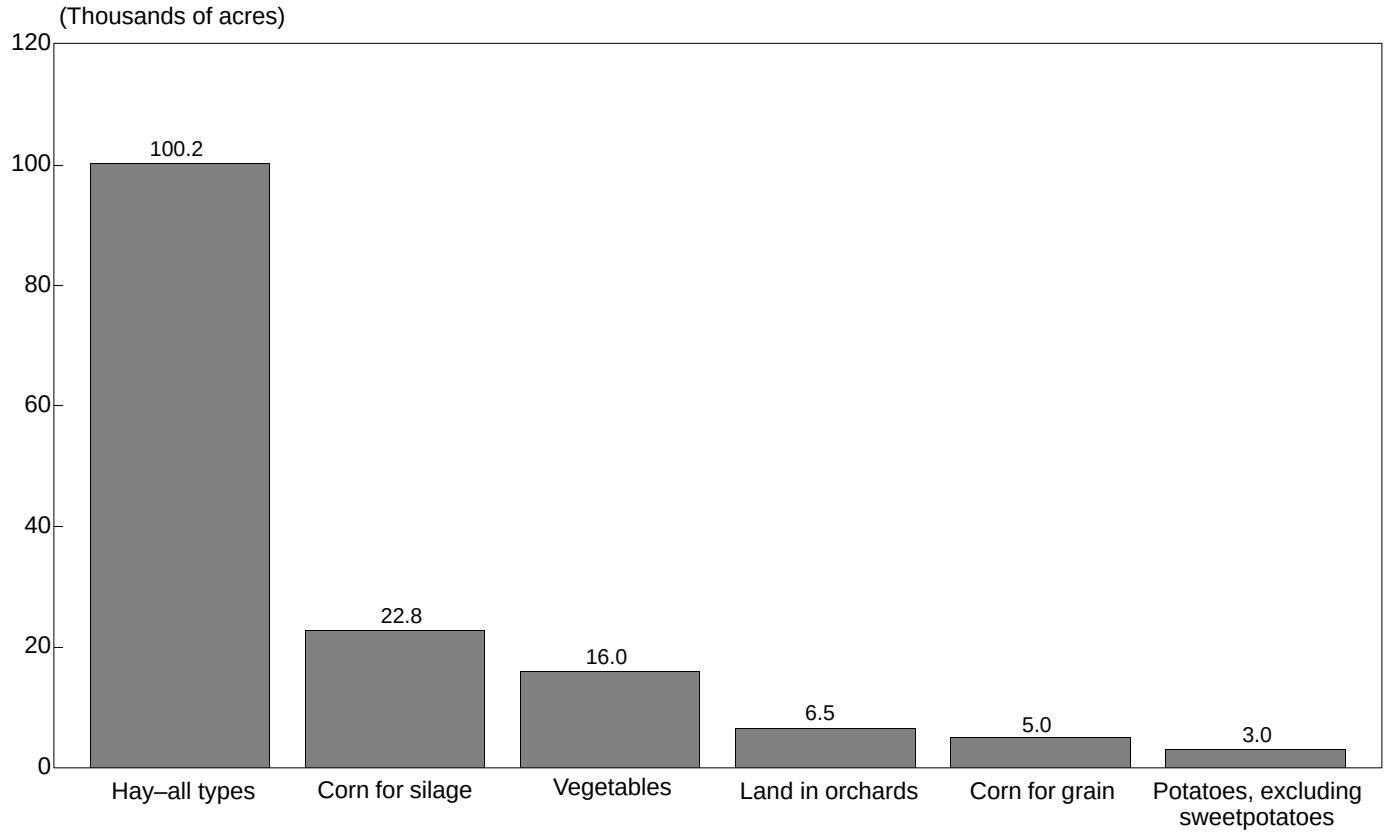


Figure 6. **Value of Livestock, Poultry, and Their Products Sold: 1997**

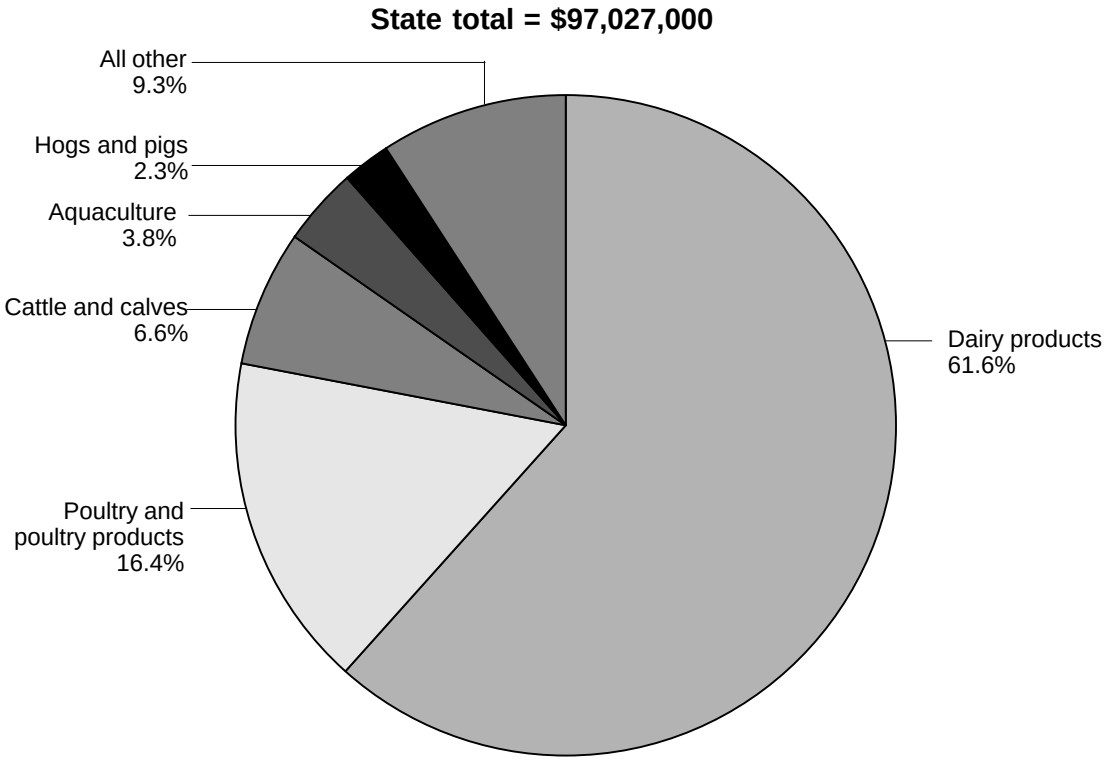


Figure 7. **Production Expenses: 1997**

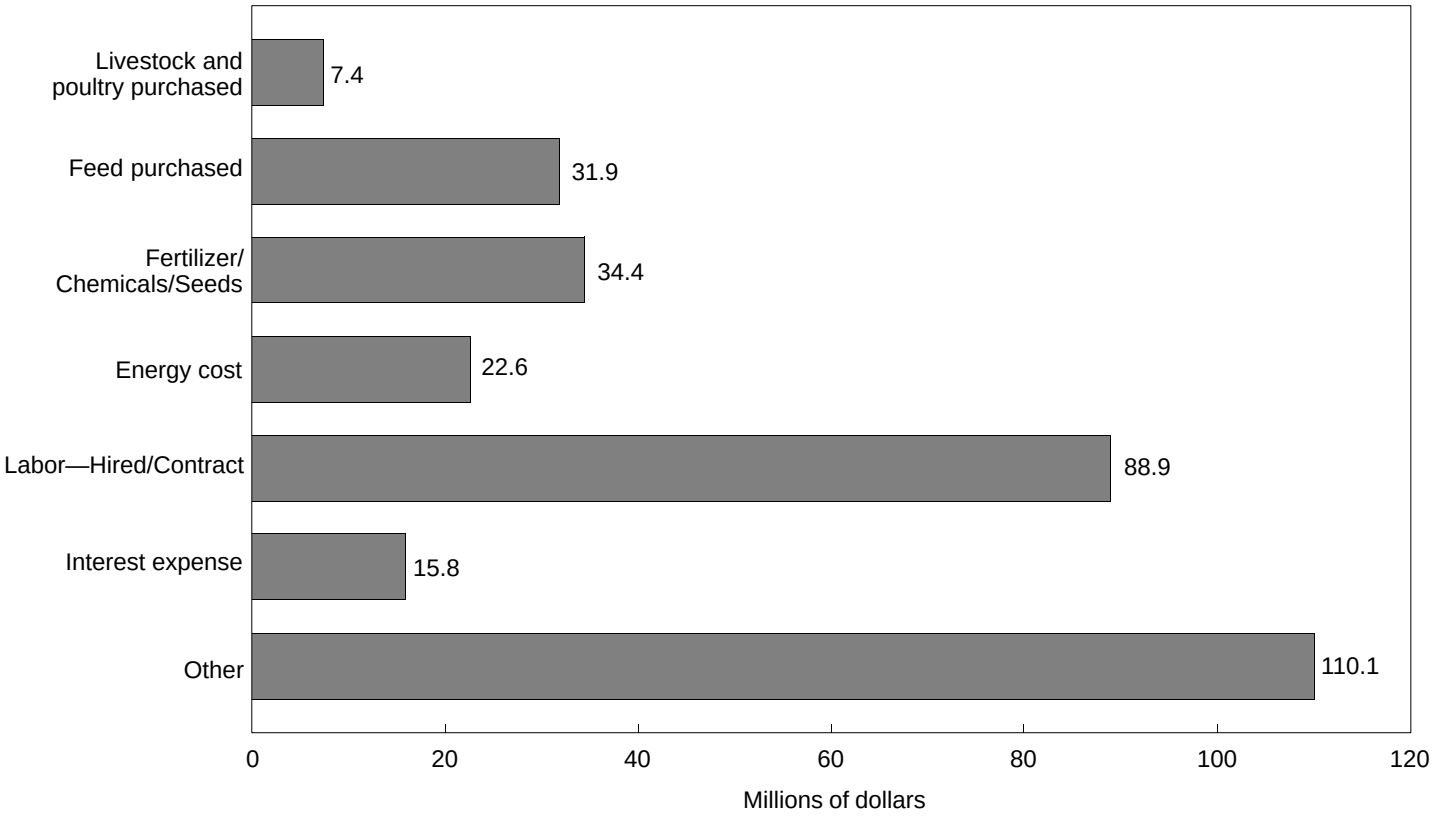


Table 1. **Historical Highlights: 1997 and Earlier Census Years**

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

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Farms ..... number..	5 574	5 258	6 216	5 401	4 946	4 497	5 703	8 019
Land in farms ..... acres..	518 299	526 440	615 185	612 819	617 359	601 734	700 578	901 789
Average size of farm ..... acres..	93	100	99	113	125	134	123	113
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	455 014	460 410	346 530	205 677	183 339	128 535	69 362	43 492
Average per acre ..... dollars..	5 207	4 898	3 553	1 963	1 443	961	565	386
Estimated market value of all machinery and equipment[1]. $1,000..	225 043	191 141	198 868	153 346	121 137	84 637	48 237	(NA)
Average per farm ..... dollars..	40 395	36 359	32 039	28 429	24 507	19 729	8 746	(NA)
Farms by size:								
1 to 9 acres	1 254	1 044	1 105	920	798	627	859	1 508
10 to 49 acres	1 865	1 738	2 125	1 652	1 399	1 185	1 622	2 301
50 to 179 acres	1 690	1 667	2 016	1 814	1 698	1 637	2 039	2 680
180 to 499 acres	614	654	813	856	883	876	987	1 298
500 to 999 acres	121	121	126	130	137	142	156	190
1,000 to 1,999 acres	26	29	26	21	25	21	33	33
2,000 acres or more	4	5	5	8	6	9	7	9
Total cropland ..... farms..	4 990	4 853	5 654	4 941	4 645	4 212	5 168	7 101
acres..	223 573	235 284	272 588	265 866	276 686	257 033	280 455	347 833
Harvested cropland ..... farms..	4 587	4 417	5 084	4 608	4 397	4 032	4 669	6 498
acres..	168 765	173 255	194 874	197 769	197 405	188 015	189 635	234 443
Irrigated land ..... farms..	1 630	1 336	1 316	1 000	966	879	925	1 229
acres..	24 564	19 909	20 158	17 331	16 753	18 512	18 850	24 178
Market value of agricultural products sold[2] ..... $1,000..	454 404	350 639	340 464	281 436	211 994	179 653	138 650	138 543
Average per farm ..... dollars..	81 522	66 687	54 772	52 108	42 862	39 950	24 312	17 277
Crops, including nursery and greenhouse crops... $1,000..	357 377	255 138	215 855	139 428	100 079	86 453	61 859	54 925
Livestock, poultry, and their products ..... $1,000..	97 027	95 500	124 609	142 008	111 915	92 464	76 360	82 727
Farms by value of sales[3]:								
Less than $2,500	1 616	1 572	2 167	1 622	1 338	1 354	2 132	2 825
$2,500 to $4,999	664	656	830	706	730	444	481	853
$5,000 to $9,999	707	655	720	655	636	498	600	1 166
$10,000 to $24,999	753	696	770	690	677			
$25,000 to $49,999	507	476	494	526	552	1 840	2 239	2 978
$50,000 to $99,999	468	462	515	544	506			
$100,000 to $499,999	687	627	623	570	438	297	195	156
$500,000 or more	172	114	97	71	49	47	20	
Farms by type of organization:								
Individual or family (sole proprietorship)	4 496	4 232	5 124	4 541	4 087	(NA)	(NA)	(NA)
Partnership	443	401	481	377	439	(NA)	(NA)	(NA)
Corporation	554	549	544	413	358	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	81	76	67	70	62	(NA)	(NA)	(NA)
Operators by days worked off farm[4]:								
None	2 285	2 239	2 371	2 121	2 197	1 672	(NA)	(NA)
Any	2 980	2 695	3 516	2 897	2 520	1 815	2 892	3 523
200 days or more	1 864	1 666	2 283	1 838	1 623	1 157	1 931	2 237
Operators by principal occupation[4]:								
Farming	2 927	2 926	3 174	2 941	2 852	2 560	(NA)	(NA)
Other	2 647	2 332	3 042	2 460	2 094	1 604	(NA)	(NA)
Average age of operator[4] ..... years..	54.9	53.8	52.6	51.5	52.5	54.2	53.0	53.6
Total farm production expenses[1] ..... $1,000..	311 068	266 163	251 496	(NA)	(NA)	155 157	115 740	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased ..... $1,000..	7 408	7 374	11 441	11 468	10 950	8 110	7 400	5 805
Feed for livestock and poultry..... $1,000..	31 880	28 422	33 525	47 203	39 491	40 395	27 157	31 489
Commercial fertilizer[5] .... $1,000..	10 273	10 021	8 953	7 155	7 148	5 808	3 531	3 959
Petroleum products ..... $1,000..	14 893	12 906	12 042	16 641	11 733	8 766	4 573	5 078
Hired farm labor ..... $1,000..	81 630	77 337	66 579	43 109	40 380	31 981	27 002	25 640
Interest[6] ..... $1,000..	15 766	14 502	13 788	10 141	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[5] ... $1,000..	8 299	7 616	7 319	4 885	3 882	2 768	2 231	(NA)
Livestock and poultry:								
Cattle and calves inventory ..... farms..	1 420	1 565	2 112	2 311	2 073	1 994	2 226	3 560
number..	61 719	68 331	83 065	102 366	96 951	103 938	103 054	127 197
Beef cows ..... farms..	799	850	1 124	1 071	904	759	(NA)	672
number..	6 858	7 347	9 692	8 176	7 408	7 650	5 928	4 816
Milk cows ..... farms..	483	606	838	1 111	1 156	1 239	1 551	2 780
number..	26 846	30 906	36 913	49 891	49 728	55 328	58 786	79 275
Cattle and calves sold ..... farms..	1 158	1 271	1 725	1 908	1 803	1 745	2 022	3 067
number..	24 849	29 839	39 668	47 034	51 782	48 032	59 974	84 203
Hogs and pigs inventory ... farms..	383	404	498	619	628	465	307	606
number..	18 297	16 439	25 816	39 570	54 586	43 229	55 975	82 025
Hogs and pigs sold..... farms..	269	296	387	451	435	309	224	381
number..	23 636	25 564	40 048	44 391	61 181	52 681	56 879	86 696
Layers and pullets 13 weeks old and older inventory (see text)[7]..... farms..	510	535	738	727	685	577	803	1 615
number..	682 853	544 401	1 502 202	1 276 406	1 465 853	1 956 434	2 673 382	2 806 439
Broilers and other meat-type chickens sold ..... farms..	41	45	37	48	41	31	58	120
number..	(D)	125 283	(D)	162 904	163 218	301 430	1 577 680	4 407 220

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..	99	111	152	165	182	138	126	150
acres..	4 951	4 893	5 681	6 077	4 634	3 022	2 012	1 388
bushels..	590 748	488 921	626 829	591 680	401 871	232 727	168 547	94 690
Tobacco ..... farms..	68	27	21	46	44	51	74	157
acres..	1 176	400	458	352	1 078	1 568	2 420	3 057
pounds..	1 881 034	624 961	618 971	574 990	1 536 802	(D)	3 135 613	5 108 175
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	2 168	2 269	2 874	2 663	2 520	2 191	2 642	(NA)
acres..	100 218	103 596	121 498	116 729	118 929	110 327	112 814	160 884
tons, dry..	181 885	213 589	250 559	241 584	244 457	225 714	228 343	254 703
Vegetables harvested for sale (see text)[8] ..... farms..	935	995	1 008	1 011	968	931	1 005	1 319
acres..	16 039	16 577	16 325	15 307	14 812	15 422	15 626	16 611
Land in orchards..... farms..	431	525	572	489	426	366	412	633
acres..	6 546	7 848	9 379	9 332	8 111	9 366	10 487	11 283

[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.
[8]Data for 1974 were from land area used.

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	5 574	100.0	5 258	6 216
	$1,000	454 404	100.0	350 639	340 464
Average per farm	dollars	81 522	(X)	66 687	54 772
Value of sales:					
Less than $1,000 (see text)	farms	895	16.1	896	1 133
	$1,000	232	.1	243	254
$1,000 to $2,499	farms	721	12.9	676	1 034
	$1,000	1 173	.3	1 095	1 642
$2,500 to $4,999	farms	664	11.9	656	830
	$1,000	2 371	.5	2 322	2 911
$5,000 to $9,999	farms	707	12.7	655	720
	$1,000	5 006	1.1	4 648	4 961
$10,000 to $19,999	farms	600	10.8	524	591
	$1,000	8 321	1.8	7 265	8 193
$20,000 to $24,999	farms	153	2.7	172	179
	$1,000	3 347	.7	3 793	3 941
$25,000 to $39,999	farms	358	6.4	348	356
	$1,000	11 351	2.5	10 886	11 233
$40,000 to $49,999	farms	149	2.7	128	138
	$1,000	6 554	1.4	5 695	6 162
$50,000 to $99,999	farms	468	8.4	462	515
	$1,000	33 299	7.3	32 826	36 797
$100,000 to $249,999	farms	484	8.7	457	475
	$1,000	74 923	16.5	70 812	73 705
$250,000 to $499,999	farms	203	3.6	170	148
	$1,000	68 337	15.0	58 495	50 202
$500,000 to $999,999	farms	98	1.8	67	53
	$1,000	66 596	14.7	45 469	34 959
$1,000,000 or more	farms	74	1.3	47	44
	$1,000	172 892	38.0	107 090	105 504
$1,000,000 to $2,499,999	farms	53	1.0	36	(NA)
	$1,000	76 085	16.7	53 305	(NA)
$2,500,000 to $4,999,999	farms	16	.3	7	(NA)
	$1,000	51 193	11.3	24 227	(NA)
$5,000,000 or more	farms	5	.1	4	(NA)
	$1,000	45 614	10.0	29 558	(NA)
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	4 029	72.3	3 562	3 820
	$1,000	357 377	78.6	255 138	215 855
Grains	farms	81	1.5	67	78
	$1,000	1 310	.3	907	785
Corn for grain	farms	58	1.0	49	67
	$1,000	1 180	.3	885	729
Wheat	farms	–	–	2	3
	$1,000	–	–	(D)	(D)
Soybeans	farms	5	.1	–	–
	$1,000	(D)	(Z)	–	–
Sorghum for grain	farms	–	–	–	–
	$1,000	–	–	–	–
Barley	farms	–	–	2	–
	$1,000	–	–	(D)	–
Oats	farms	2	(Z)	7	5
	$1,000	(D)	(Z)	6	(D)
Other grains	farms	23	.4	12	7
	$1,000	76	(Z)	15	39
Cotton and cottonseed	farms	–	–	–	–
	$1,000	–	–	–	–
Tobacco	farms	68	1.2	27	21
	$1,000	23 807	5.2	6 678	4 587
Hay, silage, and field seeds	farms	1 435	25.7	1 393	1 569
	$1,000	11 056	2.4	9 771	7 803
Vegetables, sweet corn, and melons	farms	931	16.7	994	1 007
	$1,000	37 438	8.2	26 984	25 179
Fruits, nuts, and berries	farms	1 142	20.5	1 160	1 186
	$1,000	148 247	32.6	118 339	92 349
Nursery and greenhouse crops	farms	1 375	24.7	920	824
	$1,000	128 192	28.2	88 018	80 867
Other crops	farms	300	5.4	116	114
	$1,000	7 326	1.6	4 440	4 285
Livestock, poultry, and their products	farms	2 089	37.5	2 214	2 932
	$1,000	97 027	21.4	95 500	124 609
Poultry and poultry products	farms	375	6.7	396	498
	$1,000	15 900	3.5	12 298	23 149
Dairy products	farms	353	6.3	475	609
	$1,000	59 773	13.2	60 430	63 309
Cattle and calves	farms	1 158	20.8	1 271	1 725
	$1,000	6 424	1.4	10 070	11 297
Hogs and pigs	farms	269	4.8	296	387
	$1,000	2 265	.5	2 342	4 220
Sheep, lambs, and wool	farms	396	7.1	466	563
	$1,000	475	.1	557	884
Other livestock and livestock products (see text)	farms	557	10.0	546	722
	$1,000	12 190	2.7	9 802	21 749
Value of agricultural products sold directly to individuals for human consumption (see text)[1]	farms	1 226	22.0	1 080	(NA)
	$1,000	19 825	4.4	14 982	(NA)
Average per farm	dollars	16 170	(X)	13 872	(NA)
Value of sales:					
$1 to $499	farms	234	4.2	219	(NA)
	$1,000	47	(Z)	47	(NA)
$500 to $999	farms	172	3.1	153	(NA)
	$1,000	117	(Z)	101	(NA)
$1,000 to $4,999	farms	406	7.3	359	(NA)
	$1,000	934	.2	807	(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..	136	2.4	122	(NA)
$1,000..	915	.2	844	(NA)
$10,000 to $24,999 ..... farms..	118	2.1	121	(NA)
$1,000..	1 805	.4	1 797	(NA)
$25,000 to $49,999 ..... farms..	65	1.2	41	(NA)
$1,000..	2 283	.5	1 327	(NA)
$50,000 or more ..... farms..	95	1.7	65	(NA)
$1,000..	13 723	3.0	10 059	(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..	5 565	(X)	5 258	6 216
$1,000..	(X)	311 068	266 163	251 496
Average per farm ..... dollars..	(X)	55 897	50 621	40 460
Farms with expenses of—				
$1 to $4,999	1 619	4 570	1 583	2 401
$5,000 to $9,999	1 243	9 044	1 198	1 307
$10,000 to $24,999	1 134	17 739	1 039	1 038
$25,000 to $49,999	562	19 875	492	526
$50,000 to $99,999	486	35 239	429	500
$100,000 to $249,999	276	45 492	321	281
$250,000 to $499,999	142	50 222	111	98
$500,000 or more	103	128 889	85	65
$500,000 to $999,999	61	41 807	57	(NA)
$1,000,000 to $2,499,999	33	49 474	20	(NA)
$2,500,000 or more	9	37 608	8	(NA)
Livestock and poultry purchased ..... farms..	1 075	(X)	1 257	1 559
$1,000..	(X)	7 408	7 374	11 441
percent of total..	(X)	2.4	2.8	4.5
Farms with expenses of—				
$1 to $999	543	183	650	739
$1,000 to $4,999	288	648	334	499
$5,000 to $9,999	124	820	108	111
$10,000 to $24,999	56	791	104	131
$25,000 to $49,999	35	1 159	30	52
$50,000 to $99,999	17	1 172	21	12
$100,000 to $249,999	8	(D)	7	12
$250,000 or more	4	(D)	3	3
$250,000 to $499,999	4	(D)	3	(NA)
$500,000 to $999,999	–	–	–	(NA)
$1,000,000 or more	–	–	–	(NA)
Feed for livestock and poultry ..... farms..	2 161	(X)	2 202	2 893
$1,000..	(X)	31 880	28 422	33 525
percent of total..	(X)	10.2	10.7	13.3
Farms with expenses of—				
$1 to $999	778	324	890	1 340
$1,000 to $4,999	812	1 660	745	790
$5,000 to $9,999	92	616	94	205
$10,000 to $24,999	149	2 258	165	243
$25,000 to $49,999	187	6 495	151	168
$50,000 to $99,999	72	5 109	99	103
$100,000 or more	71	15 418	58	44
$100,000 to $249,999	58	8 527	50	(NA)
$250,000 to $499,999	9	2 734	5	(NA)
$500,000 to $999,999	2	(D)	3	(NA)
$1,000,000 or more	2	(D)	–	(NA)
Commercially mixed formula feeds ..... farms..	1 492	(X)	1 226	1 552
$1,000..	(X)	23 392	19 940	26 256
percent of total..	(X)	7.5	7.5	10.4
Farms with expenses of—				
$1 to $999	618	228	468	707
$1,000 to $4,999	398	757	336	285
$5,000 to $9,999	82	584	57	115
$10,000 to $24,999	156	2 230	144	207
$25,000 to $49,999	120	4 068	107	129
$50,000 to $79,999	53	3 315	54	63
$80,000 or more	65	12 211	60	46
$80,000 to $99,999	19	1 692	21	(NA)
$100,000 to $249,999	38	5 600	33	(NA)
$250,000 to $499,999	5	1 546	3	(NA)
$500,000 or more	3	3 373	3	(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		1992	1987
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
Seeds, bulbs, plants, and trees ..... farms..	2 422	(X)	1 924	2 429
$1,000..	(X)	15 829	10 327	6 227
percent of total..	(X)	5.1	3.9	2.5
Farms with expenses of—				
$1 to $499	1 035	182	897	1 256
$500 to $999	406	267	284	395
$1,000 to $4,999	603	1 272	478	618
$5,000 to $9,999	154	1 040	122	63
$10,000 to $24,999	128	1 784	77	58
$25,000 or more	96	11 284	66	39
$25,000 to $49,999	47	1 491	29	(NA)
$50,000 or more	49	9 792	37	(NA)
Commercial fertilizer ..... farms..	3 478	(X)	3 481	3 858
$1,000..	(X)	10 273	10 021	8 953
percent of total..	(X)	3.3	3.8	3.6
Farms with expenses of—				
$1 to $499	1 470	296	1 580	1 793
$500 to $999	681	474	446	555
$1,000 to $4,999	910	1 909	997	1 072
$5,000 to $9,999	190	1 252	224	249
$10,000 to $24,999	153	2 224	160	149
$25,000 to $49,999	49	1 657	52	28
$50,000 to $99,999	18	1 257	18	7
$100,000 or more	7	1 203	4	5
Agricultural chemicals ..... farms..	2 425	(X)	2 337	3 027
$1,000..	(X)	8 299	7 616	7 319
percent of total..	(X)	2.7	2.9	2.9
Farms with expenses of—				
$1 to $499	1 057	204	1 025	1 530
$500 to $999	411	277	370	479
$1,000 to $4,999	655	1 458	615	710
$5,000 to $9,999	131	874	174	156
$10,000 to $24,999	111	1 692	100	108
$25,000 to $49,999	37	1 221	31	29
$50,000 or more	23	2 572	22	15
$50,000 to $99,999	19	1 361	16	(NA)
$100,000 or more	4	1 211	6	(NA)
Petroleum products ..... farms..	5 245	(X)	4 883	5 859
$1,000..	(X)	14 893	12 906	12 042
percent of total..	(X)	4.8	4.8	4.8
Farms with expenses of—				
$1 to $999	3 194	1 068	2 708	3 669
$1,000 to $4,999	1 471	3 274	1 659	1 769
$5,000 to $9,999	303	2 049	257	232
$10,000 to $24,999	195	2 901	199	137
$25,000 to $49,999	45	1 510	38	32
$50,000 or more	37	4 091	22	20
Electricity ..... farms..	3 690	(X)	3 674	4 286
$1,000..	(X)	7 715	7 221	5 959
percent of total..	(X)	2.5	2.7	2.4
Farms with expenses of—				
$1 to $499	1 753	349	1 921	2 490
$500 to $999	546	363	544	661
$1,000 to $4,999	1 029	2 179	896	895
$5,000 to $9,999	191	1 306	181	159
$10,000 to $24,999	141	1 944	99	66
$25,000 or more	30	1 575	33	15
$25,000 to $49,999	18	585	23	(NA)
$50,000 or more	12	990	10	(NA)
Hired farm labor ..... farms..	2 188	(X)	1 847	2 185
$1,000..	(X)	81 630	77 337	66 579
percent of total..	(X)	26.2	29.1	26.5
Farms with expenses of—				
$1 to $999	626	248	459	624
$1,000 to $4,999	470	1 195	414	471
$5,000 to $9,999	211	1 390	177	211
$10,000 to $24,999	342	5 452	272	406
$25,000 to $49,999	215	7 528	229	243
$50,000 to $99,999	156	10 577	141	119
$100,000 or more	168	55 239	155	111
$100,000 to $249,999	109	17 256	94	(NA)
$250,000 to $499,999	35	11 795	38	(NA)
$500,000 or more	24	26 189	23	(NA)
Contract labor ..... farms..	690	(X)	775	1 025
$1,000..	(X)	7 276	6 406	7 906
percent of total..	(X)	2.3	2.4	3.1
Farms with expenses of—				
$1 to $999	221	103	208	408
$1,000 to $4,999	233	597	339	332
$5,000 to $9,999	86	627	92	103
$10,000 to $24,999	74	1 052	79	128
$25,000 to $49,999	43	1 475	33	20
$50,000 or more	33	3 422	24	34
$50,000 to $99,999	23	1 515	14	(NA)
$100,000 or more	10	1 907	10	(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	Expenses ($1,000)	1992	1987
Total farm production expenses—Con.				
Repair and maintenance ..... farms..	4 716	(X)	4 506	5 222
$1,000..	(X)	22 779	18 080	16 873
percent of total..	(X)	7.3	6.8	6.7
Farms with expenses of—				
$1 to $999	1 968	817	1 695	2 466
$1,000 to $4,999	1 911	4 232	1 963	1 887
$5,000 to $9,999	319	2 070	433	508
$10,000 to $24,999	378	5 551	304	277
$25,000 to $49,999	98	3 193	82	55
$50,000 or more	42	6 917	29	29
$50,000 to $99,999	28	1 826	20	(NA)
$100,000 or more	14	5 091	9	(NA)
Customwork, machine hire, and rental of machinery and equipment ..... farms..	1 061	(X)	1 072	1 276
$1,000..	(X)	7 089	4 035	3 570
percent of total..	(X)	2.3	1.5	1.4
Farms with expenses of—				
$1 to $999	530	204	527	781
$1,000 to $4,999	286	591	360	362
$5,000 to $9,999	105	714	115	82
$10,000 to $24,999	81	1 111	45	33
$25,000 to $49,999	33	1 140	16	8
$50,000 or more	26	3 330	9	10
Interest ..... farms..	1 580	(X)	1 604	1 981
$1,000..	(X)	15 766	14 502	13 788
percent of total..	(X)	5.1	5.4	5.5
Farms with expenses of—				
$1 to $999	230	86	351	531
$1,000 to $4,999	670	1 686	692	864
$5,000 to $9,999	276	1 931	228	283
$10,000 to $24,999	286	4 250	213	202
$25,000 to $49,999	64	2 135	84	59
$50,000 to $99,999	31	2 161	23	29
$100,000 or more	23	3 518	13	13
Interest paid on debt:				
Secured by real estate ..... farms..	1 193	(X)	1 199	1 410
$1,000..	(X)	13 039	11 690	10 563
percent of total..	(X)	4.2	4.4	4.2
Farms with expenses of—				
$1 to $999	108	42	242	(NA)
$1,000 to $4,999	520	1 289	477	(NA)
$5,000 to $9,999	234	1 675	193	(NA)
$10,000 to $24,999	234	3 527	195	(NA)
$25,000 to $49,999	52	1 706	66	(NA)
$50,000 to $99,999	25	1 685	18	(NA)
$100,000 or more	20	3 116	8	(NA)
Not secured by real estate ..... farms..	628	(X)	751	950
$1,000..	(X)	2 727	2 812	3 225
percent of total..	(X)	.9	1.1	1.3
Farms with expenses of—				
$1 to $999	203	80	263	(NA)
$1,000 to $4,999	295	686	380	(NA)
$5,000 to $9,999	70	452	58	(NA)
$10,000 to $24,999	42	604	26	(NA)
$25,000 to $49,999	12	440	18	(NA)
$50,000 to $99,999	6	464	4	(NA)
$100,000 or more	–	–	2	(NA)
Cash rent ..... farms..	900	(X)	1 047	1 092
$1,000..	(X)	6 393	4 873	3 848
percent of total..	(X)	2.1	1.8	1.5
Farms with expenses of—				
$1 to $499	291	70	374	299
$500 to $999	133	89	124	207
$1,000 to $4,999	285	619	354	412
$5,000 to $9,999	77	526	86	86
$10,000 to $24,999	68	976	82	65
$25,000 to $49,999	26	863	9	11
$50,000 or more	20	3 249	18	12
Property taxes paid ..... farms..	5 138	(X)	4 840	5 817
$1,000..	(X)	19 915	16 695	15 219
percent of total..	(X)	6.4	6.3	6.1
Farms with expenses of—				
$1 to $499	691	144	762	891
$500 to $999	424	303	404	845
$1,000 to $4,999	3 102	7 834	2 867	3 504
$5,000 to $9,999	601	3 881	551	397
$10,000 to $24,999	253	3 767	197	150
$25,000 or more	67	3 985	59	30
All other farm production expenses ..... farms..	5 081	(X)	4 747	5 700
$1,000..	(X)	53 923	40 348	38 248
percent of total..	(X)	17.3	15.2	15.2
Farms with expenses of—				
$1 to $999	2 126	912	2 151	2 757
$1,000 to $4,999	1 750	3 580	1 570	1 937
$5,000 to $9,999	408	2 779	323	371
$10,000 to $24,999	441	6 760	406	373
$25,000 to $49,999	157	5 380	133	143
$50,000 to $99,999	97	6 446	98	70
$100,000 or more	102	28 067	66	49
$100,000 to $249,999	70	9 710	42	(NA)
$250,000 or more	32	18 357	24	(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..	5 571	2 584	2 987	5 258	2 331	2 927
$1,000..	135 155	147 322	–12 167	77 725	90 451	–12 726
Average per farm ..... dollars..	24 260	57 013	–4 073	14 782	38 803	–4 348
Farms with net gains[1] ..... number..	2 861	2 094	767	2 556	1 883	673
$1,000..	158 941	157 182	1 758	97 366	95 809	1 557
Average per farm ..... dollars..	55 554	75 063	2 293	38 093	50 881	2 314
Gain of—						
Less than $1,000	265	32	233	306	68	238
$1,000 to $4,999	695	260	435	572	229	343
$5,000 to $9,999	394	295	99	405	313	92
$10,000 to $24,999	507	507	–	512	512	–
$25,000 to $49,999	425	425	–	368	368	–
$50,000 or more	575	575	–	393	393	–
Farms with net losses ..... number..	2 710	490	2 220	2 702	448	2 254
$1,000..	23 785	9 860	13 925	19 641	5 358	14 283
Average per farm ..... dollars..	8 777	20 123	6 273	7 269	11 961	6 337
Loss of—						
Less than $1,000	404	45	359	354	53	301
$1,000 to $4,999	904	89	815	1 125	118	1 007
$5,000 to $9,999	830	135	695	698	114	584
$10,000 to $24,999	406	134	272	373	97	276
$25,000 to $49,999	126	53	73	138	58	80
$50,000 or more	40	34	6	14	8	6

[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	401	1 209	314	1 070
	1992	477	1 886	344	1 735
Average per farm[1]	1997	(X)	3 015	(X)	3 407
	1992	(X)	3 953	(X)	5 042
1997 farms with receipts of—					
$1 to $999		186	67	131	49
$1,000 to $4,999		166	406	137	339
$5,000 to $9,999		22	154	22	154
$10,000 to $24,999		20	335	17	282
$25,000 to $49,999		7	246	7	246
$50,000 or more		–	–	–	–
Amount from Conservation Reserve and Wetlands Reserve Programs	1997	71	146	31	62
	1992	39	73	27	55
Average per farm[1]	1997	(X)	2 051	(X)	2 014
	1992	(X)	1 881	(X)	2 026
Other farm-related income, gross before taxes and expenses[2]	1997	1 340	7 773	641	5 866
	1992	1 408	6 416	584	4 337
Average per farm[1]	1997	(X)	5 801	(X)	9 151
	1992	(X)	4 557	(X)	7 427
1997 farms with receipts of—					
$1 to $999		478	183	146	(D)
$1,000 to $4,999		471	1 045	248	492
$5,000 to $9,999		208	1 364	111	765
$10,000 to $24,999		127	1 847	81	1 253
$25,000 to $49,999		35	1 207	34	(D)
$50,000 or more		21	2 127	21	2 127
Customwork and other agricultural services	1997	416	3 484	192	2 983
	1992	506	2 494	181	1 939
Average per farm[1]	1997	(X)	8 374	(X)	15 537
	1992	(X)	4 929	(X)	10 713
1997 farms with receipts of—					
$1 to $999		143	59	31	17
$1,000 to $4,999		145	310	72	138
$5,000 to $9,999		68	451	37	267
$10,000 to $24,999		36	530	28	426
$25,000 to $49,999		6	245	6	245
$50,000 or more		18	1 890	18	1 890
Rental of farmland	1997	254	598	98	258
	1992	276	486	94	254
Average per farm[1]	1997	(X)	2 356	(X)	2 634
	1992	(X)	1 760	(X)	2 706
1997 farms with receipts of—					
$1 to $999		119	(D)	57	31
$1,000 to $4,999		92	166	26	50
$5,000 to $9,999		30	192	4	(D)
$10,000 to $24,999		13	(D)	11	(D)
$25,000 or more		–	–	–	–
Sales of forest products, excluding Christmas trees and maple products[3]	1997	487	1 997	183	1 265
	1992	631	2 478	279	1 621
Average per farm[1]	1997	(X)	4 100	(X)	6 910
	1992	(X)	3 927	(X)	5 811
1997 farms with receipts of—					
$1 to $999		209	90	47	22
$1,000 to $4,999		155	369	59	140
$5,000 to $9,999		69	407	40	240
$10,000 to $24,999		39	517	22	248
$25,000 or more		15	615	15	615
Other farm-related income sources	1997	452	1 695	324	1 360
	1992	321	958	181	522
Average per farm[1]	1997	(X)	3 749	(X)	4 198
	1992	(X)	2 984	(X)	2 887
1997 farms with receipts of—					
$1 to $999		189	42	108	29
$1,000 to $4,999		162	339	147	307
$5,000 to $9,999		43	301	32	239
$10,000 to $24,999		50	719	29	492
$25,000 or more		8	294	8	294

[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	**7**	**137**	**9**	**140**
Average per farm[1]	(X)	19 617	(X)	15 591
Farms with loans of—				
$1 to $999	2	(D)	3	(D)
$1,000 to $4,999	2	(D)	1	(D)
$5,000 to $9,999	–	–	–	–
$10,000 to $19,999	1	(D)	2	(D)
$20,000 to $24,999	–	–	1	(D)
$25,000 to $49,999	1	(D)	1	(D)
$50,000 or more	1	(D)	1	(D)
Corn	7	137	5	(D)
Average per farm[1]	(X)	19 617	(X)	(D)
Farms with loans of—				
$1 to $999	2	(D)	1	(D)
$1,000 to $9,999	2	(D)	1	(D)
$10,000 to $24,999	1	(D)	1	(D)
$25,000 or more	2	(D)	2	(D)
Wheat	–	–	–	–
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	–	–	–	–
Soybeans	–	–	–	–
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	–	–	–	–
Sorghum, barley, and oats	–	–	–	–
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	–	–	–	–
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	–	–	–	–
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	–	–	–	–
Peanuts, rice, and tobacco[2]	–	–	4	(D)
Average per farm[1]	(X)	–	(X)	(D)
Farms with loans of—				
$1 to $999	–	–	2	(D)
$1,000 to $9,999	–	–	–	–
$10,000 to $24,999	–	–	2	(D)
$25,000 or more	–	–	–	–

[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	5 574	100.0	5 258	6 216
Land in farms	acres	518 299	100.0	526 440	615 185
Total cropland	farms	4 990	89.5	4 853	5 654
	acres	223 573	43.1	235 284	272 588
Harvested cropland	farms	4 587	82.3	4 417	5 084
	acres	168 765	32.6	173 255	194 874
Farms by acres harvested:					
1 to 49 acres		3 675	65.9	3 462	4 028
1 to 9 acres		1 978	35.5	1 755	1 900
10 to 19 acres		755	13.5	733	965
20 to 29 acres		453	8.1	453	572
30 to 49 acres		489	8.8	521	591
50 to 99 acres		469	8.4	497	544
100 to 199 acres		279	5.0	293	336
200 to 499 acres		146	2.6	143	153
500 to 999 acres		14	.3	21	21
1,000 acres or more		4	.1	1	2
1,000 to 1,999 acres		4	.1	1	1
2,000 acres or more		–	–	–	1
Cropland used only for pasture or grazing	farms	1 621	29.1	1 813	2 164
	acres	39 471	7.6	45 142	52 884
Other cropland	farms	1 006	18.0	1 082	1 267
	acres	15 337	3.0	16 887	24 830
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	296	5.3	334	362
	acres	3 961	.8	4 777	6 986
Cropland on which all crops failed	farms	165	3.0	185	208
	acres	1 201	.2	1 575	1 531
Cropland in cultivated summer fallow	farms	70	1.3	102	73
	acres	409	.1	1 240	946
Cropland idle	farms	661	11.9	683	857
	acres	9 766	1.9	9 295	15 367
Total woodland	farms	3 011	54.0	3 032	3 382
	acres	197 075	38.0	202 360	225 442
Woodland pastured	farms	734	13.2	838	1 049
	acres	20 194	3.9	26 393	35 745
Woodland not pastured	farms	2 726	48.9	2 717	2 933
	acres	176 881	34.1	175 967	189 697
Pastureland and rangeland other than cropland and woodland pastured	farms	885	15.9	786	1 269
	acres	24 183	4.7	24 535	44 998
Land in house lots, ponds, roads, wasteland, etc.	farms	3 734	67.0	3 310	4 123
	acres	73 468	14.2	64 261	72 157
Land under Conservation Reserve or Wetlands Reserve Programs[1]	farms	71	(X)	58	19
	acres	2 690	(X)	1 388	677

[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	5 574	5 258	518 299	526 440	168 765	173 255	24 564	19 909
Farms by size:								
1 to 9 acres	1 254	1 044	5 418	(D)	(D)	1 832	1 069	821
10 to 49 acres	1 865	1 738	46 154	43 554	15 206	14 551	3 928	3 296
50 to 69 acres	485	479	27 988	27 688	9 457	9 609	1 693	1 243
70 to 99 acres	479	459	39 469	37 805	12 370	12 098	2 003	1 521
100 to 139 acres	456	459	53 014	53 240	17 589	18 341	2 066	1 562
140 to 179 acres	270	270	42 161	42 294	13 334	14 343	1 807	1 164
180 to 219 acres	206	212	40 700	42 113	13 681	14 320	(D)	1 674
220 to 259 acres	117	120	27 628	28 766	9 885	9 876	1 459	(D)
260 to 499 acres	291	322	101 847	111 243	35 449	39 009	3 674	3 121
500 to 999 acres	121	121	79 768	76 661	26 630	26 971	1 615	1 127
1,000 to 1,999 acres	26	29	(D)	37 056	9 522	8 777	1 963	1 728
2,000 acres or more	4	5	(D)	(D)	(D)	3 528	(D)	(D)
5,000 acres or more	1	1	(D)	(D)	(D)	(D)	(D)	(D)
Farms with harvested cropland	4 587	4 417	479 645	489 957	168 765	173 255	24 522	19 874
Farms by size:								
1 to 9 acres	905	782	(D)	3 339	(D)	1 832	(D)	821
10 to 49 acres	1 441	1 353	36 521	34 633	15 206	14 551	3 896	3 261
50 to 69 acres	419	425	24 240	24 705	9 457	9 609	1 693	1 243
70 to 99 acres	413	406	34 109	33 517	12 370	12 098	2 001	1 521
100 to 139 acres	419	419	48 661	48 666	17 589	18 341	2 066	1 562
140 to 179 acres	253	253	39 483	39 665	13 334	14 343	1 807	1 164
180 to 219 acres	198	206	39 103	40 890	13 681	14 320	1 450	1 674
220 to 259 acres	112	115	26 422	27 579	9 885	9 876	1 459	(D)
260 to 499 acres	283	309	99 293	106 581	35 449	39 009	3 674	3 121
500 to 999 acres	116	116	76 819	73 617	26 630	26 971	1 615	1 127
1,000 to 1,999 acres	24	28	29 718	35 238	9 522	8 777	1 963	1 728
2,000 acres or more	4	5	(D)	21 527	(D)	3 528	(D)	(D)
5,000 acres or more	1	1	(D)	(D)	(D)	(D)	(D)	(D)
Farms with irrigated land	1 630	1 336	124 383	111 623	38 468	32 269	24 564	19 909
Farms by size:								
1 to 9 acres	547	410	2 118	1 650	1 163	(D)	1 069	821
10 to 49 acres	552	475	13 349	11 435	5 211	4 430	3 928	3 296
50 to 69 acres	111	106	6 381	6 135	2 408	2 262	1 693	1 243
70 to 99 acres	112	87	9 302	7 285	3 424	2 814	2 003	1 521
100 to 139 acres	89	71	10 350	8 285	3 546	2 716	2 066	1 562
140 to 179 acres	56	38	8 731	5 918	3 126	2 351	1 807	1 164
180 to 219 acres	44	46	8 621	9 110	3 207	3 247	(D)	1 674
220 to 259 acres	32	23	7 445	5 558	2 402	1 649	1 459	(D)
260 to 499 acres	58	52	19 923	17 464	7 259	5 446	3 674	3 121
500 to 999 acres	18	16	10 905	10 603	2 640	2 457	1 615	1 127
1,000 to 1,999 acres	8	9	10 569	11 653	1 930	1 738	1 963	1 728
2,000 acres or more	3	3	16 689	16 527	2 152	(D)	(D)	(D)
5,000 acres or more	1	1	(D)	(D)	(D)	(D)	(D)	(D)

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

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

Farms with irrigation		1997	1992	1987
Farms	number	1 630	1 336	1 316
Proportion of farms	percent	29.2	25.4	21.2
Irrigated land	acres	24 564	19 909	20 158
Average per farm	acres	15	15	15
Acres irrigated:				
1 to 9 acres	farms	1 139	937	888
	acres	(D)	2 624	2 540
10 to 49 acres	farms	390	322	358
	acres	8 313	6 893	7 675
50 to 99 acres	farms	58	42	39
	acres	3 945	2 893	2 727
100 to 199 acres	farms	30	23	19
	acres	3 988	2 928	2 489

Farms with irrigation		1997	1992	1987
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	12	10	10
	acres	3 696	(D)	(D)
500 to 999 acres	farms	–	1	1
	acres	–	(D)	(D)
1,000 acres or more	farms	1	1	1
	acres	(D)	(D)	(D)
Irrigated land use:				
Harvested cropland	farms	1 614	1 327	1 290
	acres	24 269	19 622	19 566
Pastureland and other land	farms	45	48	60
	acres	295	287	592
Land in irrigated farms	acres	124 383	111 623	109 552
Cropland	acres	45 916	38 803	39 116
Harvested cropland	acres	38 468	32 269	32 005

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..	5 574	5 258	1 630	1 336	1 183	986	3 944	3 922
Land in farms ..... acres..	518 299	526 440	124 383	111 623	74 141	71 220	393 916	414 817
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	455 014	460 410	558 482	594 097	512 339	498 142	413 835	409 699
Average per acre ..... dollars..	5 207	4 898	7 458	7 715	8 742	7 790	4 480	4 079
Irrigated land ..... acres..	24 564	19 909	24 564	19 909	18 230	15 651	(X)	(X)
Land in farms according to use:								
Total cropland ..... farms..	4 990	4 853	1 628	1 335	1 183	986	3 362	3 518
acres..	223 573	235 284	45 916	38 803	21 052	18 723	177 657	196 481
Harvested cropland ..... farms..	4 587	4 417	1 616	1 332	1 183	986	2 971	3 085
acres..	168 765	173 255	38 468	32 269	18 041	15 533	130 297	140 986
Pastureland, excluding woodland pastured ..... farms..	2 308	2 394	259	214	110	118	2 049	2 180
acres..	63 654	69 677	4 791	6 989	1 359	3 089	58 863	62 688
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	58	18	20	9	11	53	38
acres..	2 690	1 388	302	375	115	322	2 388	1 013
Owned and rented land in farms:								
Owned land in farms ..... farms..	5 104	4 819	1 461	1 197	1 053	890	3 643	3 622
acres..	408 639	406 735	104 461	94 913	66 688	65 647	304 178	311 822
Rented or leased land in farms ..... farms..	1 783	1 770	482	406	263	197	1 301	1 364
acres..	109 660	119 705	19 922	16 710	7 453	5 573	89 738	102 995
Market value of agricultural products sold ..... $1,000..	454 404	350 639	303 852	209 562	229 179	150 519	150 552	141 077
Average per farm ..... dollars..	81 522	66 687	186 412	156 857	193 727	152 656	38 172	35 971
Crops, including nursery and greenhouse crops ..... farms..	4 029	3 562	1 610	1 312	1 178	973	2 419	2 250
$1,000..	357 377	255 138	301 277	207 392	228 642	150 282	56 100	47 747
Livestock, poultry, and their products ..... farms..	2 089	2 214	203	147	103	72	1 886	2 067
$1,000..	97 027	95 500	2 575	2 170	537	236	94 452	93 330
Total farm production expenses[1] ..... $1,000..	311 068	266 163	186 227	145 104	140 209	101 354	124 841	121 059
Average per farm ..... dollars..	55 897	50 621	117 420	100 348	114 270	94 812	31 328	31 757
Livestock and poultry purchased ..... farms..	1 075	1 257	119	84	63	20	956	1 173
$1,000..	7 408	7 374	332	625	157	14	7 077	6 748
Feed for livestock and poultry ..... farms..	2 161	2 202	199	152	89	40	1 962	2 050
$1,000..	31 880	28 422	1 091	903	369	87	30 789	27 519
Seeds, bulbs, plants, and trees ..... farms..	2 422	1 924	998	670	690	373	1 424	1 254
$1,000..	15 829	10 327	13 280	8 435	8 756	4 220	2 549	1 892
Commercial fertilizer ..... farms..	3 478	3 481	1 441	1 359	1 130	994	2 037	2 122
$1,000..	10 273	10 021	5 525	4 785	3 919	3 186	4 747	5 235
Agricultural chemicals ..... farms..	2 425	2 337	1 195	1 159	939	864	1 230	1 178
$1,000..	8 299	7 616	5 722	5 155	4 462	4 027	2 577	2 461
Petroleum products ..... farms..	5 245	4 883	1 533	1 387	1 179	1 017	3 712	3 496
$1,000..	14 893	12 906	9 645	7 067	7 343	5 136	5 248	5 839
Electricity ..... farms..	3 690	3 674	1 241	1 040	937	696	2 449	2 634
$1,000..	7 715	7 221	3 829	3 191	2 710	2 087	3 886	4 030
Hired farm labor ..... farms..	2 188	1 847	934	789	658	519	1 254	1 058
$1,000..	81 630	77 337	63 029	56 533	44 925	38 614	18 600	20 804
Contract labor ..... farms..	690	775	421	444	361	386	269	331
$1,000..	7 276	6 406	5 713	4 817	4 462	4 026	1 564	1 589
Repairs and maintenance ..... farms..	4 716	4 506	1 424	1 306	1 080	948	3 292	3 200
$1,000..	22 779	18 080	12 755	8 479	9 873	6 168	10 024	9 601
Customwork, machine hire, and rental of machinery and equipment ..... farms..	1 061	1 072	517	484	428	399	544	588
$1,000..	7 089	4 035	5 897	2 859	5 291	2 668	1 191	1 176
Interest ..... farms..	1 580	1 604	664	666	516	468	916	938
$1,000..	15 766	14 502	10 140	9 256	8 532	7 890	5 626	5 247
Cash rent ..... farms..	900	1 047	313	287	163	136	587	760
$1,000..	6 393	4 873	4 400	2 573	3 453	1 839	1 993	2 300
Property taxes paid ..... farms..	5 138	4 840	1 433	1 324	1 114	976	3 705	3 516
$1,000..	19 915	16 695	8 620	6 699	6 950	5 179	11 295	9 996
All other farm production expenses ..... farms..	5 081	4 747	1 536	1 411	1 179	1 052	3 545	3 336
$1,000..	53 923	40 348	36 250	23 726	29 008	16 213	17 674	16 621
Commodity Credit Corporation loans[2] ..... farms..	7	9	1	2	–	1	6	7
$1,000..	137	140	(D)	(D)	–	(D)	(D)	(D)
Government payments received ..... farms..	401	477	97	135	36	67	304	342
$1,000..	1 209	1 886	329	783	141	424	880	1 103
Other farm-related income[1] ..... farms..	1 340	1 408	296	290	212	181	1 044	1 118
$1,000..	7 773	6 416	3 820	2 475	2 852	1 818	3 953	3 941
Estimated market value of all machinery and equipment[1] ..... farms..	5 571	5 257	1 586	1 445	1 227	1 069	3 985	3 812
$1,000..	225 043	191 141	95 896	78 406	69 487	56 004	129 146	112 735
Average per farm ..... dollars..	40 395	36 359	60 464	54 260	56 632	52 389	32 408	29 574
Livestock inventory:								
Cattle and calves ..... farms..	1 420	1 565	99	69	29	18	1 321	1 496
number..	61 719	68 331	2 192	1 802	206	134	59 527	66 529
Milk cows ..... farms..	483	606	22	18	4	1	461	588
number..	26 846	30 906	575	715	10	(D)	26 271	30 191
Hogs and pigs ..... farms..	383	404	35	35	14	14	348	369
number..	18 297	16 439	2 564	688	162	177	15 733	15 751
Sheep and lambs ..... farms..	431	520	62	52	26	30	369	468
number..	8 348	11 341	711	513	267	259	7 637	10 828

[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..	5 571	(X)	5 258	6 216
$1,000..	(X)	2 534 884	2 420 837	2 154 033
Average per farm ..... dollars..	(X)	455 014	460 410	346 530
Average per acre ..... dollars..	(X)	5 207	4 898	3 553
Farms by value group:				
$1 to $39,999	411	7 967	445	640
$40,000 to $69,999	300	15 965	328	488
$70,000 to $99,999	175	14 367	185	455
$100,000 to $149,999	464	55 699	535	771
$150,000 to $199,999	741	125 955	559	761
$200,000 to $499,999	2 029	611 974	1 887	1 921
$500,000 to $999,999	909	591 592	782	786
$1,000,000 to $1,999,999	374	478 817	376	268
$2,000,000 to $4,999,999	147	380 215	138	114
$5,000,000 or more	21	252 333	23	12

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	5 571	225 043	5 257	191 141
Average per farm[1]	(X)	40 395	(X)	36 359
By value group:				
$1 to $4,999	744	(D)	625	1 742
$5,000 to $9,999	764	5 141	930	6 594
$10,000 to $19,999	1 266	16 623	1 246	16 143
$20,000 to $29,999	670	15 355	712	16 755
$30,000 to $49,999	820	29 645	739	26 236
$50,000 to $69,999	376	20 329	330	18 270
$70,000 to $99,999	332	26 481	218	17 341
$100,000 to $199,999	442	54 550	330	40 431
$200,000 to $499,999	135	35 686	105	28 059
$500,000 to $999,999	20	12 105	18	10 218
$1,000,000 or more	2	(D)	4	9 352

[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	4 836	10 539	1 419	1 982	4 223	8 557	4 557	10 002	1 993
2 or 3	1 616	3 756	226	505	1 324	3 061	1 624	3 794	533
4 or more	723	4 286	34	318	551	3 148	673	3 948	283
Wheel tractors	4 655	10 334	661	869	4 367	9 465	4 512	10 923	1 334
2 or 3	1 963	4 534	114	252	1 800	4 163	2 130	5 006	466
4 or more	661	3 769	14	84	602	3 337	759	4 294	86
Less than 40 horsepower (PTO)	3 441	5 650	362	454	3 188	5 196	3 450	5 886	556
40 horsepower (PTO) or more	2 613	4 684	339	415	2 440	4 269	2 665	5 037	778
40 to 99 horsepower (PTO)	2 462	4 025	319	381	2 296	3 644	(NA)	(NA)	(NA)
100 horsepower (PTO) or more	436	659	26	34	421	625	(NA)	(NA)	(NA)
Grain and bean combines	50	54	2	(D)	48	(D)	65	(D)	(D)
Cotton pickers and strippers	–	–	–	–	–	–	–	–	–
Mower conditioners	1 433	1 590	272	276	1 198	1 314	1 573	1 816	365
Pickup balers	1 389	1 651	155	175	1 278	1 476	1 633	1 965	190

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..	5 245	(X)	4 883	5 859
$1,000..	(X)	14 893	12 906	12 042
Average per farm ..... dollars..	(X)	2 839	2 643	2 055
Gasoline and gasohol ..... farms..	4 313	(X)	4 231	5 243
$1,000..	(X)	4 901	4 948	5 325
Average per farm ..... dollars..	(X)	1 136	1 170	1 016
Farms with expenses of—				
$1 to $499	2 393	399	2 167	2 945
$500 to $999	740	470	645	806
$1,000 to $1,999	535	674	769	723
$2,000 to $4,999	449	1 310	491	613
$5,000 to $9,999	137	865	98	105
$10,000 to $24,999	49	669	52	42
$25,000 or more	10	515	9	9
Diesel fuel ..... farms..	3 107	(X)	2 839	2 743
$1,000..	(X)	3 264	3 112	2 585
Average per farm ..... dollars..	(X)	1 051	1 096	942
Farms with expenses of—				
$1 to $499	1 913	348	1 680	1 669
$500 to $999	518	323	442	467
$1,000 to $1,999	287	356	304	279
$2,000 to $4,999	251	729	271	240
$5,000 to $9,999	85	555	97	59
$10,000 to $24,999	46	627	38	22
$25,000 or more	7	327	7	7
Natural gas ..... farms..	246	(X)	167	175
$1,000..	(X)	1 096	617	841
Average per farm ..... dollars..	(X)	4 457	3 692	4 807
Farms with expenses of—				
$1 to $99	21	1	48	39
$100 to $499	78	18	36	21
$500 to $999	45	31	23	22
$1,000 to $1,999	20	25	21	30
$2,000 to $4,999	42	119	16	27
$5,000 to $9,999	17	104	8	20
$10,000 or more	23	800	15	16
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	(X)	3 504	3 773
$1,000..	(X)	5 631	4 230	3 291
Average per farm ..... dollars..	(X)	1 556	1 207	872
Farms with expenses of—				
$1 to $99	1 255	53	1 264	1 490
$100 to $499	1 331	256	1 285	1 394
$500 to $999	344	231	335	418
$1,000 to $1,999	279	361	294	251
$2,000 to $4,999	233	715	180	118
$5,000 to $9,999	81	534	67	50
$10,000 or more	96	3 480	79	52

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..	3 741	3 682	4 391
Commercial fertilizer ..... farms..	3 478	3 481	3 858
acres on which used..	112 983	118 217	138 832
$1,000..	10 273	10 021	8 953
Agricultural chemicals ..... farms..	2 425	2 337	3 027
$1,000..	8 299	7 616	7 319
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ..... farms..	1 689	1 644	2 049
acres on which used..	39 570	41 367	49 252
Nematodes in crops ..... farms..	191	123	152
acres on which used..	4 019	3 480	5 212
Diseases in crops and orchards ..... farms..	1 152	1 059	1 093
acres on which used..	24 869	24 432	25 050
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	1 401	1 690
acres on which used..	48 093	47 325	57 337
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	218	255
acres on which used..	4 195	4 582	5 928

[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	5 574	5 258	6 216	36	30	26
	acres	518 299	526 440	615 185	1 309	1 375	1 822
Harvested cropland	farms	4 587	4 417	5 084	25	23	22
	acres	168 765	173 255	194 874	429	364	485
Full owners	farms	3 791	3 488	4 313	31	24	19
	acres	276 129	268 926	348 117	847	865	1 059
Harvested cropland	farms	3 003	2 797	3 377	20	18	15
	acres	56 505	55 558	73 627	167	190	142
Part owners	farms	1 313	1 331	1 449	3	6	4
	acres	212 684	220 346	231 033	(D)	510	258
Harvested cropland	farms	1 204	1 252	1 339	3	5	4
	acres	97 000	98 992	105 444	(D)	174	180
Tenants	farms	470	439	454	2	–	3
	acres	29 486	37 168	36 035	(D)	–	505
Harvested cropland	farms	380	368	368	2	–	3
	acres	15 260	18 705	15 803	(D)	–	163
Percent of tenancy	percent	8.4	8.3	7.3	5.6	–	11.5
Operators by place of residence:							
On farm operated		4 203	4 115	4 918	26	20	16
Not on farm operated		1 074	868	960	8	6	8
Not reported		297	275	338	2	4	2
Operators by principal occupation:							
Farming		2 927	2 926	3 174	16	10	13
Other		2 647	2 332	3 042	20	20	13
Operators by days worked off farm:							
None		2 285	2 239	2 371	12	7	8
Any		2 980	2 695	3 516	23	23	16
1 to 49 days		327	269	374	3	2	3
50 to 99 days		222	169	178	2	–	–
100 to 149 days		202	203	245	–	2	–
150 to 199 days		365	388	436	3	2	1
200 days or more		1 864	1 666	2 283	15	17	12
Not reported		309	324	329	1	–	2
Operators by years on present farm:							
2 years or less		175	149	249	–	2	2
3 or 4 years		286	336	449	3	3	2
5 to 9 years		669	785	1 165	4	5	8
10 years or more		3 685	3 277	3 421	24	16	11
Average years on present farm		20.7	19.9	18.8	17.7	14.4	15.9
Not reported		759	711	932	5	4	3
Operators by age group:							
Under 25 years		31	40	50	–	–	–
25 to 34 years		253	350	590	–	–	2
35 to 44 years		1 071	1 122	1 477	6	10	6
45 to 49 years		785	712	687	8	4	6
50 to 54 years		836	654	642	7	6	1
55 to 59 years		646	526	642	4	1	1
60 to 64 years		500	525	663	1	6	3
65 to 69 years		455	466	595	4	1	1
70 years and over		997	863	870	6	2	6
Average age		54.9	53.8	52.6	55.3	51.6	53.0
Operators by sex:							
Male	farms	4 648	4 437	5 415	27	19	18
	acres	470 925	476 440	571 616	859	847	1 540
Female	farms	926	821	801	9	11	8
	acres	47 374	50 000	43 569	450	528	282
Operators of Spanish, Hispanic, or Latino origin (see text)	farms	37	31	24	1	2	3
	acres	4 293	1 613	2 019	(D)	(D)	382
Operators not of Spanish, Hispanic, or Latino origin	farms	4 788	3 822	4 197	26	24	12
Spanish, Hispanic, or Latino origin not reported	farms	749	1 405	1 995	9	4	11
Type of organization:							
Individual or family (sole proprietorship)	farms	4 496	4 232	5 124	24	26	23
	acres	330 825	337 401	431 487	784	1 190	1 723
Partnership	farms	443	401	481	7	1	–
	acres	71 602	70 194	73 006	408	(D)	–
Corporation	farms	554	549	544	5	1	3
	acres	96 319	94 212	86 535	117	(D)	99
Family held:							
More than 10 stockholders	farms	11	13	4	–	–	–
	acres	16 675	(D)	1 790	–	–	–
10 or less stockholders	farms	483	475	489	4	1	3
	acres	71 680	71 542	79 707	(D)	(D)	99
Other than family held:							
More than 10 stockholders	farms	8	8	6	–	–	–
	acres	3 516	(D)	1 300	–	–	–
10 or less stockholders	farms	52	53	45	1	–	–
	acres	4 448	5 705	3 738	(D)	–	–
Other—cooperative, estate or trust, institutional, etc.	farms	81	76	67	–	2	–
	acres	19 553	24 633	24 157	–	(D)	–

[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..	36	15	5	11	5	926	4 648	37
1992..	30	10	5	10	5	821	4 437	31
Land in farms ..... acres, 1997..	1 309	256	111	145	797	47 374	470 925	4 293
1992..	1 375	226	366	405	378	50 000	476 440	1 613
Harvested cropland ..... farms, 1997..	25	9	3	8	5	587	4 000	26
1992..	23	9	3	7	4	514	3 903	19
acres, 1997..	429	97	54	28	250	10 391	158 374	870
1992..	364	57	(D)	145	(D)	12 148	161 107	358
1997 FARMS BY SIZE								
1 to 9 acres	14	6	2	5	1	310	944	12
10 to 49 acres	19	9	3	6	1	339	1 526	15
50 to 139 acres	–	–	–	–	–	191	1 229	6
140 to 219 acres	2	–	–	–	2	49	427	1
220 to 499 acres	1	–	–	–	1	30	378	–
500 acres or more	–	–	–	–	–	7	144	3
1997 OWNED AND RENTED LAND IN FARMS								
Owned land in farms ..... farms..	34	15	5	10	4	850	4 254	35
acres..	(D)	256	(D)	(D)	(D)	42 261	366 378	(D)
Rented or leased land in farms ..... farms..	5	–	1	2	2	190	1 593	7
acres..	(D)	–	(D)	(D)	(D)	5 113	104 547	(D)
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	31	15	4	9	3	736	3 055	30
1992..	24	8	4	9	3	615	2 873	17
acres, 1997..	847	256	(D)	(D)	(D)	36 798	239 331	3 207
1992..	865	(D)	(D)	(D)	(D)	34 323	234 603	435
Part owners ..... farms, 1997..	3	–	1	1	1	114	1 199	5
1992..	6	2	1	1	2	132	1 199	8
acres, 1997..	(D)	–	(D)	(D)	(D)	8 909	203 775	(D)
1992..	510	(D)	(D)	(D)	(D)	12 686	207 660	1 091
Tenants ..... farms, 1997..	2	–	–	1	1	76	394	2
1992..	–	–	–	–	–	74	365	6
acres, 1997..	(D)	–	–	(D)	(D)	1 667	27 819	(D)
1992..	–	–	–	–	–	2 991	34 177	87
1997 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	24	9	5	8	2	792	3 704	31
Partnership	7	3	–	2	2	49	394	4
Family held corporation	4	3	–	–	1	60	434	–
Other than family held corporation	1	–	–	1	–	10	50	2
Other—cooperative, estate or trust, institutional, etc.	–	–	–	–	–	15	66	–
1997 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales ..... farms..	36	15	5	11	5	926	4 648	37
$1,000..	2 409	389	(D)	1 119	(D)	30 759	423 645	5 149
Crops, including nursery and greenhouse crops ..... farms..	22	9	3	7	3	514	3 515	24
$1,000..	2 169	356	(D)	(D)	(D)	24 487	332 890	4 847
Livestock, poultry, and their products ..... farms..	14	6	1	4	3	350	1 739	10
$1,000..	240	33	(D)	(D)	(D)	6 272	90 755	303
Farms by value of sales:								
Less than $1,000	4	–	2	2	–	245	650	7
$1,000 to $2,499	3	2	–	–	1	146	575	6
$2,500 to $9,999	7	4	1	2	–	251	1 120	6
$10,000 to $19,999	3	1	1	1	–	98	502	2
$20,000 to $24,999	2	–	–	2	–	24	129	1
$25,000 or more	17	8	1	4	4	162	1 672	15
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	1	–	1	–	–	8	74	1
Vegetable and melon farming (1112)	12	4	2	5	1	98	527	2
Fruit and tree nut farming (1113)	6	4	–	1	1	110	755	8
Greenhouse, nursery, and floriculture production (1114)	3	–	1	1	1	173	871	10
Other crop farming (1119)	1	1	–	–	–	104	972	3
Tobacco farming (11191)	–	–	–	–	–	–	47	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1	1	–	–	–	104	925	3
Beef cattle ranching and farming (112111)	2	2	–	–	–	62	410	1
Cattle feedlots (112112)	1	1	–	–	–	4	45	–
Dairy cattle and milk production (11212)	1	–	–	1	–	23	315	1
Hog and pig farming (1122)	–	–	–	–	–	11	107	3
Poultry and egg production (1123)	5	2	–	3	–	23	92	–
Sheep and goat farming (1124)	2	–	–	–	2	58	105	2
Animal aquaculture and other animal production (1125, 1129)	2	1	1	–	–	252	375	6

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	26	10	4	9	3	754	3 449	23
Not on farm operated	8	4	1	1	2	147	927	14
Not reported	2	1	–	1	–	25	272	–
Operators by principal occupation:								
Farming	16	7	1	5	3	499	2 428	21
Other	20	8	4	6	2	427	2 220	16
Operators by days worked off farm:								
None	12	5	1	6	–	409	1 876	22
Any	23	10	4	5	4	470	2 510	14
1 to 99 days	5	3	–	2	–	96	453	2
100 to 199 days	3	1	–	2	–	118	449	3
200 days or more	15	6	4	1	4	256	1 608	9
Not reported	1	–	–	–	1	47	262	1
Operators by years on present farm:								
2 years or less	–	–	–	–	–	60	115	1
3 or 4 years	3	1	–	1	1	62	224	5
5 to 9 years	4	–	1	1	2	151	518	8
10 years or more	24	10	4	9	1	550	3 135	20
Average years on present farm	17.7	24.7	14.4	14.6	10.8	16.8	21.6	16.2
Not reported	5	4	–	–	1	103	656	3
Operators by age group:								
Under 25 years	–	–	–	–	–	6	25	–
25 to 34 years	–	–	–	–	–	61	192	4
35 to 44 years	6	1	–	4	1	211	860	8
45 to 54 years	15	3	5	3	4	275	1 346	8
55 to 59 years	4	3	–	1	–	107	539	5
60 to 64 years	1	–	–	1	–	78	422	3
65 to 69 years	4	2	–	2	–	55	400	4
70 years and over	6	6	–	–	–	133	864	5
Average age	55.3	63.0	50.0	51.5	46.0	52.9	55.3	52.2
Operators by sex:								
Male	27	13	5	6	3	(X)	4 648	30
Female	9	2	–	5	2	926	(X)	7
Operators of Spanish, Hispanic, or Latino origin (see text)	1	–	–	–	1	7	30	37
1997 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS								
Amount received from Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	7	–
... $1,000	–	–	–	–	–	–	137	–
Government payments received ... farms	6	1	1	1	3	32	369	2
... $1,000	7	(D)	(D)	(D)	3	54	1 155	(D)

[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	**5 574**	**518 299**	**168 765**	**455 014**	**40 395**	**454 404**	**357 377**	**97 027**
Crop production (111)	3 692	300 605	100 193	438 022	40 367	355 918	353 268	2 650
Oilseed and grain farming (1111)	82	14 838	6 104	578 186	31 560	1 625	1 522	103
Soybean farming (11111)	2	(D)	(D)	–	–	(D)	(D)	(D)
Oilseed (except soybean) farming (11112)	–	–	–	–	–	–	–	–
Dry pea and bean farming (11113)	2	(D)	(D)	275 000	26 000	(D)	(D)	(D)
Wheat farming (11114)	–	–	–	–	–	–	–	–
Corn farming (11115)	65	11 652	5 598	622 220	33 216	1 472	1 374	98
Rice farming (11116)	–	–	–	–	–	–	–	–
Other grain farming (11119)	13	2 839	345	505 708	26 500	123	123	–
Vegetable and melon farming (11121)	625	40 979	20 031	362 931	39 042	42 994	42 490	504
Potato farming (111211)	16	3 963	2 909	1 123 669	137 455	6 012	(D)	(D)
Other vegetable (except potato) and melon farming (111219)	609	37 016	17 122	349 347	37 285	36 982	(D)	(D)
Fruit and tree nut farming (1113)	865	84 889	21 439	551 823	55 343	147 112	146 993	119
Orange groves (11131)	–	–	–	–	–	–	–	–
Citrus (except orange) groves (11132)	–	–	–	–	–	–	–	–
Noncitrus fruit and tree nut farming (11133)	865	84 889	21 439	551 823	55 343	147 112	146 993	119
Apple orchards (111331)	165	15 314	5 313	368 629	39 143	11 277	11 239	38
Grape vineyards (111332)	8	589	131	429 199	47 273	(D)	(D)	(D)
Strawberry farming (111333)	8	201	23	124 000	3 400	(D)	(D)	–
Berry (except strawberry) farming (111334)	578	64 038	14 348	664 395	65 752	128 265	128 202	64
Tree nut farming (111335)	–	–	–	–	–	–	–	–
Fruit and tree nut combination farming (111336)	–	–	–	–	–	–	–	–
Other noncitrus fruit farming (111339)	106	4 747	1 624	302 539	31 678	7 242	(D)	(D)
Greenhouse, nursery, and floriculture production (1114)	1 044	36 138	9 174	344 871	34 448	126 115	125 881	233
Food crops grown under cover (11141)	29	472	109	213 289	30 936	3 904	(D)	(D)
Nursery and floriculture production (11142)	1 015	35 666	9 065	349 312	34 567	122 211	(D)	(D)
Nursery and tree production (111421)	482	23 296	6 183	372 889	26 879	37 765	(D)	(D)
Floriculture production (111422)	533	12 370	2 882	331 589	40 345	84 446	84 323	123
Other crop farming (1119)	1 076	123 761	43 445	464 376	34 331	38 073	36 383	1 690
Tobacco farming (11191)	47	4 637	2 541	480 449	78 816	24 313	24 168	145
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming (11193)	–	–	–	–	–	–	–	–
Hay farming (11194)	810	98 751	35 960	499 881	30 857	7 081	6 498	582
All other crop farming (11199)	219	20 373	4 944	347 577	34 352	6 679	5 716	963
Animal production (112)	1 882	217 694	68 572	488 376	40 451	98 486	4 108	94 378
Cattle ranching and farming (1121)	859	169 152	62 389	681 190	55 185	67 838	3 509	64 329
Beef cattle ranching and farming, including feedlots (11211)	521	60 570	13 455	540 187	31 593	3 652	549	3 103
Beef cattle ranching and farming (112111)	472	56 288	12 657	569 128	29 903	3 447	536	2 910
Cattle feedlots (112112)	49	4 282	798	253 597	48 322	205	13	192
Dairy cattle and milk production (11212)	338	108 582	48 934	844 053	82 435	64 186	2 960	61 226
Hog and pig farming (1122)	118	7 356	1 664	352 007	38 715	2 432	233	2 199
Poultry and egg production (1123)	115	6 380	684	307 895	36 281	15 768	182	15 586
Chicken egg production (11231)	70	4 053	511	375 700	37 178	12 013	113	11 900
Broilers and other meat-type chicken production (11232)	2	(D)	–	(D)	(D)	(D)	–	(D)
Turkey production (11233)	24	954	(D)	295 541	35 152	2 742	69	2 673
Poultry hatcheries (11234)	2	(D)	–	120 000	30 000	(D)	–	(D)
Other poultry production (11239)	17	1 311	(D)	201 965	37 824	481	–	481
Sheep and goat farming (1124)	163	8 510	995	306 644	14 412	658	25	633
Sheep farming (11241)	133	7 340	894	307 363	15 035	297	17	281
Goat farming (11242)	30	1 170	101	303 071	11 321	360	8	352
Animal aquaculture (1125)	54	1 161	32	279 041	56 897	3 623	43	3 580
Other animal production (1129)	573	25 135	2 808	348 956	26 821	8 167	117	8 050
Apiculture (11291)	32	1 293	124	390 351	27 444	278	(D)	(D)
Horse and other equine production (11292)	489	21 606	2 344	375 442	24 426	3 076	67	3 009
Fur-bearing animal and rabbit production (11293)	15	117	16	99 738	19 911	456	(D)	(D)
All other animal production (11299)	37	2 119	324	173 605	48 934	4 357	39	4 318

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

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..	–	10	12
Land in farms[2] ..... acres..	–	1 722	7 128
Average size of farm ..... acres..	–	172	594
Estimated market value of land and buildings[2 3] ..... $1,000..	–	12 947	104 555
Average per farm ..... dollars..	–	1 294 676	8 712 921
Average per acre ..... dollars..	–	7 518	14 668
Estimated market value of all machinery and equipment[2 3] ..... $1,000..	–	1 556	1 262
Land in farms according to use:[2]			
Total cropland ..... farms..	–	8	11
acres..	–	857	2 276
Harvested cropland ..... farms..	–	8	11
acres..	–	740	1 768
Cropland used only for pasture or grazing ..... farms..	–	5	6
acres..	–	(D)	(D)
Other cropland ..... farms..	–	2	3
acres..	–	(D)	(D)
Total woodland ..... farms..	–	6	5
acres..	–	458	1 080
Woodland pastured ..... farms..	–	1	1
acres..	–	(D)	(D)
Woodland not pastured ..... farms..	–	6	5
acres..	–	(D)	(D)
Pastureland and rangeland other than cropland and woodland pastured..... farms..	–	1	4
acres..	–	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	–	10	9
acres..	–	(D)	(D)
Irrigated land ..... farms..	–	4	5
acres..	–	49	26
Market value of agricultural products sold[2] . $1,000..	–	1 171	1 915
Average per farm ..... dollars..	–	117 053	159 601
Crops, including nursery and greenhouse crops..... $1,000..	–	261	321
Livestock, poultry, and their products .... $1,000..	–	909	1 594
Total farm production expenses[2 3] ..... $1,000..	–	948	1 701
Average per farm ..... dollars..	–	94 832	141 786
Government payments received[2] ..... farms..	–	3	2
$1,000..	–	3	(D)
Average per farm ..... dollars..	–	983	(D)
Other farm-related income[2 3] ..... farms..	–	1	–
$1,000..	–	(D)	–
Average per farm ..... dollars..	–	(D)	–
Tenure of operator:			
Full owners	–	8	5
Part owners	–	2	7
Tenants	–	–	–
Farms by North American Industry Classification System:			
Oilseed and grain farming (1111)	–	1	(NA)
Vegetable and melon farming (1112)	–	–	(NA)
Fruit and tree nut farming (1113).....	–	2	(NA)
Greenhouse, nursery, and floriculture production (1114)	–	1	(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).....	–	–	(NA)
Cattle feedlots (112112)	–	–	(NA)
Dairy cattle and milk production (11212)	–	3	(NA)
Hog and pig farming (1122)	–	1	(NA)
Poultry and egg production (1123)	–	1	(NA)
Sheep and goat farming (1124).....	–	–	(NA)
Animal aquaculture and other animal production (1125, 1129)	–	1	(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)	510	682 853	535	544 401
Layers 20 weeks old and older ...	497	556 206	529	488 944
Farms with inventory of—				
1 to 49	406	6 970	406	6 501
50 to 99	41	2 571	54	3 210
100 to 399	22	3 145	32	5 205
400 to 3,199	16	16 228	23	33 019
3,200 to 9,999.....	5	29 700	6	32 400
10,000 to 19,999	1	(D)	1	(D)
20,000 to 49,999	3	89 000	4	106 000
50,000 to 99,999	1	(D)	1	(D)
100,000 or more	2	(D)	2	(D)
Pullets 13 weeks old and older but less than 20 weeks old (see text).....	76	126 647	85	55 457
Pullet chicks and pullets less than 13 weeks old.....	27	37 696	23	10 563
Broilers and other meat-type chickens.....	79	5 478	58	24 227
Turkeys	83	8 033	110	26 411
For slaughter.....	65	6 042	88	23 841
Hens kept for breeding	22	1 991	28	2 570
Ducks, geese, and other poultry	220	(X)	237	(X)
SALES				
Layers 20 weeks old and older	85	468 514	111	410 018
Pullet chicks and pullets less than 20 weeks old.....	11	(D)	14	46 182
Broilers and other meat-type chickens.....	41	(D)	45	125 283
Farms by number sold—				
1 to 1,999.....	37	3 434	39	4 383
2,000 to 15,999.....	3	15 100	3	23 900
16,000 to 29,999	–	–	1	(D)
30,000 to 59,999	–	–	2	(D)
60,000 to 99,999	–	–	–	–
100,000 to 199,999	–	–	–	–
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	70	93 226	71	91 924
For slaughter.....	68	(D)	68	(D)
Hens kept for breeding	2	(D)	4	(D)
Ducks, geese, and other poultry	63	(X)	74	(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	85	468 514	111	410 018	Pullet chicks and pullets less than 20 weeks old	11	(D)	14	46 182
Farms by number sold—					Farms by number sold—				
1 to 99	53	1 332	67	(D)	1 to 1,999	9	1 730	10	(D)
100 to 399	8	1 272	13	2 477	2,000 to 15,999	1	(D)	3	10 200
400 to 3,199	12	14 460	17	20 862	16,000 to 29,999	–	–	–	–
3,200 to 9,999	6	38 950	6	29 977	30,000 to 59,999	–	–	1	(D)
10,000 to 19,999	2	(D)	3	38 300	60,000 to 99,999	1	(D)	–	–
20,000 to 49,999	1	(D)	1	(D)	100,000 or more	–	–	–	–
50,000 to 99,999	1	(D)	4	291 750					
100,000 or more	2	(D)	–	–					

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	**510**	**682 853**	**497**	**556 206**	**76**	**126 647**	**25**	**(D)**	**58**	**4 222**
Farms with inventory of—										
1 to 49	402	7 123	393	6 620	44	503	12	297	43	1 515
50 to 99	55	3 507	52	2 796	19	711	5	224	9	570
100 to 399	24	3 435	24	3 270	4	165	3	225	5	(D)
400 to 1,599	12	10 628	12	(D)	2	(D)	–	–	–	–
1,600 to 3,199	5	10 600	4	6 100	4	4 500	2	(D)	–	–
3,200 to 9,999	5	29 700	5	29 700	–	–	1	(D)	–	–
10,000 to 19,999	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)
20,000 to 49,999	3	89 000	3	89 000	–	–	1	(D)	–	–
50,000 to 99,999	1	(D)	1	(D)	–	–	–	–	–	–
100,000 or more	2	(D)	2	(D)	2	(D)	–	–	–	–
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	2	(D)	21	1 256

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	**77**	**(D)**	**74**	**(D)**	**11**	**(D)**	**23**	**10 431**	**269**	**12 270**
Farms with inventory of—										
1 to 49	28	1 699	27	(D)	3	(D)	17	1 220	172	77
50 to 99	14	2 802	12	2 597	3	205	3	516	45	104
100 to 399	11	5 799	11	(D)	1	(D)	2	(D)	23	62
400 to 1,599	9	6 724	9	6 724	–	–	–	–	12	260
1,600 to 3,199	3	(D)	3	4 000	3	(D)	–	–	5	262
3,200 to 9,999	5	27 150	5	27 150	–	–	–	–	5	296
10,000 to 19,999	1	(D)	1	(D)	–	–	1	(D)	1	(D)
20,000 to 49,999	3	77 000	3	(D)	1	(D)	–	–	3	1 840
50,000 to 99,999	1	(D)	1	(D)	–	–	–	–	1	(D)
100,000 or more	2	(D)	2	(D)	–	–	–	–	2	(D)
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	11	(D)	11	(D)	–	–	18	(D)	106	3 629

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	**70**	**93 226**	**68**	**(D)**	**2**	**(D)**
Farms by number of turkeys sold—						
1 to 1,999	59	8 766	57	(D)	2	(D)
2,000 to 7,999	8	40 660	8	40 660	–	–
8,000 to 15,999	2	(D)	2	(D)	–	–
16,000 to 29,999	1	(D)	1	(D)	–	–
30,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–

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	1 420	61 719	1 565	68 331
Farms with—				
1 to 9	545	2 517	605	2 824
10 to 19	298	4 004	287	3 867
20 to 49	237	7 312	266	8 305
50 to 99	178	12 252	204	14 271
100 to 199	95	13 183	145	19 945
200 to 499	59	16 462	53	15 408
500 to 999	6	(D)	5	3 711
1,000 to 2,499	2	(D)	–	–
2,500 to 4,999	–	–	–	–
5,000 or more	–	–	–	–
Cows and heifers that had calved	1 173	33 704	1 314	38 253
Farms with—				
1 to 9	604	2 286	672	2 587
10 to 19	164	(D)	160	(D)
20 to 49	203	6 556	223	7 335
50 to 99	112	7 469	169	11 684
100 to 199	69	8 799	69	8 865
200 to 499	19	5 157	20	5 218
500 to 999	2	(D)	1	(D)
1,000 to 2,499	–	–	–	–
2,500 or more	–	–	–	–
Beef cows	799	6 858	850	7 347
Farms with—				
1 to 9	564	2 101	624	2 369
10 to 19	141	1 812	138	1 762
20 to 49	85	2 374	70	1 873
50 to 99	8	(D)	14	891
100 to 199	1	(D)	4	452
200 to 499	–	–	–	–
500 to 999	–	–	–	–
1,000 to 2,499	–	–	–	–
2,500 or more	–	–	–	–
Cows and heifers that had calved—Con.				
Milk cows	483	26 846	606	30 906
Farms with—				
1 to 9	149	388	187	496
10 to 19	27	(D)	24	(D)
20 to 49	116	4 121	158	5 623
50 to 99	103	6 962	153	10 705
100 to 199	67	8 588	63	8 151
200 to 499	19	5 112	20	5 120
500 to 999	2	(D)	1	(D)
1,000 or more	–	–	–	–
Heifers and heifer calves	979	22 688	1 103	23 573
Farms with—				
1 to 9	515	(D)	588	2 145
10 to 19	162	2 193	173	2 333
20 to 49	175	5 317	210	6 652
50 to 99	79	5 474	86	5 693
100 to 199	38	4 979	39	4 670
200 to 499	9	2 365	6	(D)
500 to 999	1	(D)	1	(D)
1,000 to 2,499	–	–	–	–
2,500 or more	–	–	–	–
Steers, steer calves, bulls, and bull calves	902	5 327	977	6 505
Farms with—				
1 to 9	778	2 254	844	2 540
10 to 19	82	997	78	955
20 to 49	33	840	38	1 018
50 to 99	5	314	12	(D)
100 to 199	2	(D)	3	453
200 to 499	2	(D)	2	(D)
500 to 999	–	–	–	–
1,000 to 2,499	–	–	–	–
2,500 or more	–	–	–	–

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	1 158	24 849	6 424	1 271	29 839	10 070
Farms by number sold—						
1 to 9	628	2 363	1 020	679	2 705	1 126
10 to 19	202	2 692	970	210	2 811	998
20 to 49	194	6 086	1 255	229	7 405	2 170
50 to 99	93	6 227	1 252	94	6 446	1 849
100 to 199	29	3 715	651	49	6 244	1 837
200 to 499	11	(D)	(D)	8	(D)	(D)
500 to 999	1	(D)	(D)	1	(D)	(D)
1,000 to 2,499	–	–	–	1	(D)	(D)
2,500 to 4,999	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–
Cattle, including calves weighing 500 pounds or more	970	11 364	5 610	1 092	14 306	8 255
Farms by number sold—						
1 to 9	649	2 321	1 184	710	2 573	1 372
10 to 19	179	2 298	1 063	205	2 754	1 400
20 to 49	108	3 154	1 326	133	3 686	1 986
50 to 99	25	1 551	680	29	1 903	1 150
100 to 199	6	690	355	13	(D)	(D)
200 to 499	2	(D)	(D)	–	–	–
500 to 999	1	(D)	(D)	1	(D)	(D)
1,000 to 2,499	–	–	–	1	(D)	(D)
2,500 to 4,999	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–
Cattle fattened on grain and concentrates for slaughter	117	1 158	834	224	1 901	1 323
Farms by number sold—						
1 to 9	103	305	210	201	606	360
10 to 19	6	(D)	(D)	12	159	87
20 to 49	6	124	75	8	193	87
50 to 99	–	–	–	–	–	–
100 to 199	–	–	–	2	(D)	(D)
200 to 499	2	(D)	(D)	–	–	–
500 to 999	–	–	–	1	(D)	(D)
1,000 to 2,499	–	–	–	–	–	–
2,500 to 4,999	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–
Calves weighing less than 500 pounds	674	13 485	814	797	15 533	1 815
Farms by number sold—						
1 to 9	322	1 159	198	410	1 482	261
10 to 19	123	1 630	162	138	1 822	238
20 to 49	167	5 084	255	167	5 020	529
50 to 99	44	2 814	103	57	3 548	297
100 to 199	14	1 729	(D)	21	2 661	268
200 to 499	4	1 069	(D)	4	1 000	222
500 to 999	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–

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	**1 420**	**61 719**	**1 173**	**33 704**	**979**	**22 688**	**902**	**5 327**	**1 129**	**24 264**	**6 243**
Farms with herd size of—											
1 to 9	545	2 517	404	1 194	258	618	315	705	256	1 137	416
10 to 19	298	4 004	235	1 878	211	1 287	203	839	296	1 683	684
20 to 49	237	7 312	209	3 569	198	2 662	173	1 081	237	2 720	943
50 to 99	178	12 252	169	7 149	160	4 154	106	949	178	5 048	1 212
100 to 199	95	13 183	91	7 639	88	5 036	60	508	95	4 971	937
200 to 499	59	16 462	57	8 715	56	6 618	37	1 129	59	6 710	1 781
500 to 999	6	(D)	6	(D)	6	(D)	6	(D)	6	(D)	(D)
1,000 to 2,499	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)	(D)
2,500 to 4,999	–	–	–	–	–	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–	–	–	–	–	–
No cattle and calves herd as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	29	585	181

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	**1 173**	**57 813**	**1 173**	**33 704**	**817**	**20 303**	**752**	**3 806**	**971**	**21 847**	**4 675**
Farms with cow herd size of—											
1 to 9	604	5 455	604	2 286	364	1 766	396	1 403	402	2 223	823
10 to 19	164	(D)	164	(D)	102	(D)	109	(D)	164	(D)	492
20 to 49	203	11 238	203	6 556	169	3 566	129	1 116	203	4 122	1 003
50 to 99	112	12 014	112	7 469	98	4 226	62	319	112	4 963	897
100 to 199	69	14 999	69	8 799	64	6 046	38	154	69	5 405	969
200 to 499	19	8 585	19	5 157	18	3 185	16	243	19	3 281	(D)
500 to 999	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)	(D)
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–	–
No cow herd as of Dec. 31, 1997	247	3 906	(X)	(X)	162	2 385	150	1 521	187	3 002	1 749

[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	**799**	**18 281**	**799**	**10 259**	**799**	**6 858**	**491**	**5 090**	**564**	**2 932**
Farms with beef herd size of—										
1 to 9	564	7 643	564	3 959	564	2 101	337	2 282	387	1 402
10 to 19	141	4 794	141	3 026	141	1 812	87	(D)	98	(D)
20 to 49	85	4 885	85	2 695	85	2 374	60	1 288	73	902
50 to 99	8	(D)	8	(D)	8	(D)	6	(D)	6	(D)
100 to 199	1	(D)	1	(D)	1	(D)	1	(D)	–	–
200 to 499	–	–	–	–	–	–	–	–	–	–
500 to 999	–	–	–	–	–	–	–	–	–	–
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	621	43 438	374	23 445	(X)	(X)	488	17 598	338	2 395

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	**630**	**6 601**	**2 418**	**496**	**3 755**	**2 024**	**84**	**346**	**231**	**303**	**2 846**	**394**
Farms with beef herd size of—												
1 to 9	395	2 975	948	306	1 500	768	57	207	139	185	1 475	180
10 to 19	141	1 598	496	116	810	(D)	15	61	35	62	788	(D)
20 to 49	85	1 451	636	65	(D)	514	12	78	57	54	(D)	121
50 to 99	8	(D)	(D)	8	(D)	(D)	–	–	–	2	(D)	(D)
100 to 199	1	(D)	(D)	1	(D)	(D)	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–	–	–	–	–
500 to 999	–	–	–	–	–	–	–	–	–	–	–	–
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	528	18 248	4 006	474	7 609	3 586	33	812	602	371	10 639	420

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	**483**	**46 275**	**483**	**27 677**	**483**	**26 846**	**411**	**17 270**	**280**	**1 328**
Farms with milk cow herd size of—										
1 to 9	149	2 141	149	1 022	149	388	112	737	100	382
10 to 19	27	(D)	27	(D)	27	(D)	17	(D)	15	(D)
20 to 49	116	6 986	116	4 168	116	4 121	109	2 583	54	235
50 to 99	103	11 330	103	6 990	103	6 962	91	4 095	55	245
100 to 199	67	14 569	67	8 599	67	8 588	62	5 816	38	154
200 to 499	19	8 585	19	5 157	19	5 112	18	3 185	16	243
500 to 999	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)
1,000 or more	–	–	–	–	–	–	–	–	–	–
No milk cow herd as of Dec. 31, 1997	937	15 444	690	6 027	(X)	(X)	568	5 418	622	3 999

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	**441**	**17 497**	**2 735**	**402**	**6 002**	**378**	**11 495**	**348**	**59 625**
Farms with milk cow herd size of—									
1 to 9	107	873	312	90	469	64	404	15	(D)
10 to 19	27	(D)	(D)	26	(D)	22	(D)	27	759
20 to 49	116	2 732	379	110	900	109	1 832	115	8 520
50 to 99	103	4 692	759	94	1 593	99	3 099	103	14 398
100 to 199	67	5 055	762	63	1 810	64	3 245	67	19 949
200 to 499	19	3 281	453	17	1 120	18	2 161	19	12 856
500 to 999	2	(D)	(D)	2	(D)	2	(D)	2	(D)
1,000 or more	–	–	–	–	–	–	–	–	–
No milk cow herd as of Dec. 31, 1997	717	7 352	3 689	568	5 362	296	1 990	5	148

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	**1 158**	**24 849**	**6 424**	**970**	**11 364**	**5 610**	**117**	**1 158**	**834**	**674**	**13 485**	**814**
Farms by number of cattle and calves sold—												
1 to 9	628	2 363	1 020	503	1 572	877	89	240	160	252	791	143
10 to 19	202	2 692	970	170	1 444	811	15	113	79	136	1 248	159
20 to 49	194	6 086	1 255	171	2 438	1 038	9	147	90	162	3 648	217
50 to 99	93	6 227	1 252	88	2 527	1 096	1	(D)	(D)	87	3 700	156
100 to 199	29	3 715	651	26	1 378	572	1	(D)	(D)	28	2 337	79
200 to 499	11	(D)	(D)	11	(D)	(D)	1	(D)	(D)	9	1 761	60
500 to 999	1	(D)	(D)	1	(D)	(D)	1	(D)	(D)	–	–	–
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–	–
2,500 or more	–	–	–	–	–	–	–	–	–	–	–	–

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	383	18 297	404	16 439
Farms with—				
1 to 24	286	1 600	312	1 722
25 to 49	35	(D)	39	1 364
50 to 99	21	1 474	16	(D)
100 to 199	17	2 248	14	1 941
200 to 499	15	3 515	16	4 329
500 to 999	6	3 709	5	3 480
1,000 to 1,999	2	(D)	2	(D)
2,000 to 4,999	1	(D)	–	–
5,000 or more	–	–	–	–
Hogs and pigs used or to be used for breeding	177	2 388	187	2 480
Farms with—				
1 to 24	151	917	162	885
25 to 49	13	(D)	14	426
50 to 99	11	624	7	484
100 to 199	–	–	2	(D)
200 to 499	2	(D)	2	(D)
500 or more	–	–	–	–
Other hogs and pigs	351	15 909	373	13 959
Farms with—				
1 to 24	265	1 407	297	1 653
25 to 49	29	945	29	979
50 to 99	21	1 477	12	(D)
100 to 199	21	2 972	15	2 010
200 to 499	9	2 953	13	3 120
500 to 999	3	1 855	6	4 190
1,000 or more	3	4 300	1	(D)

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	269	23 636	2 265	296	25 564	2 342
Farms with—						
1 to 24	152	1 188	146	178	1 309	167
25 to 49	44	1 606	151	31	1 043	80
50 to 99	21	1 301	140	35	2 413	233
100 to 199	24	3 484	286	15	2 185	150
200 to 499	19	6 142	665	25	6 384	574
500 to 999	6	3 615	236	8	5 580	537
1,000 to 1,999	2	(D)	(D)	3	(D)	(D)
2,000 to 4,999	1	(D)	(D)	1	(D)	(D)
5,000 or more	–	–	–	–	–	–
5,000 to 7,499	–	–	–	–	–	–
7,500 or more	–	–	–	–	–	–
Feeder pigs sold	66	4 070	153	83	5 921	206
Farms with—						
1 to 9	16	91	3	19	(D)	3
10 to 24	19	292	12	16	248	10
25 to 49	11	391	14	18	600	22
50 to 99	9	530	23	12	792	31
100 to 199	8	1 226	51	12	1 794	61
200 to 499	–	–	–	5	1 155	(D)
500 to 999	3	1 540	50	–	–	–
1,000 or more	–	–	–	1	(D)	(D)
1,000 to 1,999	–	–	–	1	(D)	(D)
2,000 or more	–	–	–	–	–	–
Hogs and pigs other than feeder pigs sold	242	19 566	2 112	264	19 643	2 136
Farms with—						
1 to 24	146	1 008	143	180	1 143	166
25 to 49	38	1 360	148	26	858	89
50 to 99	19	1 180	155	25	1 723	223
100 to 199	18	2 712	300	6	832	93
200 to 499	16	5 553	597	16	4 313	475
500 to 999	2	(D)	(D)	8	5 374	530
1,000 to 1,999	2	(D)	(D)	2	(D)	(D)
2,000 to 4,999	1	(D)	(D)	1	(D)	(D)
5,000 or more	–	–	–	–	–	–
5,000 to 7,499	–	–	–	–	–	–
7,500 or more	–	–	–	–	–	–

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	180	2 795	196	3 450
Farms with—				
1 to 9	118	395	139	472
10 to 19	24	(D)	15	204
20 to 49	18	500	25	694
50 to 99	18	1 085	10	600
100 to 199	1	(D)	4	470
200 to 499	1	(D)	3	1 010
500 to 999	–	–	–	–
1,000 or more	–	–	–	–
Dec. 1 of preceding year and May 31	154	1 457	171	1 843
June 1 and Nov. 30	132	1 338	145	1 607

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	383	18 297	177	2 388	351	15 909	253	23 521	2 242	66	4 070	153
Farms with—												
1 to 24	286	1 600	100	389	254	1 211	156	2 282	245	33	565	18
25 to 49	35	(D)	30	(D)	35	975	35	1 513	143	10	(D)	(D)
50 to 99	21	1 474	17	239	21	1 235	21	2 582	302	11	683	29
100 to 199	17	2 248	12	283	17	1 965	17	3 837	339	5	1 160	38
200 to 499	15	3 515	11	520	15	2 995	15	4 254	377	5	826	35
500 to 999	6	3 709	6	481	6	3 228	6	2 753	195	2	(D)	(D)
1,000 to 1,999	2	(D)	1	(D)	2	(D)	2	(D)	(D)	–	–	–
2,000 to 4,999	1	(D)	–	–	1	(D)	1	(D)	(D)	–	–	–
5,000 or more	–	–	–	–	–	–	–	–	–	–	–	–
No hogs or pigs on Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	16	115	23	–	–	–

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	**253**	**17 919**	**156**	**2 330**	**231**	**15 589**	**269**	**23 636**	**2 265**	**66**	**4 070**	**153**
Farms with sales of—												
1 to 9	88	559	28	(D)	84	(D)	100	405	60	8	43	2
10 to 24	48	675	32	125	43	550	52	783	86	16	175	7
25 to 49	44	1 116	35	235	33	881	44	1 606	151	14	366	12
50 to 99	21	1 198	18	201	20	997	21	1 301	140	8	258	11
100 to 199	24	2 735	22	519	23	2 216	24	3 484	286	10	1 221	47
200 to 499	19	5 251	15	694	19	4 557	19	6 142	665	6	301	15
500 to 999	6	1 873	5	265	6	1 608	6	3 615	236	4	1 706	60
1,000 or more	3	4 512	1	(D)	3	(D)	3	6 300	641	–	–	–
1,000 to 1,999	2	(D)	–	–	2	(D)	2	(D)	(D)	–	–	–
2,000 to 4,999	1	(D)	1	(D)	1	(D)	1	(D)	(D)	–	–	–
5,000 to 7,499	–	–	–	–	–	–	–	–	–	–	–	–
7,500 or more	–	–	–	–	–	–	–	–	–	–	–	–
None sold	130	378	21	58	120	320	(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	179	12 379	176	(D)	148	(D)	160	17 300	1 597	66	4 070	153
Farms with—												
1 to 9	117	1 527	115	508	87	1 019	98	2 223	217	39	663	24
10 to 19	24	(D)	24	(D)	23	995	24	(D)	(D)	10	(D)	(D)
20 to 49	18	2 042	17	349	18	1 693	18	3 030	314	10	897	36
50 to 99	18	5 602	18	1 004	18	4 598	18	6 685	530	6	2 066	74
100 to 199	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
200 to 499	1	(D)	1	(D)	1	(D)	1	(D)	(D)	–	–	–
500 to 999	–	–	–	–	–	–	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–	–	–	–	–	–	–
No litters farrowed	204	5 918	1	(D)	203	(D)	109	6 336	668	–	–	–

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	180	2 795	154	1 457	132	1 338
Farms with—						
1 to 9	118	395	100	227	73	168
10 to 19	24	(D)	17	(D)	23	(D)
20 to 49	18	500	17	286	16	214
50 to 99	18	1 085	18	563	18	522
100 to 199	1	(D)	1	(D)	1	(D)
200 to 499	1	(D)	1	(D)	1	(D)
500 to 999	–	–	–	–	–	–
1,000 or more	–	–	–	–	–	–

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	431	8 348	520	11 341
Farms with—				
1 to 24	331	2 981	381	3 402
25 to 99	94	4 255	124	5 333
100 to 299	5	(D)	14	(D)
300 to 999	1	(D)	1	(D)
1,000 to 2,499	–	–	–	–
2,500 to 4,999	–	–	–	–
5,000 or more	–	–	–	–
Ewes 1 year old or older	364	5 374	425	7 029
Sheep and lambs shorn	335	6 843	415	8 386
Pounds of wool	(X)	51 056	(X)	61 619
Sheep and lambs sold	350	6 756	410	8 846
Value of sales from sheep, lambs, and wool ($1,000)	396	475	466	557

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	**431**	**8 348**	**364**	**5 374**	**332**	**6 814**	**50 837**	**332**	**6 587**	**378**	**467**
Farms with inventory of—											
1 to 24	331	2 981	271	1 861	240	2 301	17 099	232	2 690	278	176
25 to 99	94	4 255	87	2 672	86	3 272	25 511	94	2 959	94	212
100 to 299	5	(D)	5	(D)	5	(D)	(D)	5	(D)	5	(D)
300 to 999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
1,000 to 2,499	–	–	–	–	–	–	–	–	–	–	–
2,500 to 4,999	–	–	–	–	–	–	–	–	–	–	–
5,000 or more	–	–	–	–	–	–	–	–	–	–	–
No sheep and lambs as of Dec. 31, 1997	(X)	(X)	(X)	(X)	3	29	219	18	169	18	8

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	**364**	**7 750**	**364**	**5 374**	**318**	**6 769**	**50 468**	**300**	**6 105**	**340**	**438**
Farms with inventory of—											
1 to 24	304	3 786	304	2 418	258	3 084	23 150	240	3 267	280	218
25 to 99	58	(D)	58	(D)	58	(D)	(D)	58	(D)	58	(D)
100 to 199	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
200 to 499	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
500 to 999	–	–	–	–	–	–	–	–	–	–	–
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	67	598	(X)	(X)	17	74	588	50	651	56	38

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	1 196	1 180	232	274
number	9 410	9 017	1 642	693
$1,000	(X)	(X)	3 039	1 497
Mules, burros, and donkeys ... farms	92	87	20	11
number	296	297	72	22
$1,000	(X)	(X)	51	15
Colonies of bees ... farms	282	328	13	10
number	6 670	7 802	107	256
Honey sold ... farms	(X)	(X)	122	123
pounds	(X)	(X)	359 008	341 255
Bees and honey sold ... farms	(X)	(X)	129	128
$1,000	(X)	(X)	327	261
Goats ... farms	238	228	79	80
number	2 490	2 986	850	1 405
Angora goats ... farms	12	13	2	6
number	88	90	(D)	10
Mohair sold ... farms	(X)	(X)	6	9
pounds	(X)	(X)	683	441
Angora goats and mohair sold ... farms	(X)	(X)	6	13
$1,000	(X)	(X)	(D)	(D)
Milk goats ... farms	86	77	32	29
number	1 090	1 400	(D)	303
Goats milk sold ... farms	(X)	(X)	32	31
gallons	(X)	(X)	57 513	132 253
Milk goats and goats milk sold ... farms	(X)	(X)	49	47
$1,000	(X)	(X)	338	504
Other goats ... farms	177	167	51	55
number	1 312	1 496	494	1 092
$1,000	(X)	(X)	27	56
Mink and their pelts ... farms	3	3	2	2
number	(D)	(D)	(D)	(D)
$1,000	(X)	(X)	(D)	(D)
Rabbits and their pelts ... farms	95	128	39	46
number	10 247	4 984	13 473	14 574
$1,000	(X)	(X)	288	152
Fish and other aquaculture products sold ... farms	(X)	(X)	70	13
$1,000	(X)	(X)	3 667	855
Other livestock and livestock products ... farms	58	21	27	21
$1,000	(X)	(X)	4 271	6 362

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)	11	59	131.9	5	80	116	58.7	83	4 696	121.7
Corn for silage or green chop (tons, green)	5	17	19.7	3	32	13	18.9	395	22 751	19.5
Sorghum for grain or seed (bushels)	–	–	–	–	–	–	–	–	–	–
Wheat for grain (bushels)	–	–	–	–	–	–	–	–	–	–
Oats for grain (bushels)	–	–	–	–	–	–	–	12	96	40.5
Barley for grain (bushels)	–	–	–	–	–	–	–	2	(D)	(D)
Rice (cwt)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	–	–	–	–	–	–	–	7	214	38.6
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry edible beans, excluding dry limas (cwt)	4	4	14.5	–	–	–	–	8	33	7.2
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	21	738	1 507.8	5	51	28	1 700.7	42	359	1 765.7
Potatoes, excluding sweetpotatoes (cwt)	32	56	(D)	8	344	146	(D)	53	2 417	260.3
Sugar beets for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Sugarcane for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	5	23	1.7	3	8	28	.8	594	17 131	2.3
Tame hay other than alfalfa, small grain, and wild hay (tons, dry) (see text)	13	(D)	(D)	1	(D)	(D)	(D)	1 457	57 027	1.8
Wild hay (tons, dry)	8	(D)	(D)	–	–	–	–	421	(D)	(D)
Vegetables harvested for sale (see text)	262	2 552	(X)	141	3 170	3 512	(X)	532	6 806	(X)
Land in orchards	54	283	(X)	19	301	779	(X)	358	5 183	(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)	99	4 951	590 748	16	139	111	4 893	488 921	5	54
Corn for silage or green chop (tons, green)	403	22 813	445 811	8	49	531	25 861	470 201	9	46
1 to 14 acres	108	790	11 809	7	(D)	174	1 217	19 674	6	(D)
15 to 24 acres	61	1 102	17 708	–	–	63	1 186	21 458	–	–
25 to 49 acres	99	3 432	85 377	1	(D)	131	4 452	74 216	3	(D)
50 to 99 acres	58	3 866	70 111	–	–	89	5 974	107 811	–	–
100 to 249 acres	68	9 521	186 007	–	–	65	9 162	181 872	–	–
250 to 499 acres	6	2 002	38 299	–	–	5	1 550	29 920	–	–
500 to 999 acres	2	(D)	(D)	–	–	4	2 320	35 250	–	–
1,000 acres or more	1	(D)	(D)	–	–	–	–	–	–	–
Tobacco (pounds)	68	1 176	1 881 034	26	789	27	400	624 961	8	154
0.1 to 0.9 acres	3	(D)	(D)	2	(D)	–	–	–	–	–
1.0 to 1.9 acres	2	(D)	(D)	–	–	3	(D)	(D)	–	–
2.0 to 2.9 acres	8	18	33 616	1	(D)	3	6	(D)	–	–
3.0 to 4.9 acres	15	51	91 724	4	15	5	19	34 102	–	–
5.0 to 9.9 acres	12	76	135 740	1	(D)	4	(D)	26 653	2	(D)
10.0 to 24.9 acres	14	232	394 136	8	119	6	78	136 089	2	(D)
25.0 to 49.9 acres	8	222	370 142	5	136	3	80	98 000	3	80
50.0 acres or more	6	574	849 894	5	(D)	3	191	314 941	1	(D)
Potatoes, excluding sweetpotatoes (cwt)	93	2 964	789 847	40	400	102	3 520	812 469	24	259
0.1 to 0.9 acres	30	8	1 118	14	3	36	(D)	(D)	13	5
1.0 to 4.9 acres	34	48	7 099	18	25	26	49	9 612	6	10
5.0 to 14.9 acres	11	85	17 034	4	24	18	123	26 406	2	(D)
15.0 to 24.9 acres	6	120	21 966	1	(D)	4	80	19 820	–	–
25.0 to 49.9 acres	3	110	22 580	1	(D)	8	269	59 475	1	(D)
50.0 to 99.9 acres	3	186	49 300	1	(D)	2	(D)	(D)	1	(D)
100.0 acres or more	6	2 407	670 750	1	(D)	8	2 885	669 000	1	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	2 168	100 218	181 885	31	490	2 269	103 596	213 589	29	391
1 to 14 acres	713	5 460	8 671	22	(D)	684	5 314	9 237	17	71
15 to 24 acres	364	6 606	10 624	7	93	402	7 398	13 226	1	(D)
25 to 49 acres	483	16 233	26 926	1	(D)	540	18 075	33 316	8	220
50 to 99 acres	322	20 918	39 331	–	–	339	22 165	46 602	2	(D)
100 to 249 acres	237	33 949	65 100	–	–	260	35 751	76 487	1	(D)
250 to 499 acres	45	14 319	26 379	1	(D)	39	11 757	27 146	–	–
500 to 999 acres	4	2 733	4 854	–	–	5	3 136	7 575	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	602	17 190	39 136	8	31	974	30 490	79 053	12	185
1 to 14 acres	261	(D)	(D)	7	(D)	390	2 893	6 215	5	21
15 to 24 acres	122	2 198	5 172	1	(D)	171	3 110	7 551	2	(D)
25 to 49 acres	121	3 973	9 208	–	–	218	7 260	17 169	2	(D)
50 to 99 acres	61	3 912	9 027	–	–	128	7 831	20 050	2	(D)
100 to 249 acres	36	4 813	11 300	–	–	62	7 941	21 243	1	(D)
250 to 499 acres	1	(D)	(D)	–	–	5	1 455	6 825	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Small grain hay (tons, dry)	68	1 038	1 451	2	(D)	66	864	1 593	4	32
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	1 471	57 130	102 752	14	93	1 386	52 552	99 530	12	116
1 to 14 acres	488	(D)	(D)	11	31	459	(D)	(D)	9	31
15 to 24 acres	262	4 852	7 587	2	(D)	255	4 737	8 652	–	–
25 to 49 acres	347	11 492	19 702	1	(D)	335	11 019	19 958	3	85
50 to 99 acres	227	14 459	27 968	–	–	211	13 950	27 066	–	–
100 to 249 acres	132	17 677	34 103	–	–	114	15 135	29 471	–	–
250 to 499 acres	14	4 068	6 786	–	–	11	3 581	6 301	–	–
500 to 999 acres	1	(D)	(D)	–	–	1	(D)	(D)	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Wild hay (tons, dry)	429	10 483	12 577	8	(D)	332	7 900	10 809	6	(D)
Grass silage, haylage, and green chop hay (tons, green)	254	14 377	77 890	3	(D)	232	11 790	67 811	2	(D)
Vegetables harvested for sale (see text)	935	16 039	(X)	403	5 721	995	16 577	(X)	281	4 507
0.1 to 0.9 acres	89	43	(X)	47	21	78	(D)	(X)	21	(D)
1.0 to 4.9 acres	340	786	(X)	116	229	377	891	(X)	86	176
5.0 to 14.9 acres	237	1 932	(X)	86	574	248	2 113	(X)	51	373
15.0 to 24.9 acres	85	1 588	(X)	41	522	103	1 934	(X)	35	538
25.0 to 49.9 acres	106	3 671	(X)	67	1 482	103	3 637	(X)	44	987
50.0 to 99.9 acres	52	3 428	(X)	29	1 151	57	3 674	(X)	26	850
100.0 to 249.9 acres	23	3 703	(X)	14	1 333	28	3 862	(X)	17	1 495
250.0 to 499.9 acres	3	889	(X)	3	411	1	(D)	(X)	1	(D)
500.0 to 749.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
750.0 to 999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
1,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
1,000.0 to 1,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
2,000.0 to 2,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
3,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
Sweet corn	500	6 800	(X)	206	2 623	549	7 598	(X)	136	2 063
Berries harvested for sale	969	15 047	(X)	733	14 275	949	13 471	(X)	639	(D)
Cranberries (cwt)	542	13 732	2 039 538	542	13 732	479	12 186	1 789 781	479	12 186

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	431	6 546	(X)	73	584	525	7 848	(X)	60	476
0.1 to 0.9 acres	66	(D)	(X)	20	9	47	(D)	(X)	11	5
1.0 to 4.9 acres	162	363	(X)	22	43	239	511	(X)	19	37
5.0 to 14.9 acres	110	832	(X)	11	73	128	1 025	(X)	14	82
15.0 to 24.9 acres	24	470	(X)	3	(D)	24	448	(X)	2	(D)
25.0 to 49.9 acres	30	968	(X)	8	137	45	1 562	(X)	7	100
50.0 to 99.9 acres	25	1 702	(X)	6	149	27	1 754	(X)	5	103
100.0 to 249.9 acres	13	1 921	(X)	3	(D)	13	1 948	(X)	1	(D)
250.0 to 499.9 acres	1	(D)	(X)	–	–	2	(D)	(X)	1	(D)
500.0 to 749.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
750.0 to 999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
1,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
1,000.0 to 1,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
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	388	5 795	579 004	236	81 317	357	497 687	315	57 230 217
1992	477	7 035	612 238	264	108 944	443	503 294	346	85 527 484
1997 acres harvested:									
0.1 to 0.9 acres	67	25	1 654	33	407	57	1 247	44	62 557
1.0 to 4.9 acres	145	313	20 914	90	6 194	129	14 720	109	1 107 940
5.0 to 14.9 acres	89	660	62 261	53	10 213	86	52 048	78	3 450 717
15.0 to 24.9 acres	23	456	34 241	16	6 618	21	27 623	20	3 844 585
25.0 to 49.9 acres	30	933	96 628	20	9 030	30	87 598	30	10 915 792
50.0 to 99.9 acres	22	1 485	157 582	16	23 191	22	134 391	22	18 725 986
100.0 acres or more	12	1 924	205 724	8	25 664	12	180 060	12	19 122 640
1992 acres harvested:									
0.1 to 0.9 acres	63	28	1 717	33	572	49	1 145	34	49 616
1.0 to 4.9 acres	200	422	28 497	98	6 116	184	22 381	127	1 640 877
5.0 to 14.9 acres	110	863	64 316	60	11 909	106	52 407	91	5 264 985
15.0 to 24.9 acres	22	399	30 592	13	4 235	22	26 357	16	2 324 786
25.0 to 49.9 acres	45	1 504	112 464	31	17 040	45	95 424	41	17 615 620
50.0 to 99.9 acres	23	1 492	153 900	18	31 040	23	122 860	23	20 820 000
100.0 acres or more	14	2 327	220 752	11	38 032	14	182 720	14	37 811 600

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	708	12 441 420	949	6 891	1 375	128 192
1992	654	10 858 949	502	3 834	920	88 018
1997 value of sales:						
$1 to $2,499 sales	68	94 657	340	1 363	386	325
$2,500 to $9,999 sales	128	334 575	214	1 177	296	1 550
$10,000 to $39,999 sales	198	1 211 859	198	1 121	324	6 864
$40,000 to $99,999 sales	147	2 056 706	89	587	177	10 547
$100,000 to $199,999 sales	75	1 692 302	43	276	85	11 133
$200,000 to $499,999 sales	51	2 293 791	30	403	56	17 083
$500,000 sales or more	41	4 757 530	35	1 964	51	80 690
1992 value of sales:						
$1 to $2,499 sales	75	90 341	115	175	169	193
$2,500 to $9,999 sales	127	359 724	132	194	216	1 151
$10,000 to $39,999 sales	201	1 249 813	114	453	258	5 512
$40,000 to $99,999 sales	118	1 756 897	66	331	129	8 167
$100,000 to $199,999 sales	56	1 669 447	22	261	63	8 494
$200,000 to $499,999 sales	46	1 933 200	34	844	52	15 139
$500,000 sales or more	31	3 799 527	19	1 576	33	49 363

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	1997	615	11 082 491	352	706	760	85 213
	1992	581	9 713 079	268	568	691	57 387
1997 value of sales:							
$1 to $2,499 sales		59	48 999	77	35	117	123
$2,500 to $9,999 sales		119	287 161	78	80	161	843
$10,000 to $39,999 sales		166	1 000 191	82	160	197	4 009
$40,000 to $99,999 sales		127	1 741 247	51	108	136	7 728
$100,000 to $199,999 sales		70	1 614 566	29	42	72	9 426
$200,000 to $499,999 sales		44	2 113 067	17	29	45	13 946
$500,000 sales or more		30	4 277 260	18	253	32	49 138
1992 value of sales:							
$1 to $2,499 sales		71	55 470	83	81	137	138
$2,500 to $9,999 sales		123	326 594	64	66	151	765
$10,000 to $39,999 sales		181	1 128 552	48	101	192	4 082
$40,000 to $99,999 sales		103	1 620 105	40	90	107	7 012
$100,000 to $199,999 sales		49	1 544 281	11	23	50	6 802
$200,000 to $499,999 sales		34	1 566 600	13	53	34	10 084
$500,000 sales or more		20	3 471 477	9	154	20	28 504
Bedding/garden plants	1997	544	6 357 534	229	470	634	53 145
	1992	487	5 028 360	108	265	519	26 127
1997 value of sales:							
$1 to $2,499 sales		61	59 949	43	20	93	95
$2,500 to $9,999 sales		120	283 519	57	48	146	755
$10,000 to $39,999 sales		163	1 137 500	53	81	182	3 781
$40,000 to $99,999 sales		100	1 268 081	32	57	108	6 184
$100,000 sales or more		100	3 608 485	44	264	105	42 328
1992 value of sales:							
$1 to $2,499 sales		62	40 024	22	15	75	82
$2,500 to $9,999 sales		111	284 978	24	25	120	620
$10,000 to $39,999 sales		176	1 109 007	25	42	182	3 635
$40,000 to $99,999 sales		83	1 145 700	19	44	86	5 154
$100,000 sales or more		55	2 448 651	18	139	56	16 636
Cut flowers and cut florist greens	1997	50	1 079 546	101	155	130	6 309
	1992	64	1 225 690	129	170	173	7 703
Foliage plants	1997	44	516 540	10	11	50	2 802
	1992	66	531 280	14	13	73	2 680
Potted flowering plants	1997	201	3 128 871	58	71	234	22 958
	1992	230	2 927 749	55	120	257	20 878
1997 value of sales:							
$1 to $2,499 sales		24	21 432	16	5	40	48
$2,500 to $9,999 sales		32	61 204	12	8	39	193
$10,000 to $39,999 sales		71	381 564	9	12	77	1 481
$40,000 to $99,999 sales		24	359 210	7	16	26	1 516
$100,000 to $199,999 sales		21	564 184	4	(D)	23	2 978
$200,000 to $499,999 sales		22	805 257	8	16	22	7 392
$500,000 sales or more		7	936 020	2	(D)	7	9 349
1992 value of sales:							
$1 to $2,499 sales		39	37 292	17	6	51	58
$2,500 to $9,999 sales		41	89 155	11	9	47	239
$10,000 to $39,999 sales		77	514 673	13	26	84	1 625
$40,000 to $99,999 sales		39	519 254	5	9	40	2 323
$100,000 to $199,999 sales		15	348 840	3	(D)	16	2 144
$200,000 to $499,999 sales		9	328 810	2	(D)	9	2 505
$500,000 sales or more		10	1 089 725	4	(D)	10	11 983
Cut Christmas trees harvested	1997	(X)	(X)	380	142	380	2 239
Nursery crops	1997	33	409 906	197	2 174	208	31 013
	1992	41	509 749	245	2 707	255	26 696

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	5 574	5	29	149	534
	percent	100.0	.1	.5	2.7	9.6
Land in farms	acres	518 299	(D)	25 099	64 878	143 804
Average size of farm	acres	93	(D)	865	435	269
Estimated market value of land and buildings[1]	farms	5 571	5	29	149	492
	$1,000	2 534 884	68 603	125 477	366 505	676 565
Average per farm	dollars	455 014	13 720 660	4 326 790	2 459 766	1 375 131
Average per acre	dollars	5 207	(D)	4 999	5 649	4 838
Estimated market value of all machinery and equipment[1]	$1,000	225 043	7 150	14 031	37 057	75 850
	percent	100.0	3.2	6.2	16.5	33.7
Land in farms according to use:						
Total cropland	acres	223 573	3 148	7 997	29 259	71 727
Harvested cropland	acres	168 765	2 992	7 555	26 402	62 235
Pastureland, excluding woodland pastured	acres	63 654	–	(D)	2 554	11 200
Market value of agricultural products sold	$1,000	454 404	45 614	113 965	227 241	340 976
Average per farm	dollars	81 522	9 122 892	3 929 831	1 525 109	638 531
Grains	farms	81	–	–	9	16
	$1,000	1 310	–	–	(D)	787
Cotton and cottonseed	farms	–	–	–	–	–
	$1,000	–	–	–	–	–
Tobacco	farms	68	–	4	14	36
	$1,000	23 807	–	11 904	17 485	22 201
Hay, silage, and field seeds	farms	1 435	–	–	13	69
	$1,000	11 056	–	–	871	1 920
Vegetables, sweet corn, and melons	farms	931	–	1	23	115
	$1,000	37 438	–	(D)	7 812	19 595
Fruits, nuts, and berries	farms	1 142	2	9	56	225
	$1,000	148 247	(D)	37 718	80 742	119 446
Nursery and greenhouse crops	farms	1 375	3	12	53	172
	$1,000	128 192	(D)	47 519	79 427	102 861
Other crops	farms	300	–	1	7	33
	$1,000	7 326	–	(D)	5 023	5 818
Poultry and poultry products	farms	375	–	4	9	20
	$1,000	15 900	–	9 022	11 823	13 758
Dairy products	farms	353	–	1	21	123
	$1,000	59 773	–	(D)	16 412	43 529
Cattle and calves	farms	1 158	–	1	25	145
	$1,000	6 424	–	(D)	1 122	2 610
Hogs and pigs	farms	269	–	1	3	10
	$1,000	2 265	–	(D)	(D)	687
Sheep, lambs, and wool	farms	396	–	–	1	10
	$1,000	475	–	–	(D)	58
Other livestock and livestock products (see text)	farms	557	–	1	5	22
	$1,000	12 190	–	(D)	6 077	7 704
Total farm production expenses[1]	farms	5 565	5	29	149	492
	$1,000	311 068	25 364	69 829	143 184	217 205
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	1 075	–	3	23	90
	$1,000	7 408	–	700	2 341	4 552
Feed for livestock and poultry	farms	2 161	–	5	34	160
	$1,000	31 880	–	4 001	9 118	19 807
Commercial fertilizer	farms	3 478	5	25	135	454
	$1,000	10 273	617	1 769	4 152	6 824
Agricultural chemicals	farms	2 425	5	25	129	428
	$1,000	8 299	1 017	2 106	3 915	6 114
Petroleum products	farms	5 245	5	27	147	483
	$1,000	14 893	940	2 573	5 900	9 193
Electricity	farms	3 690	5	29	147	475
	$1,000	7 715	236	920	2 625	4 555
Hired farm labor	farms	2 188	5	29	146	461
	$1,000	81 630	7 621	25 188	48 474	68 677
Interest	farms	1 580	4	21	129	367
	$1,000	15 766	263	1 501	5 974	9 817
Payments from government programs	farms	401	–	–	18	107
	$1,000	1 209	–	–	229	654
Inventory of selected livestock:						
Cattle and calves	farms	1 420	–	1	27	151
	number	61 719	–	(D)	10 065	30 640
Milk cows	farms	483	–	1	22	124
	number	26 846	–	(D)	5 727	17 358
Hogs and pigs	farms	383	–	1	5	16
	number	18 297	–	(D)	(D)	4 938

[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..	5 574	3 791	1 313	470	2 587	1 466	828	293
percent..	100.0	68.0	23.6	8.4	46.4	26.3	14.9	5.3
Land in farms ..... acres..	518 299	276 129	212 684	29 486	336 875	140 646	170 978	25 251
Average size of farm ..... acres..	93	73	162	63	130	96	206	86
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms..	5 574	3 791	1 313	470	2 587	1 466	828	293
$1,000..	454 404	249 533	162 267	42 603	445 621	243 236	160 413	41 973
Average per farm ..... dollars..	81 522	65 823	123 585	90 645	172 254	165 918	193 735	143 252
Farms by value of sales:								
Less than $1,000 (see text)	895	758	98	39	–	–	–	–
$1,000 to $2,499	721	576	103	42	–	–	–	–
$2,500 to $4,999	664	516	115	33	–	–	–	–
$5,000 to $9,999	707	475	169	63	–	–	–	–
$10,000 to $19,999	600	393	143	64	600	393	143	64
$20,000 to $24,999	153	83	47	23	153	83	47	23
$25,000 to $39,999	358	222	91	45	358	222	91	45
$40,000 to $49,999	149	101	34	14	149	101	34	14
$50,000 to $99,999	468	247	165	56	468	247	165	56
$100,000 to $249,999	484	254	185	45	484	254	185	45
$250,000 to $499,999	203	78	98	27	203	78	98	27
$500,000 to $999,999	98	45	43	10	98	45	43	10
$1,000,000 to $2,499,999	53	28	16	9	53	28	16	9
$2,500,000 to $4,999,999	16	12	4	–	16	12	4	–
$5,000,000 or more	5	3	2	–	5	3	2	–
Grains ..... farms..	81	34	38	9	57	16	34	7
$1,000..	1 310	179	(D)	(D)	(D)	(D)	940	(D)
Sales of $50,000 or more ..... farms..	8	1	6	1	8	1	6	1
$1,000..	847	(D)	(D)	(D)	847	(D)	(D)	(D)
Corn for grain ..... farms..	58	21	32	5	47	13	29	5
$1,000..	1 180	105	(D)	(D)	1 163	(D)	887	(D)
Wheat ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Soybeans ..... farms..	5	3	2	–	5	3	2	–
$1,000..	(D)	33	(D)	–	(D)	33	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Oats ..... farms..	2	–	1	1	2	–	1	1
$1,000..	(D)	–	(D)	(D)	(D)	–	(D)	(D)
Other grains ..... farms..	23	13	7	3	10	3	6	1
$1,000..	76	41	(D)	(D)	67	(D)	(D)	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	68	21	40	7	66	19	40	7
$1,000..	23 807	8 905	13 301	1 602	(D)	(D)	13 301	1 602
Sales of $50,000 or more ..... farms..	50	14	30	6	50	14	30	6
$1,000..	23 397	(D)	13 005	(D)	23 397	(D)	13 005	(D)
Hay, silage, and field seeds ..... farms..	1 435	827	517	91	553	196	299	58
$1,000..	11 056	3 557	6 066	1 433	8 713	2 028	5 355	1 330
Sales of $50,000 or more ..... farms..	34	6	26	2	34	6	26	2
$1,000..	2 949	(D)	1 949	(D)	2 949	(D)	1 949	(D)
Vegetables, sweet corn, and melons ..... farms..	931	464	347	120	687	293	302	92
$1,000..	37 438	8 899	24 886	3 652	36 496	8 267	24 718	3 511
Sales of $50,000 or more ..... farms..	198	48	128	22	198	48	128	22
$1,000..	28 238	4 610	21 464	2 163	28 238	4 610	21 464	2 163
Fruits, nuts, and berries ..... farms..	1 142	873	185	84	818	574	170	74
$1,000..	148 247	114 066	23 546	10 635	147 386	113 272	23 510	10 604
Sales of $50,000 or more ..... farms..	407	305	70	32	407	305	70	32
$1,000..	140 561	108 228	22 413	9 920	140 561	108 228	22 413	9 920
Nursery and greenhouse crops ..... farms..	1 375	1 020	239	116	823	537	199	87
$1,000..	128 192	81 333	34 053	12 806	126 801	80 116	33 963	12 722
Sales of $50,000 or more ..... farms..	311	210	64	37	311	210	64	37
$1,000..	116 922	73 311	31 821	11 790	116 922	73 311	31 821	11 790
Other crops ..... farms..	300	140	132	28	154	44	92	18
$1,000..	7 326	781	5 637	908	6 983	583	5 516	884
Sales of $50,000 or more ..... farms..	13	4	7	2	13	4	7	2
$1,000..	5 886	(D)	4 783	(D)	5 886	(D)	4 783	(D)
Poultry and poultry products ..... farms..	375	258	93	24	130	72	42	16
$1,000..	15 900	13 085	2 086	729	15 759	12 979	2 057	723
Sales of $50,000 or more ..... farms..	24	16	4	4	24	16	4	4
$1,000..	14 853	12 336	1 858	659	14 853	12 336	1 858	659
Dairy products ..... farms..	353	79	238	36	345	76	233	36
$1,000..	59 773	7 492	44 305	7 977	59 757	7 486	44 295	7 977
Sales of $50,000 or more ..... farms..	275	41	206	28	275	41	206	28
$1,000..	57 788	6 482	43 548	7 759	57 788	6 482	43 548	7 759
Cattle and calves ..... farms..	1 158	528	538	92	563	160	341	62
$1,000..	6 424	1 862	3 961	601	5 195	1 143	3 515	537
Sales of $50,000 or more ..... farms..	11	1	8	2	11	1	8	2
$1,000..	1 526	(D)	1 195	(D)	1 526	(D)	1 195	(D)

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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	269	160	94	15	106	51	49	6
$1,000..	2 265	1 289	820	157	1 954	1 070	752	133
Sales of $50,000 or more ..... farms..	7	4	3	–	7	4	3	–
$1,000..	905	466	439	–	905	466	439	–
Sheep, lambs, and wool ..... farms..	396	278	95	23	88	47	34	7
$1,000..	475	282	(D)	(D)	149	(D)	84	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	387	103	67	201	113	57	31
$1,000..	12 190	7 803	2 504	1 883	11 341	7 169	2 407	1 765
Sales of $50,000 or more ..... farms..	26	14	5	7	26	14	5	7
$1,000..	9 298	5 900	1 958	1 440	9 298	5 900	1 958	1 440
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 226	727	386	113	637	291	268	78
$1,000..	19 825	5 901	11 434	2 489	18 838	5 210	11 233	2 394
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	5 565	3 879	1 252	434	2 584	1 441	833	310
$1,000..	311 068	164 227	118 262	28 579	290 060	147 386	114 573	28 101
Average per farm ..... dollars..	55 897	42 337	94 459	65 849	112 252	102 281	137 542	90 650
Livestock and poultry purchased ..... farms..	1 075	627	378	70	495	188	262	45
$1,000..	7 408	2 876	3 130	1 402	6 808	2 400	3 045	1 364
Farms with expenses of—								
$1 to $4,999	831	524	271	36	276	106	156	14
$5,000 to $24,999	180	83	71	26	155	62	70	23
$25,000 to $99,999	52	16	31	5	52	16	31	5
$100,000 to $249,999	8	3	4	1	8	3	4	1
$250,000 or more	4	1	1	2	4	1	1	2
Feed for livestock and poultry ..... farms..	2 161	1 372	670	119	872	342	441	89
$1,000..	31 880	11 423	17 083	3 374	30 068	10 049	16 701	3 318
Farms with expenses of—								
$1 to $4,999	1 590	1 164	364	62	346	170	144	32
$5,000 to $24,999	241	123	102	16	197	88	93	16
$25,000 to $99,999	259	74	156	29	258	73	156	29
$100,000 to $249,999	58	5	42	11	58	5	42	11
$250,000 or more	13	6	6	1	13	6	6	1
Commercially mixed formula feeds ..... farms..	1 492	865	533	94	710	267	371	72
$1,000..	23 392	8 334	12 387	2 671	22 746	7 881	12 216	2 649
Farms with expenses of—								
$1 to $4,999	1 016	705	272	39	246	118	111	17
$5,000 to $24,999	238	92	129	17	226	81	128	17
$25,000 to $99,999	192	60	102	30	192	60	102	30
$100,000 or more	46	8	30	8	46	8	30	8
Seeds, bulbs, plants, and trees ..... farms..	2 422	1 397	762	263	1 583	767	623	193
$1,000..	15 829	8 424	5 935	1 471	15 524	8 205	5 883	1 436
Farms with expenses of—								
$1 to $999	1 441	936	392	113	678	354	266	58
$1,000 to $4,999	603	276	214	113	528	229	201	98
$5,000 to $24,999	282	142	116	24	281	141	116	24
$25,000 to $49,999	47	17	23	7	47	17	23	7
$50,000 or more	49	26	17	6	49	26	17	6
Commercial fertilizer ..... farms..	3 478	2 218	967	293	2 112	1 119	746	247
$1,000..	10 273	3 748	5 434	1 090	9 680	3 337	5 261	1 082
Farms with expenses of—								
$1 to $4,999	3 061	2 093	741	227	1 695	994	520	181
$5,000 to $24,999	343	105	178	60	343	105	178	60
$25,000 to $49,999	49	13	31	5	49	13	31	5
$50,000 or more	25	7	17	1	25	7	17	1
Agricultural chemicals ..... farms..	2 425	1 562	623	240	1 687	940	547	200
$1,000..	8 299	4 568	3 055	676	8 071	4 362	3 037	673
Farms with expenses of—								
$1 to $4,999	2 123	1 427	485	211	1 385	805	409	171
$5,000 to $24,999	242	100	116	26	242	100	116	26
$25,000 to $49,999	37	22	13	2	37	22	13	2
$50,000 or more	23	13	9	1	23	13	9	1
Petroleum products ..... farms..	5 245	3 588	1 231	426	2 506	1 370	829	307
$1,000..	14 893	7 853	5 398	1 642	13 534	6 852	5 095	1 587
Farms with expenses of—								
$1 to $4,999	4 665	3 353	958	354	1 928	1 137	556	235
$5,000 to $24,999	498	192	244	62	496	190	244	62
$25,000 to $49,999	45	21	19	5	45	21	19	5
$50,000 or more	37	22	10	5	37	22	10	5
Gasoline and gasohol ..... farms..	4 313	2 949	1 007	357	2 043	1 108	681	254
$1,000..	4 901	2 473	1 867	561	4 116	1 908	1 683	525
Diesel fuel ..... farms..	3 107	1 957	932	218	1 736	876	680	180
$1,000..	3 264	1 360	1 601	302	2 925	1 111	1 518	297
Natural gas ..... farms..	246	162	65	19	208	128	61	19
$1,000..	1 096	545	285	267	1 080	529	284	267
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	2 291	1 009	319	2 186	1 185	755	246
$1,000..	5 631	3 474	1 645	511	5 412	3 305	1 609	498

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..	3 690	2 466	968	256	2 053	1 104	740	209
$1,000..	7 715	3 961	2 888	866	7 073	3 441	2 792	840
Farms with expenses of—								
$1 to $999	2 299	1 729	456	114	842	510	258	74
$1,000 to $4,999	1 029	573	364	92	851	432	334	85
$5,000 to $24,999	332	147	138	47	330	145	138	47
$25,000 to $49,999	18	8	8	2	18	8	8	2
$50,000 or more	12	9	2	1	12	9	2	1
Hired farm labor ..... farms..	2 188	1 290	654	244	1 586	842	531	213
$1,000..	81 630	43 397	30 496	7 736	80 851	42 760	30 366	7 725
Farms with expenses of—								
$1 to $4,999	1 096	718	270	108	512	287	148	77
$5,000 to $24,999	553	331	159	63	539	318	158	63
$25,000 to $99,999	371	155	161	55	367	151	161	55
$100,000 to $249,999	109	49	48	12	109	49	48	12
$250,000 or more	59	37	16	6	59	37	16	6
Workers by days worked:								
150 days or more ..... farms..	988	560	323	105	910	492	314	104
workers..	4 635	2 469	1 718	448	4 554	2 398	(D)	(D)
Less than 150 days ..... farms..	1 933	1 117	579	237	1 346	684	456	206
workers..	9 295	4 955	3 305	1 035	8 046	4 054	3 024	968
Contract labor ..... farms..	690	516	116	58	544	394	95	55
$1,000..	7 276	4 996	1 875	405	7 119	4 877	1 838	404
Farms with expenses of—								
$1 to $999	221	182	19	20	108	80	11	17
$1,000 to $4,999	233	162	48	23	203	144	36	23
$5,000 to $24,999	160	123	28	9	157	121	27	9
$25,000 to $49,999	43	29	9	5	43	29	9	5
$50,000 or more	33	20	12	1	33	20	12	1
Repair and maintenance ..... farms..	4 716	3 160	1 190	366	2 387	1 303	819	265
$1,000..	22 779	12 616	8 333	1 830	19 385	10 309	7 383	1 694
Farms with expenses of—								
$1 to $4,999	3 879	2 810	799	270	1 651	1 013	467	171
$5,000 to $24,999	697	295	318	84	606	236	287	83
$25,000 to $49,999	98	34	54	10	88	33	46	9
$50,000 or more	42	21	19	2	42	21	19	2
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	674	265	122	754	418	218	118
$1,000..	7 089	4 871	1 838	380	6 921	4 736	1 806	379
Farms with expenses of—								
$1 to $999	530	379	105	46	291	174	75	42
$1,000 to $4,999	286	147	79	60	218	96	62	60
$5,000 to $24,999	186	108	66	12	186	108	66	12
$25,000 to $49,999	33	21	8	4	33	21	8	4
$50,000 or more	26	19	7	–	26	19	7	–
Interest ..... farms..	1 580	907	538	135	1 204	589	499	116
$1,000..	15 766	9 400	5 545	821	14 694	8 446	5 445	803
Farms with expenses of—								
$1 to $4,999	900	533	273	94	593	276	242	75
$5,000 to $24,999	562	312	214	36	493	251	206	36
$25,000 to $99,999	95	44	46	5	95	44	46	5
$100,000 or more	23	18	5	–	23	18	5	–
Secured by real estate ..... farms..	1 193	785	408	–	893	520	373	–
$1,000..	13 039	8 471	4 569	–	12 063	7 575	4 488	–
Farms with expenses of—								
$1 to $999	108	84	24	–	61	45	16	–
$1,000 to $4,999	520	345	175	–	329	180	149	–
$5,000 to $24,999	468	301	167	–	406	240	166	–
$25,000 to $49,999	52	24	28	–	52	24	28	–
$50,000 or more	45	31	14	–	45	31	14	–
Not secured by real estate ..... farms..	628	225	268	135	522	149	257	116
$1,000..	2 727	929	976	821	2 631	872	957	803
Farms with expenses of—								
$1 to $999	203	99	77	27	137	43	74	20
$1,000 to $4,999	295	94	134	67	255	74	126	55
$5,000 to $24,999	112	23	53	36	112	23	53	36
$25,000 to $49,999	12	5	3	4	12	5	3	4
$50,000 or more	6	4	1	1	6	4	1	1
Cash rent ..... farms..	900	–	629	271	719	–	512	207
$1,000..	6 393	–	4 294	2 099	6 300	–	4 221	2 079
Farms with expenses of—								
$1 to $4,999	709	–	512	197	528	–	395	133
$5,000 to $9,999	77	–	52	25	77	–	52	25
$10,000 to $24,999	68	–	35	33	68	–	35	33
$25,000 or more	46	–	30	16	46	–	30	16
Property taxes..... farms..	5 138	3 820	1 236	82	2 351	1 439	833	79
$1,000..	19 915	15 094	4 685	136	12 515	8 504	3 878	132
Farms with expenses of—								
$1 to $4,999	4 217	3 142	998	77	1 724	1 047	603	74
$5,000 to $9,999	601	442	155	4	373	217	152	4
$10,000 to $24,999	253	186	66	1	201	139	61	1
$25,000 or more	67	50	17	–	53	36	17	–
All other farm production expenses..... farms..	5 081	3 456	1 216	409	2 582	1 440	833	309
$1,000..	53 923	31 000	18 272	4 651	51 517	29 108	17 822	4 587
Farms with expenses of—								
$1 to $4,999	3 876	2 850	739	287	1 417	865	365	187
$5,000 to $24,999	849	439	327	83	810	409	318	83
$25,000 to $49,999	157	77	65	15	157	77	65	15
$50,000 to $99,999	97	38	49	10	96	37	49	10
$100,000 or more	102	52	36	14	102	52	36	14

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..	5 571	3 885	1 252	434	2 584	1 441	833	310
$1,000..	135 155	79 722	40 792	14 640	147 322	90 051	42 765	14 507
Average per farm ..... dollars..	24 260	20 521	32 582	33 733	57 013	62 492	51 338	46 795
Farms with net gains[2] ..... number..	2 861	1 774	729	358	2 094	1 217	610	267
Average net gain ..... dollars..	55 554	53 909	65 887	42 667	75 063	77 591	78 243	56 275
Gain of—								
Less than $1,000	265	208	38	19	32	23	8	1
$1,000 to $9,999	1 089	729	216	144	555	357	127	71
$10,000 to $49,999	932	514	282	136	932	514	282	136
$50,000 or more	575	323	193	59	575	323	193	59
Farms with net losses ..... number..	2 710	2 111	523	76	490	224	223	43
Average net loss ..... dollars..	8 777	7 538	13 842	8 348	20 123	19 546	22 256	12 066
Loss of—								
Less than $1,000	404	325	68	11	45	19	26	–
$1,000 to $9,999	1 734	1 378	308	48	224	91	105	28
$10,000 to $49,999	532	387	128	17	187	99	73	15
$50,000 or more	40	21	19	–	34	15	19	–
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	401	142	226	33	314	87	199	28
$1,000..	1 209	334	717	157	1 070	264	686	120
Other farm-related income[1] ..... farms..	1 340	845	423	72	641	275	306	60
$1,000..	7 773	4 777	2 134	862	5 866	3 140	1 927	799
Customwork and other agricultural services ..... farms..	416	231	155	30	192	77	86	29
$1,000..	3 484	2 073	723	688	2 983	1 696	(D)	(D)
Gross cash rent or share payments ..... farms..	254	207	39	8	98	70	21	7
$1,000..	598	436	159	3	258	104	(D)	(D)
Forest products, excluding Christmas trees and maple products ..... farms..	487	368	107	12	183	94	77	12
$1,000..	1 997	1 389	582	26	1 265	723	516	26
Other farm-related income sources ..... farms..	452	192	218	42	324	97	196	31
$1,000..	1 695	879	670	146	1 360	616	656	88
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	7	1	6	–	7	1	6	–
$1,000..	137	(D)	(D)	–	137	(D)	(D)	–
Corn ..... farms..	7	1	6	–	7	1	6	–
$1,000..	137	(D)	(D)	–	137	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
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..	4 990	3 333	1 255	402	2 485	1 393	816	276
acres..	223 573	84 019	120 685	18 869	164 296	45 604	101 812	16 880
Harvested cropland ..... farms..	4 587	3 003	1 204	380	2 412	1 343	801	268
acres..	168 765	56 505	97 000	15 260	132 945	34 889	84 163	13 893
Farms by acres harvested:								
1 to 49 acres	3 675	2 750	633	292	1 658	1 152	320	186
50 to 99 acres	469	172	259	38	344	121	191	32
100 to 199 acres	279	61	181	37	249	53	159	37
200 to 499 acres	146	18	118	10	143	15	118	10
500 to 999 acres	14	–	12	2	14	–	12	2
1,000 to 1,999 acres	4	2	1	1	4	2	1	1
2,000 acres or more	–	–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only ..... farms..	1 621	994	540	87	597	237	309	51
acres..	39 471	18 929	17 785	2 757	(D)	6 272	13 252	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	162	108	26	176	81	78	17
acres..	3 961	1 779	1 906	276	2 982	1 116	1 617	249
On which all crops failed ..... farms..	165	70	79	16	113	42	60	11
acres..	1 201	466	699	36	850	271	549	30
In cultivated summer fallow ..... farms..	70	36	26	8	48	21	20	7
acres..	409	135	194	80	(D)	93	161	(D)
Idle ..... farms..	661	462	152	47	354	212	108	34
acres..	9 766	6 205	3 101	460	5 387	2 963	2 070	354
Total woodland ..... farms..	3 011	2 058	838	115	1 279	676	530	73
acres..	197 075	127 090	64 721	5 264	104 568	53 777	46 826	3 965
Woodland pastured ..... farms..	734	448	253	33	277	114	146	17
acres..	20 194	11 985	7 431	778	10 291	4 604	5 076	611
Woodland not pastured ..... farms..	2 726	1 868	765	93	1 183	628	494	61
acres..	176 881	115 105	57 290	4 486	94 277	49 173	41 750	3 354

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..	885	568	254	63	339	151	164	24
acres..	24 183	13 139	9 528	1 516	14 541	5 748	7 724	1 069
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	2 618	921	195	1 783	1 045	607	131
acres..	73 468	51 881	17 750	3 837	53 470	35 517	14 616	3 337
Irrigated land ..... farms..	1 630	1 148	313	169	1 288	861	279	148
acres..	24 564	14 685	7 813	2 066	23 817	14 040	7 748	2 029
Harvested cropland irrigated ..... farms..	1 614	1 133	313	168	1 284	858	279	147
acres..	24 269	(D)	(D)	(D)	23 600	(D)	(D)	(D)
Pasture and other land irrigated ..... farms..	45	43	1	1	20	18	1	1
acres..	295	(D)	(D)	(D)	217	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	42	27	2	31	16	13	2
acres..	2 690	1 719	(D)	(D)	1 104	693	(D)	(D)
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings ..... farms..	5 571	3 885	1 252	434	2 584	1 441	833	310
$1,000..	2 534 884	1 607 376	767 435	160 073	1 600 092	830 364	623 813	145 914
Average per farm ..... dollars..	455 014	413 739	612 967	368 831	619 230	576 242	748 875	470 692
Average per acre ..... dollars..	5 207	6 055	3 969	5 716	5 095	6 753	3 779	5 613
Farms by value group:								
$1 to $39,999	411	273	13	125	127	72	1	54
$40,000 to $69,999	300	231	42	27	131	82	30	19
$70,000 to $99,999	175	157	10	8	64	59	2	3
$100,000 to $149,999	464	318	86	60	202	111	41	50
$150,000 to $199,999	741	571	147	23	234	139	74	21
$200,000 to $499,999	2 029	1 502	425	102	871	540	246	85
$500,000 to $999,999	909	527	331	51	557	261	255	41
$1,000,000 to $1,999,999	374	201	149	24	279	119	137	23
$2,000,000 to $4,999,999	147	92	44	11	101	48	42	11
$5,000,000 or more	21	13	5	3	18	10	5	3
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms..	5 571	3 885	1 252	434	2 584	1 441	833	310
$1,000..	225 043	134 775	72 607	17 661	157 972	79 946	62 041	15 985
Farms by value group:								
$1 to $4,999	744	632	59	53	167	112	29	26
$5,000 to $9,999	764	560	123	81	256	161	48	47
$10,000 to $19,999	1 266	927	257	82	470	317	96	57
$20,000 to $49,999	1 490	1 041	326	123	737	410	240	87
$50,000 to $99,999	708	394	269	45	461	198	220	43
$100,000 to $199,999	442	261	146	35	342	179	128	35
$200,000 to $499,999	135	62	61	12	129	56	61	12
$500,000 or more	22	8	11	3	22	8	11	3
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms..	4 836	3 265	1 186	385	2 404	1 296	802	306
number..	10 539	6 416	3 247	876	6 643	3 303	2 573	767
Wheel tractors ..... farms..	4 655	3 175	1 148	332	2 181	1 165	781	235
number..	10 334	6 035	3 489	810	5 790	2 475	2 682	633
Less than 40 horsepower (PTO) ..... farms..	3 441	2 375	834	232	1 514	809	549	156
number..	5 650	3 694	1 562	394	2 757	1 368	1 121	268
40 horsepower (PTO) or more ..... farms..	2 613	1 553	865	195	1 481	690	633	158
number..	4 684	2 341	1 927	416	3 033	1 107	1 561	365
40 to 99 horsepower (PTO) ..... farms..	2 462	1 442	845	175	1 367	614	614	139
number..	4 025	2 099	1 612	314	2 489	(D)	1 266	(D)
100 horsepower (PTO) or more ..... farms..	436	192	180	64	334	111	160	63
number..	659	242	315	102	544	(D)	295	(D)
Grain and bean combines ..... farms..	50	14	31	5	37	5	27	5
number..	54	14	33	7	40	5	28	7
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	699	629	105	699	196	409	94
number..	1 590	811	669	110	778	231	448	99
Pickup balers ..... farms..	1 389	651	640	98	603	136	400	67
number..	1 651	746	780	125	751	155	503	93
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms..	3 442	2 174	977	291	2 086	1 095	746	245
acres on which used..	112 983	33 167	67 763	12 053	96 777	22 912	61 958	11 907
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms..	1 689	1 090	434	165	1 256	737	382	137
acres on which used..	39 570	17 424	17 895	4 251	37 618	15 853	17 562	4 203
Nematodes in crops ..... farms..	191	118	58	15	160	87	58	15
acres on which used..	4 019	1 268	2 412	339	3 965	1 214	2 412	339
Diseases in crops and orchards ..... farms..	1 152	766	292	94	842	500	257	85
acres on which used..	24 869	12 640	9 934	2 295	23 414	11 515	9 621	2 278
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	777	454	166	1 091	542	400	149
acres on which used..	48 093	12 980	28 078	7 035	46 527	11 963	27 546	7 018
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	94	50	32	155	73	50	32
acres on which used..	4 195	1 973	1 920	302	4 138	1 916	1 920	302

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
TENURE AND RACE OF OPERATOR								
All operators	5 574	3 791	1 313	470	2 587	1 466	828	293
Full owners	3 791	3 791	–	–	1 466	1 466	–	–
Part owners	1 313	–	1 313	–	828	–	828	–
Tenants	470	–	–	470	293	–	–	293
White	5 538	3 760	1 310	468	2 565	1 448	825	292
Full owners	3 760	3 760	–	–	1 448	1 448	–	–
Part owners	1 310	–	1 310	–	825	–	825	–
Tenants	468	–	–	468	292	–	–	292
Black and other races	36	31	3	2	22	18	3	1
Full owners	31	31	–	–	18	18	–	–
Part owners	3	–	3	–	3	–	3	–
Tenants	2	–	–	2	1	–	–	1
OWNED AND RENTED LAND								
Land owned ... farms	5 105	3 791	1 313	1	2 294	1 466	828	–
acres	420 885	286 220	(D)	(D)	252 218	145 224	106 994	–
Owned land in farms ... farms	5 104	3 791	1 313	–	2 294	1 466	828	–
acres	408 639	276 129	132 510	–	246 100	140 646	105 454	–
Land rented or leased from others ... farms	1 794	11	1 313	470	1 124	3	828	293
acres	110 716	332	80 470	29 914	91 009	28	65 684	25 297
landlords	5 226	14	4 095	1 117	3 849	4	3 000	845
Rented or leased land in farms ... farms	1 783	–	1 313	470	1 121	–	828	293
acres	109 660	–	80 174	29 486	90 775	–	65 524	25 251
Land rented or leased to others ... farms	371	283	77	11	151	95	52	4
acres	13 302	10 423	(D)	(D)	6 352	4 606	1 700	46
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 203	2 935	1 082	186	1 745	976	657	112
Not on farm operated	1 074	647	179	248	691	401	136	154
Not reported	297	209	52	36	151	89	35	27
Operators by principal occupation:								
Farming	2 927	1 788	870	269	1 848	975	668	205
Other	2 647	2 003	443	201	739	491	160	88
Operators by days worked off farm:								
None	2 285	1 528	590	167	1 371	773	465	133
Any	2 980	2 041	660	279	1 058	601	316	141
1 to 99 days	549	338	151	60	298	144	112	42
100 to 199 days	567	377	137	53	243	137	72	34
200 days or more	1 864	1 326	372	166	517	320	132	65
Not reported	309	222	63	24	158	92	47	19
Operators by years on present farm:								
2 years or less	175	111	26	38	75	37	20	18
3 or 4 years	286	164	57	65	107	42	25	40
5 to 9 years	669	431	154	84	308	167	89	52
10 years or more	3 685	2 535	930	220	1 731	988	599	144
Average years on present farm	20.7	21.1	22.1	13.7	20.7	20.8	22.8	13.7
Not reported	759	550	146	63	366	232	95	39
Operators by age group:								
Under 25 years	31	11	5	15	16	6	1	9
25 to 34 years	253	117	67	69	131	55	38	38
35 to 44 years	1 071	598	319	154	562	252	218	92
45 to 49 years	785	509	194	82	403	219	127	57
50 to 54 years	836	587	203	46	386	231	118	37
55 to 59 years	646	469	145	32	296	184	96	16
60 to 64 years	500	366	102	32	216	135	61	20
65 to 69 years	455	349	92	14	189	123	55	11
70 years and over	997	785	186	26	388	261	114	13
Average age	54.9	56.8	52.8	45.7	53.4	55.4	52.5	45.9
Operators by sex:								
Male	4 648	3 055	1 199	394	2 303	1 265	778	260
Female	926	736	114	76	284	201	50	33
Operators of Spanish, Hispanic, or Latino origin (see text)	37	30	5	2	18	13	4	1
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms	4 496	3 125	1 022	349	1 767	994	578	195
acres	330 825	184 516	130 568	15 741	172 820	66 744	93 882	12 194
Partnership ... farms	443	245	166	32	302	146	131	25
acres	71 602	19 168	47 794	4 640	61 111	13 303	43 273	4 535
Corporation:								
Family held ... farms	494	325	104	65	416	261	101	54
acres	88 355	51 286	29 500	7 569	82 843	46 275	29 344	7 224
More than 10 stockholders ... farms	11	8	2	1	10	7	2	1
10 or less stockholders ... farms	483	317	102	64	406	254	99	53
Other than family held ... farms	60	34	10	16	49	25	9	15
acres	7 964	4 158	2 462	1 344	7 247	3 553	(D)	(D)
More than 10 stockholders ... farms	8	3	2	3	8	3	2	3
10 or less stockholders ... farms	52	31	8	13	41	22	7	12
Other—cooperative, estate or trust, institutional, etc. ... farms	81	62	11	8	53	40	9	4
acres	19 553	17 001	2 360	192	12 854	10 771	(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
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	58	29	25	4	39	20	15	4
number..	66	34	26	6	44	22	16	6
Hired workers ..... farms..	86	42	36	8	76	36	32	8
number..	126	57	55	14	116	51	51	14
Farm-related deaths:								
Operator and family members ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Hired workers ..... farms..	2	1	1	–	2	1	1	–
number..	(D)	(D)	(D)	–	(D)	(D)	(D)	–
FARMS BY SIZE								
1 to 9 acres	1 254	983	91	180	507	367	45	95
10 to 49 acres	1 865	1 404	319	142	739	511	154	74
50 to 69 acres	485	327	125	33	210	128	61	21
70 to 99 acres	479	316	145	18	191	105	71	15
100 to 139 acres	456	271	149	36	238	108	98	32
140 to 179 acres	270	150	101	19	139	57	66	16
180 to 219 acres	206	116	79	11	128	60	58	10
220 to 259 acres	117	54	57	6	86	29	51	6
260 to 499 acres	291	109	164	18	223	60	146	17
500 to 999 acres	121	43	72	6	100	27	67	6
1,000 to 1,999 acres	26	15	10	1	22	11	10	1
2,000 acres or more	4	3	1	–	4	3	1	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	82	43	35	4	38	10	24	4
Vegetable and melon farming (1112)	625	307	222	96	442	178	191	73
Fruit and tree nut farming (1113)	865	719	85	61	606	472	77	57
Greenhouse, nursery, and floriculture production (1114)	1 044	851	107	86	603	460	82	61
Other crop farming (1119)	1 076	661	347	68	313	115	165	33
Tobacco farming (11191)	47	18	23	6	46	17	23	6
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	643	324	62	267	98	142	27
Beef cattle ranching and farming (112111)	472	312	136	24	51	25	23	3
Cattle feedlots (112112)	49	34	14	1	6	4	2	–
Dairy cattle and milk production (11212)	338	78	227	33	327	74	220	33
Hog and pig farming (1122)	118	84	25	9	43	26	13	4
Poultry and egg production (1123)	115	91	16	8	48	33	8	7
Sheep and goat farming (1124)	163	131	22	10	5	3	2	–
Animal aquaculture and other animal production (1125, 1129)	627	480	77	70	105	66	21	18
LIVESTOCK								
Cattle and calves inventory ..... farms..	1 420	715	608	97	608	177	369	62
number..	61 719	13 339	41 456	6 924	52 002	7 890	37 649	6 463
Farms with—								
1 to 9	545	367	151	27	100	42	49	9
10 to 49	535	284	217	34	182	75	88	19
50 to 99	178	51	110	17	166	47	104	15
100 to 199	95	8	75	12	93	8	73	12
200 to 499	59	4	50	5	59	4	50	5
500 or more	8	1	5	2	8	1	5	2
Cows and heifers that had calved ..... farms..	1 173	555	541	77	536	151	329	56
number..	33 704	7 250	22 418	4 036	29 288	4 686	20 676	3 926
Beef cows ..... farms..	799	444	313	42	220	81	115	24
number..	6 858	3 501	2 990	367	2 782	1 158	1 355	269
Farms with—								
1 to 9	564	325	207	32	134	44	74	16
10 to 49	226	115	102	9	78	33	38	7
50 to 99	8	4	3	1	7	4	2	1
100 to 199	1	–	1	–	1	–	1	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Milk cows ..... farms..	483	155	285	43	367	84	244	39
number..	26 846	3 749	19 428	3 669	26 506	3 528	19 321	3 657
Farms with—								
1 to 4	129	68	53	8	31	10	16	5
5 to 9	20	14	5	1	3	2	1	–
10 to 49	143	54	80	9	142	53	80	9
50 to 99	103	12	77	14	103	12	77	14
100 to 199	67	5	54	8	67	5	54	8
200 to 499	19	1	16	2	19	1	16	2
500 or more	2	1	–	1	2	1	–	1
Heifers and heifer calves ..... farms..	979	416	492	71	481	117	314	50
number..	22 688	4 209	16 086	2 393	19 590	2 397	14 944	2 249
Steers, steer calves, bulls, and bull calves ..... farms..	902	422	413	67	372	100	230	42
number..	5 327	1 880	2 952	495	3 124	807	2 029	288

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..	1 158	528	538	92	563	160	341	62
number..	24 849	5 575	16 473	2 801	21 630	3 748	15 241	2 641
$1,000..	6 424	1 862	3 961	601	5 195	1 143	3 515	537
Calves ..... farms..	674	269	348	57	410	106	260	44
number..	13 485	2 612	9 142	1 731	12 178	1 856	8 658	1 664
$1,000..	814	275	438	101	559	128	346	85
Cattle ..... farms..	970	426	468	76	499	133	312	54
number..	11 364	2 963	7 331	1 070	9 452	1 892	6 583	977
$1,000..	5 610	1 587	3 523	500	4 636	1 015	3 169	452
Fattened on grain and concentrates .... farms..	117	56	55	6	32	8	19	5
number..	1 158	512	610	36	910	(D)	492	(D)
$1,000..	834	348	461	24	676	(D)	389	(D)
Hogs and pigs inventory ..... farms..	383	239	125	19	141	66	67	8
number..	18 297	11 737	5 805	755	14 804	8 991	5 222	591
Farms with—								
1 to 24	286	180	92	14	78	33	40	5
25 to 49	35	18	16	1	15	3	12	–
50 to 99	21	14	7	–	14	9	5	–
100 to 199	17	11	4	2	14	9	4	1
200 to 499	15	10	3	2	11	6	3	2
500 or more	9	6	3	–	9	6	3	–
Used or to be used for breeding ..... farms..	177	110	56	11	79	38	34	7
number..	2 388	1 420	794	174	1 703	876	678	149
Other ..... farms..	351	222	113	16	130	62	62	6
number..	15 909	10 317	5 011	581	13 101	8 115	4 544	442
Hogs and pigs sold..... farms..	269	160	94	15	106	51	49	6
number..	23 636	13 806	8 570	1 260	20 117	11 206	7 864	1 047
$1,000..	2 265	1 289	820	157	1 954	1 070	752	133
Feeder pigs ..... farms..	66	38	26	2	32	14	17	1
number..	4 070	2 456	(D)	(D)	2 805	1 414	(D)	(D)
$1,000..	153	90	(D)	(D)	105	(D)	54	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	180	112	57	11	80	38	35	7
number..	2 795	1 505	1 122	168	2 103	944	1 013	146
Dec. 1 and May 31..... farms..	154	98	46	10	69	35	27	7
number..	1 457	827	532	98	1 065	505	480	80
June 1 and Nov. 30 ..... farms..	132	74	50	8	70	31	34	5
number..	1 338	678	590	70	1 038	439	533	66
Sheep and lambs of all ages inventory..... farms..	431	301	107	23	116	60	47	9
number..	8 348	4 933	2 832	583	2 442	1 074	1 267	101
Ewes 1 year old or older ..... farms..	364	252	91	21	89	43	39	7
number..	5 374	3 004	1 954	416	1 434	450	935	49
Sheep and lambs sold..... farms..	350	239	89	22	78	41	30	7
number..	6 756	4 183	2 073	500	1 977	862	1 042	73
Sheep and lambs shorn ..... farms..	335	234	81	20	71	35	30	6
number..	6 843	3 792	2 498	553	1 866	564	1 223	79
pounds of wool..	51 056	29 177	17 944	3 935	13 711	4 308	9 001	402
Horses and ponies inventory ..... farms..	1 196	857	275	64	276	143	113	20
number..	9 410	6 801	1 837	772	2 199	1 323	678	198
Horses and ponies sold..... farms..	232	177	42	13	75	49	21	5
number..	1 642	601	(D)	(D)	1 332	361	(D)	(D)
Goats inventory ..... farms..	238	167	57	14	62	27	30	5
number..	2 490	1 694	756	40	1 073	635	424	14
Goats sold ..... farms..	79	58	21	–	19	10	9	–
number..	850	587	263	–	363	220	143	–
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	341	142	27	152	79	61	12
number..	682 853	(D)	5 168	(D)	672 820	(D)	2 983	(D)
Farms with—								
1 to 399	481	317	140	24	124	56	59	9
400 to 3,199	17	13	2	2	16	12	2	2
3,200 to 9,999.....	5	5	–	–	5	5	–	–
10,000 to 19,999	1	–	–	1	1	–	–	1
20,000 to 49,999	3	3	–	–	3	3	–	–
50,000 to 99,999	1	1	–	–	1	1	–	–
100,000 or more	2	2	–	–	2	2	–	–
Layers 20 weeks old and older ..... farms..	497	335	137	25	145	77	57	11
number..	556 206	(D)	4 796	(D)	547 506	(D)	2 842	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	47	23	6	26	11	11	4
number..	126 647	(D)	372	(D)	125 314	(D)	141	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	62	17	9	46	31	7	8
number..	(D)	460 172	2 733	(D)	547 766	458 152	(D)	(D)
Broilers and other meat-type chickens sold .. farms..	41	24	14	3	13	4	6	3
number..	(D)	7 500	(D)	(D)	(D)	(D)	(D)	(D)
Farms with—								
1 to 1,999.....	37	23	12	2	9	3	4	2
2,000 to 59,999.....	3	1	1	1	3	1	1	1
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	–	1	–	1	–	1	–
Turkey hens kept for breeding ..... farms..	22	16	4	2	7	4	3	–
number..	1 991	(D)	(D)	(D)	1 930	(D)	(D)	–
Turkeys sold ..... farms..	70	46	17	7	35	15	14	6
number..	93 226	45 839	30 122	17 265	92 373	45 058	(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 silage or green chop ..... farms..	403	100	267	36	323	56	233	34
acres..	22 813	3 158	17 164	2 491	21 827	(D)	16 698	(D)
tons, green..	445 811	51 841	343 691	50 279	431 351	(D)	336 509	(D)
Irrigated ..... farms..	8	4	3	1	5	1	3	1
acres..	49	(D)	(D)	(D)	43	(D)	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	169	66	93	10	97	25	64	8
25 to 99 acres	157	31	109	17	149	28	104	17
100 to 249 acres	68	2	58	8	68	2	58	8
250 to 499 acres	6	–	6	–	6	–	6	–
500 acres or more	3	1	1	1	3	1	1	1
Potatoes, excluding sweetpotatoes ..... farms..	93	31	45	17	71	15	43	13
acres..	2 964	185	2 344	435	2 951	(D)	(D)	434
cwt..	789 847	(D)	619 475	(D)	787 946	36 936	(D)	(D)
Irrigated ..... farms..	40	18	16	6	26	7	14	5
acres..	400	110	(D)	(D)	391	102	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	64	25	27	12	42	9	25	8
5.0 to 24.9 acres	17	4	10	3	17	4	10	3
25.0 to 99.9 acres	6	2	3	1	6	2	3	1
100.0 to 249.9 acres	2	–	2	–	2	–	2	–
250.0 acres or more	4	–	3	1	4	–	3	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	1 209	818	141	844	290	472	82
acres..	100 218	30 536	60 821	8 861	68 692	12 457	48 506	7 729
tons, dry..	181 885	51 372	113 846	16 667	139 961	27 607	97 527	14 827
Irrigated ..... farms..	31	22	8	1	14	8	5	1
acres..	490	(D)	373	(D)	436	70	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 077	807	210	60	216	123	75	18
25 to 99 acres	805	363	400	42	376	141	210	25
100 to 249 acres	237	31	172	34	205	20	151	34
250 to 499 acres	45	8	32	5	43	6	32	5
500 acres or more	4	–	4	–	4	–	4	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	773	602	96	588	184	346	58
acres..	57 130	18 583	33 631	4 916	36 783	7 331	25 237	4 215
tons, dry..	102 752	31 297	62 373	9 082	74 561	15 806	50 834	7 921
Irrigated ..... farms..	14	9	4	1	6	2	3	1
acres..	93	(D)	62	(D)	71	(D)	(D)	(D)
Vegetables harvested for sale (see text) .... farms..	935	464	351	120	691	293	306	92
acres..	16 039	3 291	11 226	1 522	15 480	2 950	11 093	1 438
Irrigated ..... farms..	403	191	158	54	307	119	144	44
acres..	5 721	1 331	4 002	388	5 581	1 222	3 985	375
Farms by acres harvested:								
0.1 to 4.9 acres	429	287	95	47	210	128	59	23
5.0 to 24.9 acres	322	148	120	54	297	136	111	50
25.0 to 99.9 acres	158	29	110	19	158	29	110	19
100.0 to 249.9 acres	23	–	23	–	23	–	23	–
250.0 acres or more	3	–	3	–	3	–	3	–
Sweet corn harvested for sale ..... farms..	500	222	221	57	398	149	202	47
acres..	6 800	1 259	4 840	701	6 597	1 155	4 787	655
Irrigated ..... farms..	206	100	86	20	167	65	84	18
acres..	2 623	595	1 865	164	2 586	562	(D)	(D)
Land in orchards ..... farms..	431	342	77	12	210	135	65	10
acres..	6 546	3 881	2 395	270	5 788	3 162	(D)	(D)
Irrigated ..... farms..	73	53	15	5	46	27	15	4
acres..	584	347	214	24	531	(D)	214	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	228	190	33	5	68	41	24	3
5.0 to 24.9 acres	134	107	24	3	74	50	21	3
25.0 to 99.9 acres	55	40	11	4	54	39	11	4
100.0 to 249.9 acres	13	4	9	–	13	4	9	–
250.0 acres or more	1	1	–	–	1	1	–	–
Berries harvested for sale ..... farms..	969	721	167	81	724	501	152	71
acres..	15 047	11 685	2 080	1 283	14 684	11 342	2 065	1 277
Irrigated ..... farms..	733	546	117	70	614	441	109	64
acres..	14 275	11 220	1 903	1 152	14 132	11 091	1 893	1 147

[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					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
FARMS AND LAND IN FARMS									
Farms ..... number..	5 574	4 496	443	554	494	483	60	52	81
percent..	100.0	80.7	7.9	9.9	8.9	8.7	1.1	.9	1.5
Land in farms ..... acres..	518 299	330 825	71 602	96 319	88 355	71 680	7 964	4 448	19 553
Average size of farm ..... acres..	93	74	162	174	179	148	133	86	241
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms..	5 574	4 496	443	554	494	483	60	52	81
$1,000..	454 404	154 045	55 987	223 320	194 356	172 407	28 964	18 563	21 052
Average per farm ..... dollars..	81 522	34 263	126 381	403 104	393 433	356 950	482 729	356 978	259 905
Farms by value of sales:									
Less than $1,000 (see text)	895	826	36	29	24	24	5	5	4
$1,000 to $2,499	721	679	20	17	14	14	3	3	5
$2,500 to $4,999	664	591	46	17	16	15	1	1	10
$5,000 to $9,999	707	633	39	26	24	24	2	2	9
$10,000 to $19,999	600	512	30	47	41	41	6	5	11
$20,000 to $24,999	153	125	16	10	9	9	1	1	2
$25,000 to $39,999	358	282	35	33	30	30	3	3	8
$40,000 to $49,999	149	108	22	14	13	13	1	1	5
$50,000 to $99,999	468	340	58	62	57	57	5	5	8
$100,000 to $249,999	484	287	79	109	97	97	12	11	9
$250,000 to $499,999	203	76	38	87	83	81	4	4	2
$500,000 to $999,999	98	30	17	47	41	38	6	5	4
$1,000,000 to $2,499,999	53	7	6	38	30	27	8	4	2
$2,500,000 to $4,999,999	16	–	1	14	11	10	3	2	1
$5,000,000 or more	5	–	–	4	4	3	–	–	1
Grains ..... farms..	81	61	9	11	11	11	–	–	–
$1,000..	1 310	469	438	403	403	403	–	–	–
Sales of $50,000 or more ..... farms..	8	3	2	3	3	3	–	–	–
$1,000..	847	(D)	(D)	278	278	278	–	–	–
Corn for grain ..... farms..	58	40	9	9	9	9	–	–	–
$1,000..	1 180	(D)	(D)	347	347	347	–	–	–
Wheat ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Soybeans ..... farms..	5	3	1	1	1	1	–	–	–
$1,000..	(D)	18	(D)	(D)	(D)	(D)	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Oats ..... farms..	2	2	–	–	–	–	–	–	–
$1,000..	(D)	(D)	–	–	–	–	–	–	–
Other grains ..... farms..	23	21	–	2	2	2	–	–	–
$1,000..	76	(D)	–	(D)	(D)	(D)	–	–	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Tobacco ..... farms..	68	45	15	8	5	4	3	3	–
$1,000..	23 807	7 637	2 896	13 275	(D)	(D)	(D)	(D)	–
Sales of $50,000 or more ..... farms..	50	35	8	7	5	4	2	2	–
$1,000..	23 397	7 419	(D)	(D)	(D)	(D)	(D)	(D)	–
Hay, silage, and field seeds ..... farms..	1 435	1 249	102	62	61	61	1	1	22
$1,000..	11 056	8 040	1 964	880	(D)	(D)	(D)	(D)	172
Sales of $50,000 or more ..... farms..	34	21	8	4	4	4	–	–	1
$1,000..	2 949	1 521	(D)	260	260	260	–	–	(D)
Vegetables, sweet corn, and melons ..... farms..	931	750	85	78	75	75	3	3	18
$1,000..	37 438	24 400	7 319	5 050	(D)	(D)	(D)	(D)	669
Sales of $50,000 or more ..... farms..	198	131	33	31	29	29	2	2	3
$1,000..	28 238	16 830	6 608	4 300	(D)	(D)	(D)	(D)	500
Fruits, nuts, and berries ..... farms..	1 142	839	109	170	154	148	16	13	24
$1,000..	148 247	42 571	17 178	71 177	63 218	45 516	7 959	4 236	17 321
Sales of $50,000 or more ..... farms..	407	198	59	136	123	117	13	10	14
$1,000..	140 561	36 265	16 520	70 601	62 679	44 978	7 921	4 198	17 175
Nursery and greenhouse crops ..... farms..	1 375	1 013	109	236	209	207	27	25	17
$1,000..	128 192	29 169	5 228	93 494	84 485	(D)	9 009	(D)	302
Sales of $50,000 or more ..... farms..	311	138	29	142	126	124	16	14	2
$1,000..	116 922	20 953	(D)	91 925	83 053	(D)	8 872	(D)	(D)
Other crops ..... farms..	300	252	28	14	13	13	1	1	6
$1,000..	7 326	2 619	408	4 255	(D)	(D)	(D)	(D)	44
Sales of $50,000 or more ..... farms..	13	9	1	3	3	3	–	–	–
$1,000..	5 886	(D)	(D)	4 210	4 210	4 210	–	–	–
Poultry and poultry products ..... farms..	375	316	22	26	22	22	4	2	11
$1,000..	15 900	2 218	246	13 367	13 361	13 361	6	(D)	68
Sales of $50,000 or more ..... farms..	24	10	1	13	13	13	–	–	–
$1,000..	14 853	(D)	(D)	13 339	13 339	13 339	–	–	–
Dairy products ..... farms..	353	236	70	37	36	35	1	1	10
$1,000..	59 773	27 345	17 804	13 188	(D)	(D)	(D)	(D)	1 437
Sales of $50,000 or more ..... farms..	275	172	63	35	34	33	1	1	5
$1,000..	57 788	25 738	17 560	(D)	(D)	(D)	(D)	(D)	(D)
Cattle and calves ..... farms..	1 158	946	123	66	59	58	7	6	23
$1,000..	6 424	3 757	1 782	765	716	(D)	48	(D)	121
Sales of $50,000 or more ..... farms..	11	5	5	1	1	1	–	–	–
$1,000..	1 526	(D)	989	(D)	(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	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms..	269	233	12	17	14	14	3	1	7
$1,000..	2 265	1 388	239	628	621	621	7	(D)	11
Sales of $50,000 or more ..... farms..	7	3	2	2	2	2	–	–	–
$1,000..	905	220	(D)	(D)	(D)	(D)	–	–	–
Sheep, lambs, and wool ..... farms..	396	352	15	15	11	11	4	3	14
$1,000..	475	358	18	75	72	72	3	(D)	24
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	454	44	45	35	33	10	8	14
$1,000..	12 190	4 075	467	6 764	(D)	(D)	(D)	(D)	884
Sales of $50,000 or more ..... farms..	26	11	1	10	6	6	4	2	4
$1,000..	9 298	1 841	(D)	6 490	(D)	(D)	(D)	(D)	(D)
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 226	1 027	93	82	76	76	6	5	24
$1,000..	19 825	11 026	4 252	4 039	3 955	3 955	83	(D)	508
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	5 565	4 532	403	574	517	500	57	50	56
$1,000..	311 068	119 145	35 034	143 887	126 745	113 905	17 141	12 458	13 002
Average per farm ..... dollars..	55 897	26 290	86 933	250 673	245 155	227 809	300 726	249 153	232 183
Livestock and poultry purchased ..... farms..	1 075	937	61	57	56	55	1	–	20
$1,000..	7 408	3 894	880	2 523	(D)	(D)	(D)	–	112
Farms with expenses of—									
$1 to $4,999	831	759	48	12	12	11	–	–	12
$5,000 to $24,999	180	152	7	15	14	14	1	–	6
$25,000 to $99,999	52	23	2	25	25	25	–	–	2
$100,000 to $249,999	8	1	4	3	3	3	–	–	–
$250,000 or more	4	2	–	2	2	2	–	–	–
Feed for livestock and poultry ..... farms..	2 161	1 871	117	139	124	115	15	13	34
$1,000..	31 880	16 318	5 464	9 474	9 440	9 136	34	(D)	624
Farms with expenses of—									
$1 to $4,999	1 590	1 454	55	59	46	46	13	13	22
$5,000 to $24,999	241	200	10	27	25	17	2	–	4
$25,000 to $99,999	259	192	34	28	28	28	–	–	5
$100,000 to $249,999	58	22	14	19	19	18	–	–	3
$250,000 or more	13	3	4	6	6	6	–	–	–
Commercially mixed formula feeds ..... farms..	1 492	1 301	76	92	84	83	8	6	23
$1,000..	23 392	11 340	4 322	7 203	7 182	(D)	21	(D)	528
Farms with expenses of—									
$1 to $4,999	1 016	950	19	36	30	30	6	6	11
$5,000 to $24,999	238	201	15	17	15	14	2	–	5
$25,000 to $99,999	192	137	30	20	20	20	–	–	5
$100,000 or more	46	13	12	19	19	19	–	–	2
Seeds, bulbs, plants, and trees ..... farms..	2 422	1 830	237	317	291	287	26	24	38
$1,000..	15 829	4 176	1 285	10 271	9 364	9 223	907	(D)	98
Farms with expenses of—									
$1 to $999	1 441	1 238	98	80	73	72	7	6	25
$1,000 to $4,999	603	423	65	107	104	103	3	3	8
$5,000 to $24,999	282	145	62	71	63	62	8	8	4
$25,000 to $49,999	47	13	8	25	20	20	5	4	1
$50,000 or more	49	11	4	34	31	30	3	3	–
Commercial fertilizer ..... farms..	3 478	2 684	325	426	381	373	45	40	43
$1,000..	10 273	4 582	1 721	3 686	3 299	2 741	387	292	284
Farms with expenses of—									
$1 to $4,999	3 061	2 462	261	307	272	271	35	33	31
$5,000 to $24,999	343	205	46	84	78	74	6	5	8
$25,000 to $49,999	49	12	11	23	21	20	2	–	3
$50,000 or more	25	5	7	12	10	8	2	2	1
Agricultural chemicals ..... farms..	2 425	1 746	252	385	351	344	34	30	42
$1,000..	8 299	2 776	969	4 085	3 600	2 798	485	302	469
Farms with expenses of—									
$1 to $4,999	2 123	1 622	202	267	244	244	23	21	32
$5,000 to $24,999	242	116	45	76	71	67	5	5	5
$25,000 to $49,999	37	8	4	24	22	20	2	2	1
$50,000 or more	23	–	1	18	14	13	4	2	4
Petroleum products ..... farms..	5 245	4 276	380	534	488	471	46	40	55
$1,000..	14 893	6 323	1 575	6 592	5 568	4 919	1 024	693	403
Farms with expenses of—									
$1 to $4,999	4 665	3 995	299	333	307	299	26	25	38
$5,000 to $24,999	498	266	72	147	138	134	9	8	13
$25,000 to $49,999	45	11	6	25	21	20	4	2	3
$50,000 or more	37	4	3	29	22	18	7	5	1
Gasoline and gasohol ..... farms..	4 313	3 518	302	440	406	390	34	30	53
$1,000..	4 901	2 601	587	1 569	1 395	1 208	174	140	144
Diesel fuel ..... farms..	3 107	2 443	240	379	345	329	34	29	45
$1,000..	3 264	1 578	(D)	1 150	1 052	(D)	98	64	(D)
Natural gas ..... farms..	246	137	23	85	77	75	8	4	1
$1,000..	1 096	262	(D)	765	556	(D)	209	89	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	2 790	305	476	445	429	31	25	48
$1,000..	5 631	1 881	484	3 108	2 565	2 251	544	401	158

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..	3 690	2 859	313	473	426	409	47	40	45
$1,000..	7 715	3 307	948	3 254	2 631	2 393	623	231	206
Farms with expenses of—									
$1 to $999	2 299	2 022	121	139	123	115	16	16	17
$1,000 to $4,999	1 029	699	137	173	167	165	6	4	20
$5,000 to $24,999	332	135	54	137	118	115	19	18	6
$25,000 to $49,999	18	3	1	13	9	7	4	2	1
$50,000 or more	12	–	–	11	9	7	2	–	1
Hired farm labor ..... farms..	2 188	1 444	256	442	403	387	39	32	46
$1,000..	81 630	20 260	7 647	49 614	43 263	39 879	6 352	5 091	4 108
Farms with expenses of—									
$1 to $4,999	1 096	871	104	96	87	79	9	8	25
$5,000 to $24,999	553	357	78	112	110	110	2	2	6
$25,000 to $99,999	371	183	54	126	112	110	14	13	8
$100,000 to $249,999	109	27	16	63	57	55	6	4	3
$250,000 or more	59	6	4	45	37	33	8	5	4
Workers by days worked:									
150 days or more ..... farms..	988	484	142	339	309	302	30	24	23
workers..	4 635	1 320	545	2 640	2 364	1 926	276	181	130
Less than 150 days ..... farms..	1 933	1 332	191	368	330	316	38	32	42
workers..	9 295	5 250	974	2 841	2 432	2 311	409	336	230
Contract labor ..... farms..	690	462	65	151	127	123	24	23	12
$1,000..	7 276	2 747	(D)	3 970	3 434	3 289	536	(D)	(D)
Farms with expenses of—									
$1 to $999	221	188	6	24	23	23	1	1	3
$1,000 to $4,999	233	172	35	25	19	19	6	6	1
$5,000 to $24,999	160	74	21	58	47	47	11	10	7
$25,000 to $49,999	43	19	2	21	16	13	5	5	1
$50,000 or more	33	9	1	23	22	21	1	1	–
Repair and maintenance ..... farms..	4 716	3 778	359	529	482	466	47	40	50
$1,000..	22 779	10 223	2 755	9 273	8 552	5 946	722	537	529
Farms with expenses of—									
$1 to $4,999	3 879	3 301	269	286	259	251	27	26	23
$5,000 to $24,999	697	434	65	176	168	166	8	4	22
$25,000 to $49,999	98	36	20	38	30	27	8	7	4
$50,000 or more	42	7	5	29	25	22	4	3	1
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	738	117	196	180	175	16	12	10
$1,000..	7 089	2 975	575	3 426	3 177	2 555	248	136	113
Farms with expenses of—									
$1 to $999	530	412	46	71	69	68	2	2	1
$1,000 to $4,999	286	196	48	37	34	34	3	2	5
$5,000 to $24,999	186	108	17	59	52	51	7	7	2
$25,000 to $49,999	33	16	5	11	8	8	3	1	1
$50,000 or more	26	6	1	18	17	14	1	–	1
Interest ..... farms..	1 580	1 142	166	257	223	216	34	29	15
$1,000..	15 766	7 787	1 823	5 571	4 392	3 807	1 179	764	586
Farms with expenses of—									
$1 to $4,999	900	728	87	78	66	65	12	11	7
$5,000 to $24,999	562	372	61	127	115	115	12	12	2
$25,000 to $99,999	95	36	16	40	33	29	7	4	3
$100,000 or more	23	6	2	12	9	7	3	2	3
Secured by real estate ..... farms..	1 193	866	120	197	180	174	17	14	10
$1,000..	13 039	6 640	1 454	4 464	3 649	(D)	815	(D)	481
Farms with expenses of—									
$1 to $999	108	86	19	2	2	2	–	–	1
$1,000 to $4,999	520	436	38	44	43	43	1	–	2
$5,000 to $24,999	468	309	49	108	98	97	10	10	2
$25,000 to $49,999	52	21	9	21	20	18	1	1	1
$50,000 or more	45	14	5	22	17	14	5	3	4
Not secured by real estate ..... farms..	628	434	61	126	106	104	20	18	7
$1,000..	2 727	1 147	368	1 107	744	(D)	364	(D)	104
Farms with expenses of—									
$1 to $999	203	173	17	12	11	11	1	1	1
$1,000 to $4,999	295	187	27	78	67	66	11	11	3
$5,000 to $24,999	112	72	14	24	20	19	4	4	2
$25,000 to $49,999	12	2	3	7	6	6	1	–	–
$50,000 or more	6	–	–	5	2	2	3	2	1
Cash rent ..... farms..	900	649	100	143	127	124	16	12	8
$1,000..	6 393	1 926	(D)	3 388	(D)	(D)	(D)	830	(D)
Farms with expenses of—									
$1 to $4,999	709	546	71	85	77	75	8	5	7
$5,000 to $9,999	77	59	9	9	8	8	1	1	–
$10,000 to $24,999	68	34	12	22	21	20	1	1	–
$25,000 or more	46	10	8	27	21	21	6	5	1
Property taxes ..... farms..	5 138	4 214	363	513	472	456	41	35	48
$1,000..	19 915	12 105	1 886	5 005	4 634	3 738	371	187	918
Farms with expenses of—									
$1 to $4,999	4 217	3 662	241	294	266	257	28	25	20
$5,000 to $9,999	601	411	83	98	92	90	6	5	9
$10,000 to $24,999	253	127	33	89	85	84	4	3	4
$25,000 or more	67	14	6	32	29	25	3	2	15
All other farm production expenses ..... farms..	5 081	4 075	395	558	502	485	56	49	53
$1,000..	53 923	19 747	6 205	23 754	20 591	18 706	3 162	1 979	4 218
Farms with expenses of—									
$1 to $4,999	3 876	3 351	263	238	204	204	34	33	24
$5,000 to $24,999	849	583	83	162	157	148	5	4	21
$25,000 to $49,999	157	81	17	56	50	48	6	6	3
$50,000 to $99,999	97	39	14	42	42	41	–	–	2
$100,000 or more	102	21	18	60	49	44	11	6	3

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..	5 571	4 538	403	574	517	500	57	50	56
$1,000..	135 155	34 459	14 707	79 207	67 301	58 461	11 905	6 348	6 782
Average per farm ..... dollars..	24 260	7 593	36 494	137 991	130 176	116 921	208 866	126 964	121 115
Farms with net gains[2] ..... number..	2 861	2 160	252	423	382	373	41	35	26
Average net gain ..... dollars..	55 554	23 977	67 901	194 657	184 093	164 391	293 086	(D)	296 114
Gain of—									
Less than $1,000	265	248	2	14	13	13	1	1	1
$1,000 to $9,999	1 089	988	47	48	48	48	–	–	6
$10,000 to $49,999	932	675	125	123	113	112	10	10	9
$50,000 or more	575	249	78	238	208	200	30	24	10
Farms with net losses ..... number..	2 710	2 378	151	151	135	127	16	15	30
Average net loss ..... dollars..	8 777	7 288	15 922	20 751	22 387	22 499	6 947	(D)	30 552
Loss of—									
Less than $1,000	404	387	14	3	3	3	–	–	–
$1,000 to $9,999	1 734	1 589	64	71	58	58	13	13	10
$10,000 to $49,999	532	385	69	60	57	49	3	2	18
$50,000 or more	40	17	4	17	17	17	–	–	2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms..	401	294	52	49	47	47	2	2	6
$1,000..	1 209	758	232	203	(D)	(D)	(D)	(D)	16
Other farm-related income[1] ..... farms..	1 340	1 126	131	77	73	73	4	3	6
$1,000..	7 773	5 680	975	1 071	983	983	87	(D)	48
Customwork and other agricultural services ..... farms..	416	371	23	21	19	19	2	2	1
$1,000..	3 484	2 715	398	(D)	(D)	(D)	(D)	(D)	(D)
Gross cash rent or share payments ..... farms..	254	196	43	13	13	13	–	–	2
$1,000..	598	366	151	(D)	(D)	(D)	–	–	(D)
Forest products, excluding Christmas trees and maple products ..... farms..	487	421	29	34	31	31	3	2	3
$1,000..	1 997	1 494	127	353	332	332	21	(D)	23
Other farm-related income sources ..... farms..	452	360	60	30	29	29	1	1	2
$1,000..	1 695	1 104	299	(D)	(D)	(D)	(D)	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms..	7	4	2	1	1	1	–	–	–
$1,000..	137	6	(D)	(D)	(D)	(D)	–	–	–
Corn ..... farms..	7	4	2	1	1	1	–	–	–
$1,000..	137	6	(D)	(D)	(D)	(D)	–	–	–
Wheat ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
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..	4 990	3 995	408	513	462	451	51	45	74
acres..	223 573	143 395	35 480	38 626	36 209	33 478	2 417	1 699	6 072
Harvested cropland ..... farms..	4 587	3 634	385	495	445	435	50	44	73
acres..	168 765	104 293	28 374	30 970	29 020	26 473	1 950	1 312	5 128
Farms by acres harvested:									
1 to 49 acres	3 675	3 016	254	363	324	321	39	36	42
50 to 99 acres	469	363	46	45	41	40	4	3	15
100 to 199 acres	279	188	38	45	41	37	4	4	8
200 to 499 acres	146	64	41	33	30	29	3	1	8
500 to 999 acres	14	3	5	6	6	6	–	–	–
1,000 to 1,999 acres	4	–	1	3	3	2	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–
Cropland:									
Pasture or grazing only ..... farms..	1 621	1 373	129	88	80	79	8	7	31
acres..	39 471	28 835	5 503	4 446	4 167	(D)	279	(D)	687
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	233	35	21	19	19	2	2	7
acres..	3 961	2 833	556	530	(D)	(D)	(D)	(D)	42
On which all crops failed ..... farms..	165	132	16	15	15	15	–	–	2
acres..	1 201	876	(D)	235	235	235	–	–	(D)
In cultivated summer fallow ..... farms..	70	51	10	6	5	5	1	1	3
acres..	409	272	(D)	76	(D)	(D)	(D)	(D)	(D)
Idle ..... farms..	661	499	67	83	75	72	8	8	12
acres..	9 766	6 286	911	2 369	2 191	2 011	178	178	200
Total woodland ..... farms..	3 011	2 501	236	221	207	200	14	13	53
acres..	197 075	133 213	25 863	30 099	28 616	20 460	1 483	(D)	7 900
Woodland pastured ..... farms..	734	628	60	32	30	29	2	2	14
acres..	20 194	14 568	1 960	2 539	(D)	(D)	(D)	(D)	1 127
Woodland not pastured ..... farms..	2 726	2 243	224	209	195	189	14	13	50
acres..	176 881	118 645	23 903	27 560	(D)	(D)	(D)	(D)	6 773

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..	885	740	72	54	49	48	5	4	19
acres..	24 183	16 549	2 621	2 899	2 808	(D)	91	(D)	2 114
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	2 955	321	406	360	352	46	39	52
acres..	73 468	37 668	7 638	24 695	20 722	(D)	3 973	1 619	3 467
Irrigated land ..... farms..	1 630	1 104	164	328	293	284	35	30	34
acres..	24 564	9 733	3 079	10 363	9 217	7 038	1 146	593	1 389
Harvested cropland irrigated ..... farms..	1 614	1 091	162	328	293	284	35	30	33
acres..	24 269	9 637	(D)	10 218	9 072	6 893	1 146	593	(D)
Pasture and other land irrigated ..... farms..	45	31	6	6	6	6	–	–	2
acres..	295	96	(D)	145	145	145	–	–	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	63	3	5	5	5	–	–	–
acres..	2 690	(D)	(D)	68	68	68	–	–	–
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings ..... farms..	5 571	4 538	403	574	517	500	57	50	56
$1,000..	2 534 884	1 618 250	238 090	576 598	532 752	458 629	43 846	31 846	101 947
Average per farm ..... dollars..	455 014	356 600	590 793	1 004 526	1 030 468	917 258	769 224	636 912	1 820 473
Average per acre ..... dollars..	5 207	5 097	4 215	6 254	6 214	6 628	6 788	10 697	4 926
Farms by value group:									
$1 to $39,999	411	342	36	28	19	19	9	8	5
$40,000 to $69,999	300	265	14	18	18	18	–	–	3
$70,000 to $99,999	175	132	19	24	22	22	2	2	–
$100,000 to $149,999	464	394	44	24	22	21	2	2	2
$150,000 to $199,999	741	664	32	45	44	44	1	–	–
$200,000 to $499,999	2 029	1 790	77	155	143	142	12	11	7
$500,000 to $999,999	909	662	114	124	102	101	22	20	9
$1,000,000 to $1,999,999	374	221	43	99	96	86	3	3	11
$2,000,000 to $4,999,999	147	64	23	44	39	37	5	4	16
$5,000,000 or more	21	4	1	13	12	10	1	–	3
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	5 571	4 538	403	574	517	500	57	50	56
$1,000..	225 043	143 361	19 612	55 835	51 163	42 775	4 673	3 320	6 234
Farms by value group:									
$1 to $4,999	744	676	42	22	20	20	2	2	4
$5,000 to $9,999	764	655	65	43	42	42	1	–	1
$10,000 to $19,999	1 266	1 100	53	107	97	96	10	10	6
$20,000 to $49,999	1 490	1 208	127	143	123	122	20	18	12
$50,000 to $99,999	708	560	49	89	75	67	14	14	10
$100,000 to $199,999	442	279	50	99	96	95	3	2	14
$200,000 to $499,999	135	57	16	55	49	45	6	4	7
$500,000 or more	22	3	1	16	15	13	1	–	2
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	4 836	3 890	360	534	485	468	49	42	52
number..	10 539	7 435	874	2 069	1 915	1 701	154	114	161
Wheel tractors ..... farms..	4 655	3 823	317	463	421	404	42	39	52
number..	10 334	7 839	936	1 378	1 304	1 259	74	62	181
Less than 40 horsepower (PTO) ..... farms..	3 441	2 849	226	334	311	298	23	20	32
number..	5 650	4 535	410	652	619	602	33	27	53
40 horsepower (PTO) or more ..... farms..	2 613	2 052	206	312	278	272	34	31	43
number..	4 684	3 304	526	726	685	657	41	35	128
40 to 99 horsepower (PTO) ..... farms..	2 462	1 946	197	276	251	246	25	22	43
number..	4 025	2 941	416	558	528	(D)	30	24	110
100 horsepower (PTO) or more ..... farms..	436	278	66	78	69	68	9	9	14
number..	659	363	110	168	157	(D)	11	11	18
Grain and bean combines ..... farms..	50	39	4	7	6	6	1	–	–
number..	54	41	5	8	(D)	(D)	(D)	–	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	1 181	116	110	107	98	3	–	26
number..	1 590	1 293	132	136	132	123	4	–	29
Pickup balers ..... farms..	1 389	1 206	103	57	56	55	1	–	23
number..	1 651	1 405	133	75	(D)	(D)	(D)	–	38
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	3 442	2 664	324	414	371	363	43	38	40
acres on which used..	112 983	64 937	18 101	26 348	24 930	22 698	1 418	857	3 597
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	1 689	1 159	203	295	269	263	26	23	32
acres on which used..	39 570	16 975	6 333	14 153	12 862	10 732	1 291	756	2 109
Nematodes in crops ..... farms..	191	99	47	41	39	38	2	2	4
acres on which used..	4 019	1 557	1 196	1 120	(D)	(D)	(D)	(D)	146
Diseases in crops and orchards ..... farms..	1 152	808	141	188	172	168	16	13	15
acres on which used..	24 869	9 778	3 015	10 544	9 339	7 474	1 205	654	1 532
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	960	180	241	226	222	15	13	16
acres on which used..	48 093	20 090	9 780	16 549	15 677	13 820	872	(D)	1 674
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	124	11	36	34	34	2	2	5
acres on which used..	4 195	1 958	253	1 763	(D)	(D)	(D)	(D)	221

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.
TENURE AND RACE OF OPERATOR									
All operators	5 574	4 496	443	554	494	483	60	52	81
Full owners	3 791	3 125	245	359	325	317	34	31	62
Part owners	1 313	1 022	166	114	104	102	10	8	11
Tenants	470	349	32	81	65	64	16	13	8
White	5 538	4 472	436	549	490	479	59	51	81
Full owners	3 760	3 106	238	354	321	313	33	30	62
Part owners	1 310	1 019	166	114	104	102	10	8	11
Tenants	468	347	32	81	65	64	16	13	8
Black and other races	36	24	7	5	4	4	1	1	–
Full owners	31	19	7	5	4	4	1	1	–
Part owners	3	3	–	–	–	–	–	–	–
Tenants	2	2	–	–	–	–	–	–	–
OWNED AND RENTED LAND									
Land owned farms	5 105	4 148	411	473	429	419	44	39	73
acres	420 885	271 028	52 105	78 488	72 815	56 317	5 673	2 982	19 264
Owned land in farms farms	5 104	4 147	411	473	429	419	44	39	73
acres	408 639	262 175	51 449	76 584	70 965	54 477	5 619	2 928	18 431
Land rented or leased from others farms	1 794	1 382	198	195	169	166	26	21	19
acres	110 716	69 473	20 195	19 852	(D)	(D)	(D)	(D)	1 196
landlords	5 226	3 671	941	574	512	498	62	54	40
Rented or leased land in farms farms	1 783	1 371	198	195	169	166	26	21	19
acres	109 660	68 650	20 153	19 735	17 390	17 203	2 345	1 520	1 122
Land rented or leased to others farms	371	308	20	35	31	29	4	4	8
acres	13 302	9 676	698	2 021	(D)	(D)	(D)	(D)	907
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	4 203	3 612	284	263	246	241	17	16	44
Not on farm operated	1 074	667	135	244	204	199	40	34	28
Not reported	297	217	24	47	44	43	3	2	9
Operators by principal occupation:									
Farming	2 927	2 208	299	370	335	325	35	30	50
Other	2 647	2 288	144	184	159	158	25	22	31
Operators by days worked off farm:									
None	2 285	1 705	229	303	268	261	35	28	48
Any	2 980	2 555	196	202	180	179	22	22	27
1 to 99 days	549	430	61	52	46	46	6	6	6
100 to 199 days	567	500	23	41	37	37	4	4	3
200 days or more	1 864	1 625	112	109	97	96	12	12	18
Not reported	309	236	18	49	46	43	3	2	6
Operators by years on present farm:									
2 years or less	175	136	19	14	7	7	7	6	6
3 or 4 years	286	226	26	30	22	22	8	8	4
5 to 9 years	669	549	44	62	48	46	14	11	14
10 years or more	3 685	2 995	296	355	328	320	27	25	39
Average years on present farm	20.7	20.9	21.7	19.3	20.4	20.5	11.3	11.7	18.3
Not reported	759	590	58	93	89	88	4	2	18
Operators by age group:									
Under 25 years	31	27	2	2	2	2	–	–	–
25 to 34 years	253	202	17	28	22	22	6	4	6
35 to 44 years	1 071	836	101	112	99	97	13	12	22
45 to 49 years	785	612	49	112	90	87	22	19	12
50 to 54 years	836	680	59	88	81	78	7	5	9
55 to 59 years	646	534	43	60	56	54	4	4	9
60 to 64 years	500	405	37	53	50	50	3	3	5
65 to 69 years	455	365	37	47	43	42	4	4	6
70 years and over	997	835	98	52	51	51	1	1	12
Average age	54.9	55.2	55.8	52.2	52.8	52.9	47.3	47.8	52.4
Operators by sex:									
Male	4 648	3 704	394	484	434	424	50	42	66
Female	926	792	49	70	60	59	10	10	15
Operators of Spanish, Hispanic, or Latino origin (see text)	37	31	4	2	–	–	2	–	–
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) farms	4 496	4 496	–	–	–	–	–	–	–
acres	330 825	330 825	–	–	–	–	–	–	–
Partnership farms	443	–	443	–	–	–	–	–	–
acres	71 602	–	71 602	–	–	–	–	–	–
Corporation:									
Family held farms	494	–	–	494	494	483	–	–	–
acres	88 355	–	–	88 355	88 355	71 680	–	–	–
More than 10 stockholders farms	11	–	–	11	11	–	–	–	–
10 or less stockholders farms	483	–	–	483	483	483	–	–	–
Other than family held farms	60	–	–	60	–	–	60	52	–
acres	7 964	–	–	7 964	–	–	7 964	4 448	–
More than 10 stockholders farms	8	–	–	8	–	–	8	–	–
10 or less stockholders farms	52	–	–	52	–	–	52	52	–
Other—cooperative, estate or trust, institutional, etc. farms	81	–	–	–	–	–	–	–	81
acres	19 553	–	–	–	–	–	–	–	19 553

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.
INJURIES AND DEATHS									
Farm-related injuries:									
Operator and family members ..... farms..	58	37	5	13	11	11	2	–	3
number..	66	42	6	15	(D)	(D)	(D)	–	3
Hired workers ..... farms..	86	37	12	34	29	27	5	3	3
number..	126	51	20	48	40	(D)	8	(D)	7
Farm-related deaths:									
Operator and family members ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Hired workers ..... farms..	2	1	–	1	1	1	–	–	–
number..	(D)	(D)	–	(D)	(D)	(D)	–	–	–
FARMS BY SIZE									
1 to 9 acres	1 254	1 030	85	128	104	103	24	21	11
10 to 49 acres	1 865	1 596	104	155	145	143	10	9	10
50 to 69 acres	485	402	46	31	26	26	5	4	6
70 to 99 acres	479	394	36	40	39	39	1	1	9
100 to 139 acres	456	379	28	42	38	37	4	4	7
140 to 179 acres	270	215	23	25	21	20	4	4	7
180 to 219 acres	206	155	20	26	25	25	1	1	5
220 to 259 acres	117	87	8	20	16	16	4	4	2
260 to 499 acres	291	181	54	42	39	37	3	3	14
500 to 999 acres	121	50	34	30	27	26	3	1	7
1,000 to 1,999 acres	26	7	4	12	12	10	–	–	3
2,000 acres or more	4	–	1	3	2	1	1	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	82	65	11	5	5	5	–	–	1
Vegetable and melon farming (1112)	625	529	47	40	37	37	3	3	9
Fruit and tree nut farming (1113)	865	623	77	146	131	125	15	12	19
Greenhouse, nursery, and floriculture production (1114)	1 044	758	81	197	175	173	22	20	8
Other crop farming (1119)	1 076	951	63	47	42	41	5	5	15
Tobacco farming (11191)	47	33	8	6	4	3	2	2	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	918	55	41	38	38	3	3	15
Beef cattle ranching and farming (112111)	472	421	28	14	11	11	3	3	9
Cattle feedlots (112112)	49	43	4	1	–	–	1	–	1
Dairy cattle and milk production (11212)	338	226	70	33	32	31	1	1	9
Hog and pig farming (1122)	118	106	6	4	4	4	–	–	2
Poultry and egg production (1123)	115	89	10	13	13	13	–	–	3
Sheep and goat farming (1124)	163	154	6	3	3	3	–	–	–
Animal aquaculture and other animal production (1125, 1129)	627	531	40	51	41	40	10	8	5
LIVESTOCK									
Cattle and calves inventory ..... farms..	1 420	1 189	135	71	64	63	7	6	25
number..	61 719	35 450	14 692	10 286	10 030	(D)	256	(D)	1 291
Farms with—									
1 to 9	545	508	25	9	9	9	–	–	3
10 to 49	535	462	39	20	15	15	5	4	14
50 to 99	178	139	21	12	10	10	2	2	6
100 to 199	95	62	25	8	8	8	–	–	–
200 to 499	59	17	21	19	19	18	–	–	2
500 or more	8	1	4	3	3	3	–	–	–
Cows and heifers that had calved ..... farms..	1 173	965	120	65	59	58	6	5	23
number..	33 704	19 278	7 720	5 909	5 791	(D)	118	(D)	797
Beef cows ..... farms..	799	702	49	30	28	27	2	2	18
number..	6 858	5 549	587	390	(D)	(D)	(D)	(D)	332
Farms with—									
1 to 9	564	503	35	19	17	16	2	2	7
10 to 49	226	196	11	9	9	9	–	–	10
50 to 99	8	3	2	2	2	2	–	–	1
100 to 199	1	–	1	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–	–
Milk cows ..... farms..	483	345	80	45	39	38	6	5	13
number..	26 846	13 729	7 133	5 519	(D)	(D)	(D)	(D)	465
Farms with—									
1 to 4	129	109	8	8	5	5	3	3	4
5 to 9	20	17	1	2	–	–	2	1	–
10 to 49	143	112	20	4	4	4	–	–	7
50 to 99	103	70	26	7	6	6	1	1	–
100 to 199	67	31	16	18	18	18	–	–	2
200 to 499	19	6	9	4	4	3	–	–	–
500 or more	2	–	–	2	2	2	–	–	–
Heifers and heifer calves ..... farms..	979	787	119	53	47	46	6	5	20
number..	22 688	12 563	5 944	3 799	3 692	(D)	107	(D)	382
Steers, steer calves, bulls, and bull calves ..... farms..	902	765	74	45	40	39	5	4	18
number..	5 327	3 609	1 028	578	547	(D)	31	(D)	112

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	
LIVESTOCK—Con.									
Cattle and calves sold ..... farms..	1 158	946	123	66	59	58	7	6	23
number..	24 849	14 463	6 049	3 882	3 741	(D)	141	(D)	455
$1,000..	6 424	3 757	1 782	765	716	(D)	48	(D)	121
Calves ..... farms..	674	525	92	41	39	38	2	1	16
number..	13 485	7 925	2 978	2 351	(D)	(D)	(D)	(D)	231
$1,000..	814	603	122	76	(D)	(D)	(D)	(D)	14
Cattle ..... farms..	970	778	111	59	52	51	7	6	22
number..	11 364	6 538	3 071	1 531	(D)	(D)	(D)	(D)	224
$1,000..	5 610	3 155	1 660	689	(D)	(D)	(D)	(D)	107
Fattened on grain and concentrates .... farms..	117	104	7	3	2	2	1	–	3
number..	1 158	433	(D)	(D)	(D)	(D)	(D)	–	(D)
$1,000..	834	277	(D)	(D)	(D)	(D)	(D)	–	13
Hogs and pigs inventory ..... farms..	383	326	20	23	18	17	5	3	14
number..	18 297	12 479	1 692	3 993	3 904	(D)	89	(D)	133
Farms with—									
1 to 24	286	245	14	15	12	11	3	3	12
25 to 49	35	29	–	4	2	2	2	–	2
50 to 99	21	21	–	–	–	–	–	–	–
100 to 199	17	14	3	–	–	–	–	–	–
200 to 499	15	13	2	–	–	–	–	–	–
500 or more	9	4	1	4	4	4	–	–	–
Used or to be used for breeding ..... farms..	177	145	9	14	11	11	3	2	9
number..	2 388	1 609	346	408	390	390	18	(D)	25
Other ..... farms..	351	303	17	20	16	15	4	2	11
number..	15 909	10 870	1 346	3 585	3 514	(D)	71	(D)	108
Hogs and pigs sold..... farms..	269	233	12	17	14	14	3	1	7
number..	23 636	13 921	3 348	6 233	6 150	6 150	83	(D)	134
$1,000..	2 265	1 388	239	628	621	621	7	(D)	11
Feeder pigs ..... farms..	66	52	5	7	5	5	2	1	2
number..	4 070	2 129	1 260	(D)	(D)	(D)	(D)	(D)	(D)
$1,000..	153	83	44	(D)	(D)	(D)	(D)	(D)	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	180	148	9	14	11	11	3	2	9
number..	2 795	1 829	305	640	623	623	17	(D)	21
Dec. 1 and May 31..... farms..	154	125	9	11	8	8	3	2	9
number..	1 457	945	188	307	(D)	(D)	(D)	(D)	17
June 1 and Nov. 30 ..... farms..	132	108	8	13	11	11	2	1	3
number..	1 338	884	117	333	(D)	(D)	(D)	(D)	4
Sheep and lambs of all ages inventory..... farms..	431	378	25	15	12	12	3	2	13
number..	8 348	6 646	324	1 049	955	955	94	(D)	329
Ewes 1 year old or older ..... farms..	364	324	16	13	10	10	3	2	11
number..	5 374	4 175	211	813	732	732	81	(D)	175
Sheep and lambs sold..... farms..	350	306	15	15	11	11	4	3	14
number..	6 756	5 238	269	884	835	835	49	(D)	365
Sheep and lambs shorn ..... farms..	335	300	10	12	8	8	4	3	13
number..	6 843	5 330	214	1 065	990	990	75	(D)	234
pounds of wool..	51 056	39 976	1 211	8 177	7 751	7 751	426	(D)	1 692
Horses and ponies inventory ..... farms..	1 196	1 046	70	61	53	52	8	8	19
number..	9 410	7 578	791	804	660	(D)	144	144	237
Horses and ponies sold..... farms..	232	197	19	16	14	13	2	2	–
number..	1 642	1 517	66	59	(D)	(D)	(D)	(D)	–
Goats inventory ..... farms..	238	204	15	14	13	13	1	1	5
number..	2 490	1 725	408	307	(D)	(D)	(D)	(D)	50
Goats sold ..... farms..	79	65	7	4	3	3	1	1	3
number..	850	623	164	51	(D)	(D)	(D)	(D)	12
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	434	30	33	30	30	3	2	13
number..	682 853	55 232	(D)	(D)	602 009	602 009	(D)	(D)	(D)
Farms with—									
1 to 399	481	420	25	25	22	22	3	2	11
400 to 3,199	17	11	3	1	1	1	–	–	2
3,200 to 9,999.....	5	2	2	1	1	1	–	–	–
10,000 to 19,999	1	–	–	1	1	1	–	–	–
20,000 to 49,999	3	1	–	2	2	2	–	–	–
50,000 to 99,999	1	–	–	1	1	1	–	–	–
100,000 or more	2	–	–	2	2	2	–	–	–
Layers 20 weeks old and older ..... farms..	497	424	30	30	28	28	2	1	13
number..	556 206	51 530	18 606	481 894	(D)	(D)	(D)	(D)	4 176
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	62	3	8	7	7	1	1	3
number..	126 647	3 702	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	66	9	11	10	10	1	–	2
number..	(D)	104 691	26 854	418 599	(D)	(D)	(D)	–	(D)
Broilers and other meat-type chickens sold .. farms..	41	32	3	4	4	4	–	–	2
number..	(D)	7 437	(D)	(D)	(D)	(D)	–	–	(D)
Farms with—									
1 to 1,999.....	37	31	3	1	1	1	–	–	2
2,000 to 59,999.....	3	1	–	2	2	2	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	1	1	1	–	–	–
Turkey hens kept for breeding ..... farms..	22	17	–	4	3	3	1	1	1
number..	1 991	68	–	(D)	(D)	(D)	(D)	(D)	(D)
Turkeys sold ..... farms..	70	60	–	9	8	8	1	1	1
number..	93 226	(D)	–	61 839	(D)	(D)	(D)	(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 silage or green chop ..... farms..	403	280	69	40	37	36	3	2	14
acres..	22 813	10 104	6 736	5 216	5 191	(D)	25	(D)	757
tons, green..	445 811	204 433	130 163	95 667	95 322	(D)	345	(D)	15 548
Irrigated ..... farms..	8	7	–	–	–	–	–	–	1
acres..	49	(D)	–	–	–	–	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	169	140	17	9	6	6	3	2	3
25 to 99 acres	157	116	22	10	10	10	–	–	9
100 to 249 acres	68	24	26	16	16	16	–	–	2
250 to 499 acres	6	–	2	4	4	3	–	–	–
500 acres or more	3	–	2	1	1	1	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	93	70	11	8	8	8	–	–	4
acres..	2 964	1 051	150	1 758	1 758	1 758	–	–	4
cwt..	789 847	257 843	31 470	500 155	500 155	500 155	–	–	379
Irrigated ..... farms..	40	29	6	3	3	3	–	–	2
acres..	400	74	(D)	(D)	(D)	(D)	–	–	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	64	49	7	4	4	4	–	–	4
5.0 to 24.9 acres	17	13	3	1	1	1	–	–	–
25.0 to 99.9 acres	6	5	1	–	–	–	–	–	–
100.0 to 249.9 acres	2	2	–	–	–	–	–	–	–
250.0 acres or more	4	1	–	3	3	3	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	2 168	1 831	183	114	107	106	7	6	40
acres..	100 218	72 377	16 490	9 006	8 494	(D)	512	(D)	2 345
tons, dry..	181 885	126 883	33 792	18 306	17 560	(D)	746	(D)	2 904
Irrigated ..... farms..	31	26	3	2	1	1	1	1	–
acres..	490	451	(D)	(D)	(D)	(D)	(D)	(D)	–
Farms by acres harvested:									
1 to 24 acres	1 077	969	51	42	40	40	2	2	15
25 to 99 acres	805	675	73	35	32	32	3	2	22
100 to 249 acres	237	164	42	30	28	27	2	2	1
250 to 499 acres	45	21	15	7	7	7	–	–	2
500 acres or more	4	2	2	–	–	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	1 236	136	68	66	66	2	2	31
acres..	57 130	43 823	7 935	3 889	(D)	(D)	(D)	(D)	1 483
tons, dry..	102 752	77 711	15 703	7 628	(D)	(D)	(D)	(D)	1 710
Irrigated ..... farms..	14	12	1	1	1	1	–	–	–
acres..	93	(D)	(D)	(D)	(D)	(D)	–	–	–
Vegetables harvested for sale (see text) ..... farms..	935	754	85	78	75	75	3	3	18
acres..	16 039	10 892	2 676	2 269	2 245	2 245	24	24	203
Irrigated ..... farms..	403	301	43	49	46	46	3	3	10
acres..	5 721	3 354	1 027	1 277	1 269	1 269	8	8	63
Farms by acres harvested:									
0.1 to 4.9 acres	429	371	26	23	22	22	1	1	9
5.0 to 24.9 acres	322	255	31	30	28	28	2	2	6
25.0 to 99.9 acres	158	115	23	17	17	17	–	–	3
100.0 to 249.9 acres	23	12	3	8	8	8	–	–	–
250.0 acres or more	3	1	2	–	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	500	395	56	39	38	38	1	1	10
acres..	6 800	4 686	795	1 276	(D)	(D)	(D)	(D)	43
Irrigated ..... farms..	206	152	22	29	29	29	–	–	3
acres..	2 623	1 554	(D)	786	786	786	–	–	(D)
Land in orchards ..... farms..	431	356	30	36	32	32	4	4	9
acres..	6 546	3 506	585	1 935	1 658	1 658	276	276	521
Irrigated ..... farms..	73	55	7	9	8	8	1	1	2
acres..	584	340	(D)	215	(D)	(D)	(D)	(D)	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	228	199	13	12	11	11	1	1	4
5.0 to 24.9 acres	134	121	10	3	2	2	1	1	–
25.0 to 99.9 acres	55	32	6	14	13	13	1	1	3
100.0 to 249.9 acres	13	4	1	7	6	6	1	1	1
250.0 acres or more	1	–	–	–	–	–	–	–	1
Berries harvested for sale .... farms..	969	692	95	159	145	139	14	11	23
acres..	15 047	4 912	1 842	7 029	6 149	4 080	880	331	1 264
Irrigated ..... farms..	733	490	84	140	128	122	12	9	19
acres..	14 275	4 271	1 753	6 992	6 116	4 047	877	327	1 259

[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..	5 574	2 927	20	136	525	757	564	925
percent..	100.0	52.5	.4	2.4	9.4	13.6	10.1	16.6
Land in farms ..... acres..	518 299	356 422	1 550	14 295	56 567	109 160	69 715	105 135
Average size of farm ..... acres..	93	122	78	105	108	144	124	114
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms..	5 574	2 927	20	136	525	757	564	925
$1,000..	454 404	392 942	918	13 649	64 798	155 649	91 617	66 311
Average per farm ..... dollars..	81 522	134 247	45 914	100 361	123 424	205 613	162 442	71 687
Farms by value of sales:								
Less than $1,000 (see text)	895	278	1	17	44	67	57	92
$1,000 to $2,499	721	216	2	8	19	35	34	118
$2,500 to $4,999	664	271	1	9	27	49	48	137
$5,000 to $9,999	707	314	2	7	34	66	61	144
$10,000 to $19,999	600	298	7	11	48	78	48	106
$20,000 to $24,999	153	92	–	9	16	16	19	32
$25,000 to $39,999	358	227	2	11	51	36	46	81
$40,000 to $49,999	149	96	–	8	14	40	19	15
$50,000 to $99,999	468	376	1	19	99	107	65	85
$100,000 to $249,999	484	415	4	24	101	131	89	66
$250,000 to $499,999	203	184	–	8	45	65	41	25
$500,000 to $999,999	98	93	–	2	19	41	17	14
$1,000,000 to $2,499,999	53	50	–	3	8	18	14	7
$2,500,000 to $4,999,999	16	12	–	–	–	5	5	2
$5,000,000 or more	5	5	–	–	–	3	1	1
Grains ..... farms..	81	54	–	2	9	20	8	15
$1,000..	1 310	1 190	–	(D)	511	389	(D)	128
Sales of $50,000 or more ..... farms..	8	8	–	1	3	3	–	1
$1,000..	847	847	–	(D)	469	(D)	–	(D)
Corn for grain ..... farms..	58	40	–	2	9	15	5	9
$1,000..	1 180	1 105	–	(D)	511	365	95	(D)
Wheat ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Soybeans ..... farms..	5	2	–	–	–	1	–	1
$1,000..	(D)	(D)	–	–	–	(D)	–	(D)
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Oats ..... farms..	2	2	–	–	–	2	–	–
$1,000..	(D)	(D)	–	–	–	(D)	–	–
Other grains ..... farms..	23	14	–	1	–	4	3	6
$1,000..	76	51	–	(D)	–	9	(D)	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	68	51	1	3	12	13	9	13
$1,000..	23 807	23 064	(D)	(D)	3 675	9 506	5 976	3 529
Sales of $50,000 or more ..... farms..	50	43	1	3	11	11	7	10
$1,000..	23 397	22 857	(D)	(D)	(D)	(D)	(D)	3 439
Hay, silage, and field seeds ..... farms..	1 435	714	4	20	128	136	133	293
$1,000..	11 056	7 819	(D)	(D)	2 343	1 649	1 484	2 086
Sales of $50,000 or more ..... farms..	34	29	–	1	6	9	9	4
$1,000..	2 949	2 620	–	(D)	969	621	639	(D)
Vegetables, sweet corn, and melons ..... farms..	931	642	6	35	130	158	121	192
$1,000..	37 438	33 535	140	1 784	8 130	10 128	7 380	5 972
Sales of $50,000 or more ..... farms..	198	182	–	10	57	55	32	28
$1,000..	28 238	26 920	–	1 439	6 976	8 596	6 176	3 734
Fruits, nuts, and berries ..... farms..	1 142	732	4	32	130	198	158	210
$1,000..	148 247	126 903	(D)	(D)	16 412	66 074	27 079	14 914
Sales of $50,000 or more ..... farms..	407	332	2	12	65	125	78	50
$1,000..	140 561	122 124	(D)	(D)	15 567	65 000	25 982	13 476
Nursery and greenhouse crops ..... farms..	1 375	731	2	38	160	213	147	171
$1,000..	128 192	111 333	(D)	(D)	17 893	41 161	28 618	18 734
Sales of $50,000 or more ..... farms..	311	250	–	15	66	87	47	35
$1,000..	116 922	104 756	–	4 560	16 353	39 243	27 299	17 300
Other crops ..... farms..	300	147	3	11	30	35	30	38
$1,000..	7 326	6 686	19	72	772	861	4 594	368
Sales of $50,000 or more ..... farms..	13	12	–	–	2	5	4	1
$1,000..	5 886	(D)	–	–	(D)	608	4 462	(D)
Poultry and poultry products ..... farms..	375	169	1	9	35	44	23	57
$1,000..	15 900	10 010	(D)	113	291	3 391	(D)	5 446
Sales of $50,000 or more ..... farms..	24	21	–	1	2	8	1	9
$1,000..	14 853	(D)	–	(D)	(D)	3 314	(D)	5 207
Dairy products ..... farms..	353	317	3	12	69	88	73	72
$1,000..	59 773	57 771	275	1 974	11 636	18 987	13 077	11 822
Sales of $50,000 or more ..... farms..	275	260	2	10	64	71	61	52
$1,000..	57 788	56 234	(D)	(D)	11 478	18 651	12 702	11 253
Cattle and calves ..... farms..	1 158	705	6	31	127	155	130	256
$1,000..	6 424	5 047	16	156	1 031	1 122	884	1 837
Sales of $50,000 or more ..... farms..	11	9	–	–	3	1	1	4
$1,000..	1 526	(D)	–	–	333	(D)	(D)	752

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..	2 647	11	117	546	864	582	527
percent..	47.5	.2	2.1	9.8	15.5	10.4	9.5
Land in farms ..... acres..	161 877	413	4 519	26 682	55 287	34 711	40 265
Average size of farm ..... acres..	61	38	39	49	64	60	76
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	2 647	11	117	546	864	582	527
$1,000..	61 462	88	1 368	12 274	28 668	8 473	10 592
Average per farm ..... dollars..	23 219	7 983	11 689	22 479	33 181	14 558	20 098
Farms by value of sales:							
Less than $1,000 (see text)	617	4	18	120	222	134	119
$1,000 to $2,499	505	4	24	100	148	118	111
$2,500 to $4,999	393	1	16	83	126	92	75
$5,000 to $9,999	393	–	23	82	119	90	79
$10,000 to $19,999	302	–	19	63	92	61	67
$20,000 to $24,999	61	–	2	11	24	13	11
$25,000 to $39,999	131	1	6	36	46	20	22
$40,000 to $49,999	53	1	4	7	23	12	6
$50,000 to $99,999	92	–	3	26	28	23	12
$100,000 to $249,999	69	–	2	10	27	14	16
$250,000 to $499,999	19	–	–	5	3	5	6
$500,000 to $999,999	5	–	–	2	–	–	3
$1,000,000 to $2,499,999	3	–	–	–	3	–	–
$2,500,000 to $4,999,999	4	–	–	1	3	–	–
$5,000,000 or more	–	–	–	–	–	–	–
Grains ..... farms..	27	–	–	7	7	6	7
$1,000..	119	–	–	6	47	26	40
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Corn for grain ..... farms..	18	–	–	2	5	6	5
$1,000..	75	–	–	(D)	22	(D)	(D)
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	3	–	–	–	1	2	–
$1,000..	18	–	–	–	(D)	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other grains ..... farms..	9	–	–	5	2	–	2
$1,000..	25	–	–	(D)	(D)	–	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	17	1	2	2	10	–	2
$1,000..	743	(D)	(D)	(D)	346	–	(D)
Sales of $50,000 or more ..... farms..	7	–	1	–	4	–	2
$1,000..	540	–	(D)	–	236	–	(D)
Hay, silage, and field seeds ..... farms..	721	2	18	118	234	171	178
$1,000..	3 237	(D)	(D)	572	1 136	691	738
Sales of $50,000 or more ..... farms..	5	–	–	1	2	2	–
$1,000..	329	–	–	(D)	(D)	(D)	–
Vegetables, sweet corn, and melons ..... farms..	289	1	22	73	108	56	29
$1,000..	3 903	(D)	(D)	1 053	1 562	617	390
Sales of $50,000 or more ..... farms..	16	–	–	7	6	3	–
$1,000..	1 318	–	–	526	633	159	–
Fruits, nuts, and berries ..... farms..	410	–	20	70	132	98	90
$1,000..	21 344	–	208	2 313	10 725	3 249	4 850
Sales of $50,000 or more ..... farms..	75	–	–	12	26	16	21
$1,000..	18 436	–	–	1 815	9 639	2 473	4 508
Nursery and greenhouse crops ..... farms..	644	–	23	141	219	135	126
$1,000..	16 859	–	525	6 676	5 205	1 974	2 479
Sales of $50,000 or more ..... farms..	61	–	3	17	21	12	8
$1,000..	12 167	–	300	5 712	3 572	962	1 621
Other crops ..... farms..	153	1	9	57	52	14	20
$1,000..	640	(D)	(D)	346	(D)	37	59
Sales of $50,000 or more ..... farms..	1	–	–	1	–	–	–
$1,000..	(D)	–	–	(D)	–	–	–
Poultry and poultry products ..... farms..	206	–	6	53	66	63	18
$1,000..	5 890	–	3	224	(D)	56	(D)
Sales of $50,000 or more ..... farms..	3	–	–	–	1	–	2
$1,000..	(D)	–	–	–	(D)	–	(D)
Dairy products ..... farms..	36	–	–	13	4	9	10
$1,000..	2 002	–	–	491	193	691	627
Sales of $50,000 or more ..... farms..	15	–	–	4	3	4	4
$1,000..	1 555	–	–	(D)	(D)	589	455
Cattle and calves ..... farms..	453	4	23	98	133	113	82
$1,000..	1 377	5	58	222	352	440	301
Sales of $50,000 or more ..... farms..	2	–	–	–	–	2	–
$1,000..	(D)	–	–	–	–	(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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	269	124	1	2	25	31	24	41
$1,000..	2 265	1 838	(D)	(D)	553	348	550	344
Sales of $50,000 or more ..... farms..	7	7	–	–	2	2	3	–
$1,000..	905	905	–	–	(D)	(D)	350	–
Sheep, lambs, and wool ..... farms..	396	165	1	5	31	42	40	46
$1,000..	475	234	(D)	(D)	85	51	47	48
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	284	3	26	64	84	55	52
$1,000..	12 190	7 511	20	1 898	1 465	1 983	1 063	1 083
Sales of $50,000 or more ..... farms..	26	22	–	5	3	9	3	2
$1,000..	9 298	(D)	–	1 770	(D)	1 213	820	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	1 226	688	7	32	127	172	131	219
$1,000..	19 825	18 055	78	835	4 810	5 668	4 210	2 455
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	5 565	2 884	19	161	539	768	466	931
$1,000..	311 068	266 163	1 073	11 331	45 058	104 064	59 027	45 610
Average per farm ..... dollars..	55 897	92 290	56 470	70 380	83 596	135 500	126 667	48 990
Livestock and poultry purchased ..... farms..	1 075	590	1	31	132	186	89	151
$1,000..	7 408	5 914	(D)	(D)	971	1 883	1 031	1 496
Farms with expenses of—								
$1 to $4,999	831	401	–	26	72	130	56	117
$5,000 to $24,999	180	135	1	2	53	30	24	25
$25,000 to $99,999	52	43	–	2	6	23	7	5
$100,000 to $249,999	8	8	–	–	1	2	2	3
$250,000 or more	4	3	–	1	–	1	–	1
Feed for livestock and poultry ..... farms..	2 161	1 134	3	42	225	340	191	333
$1,000..	31 880	27 502	95	629	6 418	8 552	4 987	6 820
Farms with expenses of—								
$1 to $4,999	1 590	659	–	28	101	186	123	221
$5,000 to $24,999	241	174	1	7	30	77	21	38
$25,000 to $99,999	259	232	2	5	82	52	32	59
$100,000 to $249,999	58	58	–	2	10	23	11	12
$250,000 or more	13	11	–	–	2	2	4	3
Commercially mixed formula feeds ..... farms..	1 492	832	3	26	193	251	136	223
$1,000..	23 392	20 221	26	471	4 787	6 347	3 824	4 764
Farms with expenses of—								
$1 to $4,999	1 016	406	–	12	83	122	71	118
$5,000 to $24,999	238	208	3	7	33	72	29	64
$25,000 to $99,999	192	174	–	7	71	42	25	29
$100,000 or more	46	44	–	–	6	15	11	12
Seeds, bulbs, plants, and trees ..... farms..	2 422	1 516	8	94	323	412	267	412
$1,000..	15 829	13 288	9	437	1 758	5 737	3 330	2 016
Farms with expenses of—								
$1 to $999	1 441	764	5	42	142	159	127	289
$1,000 to $4,999	603	438	3	35	94	142	80	84
$5,000 to $24,999	282	228	–	13	67	82	35	31
$25,000 to $49,999	47	41	–	1	16	11	11	2
$50,000 or more	49	45	–	3	4	18	14	6
Commercial fertilizer ..... farms..	3 478	2 127	18	132	413	539	355	670
$1,000..	10 273	8 925	38	363	1 658	3 289	2 229	1 349
Farms with expenses of—								
$1 to $4,999	3 061	1 762	16	120	320	418	278	610
$5,000 to $24,999	343	293	2	10	79	91	59	52
$25,000 to $49,999	49	48	–	1	12	19	9	7
$50,000 or more	25	24	–	1	2	11	9	1
Agricultural chemicals ..... farms..	2 425	1 553	16	99	315	412	273	438
$1,000..	8 299	7 269	44	156	999	3 008	1 807	1 255
Farms with expenses of—								
$1 to $4,999	2 123	1 268	14	95	264	318	206	371
$5,000 to $24,999	242	230	2	4	47	71	52	54
$25,000 to $49,999	37	35	–	–	3	11	10	11
$50,000 or more	23	20	–	–	1	12	5	2
Petroleum products ..... farms..	5 245	2 739	19	160	516	741	434	869
$1,000..	14 893	12 634	38	693	2 502	4 820	2 589	1 992
Farms with expenses of—								
$1 to $4,999	4 665	2 205	17	132	382	541	337	796
$5,000 to $24,999	498	456	2	23	120	172	74	65
$25,000 to $49,999	45	44	–	3	8	15	12	6
$50,000 or more	37	34	–	2	6	13	11	2
Gasoline and gasohol ..... farms..	4 313	2 284	17	132	407	579	378	771
$1,000..	4 901	3 954	17	180	733	1 395	752	877
Diesel fuel ..... farms..	3 107	1 787	18	79	355	505	361	469
$1,000..	3 264	2 830	10	(D)	520	888	693	(D)
Natural gas ..... farms..	246	157	–	3	38	45	33	38
$1,000..	1 096	961	–	(D)	260	411	189	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	2 188	19	140	455	593	353	628
$1,000..	5 631	4 889	12	345	989	2 126	955	463

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..	145	–	12	43	40	28	22
$1,000..	427	–	47	122	74	78	106
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	231	–	8	64	72	48	39
$1,000..	241	–	4	63	75	48	50
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	273	2	16	58	106	60	31
$1,000..	4 679	(D)	(D)	(D)	3 772	567	119
Sales of $50,000 or more ..... farms..	4	–	–	1	2	1	–
$1,000..	(D)	–	–	(D)	(D)	(D)	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	538	1	32	127	185	129	64
$1,000..	1 770	(D)	(D)	336	641	586	138
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	2 681	18	173	546	779	501	664
$1,000..	44 905	122	1 729	8 663	18 084	6 078	10 229
Average per farm ..... dollars..	16 749	6 766	9 992	15 866	23 215	12 132	15 406
Livestock and poultry purchased ..... farms..	485	–	47	148	108	112	70
$1,000..	1 494	–	150	174	527	178	465
Farms with expenses of—							
$1 to $4,999	430	–	26	136	105	111	52
$5,000 to $24,999	45	–	21	12	2	–	10
$25,000 to $99,999	9	–	–	–	–	1	8
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	1	–	–	–	1	–	–
Feed for livestock and poultry ..... farms..	1 027	17	49	259	274	217	211
$1,000..	4 379	18	95	548	1 932	404	1 381
Farms with expenses of—							
$1 to $4,999	931	17	48	248	253	195	170
$5,000 to $24,999	67	–	1	3	19	21	23
$25,000 to $99,999	27	–	–	8	1	1	17
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	2	–	–	–	1	–	1
Commercially mixed formula feeds ..... farms..	660	8	7	156	185	181	123
$1,000..	3 171	2	13	364	1 812	141	840
Farms with expenses of—							
$1 to $4,999	610	8	7	147	167	179	102
$5,000 to $24,999	30	–	–	1	16	2	11
$25,000 to $99,999	18	–	–	8	1	–	9
$100,000 or more	2	–	–	–	1	–	1
Seeds, bulbs, plants, and trees ..... farms..	906	1	87	200	249	176	193
$1,000..	2 542	(D)	(D)	1 272	511	174	436
Farms with expenses of—							
$1 to $999	677	1	63	160	160	138	155
$1,000 to $4,999	165	–	15	28	62	34	26
$5,000 to $24,999	54	–	9	7	24	4	10
$25,000 to $49,999	6	–	–	3	2	–	1
$50,000 or more	4	–	–	2	1	–	1
Commercial fertilizer ..... farms..	1 351	10	94	217	412	277	341
$1,000..	1 348	20	64	165	624	178	296
Farms with expenses of—							
$1 to $4,999	1 299	10	94	215	393	271	316
$5,000 to $24,999	50	–	–	2	17	6	25
$25,000 to $49,999	1	–	–	–	1	–	–
$50,000 or more	1	–	–	–	1	–	–
Agricultural chemicals ..... farms..	872	1	56	152	258	202	203
$1,000..	1 030	(D)	(D)	103	578	116	212
Farms with expenses of—							
$1 to $4,999	855	1	56	150	250	201	197
$5,000 to $24,999	12	–	–	2	5	1	4
$25,000 to $49,999	2	–	–	–	–	–	2
$50,000 or more	3	–	–	–	3	–	–
Petroleum products ..... farms..	2 506	18	172	492	742	466	616
$1,000..	2 259	6	141	499	748	361	505
Farms with expenses of—							
$1 to $4,999	2 460	18	162	484	734	459	603
$5,000 to $24,999	42	–	10	7	5	7	13
$25,000 to $49,999	1	–	–	–	1	–	–
$50,000 or more	3	–	–	1	2	–	–
Gasoline and gasohol ..... farms..	2 029	18	141	443	549	385	493
$1,000..	947	4	78	189	310	163	203
Diesel fuel ..... farms..	1 320	10	82	255	400	263	310
$1,000..	435	(D)	(D)	114	118	88	99
Natural gas ..... farms..	89	–	7	14	48	10	10
$1,000..	135	–	8	22	38	47	20
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	1 431	2	110	296	403	275	345
$1,000..	742	(D)	(D)	174	281	63	183

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..	3 690	2 155	7	100	428	581	380	659
$1,000..	7 715	6 509	17	494	1 354	2 226	1 271	1 147
Farms with expenses of—								
$1 to $999	2 299	1 050	3	38	143	234	201	431
$1,000 to $4,999	1 029	783	2	47	221	220	117	176
$5,000 to $24,999	332	294	2	12	60	117	56	47
$25,000 to $49,999	18	17	–	2	1	6	4	4
$50,000 or more	12	11	–	1	3	4	2	1
Hired farm labor ..... farms..	2 188	1 458	6	102	305	431	263	351
$1,000..	81 630	74 366	129	3 009	10 303	29 148	19 397	12 380
Farms with expenses of—								
$1 to $4,999	1 096	569	1	43	127	142	70	186
$5,000 to $24,999	553	414	4	37	76	109	92	96
$25,000 to $99,999	371	317	1	16	78	116	64	42
$100,000 to $249,999	109	102	–	3	16	37	24	22
$250,000 or more	59	56	–	3	8	27	13	5
Workers by days worked:								
150 days or more ..... farms..	988	823	5	34	168	276	186	154
workers..	4 635	4 209	14	189	612	1 594	1 043	757
Less than 150 days ..... farms..	1 933	1 248	5	96	271	373	209	294
workers..	9 295	6 896	52	375	1 300	2 252	1 422	1 495
Contract labor ..... farms..	690	462	9	20	136	111	61	125
$1,000..	7 276	5 940	(D)	(D)	1 267	1 887	1 162	1 417
Farms with expenses of—								
$1 to $999	221	128	9	1	53	16	11	38
$1,000 to $4,999	233	162	–	4	38	35	23	62
$5,000 to $24,999	160	107	–	14	31	33	13	16
$25,000 to $49,999	43	38	–	1	9	16	9	3
$50,000 or more	33	27	–	–	5	11	5	6
Repair and maintenance ..... farms..	4 716	2 587	18	159	508	689	424	789
$1,000..	22 779	18 378	147	685	3 273	7 955	3 630	2 688
Farms with expenses of—								
$1 to $4,999	3 879	1 890	13	122	321	450	294	690
$5,000 to $24,999	697	566	4	33	157	194	98	80
$25,000 to $49,999	98	91	–	3	28	23	24	13
$50,000 or more	42	40	1	1	2	22	8	6
Customwork, machine hire, and rental of machinery and equipment ..... farms..	1 061	704	10	38	135	212	131	178
$1,000..	7 089	6 069	145	93	771	2 681	1 272	1 107
Farms with expenses of—								
$1 to $999	530	289	–	13	47	72	43	114
$1,000 to $4,999	286	205	–	22	46	60	52	25
$5,000 to $24,999	186	165	9	2	37	59	28	30
$25,000 to $49,999	33	22	1	1	4	10	2	4
$50,000 or more	26	23	–	–	1	11	6	5
Interest ..... farms..	1 580	1 033	11	68	280	317	179	178
$1,000..	15 766	12 769	195	736	2 542	4 802	3 014	1 478
Farms with expenses of—								
$1 to $4,999	900	510	1	25	147	130	84	123
$5,000 to $24,999	562	414	10	37	104	148	73	42
$25,000 to $99,999	95	89	–	6	28	29	16	10
$100,000 or more	23	20	–	–	1	10	6	3
Secured by real estate ..... farms..	1 193	766	10	47	167	235	158	149
$1,000..	13 039	10 437	(D)	(D)	1 999	3 820	2 670	1 183
Farms with expenses of—								
$1 to $999	108	71	–	–	3	15	15	38
$1,000 to $4,999	520	272	–	13	65	68	60	66
$5,000 to $24,999	468	333	10	30	73	121	65	34
$25,000 to $49,999	52	50	–	3	21	14	6	6
$50,000 or more	45	40	–	1	5	17	12	5
Not secured by real estate ..... farms..	628	446	1	28	157	136	67	57
$1,000..	2 727	2 332	(D)	(D)	543	982	344	296
Farms with expenses of—								
$1 to $999	203	118	1	10	49	35	7	16
$1,000 to $4,999	295	206	–	8	66	62	38	32
$5,000 to $24,999	112	106	–	9	41	32	19	5
$25,000 to $49,999	12	11	–	1	1	3	3	3
$50,000 or more	6	5	–	–	–	4	–	1
Cash rent ..... farms..	900	679	4	50	229	191	104	101
$1,000..	6 393	5 876	15	185	1 273	2 216	1 733	454
Farms with expenses of—								
$1 to $4,999	709	494	3	36	182	126	71	76
$5,000 to $9,999	77	74	1	10	13	30	4	16
$10,000 to $24,999	68	67	–	4	22	20	16	5
$25,000 or more	46	44	–	–	12	15	13	4
Property taxes ..... farms..	5 138	2 665	15	119	467	710	440	914
$1,000..	19 915	13 038	53	487	1 935	4 553	2 510	3 499
Farms with expenses of—								
$1 to $4,999	4 217	2 010	14	99	342	522	307	726
$5,000 to $9,999	601	416	1	8	86	127	72	122
$10,000 to $24,999	253	178	–	2	33	43	43	57
$25,000 or more	67	61	–	10	6	18	18	9
All other farm production expenses ..... farms..	5 081	2 819	19	161	531	750	459	899
$1,000..	53 923	47 687	125	2 646	8 033	21 307	9 064	6 511
Farms with expenses of—								
$1 to $4,999	3 876	1 780	7	102	262	435	289	685
$5,000 to $24,999	849	705	11	44	201	193	101	155
$25,000 to $49,999	157	146	1	5	29	51	27	33
$50,000 to $99,999	97	94	–	5	23	33	17	16
$100,000 or more	102	94	–	5	16	38	25	10

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..	1 535	18	111	307	467	270	362
$1,000..	1 206	3	52	168	477	178	328
Farms with expenses of—							
$1 to $999	1 249	18	102	264	385	195	285
$1,000 to $4,999	246	–	9	37	76	71	53
$5,000 to $24,999	38	–	–	6	4	4	24
$25,000 to $49,999	1	–	–	–	1	–	–
$50,000 or more	1	–	–	–	1	–	–
Hired farm labor ..... farms..	730	10	60	196	191	104	169
$1,000..	7 263	4	236	1 877	2 822	426	1 899
Farms with expenses of—							
$1 to $4,999	527	10	35	149	119	93	121
$5,000 to $24,999	139	–	24	38	46	3	28
$25,000 to $99,999	54	–	1	7	21	8	17
$100,000 to $249,999	7	–	–	1	3	–	3
$250,000 or more	3	–	–	1	2	–	–
Workers by days worked:							
150 days or more ..... farms..	165	–	18	39	44	17	47
workers..	426	–	25	117	137	25	122
Less than 150 days ..... farms..	685	10	53	189	177	97	159
workers..	2 399	38	115	663	858	288	437
Contract labor ..... farms..	228	–	19	24	82	49	54
$1,000..	1 336	–	18	124	496	355	343
Farms with expenses of—							
$1 to $999	93	–	16	7	40	16	14
$1,000 to $4,999	71	–	2	13	19	18	19
$5,000 to $24,999	53	–	1	3	20	11	18
$25,000 to $49,999	5	–	–	–	–	2	3
$50,000 or more	6	–	–	1	3	2	–
Repair and maintenance ..... farms..	2 129	18	149	401	644	431	486
$1,000..	4 401	12	198	752	1 720	823	896
Farms with expenses of—							
$1 to $4,999	1 989	18	141	363	601	408	458
$5,000 to $24,999	131	–	7	36	41	21	26
$25,000 to $49,999	7	–	1	2	1	1	2
$50,000 or more	2	–	–	–	1	1	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	357	1	17	85	108	53	93
$1,000..	1 020	(D)	(D)	124	605	154	124
Farms with expenses of—							
$1 to $999	241	1	14	60	65	27	74
$1,000 to $4,999	81	–	3	18	27	16	17
$5,000 to $24,999	21	–	–	7	4	9	1
$25,000 to $49,999	11	–	–	–	10	–	1
$50,000 or more	3	–	–	–	2	1	–
Interest ..... farms..	547	8	52	113	190	101	83
$1,000..	2 997	14	118	570	1 315	529	451
Farms with expenses of—							
$1 to $4,999	390	8	50	69	133	84	46
$5,000 to $24,999	148	–	2	43	53	15	35
$25,000 to $99,999	6	–	–	1	2	1	2
$100,000 or more	3	–	–	–	2	1	–
Secured by real estate ..... farms..	427	7	28	90	157	69	76
$1,000..	2 602	(D)	(D)	486	1 146	479	393
Farms with expenses of—							
$1 to $999	37	–	–	–	17	9	11
$1,000 to $4,999	248	7	26	54	88	43	30
$5,000 to $24,999	135	–	2	35	49	15	34
$25,000 to $49,999	2	–	–	1	–	–	1
$50,000 or more	5	–	–	–	3	2	–
Not secured by real estate ..... farms..	182	1	24	64	43	35	15
$1,000..	395	(D)	(D)	84	168	50	59
Farms with expenses of—							
$1 to $999	85	1	8	23	23	19	11
$1,000 to $4,999	89	–	16	40	15	16	2
$5,000 to $24,999	6	–	–	1	4	–	1
$25,000 to $49,999	1	–	–	–	–	–	1
$50,000 or more	1	–	–	–	1	–	–
Cash rent ..... farms..	221	–	20	53	70	35	43
$1,000..	517	–	5	94	329	50	38
Farms with expenses of—							
$1 to $4,999	215	–	20	50	68	34	43
$5,000 to $9,999	3	–	–	1	1	1	–
$10,000 to $24,999	1	–	–	1	–	–	–
$25,000 or more	2	–	–	1	1	–	–
Property taxes ..... farms..	2 473	17	156	488	744	470	598
$1,000..	6 877	29	279	1 164	2 272	1 407	1 727
Farms with expenses of—							
$1 to $4,999	2 207	17	156	461	649	403	521
$5,000 to $9,999	185	–	–	20	60	51	54
$10,000 to $24,999	75	–	–	6	33	16	20
$25,000 or more	6	–	–	1	2	–	3
All other farm production expenses ..... farms..	2 262	18	144	471	623	452	554
$1,000..	6 236	15	189	1 028	3 131	744	1 129
Farms with expenses of—							
$1 to $4,999	2 096	18	143	433	545	435	522
$5,000 to $24,999	144	–	1	36	68	13	26
$25,000 to $49,999	11	–	–	–	4	3	4
$50,000 to $99,999	3	–	–	1	1	1	–
$100,000 or more	8	–	–	1	5	–	2

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..	5 571	2 890	19	161	539	768	466	937
$1,000..	135 155	119 087	238	2 600	20 048	48 373	27 422	20 406
Average per farm ..... dollars..	24 260	41 207	12 520	16 152	37 194	62 985	58 846	21 778
Farms with net gains[2] ..... number..	2 861	1 786	16	107	361	480	293	529
Average net gain ..... dollars..	55 554	74 515	19 783	49 753	62 017	107 405	100 583	45 425
Gain of—								
Less than $1,000	265	81	–	2	31	10	9	29
$1,000 to $9,999	1 089	571	12	33	84	114	52	276
$10,000 to $49,999	932	648	1	45	139	186	131	146
$50,000 or more	575	486	3	27	107	170	101	78
Farms with net losses ..... number..	2 710	1 104	3	54	178	288	173	408
Average net loss ..... dollars..	8 777	12 678	26 215	50 429	13 148	11 048	11 840	8 882
Loss of—								
Less than $1,000	404	120	–	11	6	15	6	82
$1,000 to $9,999	1 734	676	1	10	98	186	139	242
$10,000 to $49,999	532	281	1	31	69	82	20	78
$50,000 or more	40	27	1	2	5	5	8	6
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	401	306	2	11	63	80	79	71
$1,000..	1 209	1 099	(D)	(D)	234	341	249	230
Other farm-related income[1] ..... farms..	1 340	760	–	34	166	217	116	227
$1,000..	7 773	5 880	–	278	1 599	1 957	646	1 400
Customwork and other agricultural services ..... farms..	416	211	–	9	47	78	20	57
$1,000..	3 484	2 759	–	165	1 002	1 339	135	118
Gross cash rent or share payments ..... farms..	254	114	–	2	20	31	26	35
$1,000..	598	288	–	(D)	(D)	27	66	168
Forest products, excluding Christmas trees and maple products ..... farms..	487	275	–	3	40	76	50	106
$1,000..	1 997	1 401	–	(D)	(D)	173	213	754
Other farm-related income sources ..... farms..	452	353	–	23	111	79	52	88
$1,000..	1 695	1 432	–	96	328	417	232	359
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	7	6	–	1	1	2	2	–
$1,000..	137	(D)	–	(D)	(D)	(D)	(D)	–
Corn ..... farms..	7	6	–	1	1	2	2	–
$1,000..	137	(D)	–	(D)	(D)	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
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..	4 990	2 700	18	116	476	685	524	881
acres..	223 573	168 238	640	7 706	31 392	46 804	36 282	45 414
Harvested cropland ..... farms..	4 587	2 511	14	104	443	631	489	830
acres..	168 765	131 445	514	5 995	25 812	37 657	29 246	32 221
Farms by acres harvested:								
1 to 49 acres	3 675	1 785	10	70	301	422	334	648
50 to 99 acres	469	342	2	13	59	98	68	102
100 to 199 acres	279	229	2	11	49	66	48	53
200 to 499 acres	146	137	–	9	31	39	33	25
500 to 999 acres	14	14	–	1	2	5	5	1
1,000 to 1,999 acres	4	4	–	–	1	1	1	1
2,000 acres or more	–	–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only ..... farms..	1 621	880	8	39	153	214	169	297
acres..	39 471	26 486	75	1 115	4 298	6 473	4 922	9 603
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	181	1	13	33	40	42	52
acres..	3 961	2 970	(D)	(D)	385	768	846	843
On which all crops failed ..... farms..	165	118	4	5	24	31	17	37
acres..	1 201	936	47	55	159	258	130	287
In cultivated summer fallow ..... farms..	70	51	–	3	11	11	6	20
acres..	409	332	–	23	72	121	28	88
Idle ..... farms..	661	373	3	16	63	108	69	114
acres..	9 766	6 069	(D)	(D)	666	1 527	1 110	2 372
Total woodland ..... farms..	3 011	1 591	9	58	260	397	289	578
acres..	197 075	122 125	779	4 607	15 647	38 734	19 641	42 717
Woodland pastured ..... farms..	734	392	1	24	70	85	67	145
acres..	20 194	12 564	(D)	(D)	1 744	2 510	2 248	5 371
Woodland not pastured ..... farms..	2 726	1 432	9	52	232	360	264	515
acres..	176 881	109 561	(D)	(D)	13 903	36 224	17 393	37 346

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..	2 681	18	173	546	779	501	664
$1,000..	16 068	–43	1 382	1 788	11 399	–511	2 054
Average per farm ..... dollars..	5 993	–2 410	7 988	3 274	14 633	–1 020	3 094
Farms with net gains[2] ..... number..	1 075	1	97	214	315	204	244
Average net gain ..... dollars..	24 053	(D)	19 217	18 330	42 917	(D)	20 394
Gain of—							
Less than $1,000	184	–	10	43	46	37	48
$1,000 to $9,999	518	–	42	120	118	136	102
$10,000 to $49,999	284	1	28	40	126	24	65
$50,000 or more	89	–	17	11	25	7	29
Farms with net losses ..... number..	1 606	17	76	332	464	297	420
Average net loss ..... dollars..	6 095	(D)	6 345	6 431	4 568	(D)	6 957
Loss of—							
Less than $1,000	284	1	1	47	113	32	90
$1,000 to $9,999	1 058	16	58	236	284	202	262
$10,000 to $49,999	251	–	17	49	65	62	58
$50,000 or more	13	–	–	–	2	1	10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	95	–	3	17	26	25	24
$1,000..	110	–	1	29	29	21	30
Other farm-related income[1] ..... farms..	580	8	32	137	145	136	122
$1,000..	1 894	4	148	576	543	309	313
Customwork and other agricultural services ..... farms..	205	7	7	47	52	73	19
$1,000..	724	2	7	160	311	171	73
Gross cash rent or share payments ..... farms..	140	–	9	9	48	40	34
$1,000..	311	–	5	65	137	32	72
Forest products, excluding Christmas trees and maple products ..... farms..	212	8	10	63	52	32	47
$1,000..	596	2	135	164	67	102	126
Other farm-related income sources ..... farms..	99	–	6	25	15	23	30
$1,000..	263	–	1	187	29	3	42
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	1	–	–	–	1	–	–
$1,000..	(D)	–	–	–	(D)	–	–
Corn ..... farms..	1	–	–	–	1	–	–
$1,000..	(D)	–	–	–	(D)	–	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
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..	2 290	6	95	458	736	513	482
acres..	55 335	184	1 582	10 435	17 358	12 345	13 431
Harvested cropland ..... farms..	2 076	6	83	413	661	465	448
acres..	37 320	(D)	(D)	6 958	11 695	8 300	9 062
Farms by acres harvested:							
1 to 49 acres	1 890	4	80	377	611	417	401
50 to 99 acres	127	2	–	23	32	36	34
100 to 199 acres	50	–	2	13	13	12	10
200 to 499 acres	9	–	1	–	5	–	3
500 to 999 acres	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	741	–	24	142	250	178	147
acres..	12 985	–	275	2 601	3 996	2 661	3 452
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	115	–	12	24	41	22	16
acres..	991	–	77	215	322	289	88
On which all crops failed ..... farms..	47	–	2	12	19	9	5
acres..	265	–	(D)	38	135	(D)	(D)
In cultivated summer fallow ..... farms..	19	–	1	3	11	1	3
acres..	77	–	(D)	3	50	(D)	(D)
Idle ..... farms..	288	1	8	59	91	80	49
acres..	3 697	(D)	(D)	620	1 160	1 030	781
Total woodland ..... farms..	1 420	7	44	283	462	330	294
acres..	74 950	173	2 128	11 689	24 985	16 172	19 803
Woodland pastured ..... farms..	342	4	20	74	109	69	66
acres..	7 630	(D)	(D)	1 626	3 382	976	1 331
Woodland not pastured ..... farms..	1 294	4	39	250	430	303	268
acres..	67 320	(D)	(D)	10 063	21 603	15 196	18 472

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..	885	472	2	28	93	128	88	133
acres..	24 183	15 588	(D)	(D)	2 838	4 448	2 366	5 267
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	2 030	11	82	354	555	410	618
acres..	73 468	50 471	(D)	(D)	6 690	19 174	11 426	11 737
Irrigated land ..... farms..	1 630	1 078	7	56	253	345	192	225
acres..	24 564	20 922	63	577	3 629	9 061	4 310	3 282
Harvested cropland irrigated ..... farms..	1 614	1 068	7	55	250	341	192	223
acres..	24 269	20 707	(D)	(D)	3 599	(D)	4 284	3 150
Pasture and other land irrigated ..... farms..	45	26	1	1	5	7	4	8
acres..	295	215	(D)	(D)	30	(D)	26	132
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	38	1	2	5	11	7	12
acres..	2 690	1 731	(D)	(D)	37	343	309	945
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings ..... farms..	5 571	2 890	19	161	539	768	466	937
$1,000..	2 534 884	1 649 583	7 304	80 460	287 977	545 979	298 061	429 801
Average per farm ..... dollars..	455 014	570 790	384 436	499 754	534 281	710 910	639 615	458 699
Average per acre ..... dollars..	5 207	4 917	6 154	4 923	4 881	4 888	5 010	4 896
Farms by value group:								
$1 to $39,999	411	148	–	20	28	25	28	47
$40,000 to $69,999	300	147	1	19	21	34	23	49
$70,000 to $99,999	175	78	1	–	–	14	5	58
$100,000 to $149,999	464	200	1	20	31	36	34	78
$150,000 to $199,999	741	300	9	27	35	40	49	140
$200,000 to $499,999	2 029	1 070	3	39	216	318	145	349
$500,000 to $999,999	909	548	1	12	145	172	90	128
$1,000,000 to $1,999,999	374	277	3	12	50	86	62	64
$2,000,000 to $4,999,999	147	105	–	12	13	33	27	20
$5,000,000 or more	21	17	–	–	–	10	3	4
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms..	5 571	2 890	19	161	539	768	466	937
$1,000..	225 043	159 100	711	8 109	29 594	54 469	29 588	36 629
Farms by value group:								
$1 to $4,999	744	286	1	24	11	45	15	190
$5,000 to $9,999	764	292	10	39	44	78	48	73
$10,000 to $19,999	1 266	559	–	26	105	162	86	180
$20,000 to $49,999	1 490	793	1	29	200	161	134	268
$50,000 to $99,999	708	483	2	6	101	159	93	122
$100,000 to $199,999	442	338	5	27	53	113	59	81
$200,000 to $499,999	135	117	–	9	21	42	27	18
$500,000 or more	22	22	–	1	4	8	4	5
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms..	4 836	2 603	19	155	505	731	397	796
number..	10 539	6 934	34	284	1 363	2 130	1 319	1 804
Wheel tractors ..... farms..	4 655	2 444	15	101	444	631	414	839
number..	10 334	6 226	28	235	1 218	1 579	1 215	1 951
Less than 40 horsepower (PTO) ..... farms..	3 441	1 677	15	46	313	406	275	622
number..	5 650	3 029	19	79	531	738	516	1 146
40 horsepower (PTO) or more ..... farms..	2 613	1 591	5	74	332	417	321	442
number..	4 684	3 197	9	156	687	841	699	805
40 to 99 horsepower (PTO) ..... farms..	2 462	1 489	5	66	323	383	297	415
number..	4 025	2 682	(D)	(D)	573	708	569	699
100 horsepower (PTO) or more ..... farms..	436	313	1	23	71	80	71	67
number..	659	515	(D)	(D)	114	133	130	106
Grain and bean combines ..... farms..	50	37	–	2	6	21	4	4
number..	54	41	–	(D)	7	22	(D)	5
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	839	5	33	175	224	139	263
number..	1 590	919	5	35	178	251	150	300
Pickup balers ..... farms..	1 389	796	4	26	155	188	120	303
number..	1 651	958	4	37	190	238	148	341
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms..	3 442	2 129	18	132	413	539	355	672
acres on which used..	112 983	92 531	288	3 536	20 874	28 598	22 117	17 118
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms..	1 689	1 105	15	81	225	307	188	289
acres on which used..	39 570	34 060	247	1 291	6 197	11 440	10 004	4 881
Nematodes in crops ..... farms..	191	115	–	13	18	30	21	33
acres on which used..	4 019	3 430	–	101	674	1 318	950	387
Diseases in crops and orchards ..... farms..	1 152	782	10	48	153	204	166	201
acres on which used..	24 869	21 741	55	882	3 227	7 635	6 729	3 213
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	965	15	56	217	236	190	251
acres on which used..	48 093	43 153	262	1 409	9 346	14 777	10 958	6 401
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	137	–	–	38	41	31	27
acres on which used..	4 195	3 579	–	–	368	1 091	1 590	530

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..	413	4	19	98	138	89	65
acres..	8 595	45	248	1 743	2 943	1 784	1 832
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	1 704	6	66	329	594	380	329
acres..	22 997	11	561	2 815	10 001	4 410	5 199
Irrigated land ..... farms..	552	–	32	115	202	112	91
acres..	3 642	–	92	504	1 788	551	707
Harvested cropland irrigated ..... farms..	546	–	32	113	201	111	89
acres..	3 562	–	(D)	499	1 768	(D)	663
Pasture and other land irrigated ..... farms..	19	–	1	4	8	2	4
acres..	80	–	(D)	5	20	(D)	44
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	33	–	–	6	9	9	9
acres..	959	–	–	207	267	189	296
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	2 681	18	173	546	779	501	664
$1,000..	885 301	8 718	24 837	162 216	289 591	171 291	228 649
Average per farm ..... dollars..	330 213	484 306	143 567	297 098	371 747	341 897	344 351
Average per acre ..... dollars..	5 850	6 020	4 264	7 130	6 060	5 172	5 658
Farms by value group:							
$1 to $39,999	263	1	32	64	84	50	32
$40,000 to $69,999	153	–	17	41	24	49	22
$70,000 to $99,999	97	–	6	13	16	26	36
$100,000 to $149,999	264	–	46	86	55	38	39
$150,000 to $199,999	441	–	32	91	83	75	160
$200,000 to $499,999	959	8	40	174	342	152	243
$500,000 to $999,999	361	9	–	56	127	76	93
$1,000,000 to $1,999,999	97	–	–	10	36	24	27
$2,000,000 to $4,999,999	42	–	–	9	10	11	12
$5,000,000 or more	4	–	–	2	2	–	–
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	2 681	18	173	546	779	501	664
$1,000..	65 943	465	3 710	14 577	22 350	10 701	14 140
Farms by value group:							
$1 to $4,999	458	–	11	84	132	102	129
$5,000 to $9,999	472	–	32	68	124	117	131
$10,000 to $19,999	707	1	51	158	209	91	197
$20,000 to $49,999	697	17	67	153	177	149	134
$50,000 to $99,999	225	–	11	49	79	31	55
$100,000 to $199,999	104	–	1	31	49	10	13
$200,000 to $499,999	18	–	–	3	9	1	5
$500,000 or more	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	2 233	18	145	478	621	424	547
number..	3 605	18	202	859	1 012	658	856
Wheel tractors ..... farms..	2 211	11	133	451	620	423	573
number..	4 108	30	229	810	1 035	819	1 185
Less than 40 horsepower (PTO) ..... farms..	1 764	11	79	361	489	346	478
number..	2 621	12	123	518	672	536	760
40 horsepower (PTO) or more ..... farms..	1 022	9	93	208	263	194	255
number..	1 487	18	106	292	363	283	425
40 to 99 horsepower (PTO) ..... farms..	973	9	86	196	236	194	252
number..	1 343	18	99	270	310	255	391
100 horsepower (PTO) or more ..... farms..	123	–	7	13	52	27	24
number..	144	–	7	22	53	28	34
Grain and bean combines ..... farms..	13	–	–	2	1	1	9
number..	13	–	–	(D)	(D)	(D)	9
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	594	10	29	119	198	128	110
number..	671	10	29	137	220	141	134
Pickup balers ..... farms..	593	10	33	108	145	177	120
number..	693	10	33	117	185	206	142
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	1 313	10	93	207	395	274	334
acres on which used..	20 452	514	699	2 986	7 988	3 599	4 666
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	584	1	38	96	203	113	133
acres on which used..	5 510	(D)	(D)	609	2 766	639	1 391
Nematodes in crops ..... farms..	76	–	16	1	25	16	18
acres on which used..	589	–	(D)	(D)	188	122	241
Diseases in crops and orchards ..... farms..	370	1	16	69	142	54	88
acres on which used..	3 128	(D)	(D)	457	1 388	315	935
Weeds, grass, or brush in crops and pasture ..... farms..	432	–	31	68	143	87	103
acres on which used..	4 940	–	68	638	2 194	817	1 223
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	39	–	–	14	9	8	8
acres on which used..	616	–	–	219	104	40	253

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	5 574	2 927	20	136	525	757	564	925
Full owners	3 791	1 788	6	59	247	441	352	683
Part owners	1 313	870	3	40	189	242	182	214
Tenants	470	269	11	37	89	74	30	28
White	5 538	2 911	20	136	522	752	562	919
Full owners	3 760	1 776	6	59	246	437	351	677
Part owners	1 310	867	3	40	187	241	182	214
Tenants	468	268	11	37	89	74	29	28
Black and other races	36	16	–	–	3	5	2	6
Full owners	31	12	–	–	1	4	1	6
Part owners	3	3	–	–	2	1	–	–
Tenants	2	1	–	–	–	–	1	–
OWNED AND RENTED LAND								
Land owned ... farms	5 105	2 659	9	99	436	683	535	897
acres	420 885	274 132	835	8 555	34 661	83 127	54 278	92 676
Owned land in farms ... farms	5 104	2 658	9	99	436	683	534	897
acres	408 639	268 399	835	8 440	34 144	81 961	53 265	89 754
Land rented or leased from others ... farms	1 794	1 147	14	78	280	318	212	245
acres	110 716	88 677	715	5 878	22 511	27 240	16 779	15 554
landlords	5 226	3 844	57	214	1 012	1 044	800	717
Rented or leased land in farms ... farms	1 783	1 139	14	77	278	316	212	242
acres	109 660	88 023	715	5 855	22 423	27 199	16 450	15 381
Land rented or leased to others ... farms	371	189	–	10	30	36	39	74
acres	13 302	6 387	–	138	605	1 207	1 342	3 095
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 203	2 207	10	66	362	570	446	753
Not on farm operated	1 074	550	5	60	137	152	92	104
Not reported	297	170	5	10	26	35	26	68
Operators by principal occupation:								
Farming	2 927	2 927	20	136	525	757	564	925
Other	2 647	–	–	–	–	–	–	–
Operators by days worked off farm:								
None	2 285	1 866	5	74	301	446	362	678
Any	2 980	752	12	43	190	250	142	115
1 to 99 days	549	371	4	19	99	117	60	72
100 to 199 days	567	189	4	7	39	71	47	21
200 days or more	1 864	192	4	17	52	62	35	22
Not reported	309	309	3	19	34	61	60	132
Operators by years on present farm:								
2 years or less	175	75	4	15	24	16	12	4
3 or 4 years	286	136	3	20	48	33	18	14
5 to 9 years	669	305	2	44	106	88	33	32
10 years or more	3 685	1 993	–	29	285	527	429	723
Average years on present farm	20.7	22.9	3.7	6.9	11.9	17.4	22.7	36.9
Not reported	759	418	11	28	62	93	72	152
Operators by age group:								
Under 25 years	31	20	20	–	–	–	–	–
25 to 34 years	253	136	–	136	–	–	–	–
35 to 44 years	1 071	525	–	–	525	–	–	–
45 to 49 years	785	384	–	–	–	384	–	–
50 to 54 years	836	373	–	–	–	373	–	–
55 to 59 years	646	299	–	–	–	–	299	–
60 to 64 years	500	265	–	–	–	–	265	–
65 to 69 years	455	256	–	–	–	–	–	256
70 years and over	997	669	–	–	–	–	–	669
Average age	54.9	56.3	21.5	30.5	39.8	49.4	59.2	74.0
Operators by sex:								
Male	4 648	2 428	17	97	413	613	465	823
Female	926	499	3	39	112	144	99	102
Operators of Spanish, Hispanic, or Latino origin (see text)	37	21	–	2	5	2	5	7
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms	4 496	2 208	16	102	374	538	422	756
acres	330 825	203 796	992	10 162	32 637	50 524	40 933	68 548
Partnership ... farms	443	299	2	10	63	72	55	97
acres	71 602	60 518	(D)	(D)	12 645	17 324	11 648	(D)
Corporation:								
Family held ... farms	494	335	2	16	63	116	74	64
acres	88 355	76 432	(D)	(D)	8 014	33 201	15 699	18 192
More than 10 stockholders ... farms	11	10	–	–	1	6	2	1
10 or less stockholders ... farms	483	325	2	16	62	110	72	63
Other than family held ... farms	60	35	–	3	9	16	6	1
acres	7 964	3 553	–	(D)	284	2 416	429	(D)
More than 10 stockholders ... farms	8	5	–	2	1	2	–	–
10 or less stockholders ... farms	52	30	–	1	8	14	6	1
Other—cooperative, estate or trust, institutional, etc. ... farms	81	50	–	5	16	15	7	7
acres	19 553	12 123	–	1 933	2 987	5 695	1 006	502

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
TENURE AND RACE OF OPERATOR							
All operators	2 647	11	117	546	864	582	527
Full owners	2 003	5	58	351	655	483	451
Part owners	443	2	27	130	155	65	64
Tenants	201	4	32	65	54	34	12
White	2 627	11	117	543	854	579	523
Full owners	1 984	5	58	348	646	480	447
Part owners	443	2	27	130	155	65	64
Tenants	200	4	32	65	53	34	12
Black and other races	20	–	–	3	10	3	4
Full owners	19	–	–	3	9	3	4
Part owners	–	–	–	–	–	–	–
Tenants	1	–	–	–	1	–	–
OWNED AND RENTED LAND							
Land owned farms	2 446	7	85	481	810	548	515
acres	146 753	296	3 070	21 050	49 480	33 378	39 479
Owned land in farms farms	2 446	7	85	481	810	548	515
acres	140 240	296	2 997	20 437	47 738	31 346	37 426
Land rented or leased from others farms	647	6	59	195	209	99	79
acres	22 039	117	1 542	6 308	7 685	3 436	2 951
landlords	1 382	8	108	433	409	238	186
Rented or leased land in farms farms	644	6	59	195	209	99	76
acres	21 637	117	1 522	6 245	7 549	3 365	2 839
Land rented or leased to others farms	182	–	10	22	52	44	54
acres	6 915	–	93	676	1 878	2 103	2 165
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1 996	5	83	403	679	446	380
Not on farm operated	524	5	30	130	144	113	102
Not reported	127	1	4	13	41	23	45
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	2 647	11	117	546	864	582	527
Operators by days worked off farm:							
None	419	1	6	32	57	64	259
Any	2 228	10	111	514	807	518	268
1 to 99 days	178	–	13	31	42	34	58
100 to 199 days	378	3	15	85	140	92	43
200 days or more	1 672	7	83	398	625	392	167
Not reported	–	–	–	–	–	–	–
Operators by years on present farm:							
2 years or less	100	4	20	34	24	11	7
3 or 4 years	150	–	27	56	46	14	7
5 to 9 years	364	1	24	151	115	51	22
10 years or more	1 692	–	26	253	590	438	385
Average years on present farm	18.3	2.8	6.5	10.6	16.2	20.8	31.3
Not reported	341	6	20	52	89	68	106
Operators by age group:							
Under 25 years	11	11	–	–	–	–	–
25 to 34 years	117	–	117	–	–	–	–
35 to 44 years	546	–	–	546	–	–	–
45 to 49 years	401	–	–	–	401	–	–
50 to 54 years	463	–	–	–	463	–	–
55 to 59 years	347	–	–	–	–	347	–
60 to 64 years	235	–	–	–	–	235	–
65 to 69 years	199	–	–	–	–	–	199
70 years and over	328	–	–	–	–	–	328
Average age	53.4	21.5	31.0	40.4	49.7	58.8	72.6
Operators by sex:							
Male	2 220	8	95	447	733	496	441
Female	427	3	22	99	131	86	86
Operators of Spanish, Hispanic, or Latino origin (see text)	16	–	2	3	6	3	2
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	2 288	11	100	462	754	517	444
acres	127 029	413	4 329	20 159	40 619	28 321	33 188
Partnership farms	144	–	7	38	36	25	38
acres	11 084	–	60	2 497	2 617	2 345	3 565
Corporation:							
Family held farms	159	–	6	36	55	32	30
acres	11 923	–	48	2 073	5 060	2 848	1 894
More than 10 stockholders farms	1	–	–	1	–	–	–
10 or less stockholders farms	158	–	6	35	55	32	30
Other than family held farms	25	–	3	4	13	1	4
acres	4 411	–	(D)	416	3 433	(D)	(D)
More than 10 stockholders farms	3	–	–	–	3	–	–
10 or less stockholders farms	22	–	3	4	10	1	4
Other—cooperative, estate or trust, institutional, etc. farms	31	–	1	6	6	7	11
acres	7 430	–	(D)	1 537	3 558	(D)	(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
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	58	41	1	1	7	13	7	12
number..	66	44	(D)	(D)	(D)	15	7	12
Hired workers ..... farms..	86	80	–	4	9	32	16	19
number..	126	118	–	5	18	53	18	24
Farm-related deaths:								
Operator and family members ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Hired workers ..... farms..	2	2	–	–	–	–	1	1
number..	(D)	(D)	–	–	–	–	(D)	(D)
FARMS BY SIZE								
1 to 9 acres	1 254	519	6	44	107	135	93	134
10 to 49 acres	1 865	891	5	37	161	222	182	284
50 to 69 acres	485	255	1	10	43	62	40	99
70 to 99 acres	479	247	1	9	48	68	32	89
100 to 139 acres	456	270	4	7	38	77	55	89
140 to 179 acres	270	170	–	7	26	41	34	62
180 to 219 acres	206	144	–	4	23	31	33	53
220 to 259 acres	117	92	2	2	17	23	20	28
260 to 499 acres	291	213	1	10	43	57	44	58
500 to 999 acres	121	101	–	5	17	29	26	24
1,000 to 1,999 acres	26	22	–	1	2	10	5	4
2,000 acres or more	4	3	–	–	–	2	–	1
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	82	44	–	4	7	5	8	20
Vegetable and melon farming (1112)	625	409	5	20	82	97	71	134
Fruit and tree nut farming (1113)	865	535	3	23	86	157	119	147
Greenhouse, nursery, and floriculture production (1114)	1 044	497	–	21	109	149	97	121
Other crop farming (1119)	1 076	444	4	15	58	83	77	207
Tobacco farming (11191)	47	36	1	3	9	8	5	10
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	408	3	12	49	75	72	197
Beef cattle ranching and farming (112111)	472	210	1	9	20	38	22	120
Cattle feedlots (112112)	49	19	–	1	1	6	5	6
Dairy cattle and milk production (11212)	338	304	3	11	65	84	71	70
Hog and pig farming (1122)	118	55	–	1	10	10	13	21
Poultry and egg production (1123)	115	45	–	1	10	11	4	19
Sheep and goat farming (1124)	163	51	1	2	5	18	14	11
Animal aquaculture and other animal production (1125, 1129)	627	314	3	28	72	99	63	49
LIVESTOCK								
Cattle and calves inventory ..... farms..	1 420	816	7	36	146	194	152	281
number..	61 719	52 916	306	2 036	9 877	15 411	12 098	13 188
Farms with—								
1 to 9	545	204	1	9	36	53	38	67
10 to 49	535	308	3	13	44	59	47	142
50 to 99	178	148	1	7	33	39	28	40
100 to 199	95	89	2	5	23	20	22	17
200 to 499	59	59	–	2	9	20	14	14
500 or more	8	8	–	–	1	3	3	1
Cows and heifers that had calved ..... farms..	1 173	707	5	25	131	169	137	240
number..	33 704	29 418	242	1 089	5 668	8 628	6 659	7 132
Beef cows ..... farms..	799	388	3	12	65	80	61	167
number..	6 858	3 680	8	167	600	755	476	1 674
Farms with—								
1 to 9	564	257	3	7	50	50	43	104
10 to 49	226	128	–	5	14	29	18	62
50 to 99	8	2	–	–	–	1	–	1
100 to 199	1	1	–	–	1	–	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Milk cows ..... farms..	483	396	5	18	78	103	90	102
number..	26 846	25 738	234	922	5 068	7 873	6 183	5 458
Farms with—								
1 to 4	129	79	2	6	11	20	17	23
5 to 9	20	14	–	–	–	4	2	8
10 to 49	143	119	1	4	26	27	29	32
50 to 99	103	96	2	5	26	25	19	19
100 to 199	67	67	–	3	11	19	17	17
200 to 499	19	19	–	–	4	7	6	2
500 or more	2	2	–	–	–	1	–	1
Heifers and heifer calves ..... farms..	979	623	5	32	114	144	112	216
number..	22 688	19 922	18	845	3 628	6 081	4 590	4 760
Steers, steer calves, bulls, and bull calves ..... farms..	902	510	6	24	95	119	95	171
number..	5 327	3 576	46	102	581	702	849	1 296

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..	17	–	2	2	8	2	3
number..	22	–	(D)	(D)	10	(D)	4
Hired workers ..... farms..	6	–	–	1	3	2	–
number..	8	–	–	(D)	4	(D)	–
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Hired workers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
FARMS BY SIZE							
1 to 9 acres	735	1	56	183	236	143	116
10 to 49 acres	974	7	31	201	341	217	177
50 to 69 acres	230	1	10	46	61	64	48
70 to 99 acres	232	1	7	40	77	52	55
100 to 139 acres	186	–	3	31	59	43	50
140 to 179 acres	100	1	4	18	29	21	27
180 to 219 acres	62	–	3	8	19	14	18
220 to 259 acres	25	–	–	4	9	6	6
260 to 499 acres	78	–	3	13	21	17	24
500 to 999 acres	20	–	–	1	9	5	5
1,000 to 1,999 acres	4	–	–	1	2	–	1
2,000 acres or more	1	–	–	–	1	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	38	–	–	6	10	9	13
Vegetable and melon farming (1112)	216	1	20	59	69	43	24
Fruit and tree nut farming (1113)	330	–	14	53	107	80	76
Greenhouse, nursery, and floriculture production (1114)	547	–	21	120	181	106	119
Other crop farming (1119)	632	3	18	117	193	144	157
Tobacco farming (11191)	11	1	2	–	6	–	2
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	621	2	16	117	187	144	155
Beef cattle ranching and farming (112111)	262	4	14	51	77	67	49
Cattle feedlots (112112)	30	–	3	8	7	6	6
Dairy cattle and milk production (11212)	34	–	–	12	6	7	9
Hog and pig farming (1122)	63	–	6	19	16	13	9
Poultry and egg production (1123)	70	–	2	17	27	18	6
Sheep and goat farming (1124)	112	–	2	26	42	26	16
Animal aquaculture and other animal production (1125, 1129)	313	3	17	58	129	63	43
LIVESTOCK							
Cattle and calves inventory ..... farms..	604	6	26	144	177	136	115
number..	8 803	38	197	1 965	2 176	2 303	2 124
Farms with—							
1 to 9	341	4	18	88	100	73	58
10 to 49	227	2	8	51	69	53	44
50 to 99	30	–	–	4	8	7	11
100 to 199	6	–	–	1	–	3	2
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Cows and heifers that had calved ..... farms..	466	5	20	110	138	105	88
number..	4 286	23	62	935	1 117	1 082	1 067
Beef cows ..... farms..	411	4	18	93	121	96	79
number..	3 178	(D)	(D)	603	971	789	742
Farms with—							
1 to 9	307	4	17	71	87	73	55
10 to 49	98	–	1	22	32	20	23
50 to 99	6	–	–	–	2	3	1
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	87	2	2	27	26	16	14
number..	1 108	(D)	(D)	332	146	293	325
Farms with—							
1 to 4	50	1	2	15	20	8	4
5 to 9	6	1	–	2	2	1	–
10 to 49	24	–	–	8	4	4	8
50 to 99	7	–	–	2	–	3	2
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	356	2	10	90	102	89	63
number..	2 766	(D)	(D)	644	577	848	636
Steers, steer calves, bulls, and bull calves ..... farms..	392	4	18	94	119	90	67
number..	1 751	(D)	(D)	386	482	373	421

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..	1 158	705	6	31	127	155	130	256
number..	24 849	21 432	144	668	4 285	6 026	4 436	5 873
$1,000..	6 424	5 047	16	156	1 031	1 122	884	1 837
Calves ..... farms..	674	463	5	21	88	115	89	145
number..	13 485	12 104	110	391	2 394	3 625	2 688	2 896
$1,000..	814	576	5	21	118	144	109	178
Cattle ..... farms..	970	610	4	27	111	139	112	217
number..	11 364	9 328	34	277	1 891	2 401	1 748	2 977
$1,000..	5 610	4 470	11	135	913	978	775	1 659
Fattened on grain and concentrates .... farms..	117	56	–	7	9	15	9	16
number..	1 158	933	–	(D)	76	60	376	(D)
$1,000..	834	678	–	(D)	52	40	254	(D)
Hogs and pigs inventory ..... farms..	383	182	1	9	33	42	36	61
number..	18 297	15 154	(D)	(D)	3 897	3 987	3 673	3 325
Farms with—								
1 to 24	286	115	1	8	21	25	20	40
25 to 49	35	17	–	–	3	7	3	4
50 to 99	21	16	–	–	1	2	5	8
100 to 199	17	11	–	–	3	1	3	4
200 to 499	15	14	–	1	2	6	2	3
500 or more	9	9	–	–	3	1	3	2
Used or to be used for breeding ..... farms..	177	90	–	3	21	23	13	30
number..	2 388	1 859	–	(D)	491	452	(D)	630
Other ..... farms..	351	167	1	8	27	38	33	60
number..	15 909	13 295	(D)	(D)	3 406	3 535	(D)	2 695
Hogs and pigs sold..... farms..	269	124	1	2	25	31	24	41
number..	23 636	19 072	(D)	(D)	5 688	3 694	5 198	4 065
$1,000..	2 265	1 838	(D)	(D)	553	348	550	344
Feeder pigs ..... farms..	66	36	–	1	8	8	3	16
number..	4 070	2 522	–	(D)	399	458	(D)	1 526
$1,000..	153	101	–	(D)	21	14	(D)	61
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	180	91	–	2	21	24	14	30
number..	2 795	2 221	–	(D)	847	446	(D)	616
Dec. 1 and May 31..... farms..	154	77	–	2	16	20	11	28
number..	1 457	1 148	–	(D)	411	271	(D)	326
June 1 and Nov. 30 ..... farms..	132	74	–	2	17	16	12	27
number..	1 338	1 073	–	(D)	436	175	(D)	290
Sheep and lambs of all ages inventory..... farms..	431	189	1	6	31	55	44	52
number..	8 348	4 261	(D)	(D)	1 099	1 087	941	1 052
Ewes 1 year old or older ..... farms..	364	155	1	5	27	42	34	46
number..	5 374	2 808	(D)	(D)	762	647	611	741
Sheep and lambs sold..... farms..	350	154	1	4	31	38	37	43
number..	6 756	3 395	(D)	(D)	1 141	727	628	860
Sheep and lambs shorn ..... farms..	335	135	1	4	25	34	31	40
number..	6 843	3 593	(D)	(D)	1 125	752	760	906
pounds of wool..	51 056	26 081	(D)	(D)	7 639	6 473	5 770	5 978
Horses and ponies inventory ..... farms..	1 196	562	6	34	102	192	101	127
number..	9 410	5 326	60	494	1 052	1 652	1 133	935
Horses and ponies sold..... farms..	232	132	2	13	25	45	32	15
number..	1 642	1 385	(D)	162	86	162	95	(D)
Goats inventory ..... farms..	238	107	–	8	18	38	23	20
number..	2 490	1 408	–	25	238	765	210	170
Goats sold ..... farms..	79	31	–	2	7	12	5	5
number..	850	512	–	(D)	112	320	39	(D)
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	233	1	13	45	59	47	68
number..	682 853	(D)	(D)	(D)	6 382	(D)	(D)	146 190
Farms with—								
1 to 399	481	211	1	11	40	56	44	59
400 to 3,199	17	13	–	2	5	1	2	3
3,200 to 9,999.....	5	3	–	–	–	–	–	3
10,000 to 19,999	1	1	–	–	–	1	–	–
20,000 to 49,999	3	3	–	–	–	–	1	2
50,000 to 99,999	1	1	–	–	–	–	–	1
100,000 or more	2	1	–	–	–	1	–	–
Layers 20 weeks old and older ..... farms..	497	225	1	12	44	56	45	67
number..	556 206	(D)	(D)	1 171	6 250	(D)	(D)	143 734
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	38	–	2	6	12	7	11
number..	126 647	(D)	–	(D)	132	(D)	134	2 456
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	46	–	1	9	8	8	20
number..	(D)	373 110	–	(D)	3 387	(D)	22 630	138 614
Broilers and other meat-type chickens sold .. farms..	41	21	1	3	6	4	7	–
number..	(D)	16 544	(D)	(D)	(D)	(D)	800	–
Farms with—								
1 to 1,999.....	37	18	1	3	5	2	7	–
2,000 to 59,999.....	3	3	–	–	1	2	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	22	12	–	–	3	2	3	4
number..	1 991	(D)	–	–	5	(D)	12	(D)
Turkeys sold ..... farms..	70	31	–	2	9	10	1	9
number..	93 226	89 053	–	(D)	(D)	31 503	(D)	46 218

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..	453	4	23	98	133	113	82
number..	3 417	13	174	660	830	930	810
$1,000..	1 377	5	58	222	352	440	301
Calves ..... farms..	211	2	14	43	54	57	41
number..	1 381	(D)	(D)	303	306	315	371
$1,000..	238	(D)	(D)	36	65	63	56
Cattle ..... farms..	360	3	12	81	111	90	63
number..	2 036	(D)	(D)	357	524	615	439
$1,000..	1 140	(D)	(D)	186	286	377	245
Fattened on grain and concentrates .... farms..	61	–	4	18	17	11	11
number..	225	–	16	58	44	50	57
$1,000..	156	–	9	44	28	34	41
Hogs and pigs inventory ..... farms..	201	1	15	64	58	37	26
number..	3 143	(D)	(D)	890	642	503	818
Farms with—							
1 to 24	171	1	11	57	53	31	18
25 to 49	18	–	2	3	3	5	5
50 to 99	5	–	2	2	1	–	–
100 to 199	6	–	–	2	1	1	2
200 to 499	1	–	–	–	–	–	1
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ..... farms..	87	–	7	26	26	15	13
number..	529	–	41	199	138	92	59
Other ..... farms..	184	1	15	57	52	36	23
number..	2 614	(D)	(D)	691	504	411	759
Hogs and pigs sold..... farms..	145	–	12	43	40	28	22
number..	4 564	–	324	1 901	656	567	1 116
$1,000..	427	–	47	122	74	78	106
Feeder pigs ..... farms..	30	–	4	13	7	2	4
number..	1 548	–	104	1 237	91	(D)	(D)
$1,000..	52	–	4	40	3	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	89	–	7	28	26	15	13
number..	574	–	48	227	150	77	72
Dec. 1 and May 31..... farms..	77	–	5	24	25	15	8
number..	309	–	20	135	77	54	23
June 1 and Nov. 30 ..... farms..	58	–	7	17	18	6	10
number..	265	–	28	92	73	23	49
Sheep and lambs of all ages inventory..... farms..	242	–	8	63	78	54	39
number..	4 087	–	156	1 123	1 034	865	909
Ewes 1 year old or older ..... farms..	209	–	8	58	66	46	31
number..	2 566	–	106	717	647	539	557
Sheep and lambs sold..... farms..	196	–	8	50	58	46	34
number..	3 361	–	115	728	1 229	606	683
Sheep and lambs shorn ..... farms..	200	–	8	56	57	45	34
number..	3 250	–	141	830	774	751	754
pounds of wool..	24 975	–	865	6 853	5 311	5 525	6 421
Horses and ponies inventory ..... farms..	634	4	27	129	226	149	99
number..	4 084	20	241	682	1 404	1 018	719
Horses and ponies sold..... farms..	100	2	7	20	40	20	11
number..	257	(D)	(D)	29	124	42	49
Goats inventory ..... farms..	131	–	6	37	48	31	9
number..	1 082	–	23	374	507	161	17
Goats sold ..... farms..	48	–	–	16	20	12	–
number..	338	–	–	108	179	51	–
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	277	1	9	73	90	78	26
number..	(D)	(D)	267	3 086	(D)	3 380	(D)
Farms with—							
1 to 399	270	1	9	72	86	77	25
400 to 3,199	4	–	–	1	1	1	1
3,200 to 9,999.....	2	–	–	–	2	–	–
10,000 to 19,999	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	1	–	–
Layers 20 weeks old and older ..... farms..	272	1	9	72	87	78	25
number..	(D)	(D)	267	2 857	(D)	2 917	2 611
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	38	–	–	11	11	12	4
number..	(D)	–	–	229	(D)	463	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	42	–	1	7	16	13	5
number..	(D)	–	(D)	1 927	(D)	602	101
Broilers and other meat-type chickens sold .. farms..	20	–	–	10	3	6	1
number..	(D)	–	–	1 272	(D)	368	(D)
Farms with—							
1 to 1,999.....	19	–	–	10	3	6	–
2,000 to 59,999.....	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	1
Turkey hens kept for breeding ..... farms..	10	–	1	3	1	4	1
number..	(D)	–	(D)	(D)	(D)	21	(D)
Turkeys sold ..... farms..	39	–	1	13	13	8	4
number..	4 173	–	(D)	1 675	1 393	219	(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 silage or green chop ..... farms..	403	324	1	13	63	82	72	93
acres..	22 813	21 598	(D)	(D)	3 758	6 565	4 655	5 746
tons, green..	445 811	426 654	(D)	(D)	74 739	123 394	87 673	123 568
Irrigated ..... farms..	8	3	–	–	–	2	1	–
acres..	49	(D)	–	–	–	(D)	(D)	–
Farms by acres harvested:								
1 to 24 acres	169	108	–	3	23	21	23	38
25 to 99 acres	157	139	1	7	28	36	31	36
100 to 249 acres	68	68	–	3	11	21	15	18
250 to 499 acres	6	6	–	–	–	3	3	–
500 acres or more	3	3	–	–	1	1	–	1
Potatoes, excluding sweetpotatoes ..... farms..	93	68	–	6	15	17	14	16
acres..	2 964	2 888	–	(D)	(D)	335	1 955	138
cwt..	789 847	776 697	–	(D)	(D)	82 472	548 550	29 243
Irrigated ..... farms..	40	30	–	3	6	10	3	8
acres..	400	386	–	13	(D)	40	(D)	78
Farms by acres harvested:								
0.1 to 4.9 acres	64	43	–	4	12	9	7	11
5.0 to 24.9 acres	17	14	–	2	1	5	2	4
25.0 to 99.9 acres	6	5	–	–	1	2	1	1
100.0 to 249.9 acres	2	2	–	–	–	1	1	–
250.0 acres or more	4	4	–	–	1	–	3	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	1 153	6	36	183	249	227	452
acres..	100 218	72 022	368	4 086	14 973	17 440	14 696	20 459
tons, dry..	181 885	136 213	842	5 457	28 075	32 573	29 425	39 841
Irrigated ..... farms..	31	18	–	–	5	4	2	7
acres..	490	417	–	–	48	13	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 077	449	2	8	61	85	93	200
25 to 99 acres	805	465	2	11	65	105	83	199
100 to 249 acres	237	191	2	13	44	47	41	44
250 to 499 acres	45	44	–	4	11	11	10	8
500 acres or more	4	4	–	–	2	1	–	1
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	792	5	30	131	169	156	301
acres..	57 130	39 715	340	2 193	8 027	9 465	8 144	11 546
tons, dry..	102 752	73 639	814	2 725	14 256	17 876	15 809	22 159
Irrigated ..... farms..	14	9	–	–	3	2	1	3
acres..	93	78	–	–	(D)	(D)	(D)	(D)
Vegetables harvested for sale (see text) .... farms..	935	644	6	35	131	159	121	192
acres..	16 039	14 348	109	691	3 755	4 157	2 962	2 674
Irrigated ..... farms..	403	294	3	16	74	87	42	72
acres..	5 721	5 345	23	279	1 431	1 738	928	948
Farms by acres harvested:								
0.1 to 4.9 acres	429	233	1	9	30	58	43	92
5.0 to 24.9 acres	322	243	4	18	46	47	56	72
25.0 to 99.9 acres	158	142	1	7	52	43	14	25
100.0 to 249.9 acres	23	23	–	1	2	10	7	3
250.0 acres or more	3	3	–	–	1	1	1	–
Sweet corn harvested for sale ..... farms..	500	374	3	16	81	85	72	117
acres..	6 800	6 220	(D)	(D)	1 426	1 678	1 431	1 386
Irrigated ..... farms..	206	161	3	4	40	41	28	45
acres..	2 623	2 443	(D)	(D)	654	739	454	489
Land in orchards ..... farms..	431	233	–	7	26	55	54	91
acres..	6 546	5 441	–	470	551	1 796	1 380	1 245
Irrigated ..... farms..	73	50	–	1	10	16	8	15
acres..	584	485	–	(D)	93	180	(D)	124
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	228	89	–	1	7	25	18	38
5.0 to 24.9 acres	134	84	–	3	12	15	18	36
25.0 to 99.9 acres	55	48	–	1	7	8	16	16
100.0 to 249.9 acres	13	11	–	2	–	6	2	1
250.0 acres or more	1	1	–	–	–	1	–	–
Berries harvested for sale ..... farms..	969	632	4	29	126	175	132	166
acres..	15 047	12 213	23	207	1 601	6 159	2 594	1 629
Irrigated ..... farms..	733	497	4	26	107	153	102	105
acres..	14 275	11 706	23	201	1 551	6 131	2 405	1 396

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 silage or green chop ..... farms..	79	–	1	16	23	19	20
acres..	1 215	–	(D)	(D)	293	372	310
tons, green..	19 157	–	(D)	(D)	4 584	6 038	5 176
Irrigated ..... farms..	5	–	–	3	1	–	1
acres..	(D)	–	–	13	(D)	–	(D)
Farms by acres harvested:							
1 to 24 acres	61	–	1	12	21	13	14
25 to 99 acres	18	–	–	4	2	6	6
100 to 249 acres	–	–	–	–	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	25	–	3	8	6	4	4
acres..	76	–	(D)	(D)	(D)	2	2
cwt..	13 150	–	(D)	5 295	(D)	244	240
Irrigated ..... farms..	10	–	–	5	2	1	2
acres..	14	–	–	(D)	(D)	(D)	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	21	–	3	6	4	4	4
5.0 to 24.9 acres	3	–	–	1	2	–	–
25.0 to 99.9 acres	1	–	–	1	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	1 015	5	30	177	320	234	249
acres..	28 196	179	901	5 264	8 082	6 509	7 261
tons, dry..	45 672	234	1 172	8 566	13 472	10 621	11 607
Irrigated ..... farms..	13	–	–	1	6	1	5
acres..	73	–	–	(D)	(D)	(D)	50
Farms by acres harvested:							
1 to 24 acres	628	2	18	108	208	133	159
25 to 99 acres	340	3	9	58	101	89	80
100 to 249 acres	46	–	3	11	11	12	9
250 to 499 acres	1	–	–	–	–	–	1
500 acres or more	–	–	–	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	679	3	23	124	211	151	167
acres..	17 415	105	616	3 575	5 076	3 787	4 256
tons, dry..	29 113	(D)	(D)	6 356	8 221	6 240	7 404
Irrigated ..... farms..	5	–	–	–	4	–	1
acres..	15	–	–	–	(D)	–	(D)
Vegetables harvested for sale (see text) .... farms..	291	1	22	75	108	56	29
acres..	1 692	(D)	(D)	505	686	247	141
Irrigated ..... farms..	109	–	9	29	40	16	15
acres..	376	–	15	111	146	44	60
Farms by acres harvested:							
0.1 to 4.9 acres	196	–	15	43	77	43	18
5.0 to 24.9 acres	79	1	6	27	22	12	11
25.0 to 99.9 acres	16	–	1	5	9	1	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	126	–	7	35	41	25	18
acres..	580	–	16	200	228	74	62
Irrigated ..... farms..	45	–	2	14	12	11	6
acres..	181	–	(D)	69	67	(D)	27
Land in orchards ..... farms..	198	–	2	47	63	49	37
acres..	1 106	–	(D)	(D)	230	383	283
Irrigated ..... farms..	23	–	–	7	8	6	2
acres..	99	–	–	(D)	28	32	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	139	–	1	31	55	25	27
5.0 to 24.9 acres	50	–	1	15	5	21	8
25.0 to 99.9 acres	7	–	–	1	3	2	1
100.0 to 249.9 acres	2	–	–	–	–	1	1
250.0 acres or more	–	–	–	–	–	–	–
Berries harvested for sale ..... farms..	337	–	19	57	111	84	66
acres..	2 834	–	37	282	1 533	440	542
Irrigated ..... farms..	236	–	17	34	84	58	43
acres..	2 569	–	35	235	1 403	401	495

[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..	5 574	1 254	1 865	485	479	456
percent..	100.0	22.5	33.5	8.7	8.6	8.2
Land in farms ..... acres..	518 299	5 418	46 154	27 988	39 469	53 014
Average size of farm ..... acres..	93	4	25	58	82	116
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	5 574	1 254	1 865	485	479	456
$1,000..	454 404	51 119	72 971	29 686	28 319	43 122
Average per farm ..... dollars..	81 522	40 765	39 126	61 208	59 120	94 566
Farms by value of sales:						
Less than $1,000 (see text)	895	246	365	76	93	57
$1,000 to $2,499	721	181	291	76	59	37
$2,500 to $4,999	664	159	237	60	61	51
$5,000 to $9,999	707	161	233	63	75	73
$10,000 to $19,999	600	166	188	41	35	73
$20,000 to $24,999	153	43	51	15	9	11
$25,000 to $39,999	358	73	134	28	20	33
$40,000 to $49,999	149	37	52	13	12	10
$50,000 to $99,999	468	91	153	46	39	29
$100,000 to $249,999	484	58	115	45	47	52
$250,000 to $499,999	203	21	24	14	21	21
$500,000 to $999,999	98	11	12	5	3	5
$1,000,000 to $2,499,999	53	5	8	1	5	2
$2,500,000 to $4,999,999	16	2	2	2	–	1
$5,000,000 or more	5	–	–	–	–	1
Grains ..... farms..	81	6	17	7	11	3
$1,000..	1 310	7	35	(D)	78	(D)
Sales of $50,000 or more ..... farms..	8	–	–	–	–	–
$1,000..	847	–	–	–	–	–
Corn for grain ..... farms..	58	2	7	5	10	2
$1,000..	1 180	(D)	25	(D)	(D)	(D)
Wheat ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Soybeans ..... farms..	5	–	–	–	1	–
$1,000..	(D)	–	–	–	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Oats ..... farms..	2	–	–	–	–	1
$1,000..	(D)	–	–	–	–	(D)
Other grains ..... farms..	23	4	10	2	1	–
$1,000..	76	(D)	10	(D)	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Tobacco ..... farms..	68	8	19	3	9	8
$1,000..	23 807	379	2 217	(D)	1 847	4 120
Sales of $50,000 or more ..... farms..	50	5	13	3	6	5
$1,000..	23 397	325	2 030	(D)	1 773	4 085
Hay, silage, and field seeds ..... farms..	1 435	28	354	180	177	226
$1,000..	11 056	31	887	668	735	1 512
Sales of $50,000 or more ..... farms..	34	–	–	–	–	–
$1,000..	2 949	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	931	190	322	98	79	83
$1,000..	37 438	2 018	8 346	4 117	3 212	4 263
Sales of $50,000 or more ..... farms..	198	6	52	29	25	22
$1,000..	28 238	514	4 610	3 060	2 421	3 475
Fruits, nuts, and berries ..... farms..	1 142	213	443	106	101	81
$1,000..	148 247	2 867	18 567	9 513	10 621	(D)
Sales of $50,000 or more ..... farms..	407	12	130	51	48	37
$1,000..	140 561	960	14 940	9 091	10 130	7 835
Nursery and greenhouse crops ..... farms..	1 375	542	476	81	87	62
$1,000..	128 192	41 434	31 978	8 432	6 262	16 488
Sales of $50,000 or more ..... farms..	311	150	81	17	15	15
$1,000..	116 922	36 864	27 967	7 838	5 639	16 003
Other crops ..... farms..	300	37	94	19	32	28
$1,000..	7 326	71	455	236	292	201
Sales of $50,000 or more ..... farms..	13	–	1	2	1	–
$1,000..	5 886	–	(D)	(D)	(D)	–
Poultry and poultry products ..... farms..	375	84	140	42	34	27
$1,000..	15 900	309	4 363	614	(D)	(D)
Sales of $50,000 or more ..... farms..	24	1	9	4	2	2
$1,000..	14 853	(D)	3 975	558	(D)	(D)
Dairy products ..... farms..	353	5	22	18	24	39
$1,000..	59 773	87	1 791	(D)	3 036	4 330
Sales of $50,000 or more ..... farms..	275	–	8	8	17	31
$1,000..	57 788	–	1 450	959	2 732	4 127
Cattle and calves ..... farms..	1 158	57	209	117	127	155
$1,000..	6 424	115	528	543	369	608
Sales of $50,000 or more ..... farms..	11	–	1	1	–	–
$1,000..	1 526	–	(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
FARMS AND LAND IN FARMS							
Farms ..... number..	270	206	117	291	121	26	4
percent..	4.8	3.7	2.1	5.2	2.2	.5	.1
Land in farms ..... acres..	42 161	40 700	27 628	101 847	79 768	(D)	(D)
Average size of farm ..... acres..	156	198	236	350	659	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	270	206	117	291	121	26	4
$1,000..	24 650	24 621	23 588	70 000	38 122	32 306	15 901
Average per farm ..... dollars..	91 295	119 522	201 605	240 551	315 059	1 242 527	3 975 154
Farms by value of sales:							
Less than $1,000 (see text)	19	12	9	10	7	1	–
$1,000 to $2,499	31	19	9	17	1	–	–
$2,500 to $4,999	42	26	5	15	7	1	–
$5,000 to $9,999	39	21	8	26	6	2	–
$10,000 to $19,999	28	21	13	25	9	1	–
$20,000 to $24,999	11	6	1	6	–	–	–
$25,000 to $39,999	19	12	4	26	8	1	–
$40,000 to $49,999	7	5	6	3	4	–	–
$50,000 to $99,999	24	22	20	32	10	2	–
$100,000 to $249,999	28	34	20	59	22	3	1
$250,000 to $499,999	10	16	6	39	28	3	–
$500,000 to $999,999	10	8	11	22	9	2	–
$1,000,000 to $2,499,999	–	4	4	8	9	5	2
$2,500,000 to $4,999,999	2	–	1	2	–	4	–
$5,000,000 or more	–	–	–	1	1	1	1
Grains ..... farms..	11	4	5	5	8	4	–
$1,000..	88	38	45	27	607	335	–
Sales of $50,000 or more ..... farms..	–	–	–	–	5	3	–
$1,000..	–	–	–	–	(D)	(D)	–
Corn for grain ..... farms..	10	2	4	5	8	3	–
$1,000..	61	(D)	(D)	27	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	3	–	–	–	–	1	–
$1,000..	(D)	–	–	–	–	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	–	–	–	–	1	–	–
$1,000..	–	–	–	–	(D)	–	–
Other grains ..... farms..	1	2	1	–	1	1	–
$1,000..	(D)	(D)	(D)	–	(D)	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	6	4	4	5	2	–	–
$1,000..	7 778	1 815	3 576	1 115	(D)	–	–
Sales of $50,000 or more ..... farms..	6	3	4	3	2	–	–
$1,000..	7 778	(D)	3 576	(D)	(D)	–	–
Hay, silage, and field seeds ..... farms..	125	116	42	127	53	6	1
$1,000..	1 088	1 135	(D)	2 212	1 393	727	(D)
Sales of $50,000 or more ..... farms..	2	3	4	11	10	4	–
$1,000..	(D)	173	265	894	784	(D)	–
Vegetables, sweet corn, and melons ..... farms..	41	40	19	41	16	1	1
$1,000..	2 428	3 799	(D)	4 394	2 563	(D)	(D)
Sales of $50,000 or more ..... farms..	12	14	10	21	7	–	–
$1,000..	1 929	3 532	2 158	4 101	2 438	–	–
Fruits, nuts, and berries ..... farms..	44	38	32	56	17	8	3
$1,000..	7 599	9 301	11 515	23 645	8 975	23 150	(D)
Sales of $50,000 or more ..... farms..	22	28	21	39	10	7	2
$1,000..	7 330	9 190	11 383	23 426	8 899	(D)	(D)
Nursery and greenhouse crops ..... farms..	41	29	13	29	13	1	1
$1,000..	1 066	3 546	661	12 041	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	7	10	3	8	5	–	–
$1,000..	723	3 185	(D)	11 890	(D)	–	–
Other crops ..... farms..	28	10	9	27	13	3	–
$1,000..	386	60	(D)	2 226	857	(D)	–
Sales of $50,000 or more ..... farms..	2	–	–	5	1	1	–
$1,000..	(D)	–	–	2 115	(D)	(D)	–
Poultry and poultry products ..... farms..	13	14	4	13	4	–	–
$1,000..	464	(D)	(D)	(D)	2	–	–
Sales of $50,000 or more ..... farms..	1	3	–	2	–	–	–
$1,000..	(D)	(D)	–	(D)	–	–	–
Dairy products ..... farms..	25	26	27	104	51	10	2
$1,000..	2 248	3 101	3 803	17 738	15 519	5 303	(D)
Sales of $50,000 or more ..... farms..	20	19	25	86	49	10	2
$1,000..	2 112	2 848	(D)	17 413	(D)	5 303	(D)
Cattle and calves ..... farms..	111	81	45	160	80	14	2
$1,000..	552	473	813	1 173	968	(D)	(D)
Sales of $50,000 or more ..... farms..	1	2	1	1	2	2	–
$1,000..	(D)	(D)	(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	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..	269	46	86	36	22	22
$1,000..	2 265	189	472	419	145	268
Sales of $50,000 or more ..... farms..	7	–	1	1	–	2
$1,000..	905	–	(D)	(D)	–	(D)
Sheep, lambs, and wool ..... farms..	396	55	168	38	35	29
$1,000..	475	55	158	28	(D)	40
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	166	203	41	51	27
$1,000..	12 190	3 557	3 174	(D)	300	416
Sales of $50,000 or more ..... farms..	26	10	9	1	1	2
$1,000..	9 298	2 756	2 029	(D)	(D)	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	1 226	244	438	117	103	106
$1,000..	19 825	770	3 192	1 819	2 467	2 311
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	5 565	1 361	1 923	446	506	435
$1,000..	311 068	32 656	53 941	18 427	18 939	27 289
Average per farm ..... dollars..	55 897	23 994	28 050	41 316	37 429	62 733
Livestock and poultry purchased ..... farms..	1 075	138	353	100	88	121
$1,000..	7 408	498	1 535	527	(D)	718
Farms with expenses of—						
$1 to $4,999	831	111	319	86	75	87
$5,000 to $24,999	180	26	24	5	12	28
$25,000 to $99,999	52	–	8	9	1	6
$100,000 to $249,999	8	1	1	–	–	–
$250,000 or more	4	–	1	–	–	–
Feed for livestock and poultry ..... farms..	2 161	285	669	217	244	198
$1,000..	31 880	1 169	4 550	991	(D)	3 324
Farms with expenses of—						
$1 to $4,999	1 590	245	566	196	192	135
$5,000 to $24,999	241	30	76	8	21	30
$25,000 to $99,999	259	10	20	12	28	31
$100,000 to $249,999	58	–	4	1	3	–
$250,000 or more	13	–	3	–	–	2
Commercially mixed formula feeds ..... farms..	1 492	197	390	118	159	167
$1,000..	23 392	782	2 405	(D)	1 433	2 441
Farms with expenses of—						
$1 to $4,999	1 016	170	314	108	120	123
$5,000 to $24,999	238	18	55	4	19	23
$25,000 to $99,999	192	9	17	6	19	19
$100,000 or more	46	–	4	–	1	2
Seeds, bulbs, plants, and trees ..... farms..	2 422	609	782	178	206	145
$1,000..	15 829	2 499	4 363	1 962	(D)	2 129
Farms with expenses of—						
$1 to $999	1 441	371	514	109	138	89
$1,000 to $4,999	603	154	173	34	36	39
$5,000 to $24,999	282	68	69	24	28	11
$25,000 to $49,999	47	8	11	5	2	3
$50,000 or more	49	8	15	6	2	3
Commercial fertilizer ..... farms..	3 478	850	1 077	304	330	248
$1,000..	10 273	548	1 166	509	780	884
Farms with expenses of—						
$1 to $4,999	3 061	835	1 036	287	290	210
$5,000 to $24,999	343	14	38	16	37	34
$25,000 to $49,999	49	1	3	–	1	2
$50,000 or more	25	–	–	1	2	2
Agricultural chemicals ..... farms..	2 425	631	807	164	176	145
$1,000..	8 299	335	941	437	(D)	592
Farms with expenses of—						
$1 to $4,999	2 123	629	777	131	147	114
$5,000 to $24,999	242	2	30	32	29	26
$25,000 to $49,999	37	–	–	1	–	4
$50,000 or more	23	–	–	–	–	1
Petroleum products ..... farms..	5 245	1 246	1 775	440	502	407
$1,000..	14 893	2 758	2 893	988	1 055	1 127
Farms with expenses of—						
$1 to $4,999	4 665	1 160	1 693	405	451	364
$5,000 to $24,999	498	67	70	30	49	39
$25,000 to $49,999	45	9	8	2	1	1
$50,000 or more	37	10	4	3	1	3
Gasoline and gasohol ..... farms..	4 313	964	1 489	327	429	312
$1,000..	4 901	542	1 079	336	388	346
Diesel fuel ..... farms..	3 107	412	1 010	330	340	290
$1,000..	3 264	208	476	229	263	307
Natural gas ..... farms..	246	80	86	14	16	18
$1,000..	1 096	458	253	99	85	102
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	752	1 198	294	336	298
$1,000..	5 631	1 551	1 086	324	319	372

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..	11	17	6	11	11	1	–
$1,000..	59	136	(D)	73	416	(D)	–
Sales of $50,000 or more ..... farms..	–	1	1	–	1	–	–
$1,000..	–	(D)	(D)	–	(D)	–	–
Sheep, lambs, and wool ..... farms..	15	15	6	24	10	1	–
$1,000..	22	(D)	(D)	(D)	64	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	22	14	3	23	7	–	–
$1,000..	871	260	(D)	120	12	–	–
Sales of $50,000 or more ..... farms..	2	1	–	–	–	–	–
$1,000..	(D)	(D)	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	56	51	33	51	25	1	1
$1,000..	2 202	1 862	(D)	2 738	1 740	(D)	(D)
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	198	225	93	218	130	26	4
$1,000..	17 410	18 331	16 688	47 703	27 110	23 604	8 970
Average per farm ..... dollars..	87 931	81 472	179 438	218 821	208 540	907 854	2 242 510
Livestock and poultry purchased ..... farms..	55	71	36	55	49	8	1
$1,000..	289	299	377	1 412	1 162	243	(D)
Farms with expenses of—							
$1 to $4,999	32	44	24	26	24	3	–
$5,000 to $24,999	21	25	9	20	9	1	–
$25,000 to $99,999	2	2	1	6	14	3	–
$100,000 to $249,999	–	–	2	1	1	1	1
$250,000 or more	–	–	–	2	1	–	–
Feed for livestock and poultry ..... farms..	113	145	54	128	93	13	2
$1,000..	1 979	2 213	1 416	7 782	4 812	1 494	(D)
Farms with expenses of—							
$1 to $4,999	51	105	24	45	28	3	–
$5,000 to $24,999	25	7	8	13	22	1	–
$25,000 to $99,999	34	31	19	45	23	4	2
$100,000 to $249,999	3	1	3	21	19	3	–
$250,000 or more	–	1	–	4	1	2	–
Commercially mixed formula feeds ..... farms..	91	108	46	122	80	12	2
$1,000..	1 203	1 812	1 106	6 123	4 227	1 308	(D)
Farms with expenses of—							
$1 to $4,999	31	72	17	44	15	2	–
$5,000 to $24,999	45	13	15	21	24	1	–
$25,000 to $99,999	14	22	13	42	25	4	2
$100,000 or more	1	1	1	15	16	5	–
Seeds, bulbs, plants, and trees ..... farms..	93	117	39	131	103	17	2
$1,000..	380	424	296	1 899	668	417	(D)
Farms with expenses of—							
$1 to $999	40	60	21	51	43	5	–
$1,000 to $4,999	39	43	8	39	33	4	1
$5,000 to $24,999	10	10	8	27	21	5	1
$25,000 to $49,999	3	2	–	9	3	1	–
$50,000 or more	1	2	2	5	3	2	–
Commercial fertilizer ..... farms..	135	146	74	180	110	20	4
$1,000..	653	701	653	1 769	1 330	838	443
Farms with expenses of—							
$1 to $4,999	114	108	39	94	45	3	–
$5,000 to $24,999	16	36	31	66	50	4	1
$25,000 to $49,999	3	1	2	15	11	8	2
$50,000 or more	2	1	2	5	4	5	1
Agricultural chemicals ..... farms..	70	106	59	147	99	17	4
$1,000..	451	643	515	1 369	871	849	(D)
Farms with expenses of—							
$1 to $4,999	48	81	37	90	64	4	1
$5,000 to $24,999	20	14	16	42	26	5	–
$25,000 to $49,999	–	11	4	9	5	2	1
$50,000 or more	2	–	2	6	4	6	2
Petroleum products ..... farms..	196	223	90	214	122	26	4
$1,000..	871	884	659	1 547	1 035	672	404
Farms with expenses of—							
$1 to $4,999	152	182	52	132	65	9	–
$5,000 to $24,999	40	36	33	72	50	11	1
$25,000 to $49,999	2	2	4	7	5	2	2
$50,000 or more	2	3	1	3	2	4	1
Gasoline and gasohol ..... farms..	187	210	75	184	108	24	4
$1,000..	312	352	249	596	337	231	134
Diesel fuel ..... farms..	153	182	70	191	102	23	4
$1,000..	178	203	160	539	408	254	40
Natural gas ..... farms..	5	–	3	20	3	–	1
$1,000..	24	–	6	49	(D)	–	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	173	174	72	185	110	23	4
$1,000..	358	328	243	363	(D)	188	(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
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	3 690	813	1 216	288	338	274
$1,000..	7 715	1 315	1 476	348	535	644
Farms with expenses of—						
$1 to $999	2 299	609	842	205	196	168
$1,000 to $4,999	1 029	162	313	70	118	79
$5,000 to $24,999	332	37	57	12	22	25
$25,000 to $49,999	18	2	2	1	2	–
$50,000 or more	12	3	2	–	–	2
Hired farm labor ..... farms..	2 188	458	688	165	149	161
$1,000..	81 630	9 701	12 512	5 519	4 189	6 562
Farms with expenses of—						
$1 to $4,999	1 096	263	401	89	62	85
$5,000 to $24,999	553	124	189	38	52	33
$25,000 to $99,999	371	53	77	30	26	31
$100,000 to $249,999	109	11	10	5	6	7
$250,000 or more	59	7	11	3	3	5
Workers by days worked:						
150 days or more ..... farms..	988	172	260	62	83	61
workers..	4 635	607	845	234	244	436
Less than 150 days ..... farms..	1 933	411	610	155	121	150
workers..	9 295	1 479	2 628	808	603	715
Contract labor ..... farms..	690	149	222	58	71	44
$1,000..	7 276	1 001	1 713	458	(D)	363
Farms with expenses of—						
$1 to $999	221	59	62	12	29	29
$1,000 to $4,999	233	43	94	33	13	6
$5,000 to $24,999	160	39	57	9	18	4
$25,000 to $49,999	43	5	5	2	5	3
$50,000 or more	33	3	4	2	6	2
Repair and maintenance ..... farms..	4 716	1 067	1 617	391	446	340
$1,000..	22 779	2 056	4 158	1 411	(D)	1 531
Farms with expenses of—						
$1 to $4,999	3 879	985	1 433	329	377	281
$5,000 to $24,999	697	74	163	57	63	53
$25,000 to $49,999	98	6	16	4	4	3
$50,000 or more	42	2	5	1	2	3
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	255	361	56	59	72
$1,000..	7 089	474	1 286	181	(D)	317
Farms with expenses of—						
$1 to $999	530	180	186	26	20	34
$1,000 to $4,999	286	50	98	18	22	24
$5,000 to $24,999	186	23	64	12	13	12
$25,000 to $49,999	33	2	11	–	3	–
$50,000 or more	26	–	2	–	1	2
Interest ..... farms..	1 580	310	411	119	194	113
$1,000..	15 766	2 079	2 881	747	(D)	1 264
Farms with expenses of—						
$1 to $4,999	900	203	242	86	132	35
$5,000 to $24,999	562	96	147	27	56	71
$25,000 to $99,999	95	11	21	5	6	5
$100,000 or more	23	–	1	1	–	2
Secured by real estate ..... farms..	1 193	205	350	80	152	84
$1,000..	13 039	1 784	2 516	549	(D)	1 022
Farms with expenses of—						
$1 to $999	108	20	26	1	40	2
$1,000 to $4,999	520	91	179	54	64	11
$5,000 to $24,999	468	87	124	21	43	65
$25,000 to $49,999	52	6	17	2	2	1
$50,000 or more	45	1	4	2	3	5
Not secured by real estate ..... farms..	628	136	122	46	65	55
$1,000..	2 727	295	365	199	(D)	241
Farms with expenses of—						
$1 to $999	203	56	35	20	25	18
$1,000 to $4,999	295	72	63	19	24	27
$5,000 to $24,999	112	6	23	5	15	9
$25,000 to $49,999	12	2	1	2	1	–
$50,000 or more	6	–	–	–	–	1
Cash rent ..... farms..	900	141	223	72	68	65
$1,000..	6 393	188	435	450	625	405
Farms with expenses of—						
$1 to $4,999	709	135	200	55	54	47
$5,000 to $9,999	77	2	15	10	8	11
$10,000 to $24,999	68	3	5	4	1	4
$25,000 or more	46	1	3	3	5	3
Property taxes ..... farms..	5 138	1 168	1 803	420	497	389
$1,000..	19 915	2 537	5 079	1 395	1 765	1 646
Farms with expenses of—						
$1 to $4,999	4 217	1 097	1 544	360	411	278
$5,000 to $9,999	601	55	211	33	48	87
$10,000 to $24,999	253	13	46	24	37	20
$25,000 or more	67	3	2	3	1	4
All other farm production expenses ..... farms..	5 081	1 157	1 775	414	481	390
$1,000..	53 923	5 498	8 953	2 504	2 890	5 783
Farms with expenses of—						
$1 to $4,999	3 876	958	1 476	305	386	310
$5,000 to $24,999	849	158	239	86	74	50
$25,000 to $49,999	157	23	37	12	9	18
$50,000 to $99,999	97	8	10	10	6	6
$100,000 or more	102	10	13	1	6	6

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..	168	184	82	178	120	25	4
$1,000..	315	516	313	1 112	732	311	98
Farms with expenses of—							
$1 to $999	82	106	21	42	23	5	–
$1,000 to $4,999	71	46	44	70	49	6	1
$5,000 to $24,999	14	29	16	63	47	9	1
$25,000 to $49,999	1	3	1	1	–	3	2
$50,000 or more	–	–	–	2	1	2	–
Hired farm labor ..... farms..	89	139	48	157	109	21	4
$1,000..	5 010	5 135	5 926	11 621	7 001	7 300	1 153
Farms with expenses of—							
$1 to $4,999	40	72	11	31	40	2	–
$5,000 to $24,999	21	23	9	42	19	3	–
$25,000 to $99,999	19	29	11	54	34	5	2
$100,000 to $249,999	6	13	11	25	12	3	–
$250,000 or more	3	2	6	5	4	8	2
Workers by days worked:							
150 days or more ..... farms..	46	56	41	111	73	19	4
workers..	(D)	322	225	684	433	268	(D)
Less than 150 days ..... farms..	81	131	39	124	93	16	2
workers..	445	496	428	882	472	(D)	(D)
Contract labor ..... farms..	21	40	11	44	21	8	1
$1,000..	110	490	286	1 220	279	466	(D)
Farms with expenses of—							
$1 to $999	4	19	1	2	3	1	–
$1,000 to $4,999	11	2	2	18	8	3	–
$5,000 to $24,999	4	11	2	10	5	1	–
$25,000 to $49,999	2	5	5	5	4	1	1
$50,000 or more	–	3	1	9	1	2	–
Repair and maintenance ..... farms..	188	221	90	198	130	24	4
$1,000..	1 292	1 166	1 215	3 103	1 582	1 432	(D)
Farms with expenses of—							
$1 to $4,999	112	168	42	94	50	8	–
$5,000 to $24,999	68	43	36	75	60	4	1
$25,000 to $49,999	7	10	5	21	16	5	1
$50,000 or more	1	–	7	8	4	7	2
Customwork, machine hire, and rental of machinery and equipment..... farms..	40	72	24	63	46	10	3
$1,000..	419	287	643	1 270	628	751	(D)
Farms with expenses of—							
$1 to $999	13	47	1	9	14	–	–
$1,000 to $4,999	15	12	9	16	20	2	–
$5,000 to $24,999	8	10	8	26	7	2	1
$25,000 to $49,999	2	3	2	7	3	–	–
$50,000 or more	2	–	4	5	2	6	2
Interest ..... farms..	77	80	64	127	68	15	2
$1,000..	1 133	740	932	2 410	1 362	941	(D)
Farms with expenses of—							
$1 to $4,999	48	49	29	52	19	5	–
$5,000 to $24,999	19	25	30	51	37	3	–
$25,000 to $99,999	7	6	4	17	9	3	1
$100,000 or more	3	–	1	7	3	4	1
Secured by real estate ..... farms..	54	53	53	94	53	13	2
$1,000..	802	480	878	2 105	1 052	798	(D)
Farms with expenses of—							
$1 to $999	1	2	4	9	2	1	–
$1,000 to $4,999	33	29	18	27	11	3	–
$5,000 to $24,999	13	18	26	35	34	2	–
$25,000 to $49,999	3	3	1	13	1	2	1
$50,000 or more	4	1	4	10	5	5	1
Not secured by real estate ..... farms..	31	50	24	59	32	7	1
$1,000..	331	259	54	305	310	143	(D)
Farms with expenses of—							
$1 to $999	2	5	16	16	9	1	–
$1,000 to $4,999	20	32	4	21	11	1	1
$5,000 to $24,999	6	11	4	21	9	3	–
$25,000 to $49,999	1	2	–	1	1	1	–
$50,000 or more	2	–	–	–	2	1	–
Cash rent ..... farms..	53	63	33	100	71	11	–
$1,000..	509	348	608	1 906	688	231	–
Farms with expenses of—							
$1 to $4,999	44	44	20	59	47	4	–
$5,000 to $9,999	3	3	7	11	6	1	–
$10,000 to $24,999	2	14	2	18	12	3	–
$25,000 or more	4	2	4	12	6	3	–
Property taxes ..... farms..	194	207	91	213	127	25	4
$1,000..	829	909	634	1 831	1 250	1 164	875
Farms with expenses of—							
$1 to $4,999	144	153	55	114	57	4	–
$5,000 to $9,999	30	32	20	43	37	5	–
$10,000 to $24,999	17	17	12	44	16	6	1
$25,000 or more	3	5	4	12	17	10	3
All other farm production expenses..... farms..	187	212	90	215	130	26	4
$1,000..	3 170	3 576	2 214	7 454	3 710	6 494	1 676
Farms with expenses of—							
$1 to $4,999	119	141	48	84	43	6	–
$5,000 to $24,999	51	50	22	67	46	5	1
$25,000 to $49,999	6	3	5	25	16	3	–
$50,000 to $99,999	4	8	8	20	15	2	–
$100,000 or more	7	10	7	19	10	10	3

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..	5 571	1 361	1 923	446	506	435
$1,000..	135 155	23 282	19 732	8 176	9 644	11 573
Average per farm ..... dollars..	24 260	17 106	10 261	18 332	19 059	26 605
Farms with net gains[2] ..... number..	2 861	814	898	209	266	201
Average net gain ..... dollars..	55 554	32 242	30 043	47 922	43 450	67 698
Gain of—						
Less than $1,000	265	98	103	3	31	17
$1,000 to $9,999	1 089	376	340	74	100	94
$10,000 to $49,999	932	212	326	102	83	53
$50,000 or more	575	128	129	30	52	37
Farms with net losses ..... number..	2 710	547	1 025	237	240	234
Average net loss ..... dollars..	8 777	5 418	7 069	7 762	7 975	8 693
Loss of—						
Less than $1,000	404	148	147	40	39	9
$1,000 to $9,999	1 734	319	667	173	156	162
$10,000 to $49,999	532	76	208	17	42	62
$50,000 or more	40	4	3	7	3	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	401	20	70	25	33	40
$1,000..	1 209	56	126	15	89	87
Other farm-related income[1] ..... farms..	1 340	186	376	116	118	139
$1,000..	7 773	928	2 589	635	702	514
Customwork and other agricultural services ..... farms..	416	98	144	42	31	34
$1,000..	3 484	597	1 830	144	516	107
Gross cash rent or share payments ..... farms..	254	28	89	37	17	19
$1,000..	598	74	205	43	17	35
Forest products, excluding Christmas trees and maple products ..... farms..	487	11	133	27	61	59
$1,000..	1 997	7	276	418	125	181
Other farm-related income sources ..... farms..	452	67	81	15	22	57
$1,000..	1 695	250	278	30	44	191
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	7	–	–	–	1	–
$1,000..	137	–	–	–	(D)	–
Corn ..... farms..	7	–	–	–	1	–
$1,000..	137	–	–	–	(D)	–
Wheat ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
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..	4 990	1 001	1 639	448	449	436
acres..	223 573	2 827	22 386	12 885	17 452	22 860
Harvested cropland ..... farms..	4 587	905	1 441	419	413	419
acres..	168 765	(D)	15 206	9 457	12 370	17 589
Farms by acres harvested:						
1 to 49 acres	3 675	905	1 441	373	324	282
50 to 99 acres	469	–	–	46	89	97
100 to 199 acres	279	–	–	–	–	40
200 to 499 acres	146	–	–	–	–	–
500 to 999 acres	14	–	–	–	–	–
1,000 to 1,999 acres	4	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	1 621	119	498	165	186	188
acres..	39 471	(D)	4 786	2 372	3 656	3 763
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	32	99	21	36	24
acres..	3 961	(D)	572	134	280	369
On which all crops failed ..... farms..	165	12	50	13	20	26
acres..	1 201	14	177	36	138	277
In cultivated summer fallow ..... farms..	70	3	25	12	11	8
acres..	409	4	99	72	52	54
Idle ..... farms..	661	81	233	60	72	59
acres..	9 766	(D)	1 546	814	956	808
Total woodland ..... farms..	3 011	164	937	339	362	362
acres..	197 075	475	12 412	9 409	15 515	21 102
Woodland pastured ..... farms..	734	42	184	76	85	93
acres..	20 194	99	1 334	1 170	1 608	2 375
Woodland not pastured ..... farms..	2 726	134	841	302	332	328
acres..	176 881	376	11 078	8 239	13 907	18 727

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
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	198	225	99	218	130	26	4
$1,000..	5 705	6 030	5 690	18 534	11 156	8 702	6 931
Average per farm ..... dollars..	28 815	26 801	57 472	85 018	85 818	334 674	1 732 645
Farms with net gains[2] ..... number..	94	92	61	142	64	17	3
Average net gain ..... dollars..	69 170	84 863	(D)	149 929	198 432	537 077	(D)
Gain of—							
Less than $1,000	–	–	12	1	–	–	–
$1,000 to $9,999	33	36	12	20	3	1	–
$10,000 to $49,999	38	18	14	68	15	3	–
$50,000 or more	23	38	23	53	46	13	3
Farms with net losses ..... number..	104	133	38	76	66	9	1
Average net loss ..... dollars..	7 660	13 362	(D)	36 262	23 383	47 644	(D)
Loss of—							
Less than $1,000	2	9	–	2	8	–	–
$1,000 to $9,999	77	92	17	43	24	4	–
$10,000 to $49,999	24	27	20	25	27	3	1
$50,000 or more	1	5	1	6	7	2	–
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	31	36	29	71	42	4	–
$1,000..	85	56	118	226	302	49	–
Other farm-related income[1] ..... farms..	84	102	40	113	59	7	–
$1,000..	313	424	204	851	496	117	–
Customwork and other agricultural services ..... farms..	13	15	3	15	19	2	–
$1,000..	125	9	46	16	(D)	(D)	–
Gross cash rent or share payments ..... farms..	11	38	3	8	2	2	–
$1,000..	6	132	4	52	(D)	(D)	–
Forest products, excluding Christmas trees and maple products ..... farms..	58	52	10	56	16	4	–
$1,000..	100	213	49	335	246	48	–
Other farm-related income sources ..... farms..	20	51	32	66	38	3	–
$1,000..	81	71	105	448	(D)	(D)	–
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	1	–	–	1	2	2	–
$1,000..	(D)	–	–	(D)	(D)	(D)	–
Corn ..... farms..	1	–	–	1	2	2	–
$1,000..	(D)	–	–	(D)	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
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..	262	203	116	289	119	24	4
acres..	17 446	17 712	12 325	46 703	34 226	12 754	3 997
Harvested cropland ..... farms..	253	198	112	283	116	24	4
acres..	13 334	13 681	9 885	35 449	26 630	9 522	(D)
Farms by acres harvested:							
1 to 49 acres	139	87	36	67	18	3	–
50 to 99 acres	66	56	32	68	15	–	–
100 to 199 acres	48	49	31	82	23	6	–
200 to 499 acres	–	6	13	66	50	9	2
500 to 999 acres	–	–	–	–	10	4	–
1,000 to 1,999 acres	–	–	–	–	–	2	2
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	96	80	53	159	64	11	2
acres..	2 680	2 620	1 652	8 385	6 542	2 199	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	24	17	8	18	15	1	1
acres..	619	402	195	726	555	(D)	(D)
On which all crops failed ..... farms..	11	9	7	13	3	1	–
acres..	130	81	(D)	(D)	(D)	(D)	–
In cultivated summer fallow ..... farms..	4	4	1	1	1	–	–
acres..	23	45	(D)	(D)	(D)	–	–
Idle ..... farms..	37	40	19	40	10	8	2
acres..	660	883	491	1 951	425	(D)	(D)
Total woodland ..... farms..	220	173	90	236	104	21	3
acres..	18 020	17 623	10 428	37 885	31 023	11 218	11 965
Woodland pastured ..... farms..	67	46	18	80	39	3	1
acres..	2 246	1 864	922	3 832	3 414	(D)	(D)
Woodland not pastured ..... farms..	195	162	86	220	102	21	3
acres..	15 774	15 759	9 506	34 053	27 609	(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
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	885	107	288	71	73	96
acres..	24 183	394	2 756	1 296	1 244	2 816
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	676	1 272	347	338	308
acres..	73 468	1 722	8 600	4 398	5 258	6 236
Irrigated land ..... farms..	1 630	547	552	111	112	89
acres..	24 564	1 069	3 928	1 693	2 003	2 066
Harvested cropland irrigated ..... farms..	1 614	541	546	111	109	89
acres..	24 269	1 053	3 852	1 693	1 970	(D)
Pasture and other land irrigated ..... farms..	45	11	21	–	5	2
acres..	295	16	76	–	33	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	4	19	11	11	8
acres..	2 690	15	290	199	529	211
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	5 571	1 361	1 923	446	506	435
$1,000..	2 534 884	223 201	610 934	184 859	234 088	212 055
Average per farm ..... dollars..	455 014	163 998	317 698	414 482	462 625	487 482
Average per acre ..... dollars..	5 207	36 620	12 931	7 213	5 574	4 179
Farms by value group:						
$1 to $39,999	411	313	94	2	–	1
$40,000 to $69,999	300	141	134	12	4	1
$70,000 to $99,999	175	90	58	24	2	–
$100,000 to $149,999	464	136	212	65	17	26
$150,000 to $199,999	741	224	347	38	57	58
$200,000 to $499,999	2 029	396	682	203	232	217
$500,000 to $999,999	909	59	315	56	151	96
$1,000,000 to $1,999,999	374	1	63	37	39	18
$2,000,000 to $4,999,999	147	1	18	9	4	18
$5,000,000 or more	21	–	–	–	–	–
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	5 571	1 361	1 923	446	506	435
$1,000..	225 043	31 765	57 712	17 013	19 140	16 055
Farms by value group:						
$1 to $4,999	744	308	300	39	48	17
$5,000 to $9,999	764	276	278	37	41	100
$10,000 to $19,999	1 266	279	526	83	142	77
$20,000 to $49,999	1 490	347	471	180	151	150
$50,000 to $99,999	708	79	223	51	82	53
$100,000 to $199,999	442	61	103	54	31	29
$200,000 to $499,999	135	10	20	1	10	9
$500,000 or more	22	1	2	1	1	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	4 836	1 146	1 615	405	434	381
number..	10 539	1 843	3 002	898	901	881
Wheel tractors ..... farms..	4 655	901	1 656	417	440	400
number..	10 334	1 425	3 066	934	946	967
Less than 40 horsepower (PTO) ..... farms..	3 441	729	1 268	305	297	262
number..	5 650	985	1 982	537	526	459
40 horsepower (PTO) or more ..... farms..	2 613	331	764	285	260	290
number..	4 684	440	1 084	397	420	508
40 to 99 horsepower (PTO) ..... farms..	2 462	308	686	259	249	288
number..	4 025	389	975	347	382	457
100 horsepower (PTO) or more ..... farms..	436	42	102	38	28	29
number..	659	51	109	50	38	51
Grain and bean combines ..... farms..	50	–	15	9	–	2
number..	54	–	16	10	–	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	42	366	181	160	183
number..	1 590	44	425	194	178	197
Pickup balers ..... farms..	1 389	22	249	223	197	167
number..	1 651	34	272	270	222	181
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	3 442	818	1 058	304	330	258
acres on which used..	112 983	1 926	10 241	7 307	8 885	8 833
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	1 689	436	604	127	108	110
acres on which used..	39 570	(D)	5 075	2 981	2 659	2 682
Nematodes in crops ..... farms..	191	65	41	11	15	9
acres on which used..	4 019	180	250	186	239	187
Diseases in crops and orchards ..... farms..	1 152	275	432	85	102	61
acres on which used..	24 869	(D)	4 154	1 522	1 997	1 596
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	264	458	109	126	78
acres on which used..	48 093	588	4 425	2 316	2 672	2 218
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	21	67	19	13	14
acres on which used..	4 195	24	628	344	363	530

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..	50	46	27	81	39	6	1
acres..	1 583	1 511	1 345	4 547	4 535	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	204	144	91	231	98	21	4
acres..	5 112	3 854	3 530	12 712	9 984	(D)	(D)
Irrigated land ..... farms..	56	44	32	58	18	8	3
acres..	1 807	(D)	1 459	3 674	1 615	1 963	(D)
Harvested cropland irrigated ..... farms..	56	43	32	58	18	8	3
acres..	1 807	1 442	(D)	(D)	1 615	(D)	(D)
Pasture and other land irrigated ..... farms..	–	1	1	2	–	2	–
acres..	–	(D)	(D)	(D)	–	(D)	–
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	10	3	1	2	2	–	–
acres..	521	112	(D)	(D)	(D)	–	–
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	198	225	99	218	130	26	4
$1,000..	123 827	173 145	79 498	243 926	240 480	100 600	108 269
Average per farm ..... dollars..	625 390	769 535	803 010	1 118 929	1 849 850	3 869 231	27 067 185
Average per acre ..... dollars..	3 985	3 860	3 388	3 214	2 806	3 080	5 038
Farms by value group:							
$1 to $39,999	–	–	–	1	–	–	–
$40,000 to $69,999	–	7	–	1	–	–	–
$70,000 to $99,999	–	–	1	–	–	–	–
$100,000 to $149,999	3	–	1	3	1	–	–
$150,000 to $199,999	11	1	2	3	–	–	–
$200,000 to $499,999	92	82	47	66	11	1	–
$500,000 to $999,999	43	78	19	47	39	6	–
$1,000,000 to $1,999,999	43	40	20	63	45	5	–
$2,000,000 to $4,999,999	6	17	9	31	27	7	–
$5,000,000 or more	–	–	–	3	7	7	4
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	198	225	99	218	130	26	4
$1,000..	12 974	14 745	(D)	20 719	15 741	6 874	(D)
Farms by value group:							
$1 to $4,999	5	–	8	18	1	–	–
$5,000 to $9,999	6	7	1	16	2	–	–
$10,000 to $19,999	25	64	37	20	10	3	–
$20,000 to $49,999	65	40	17	34	30	5	–
$50,000 to $99,999	61	70	14	54	19	2	–
$100,000 to $199,999	28	32	12	42	45	4	1
$200,000 to $499,999	7	10	9	31	18	8	2
$500,000 or more	1	2	1	3	5	4	1
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	194	210	98	202	122	25	4
number..	497	559	327	752	448	(D)	(D)
Wheel tractors ..... farms..	173	218	89	209	125	23	4
number..	490	621	312	834	597	113	29
Less than 40 horsepower (PTO) ..... farms..	118	170	71	132	77	10	2
number..	215	304	123	305	185	(D)	(D)
40 horsepower (PTO) or more ..... farms..	144	162	82	167	103	21	4
number..	275	317	189	529	412	(D)	(D)
40 to 99 horsepower (PTO) ..... farms..	142	161	80	164	102	20	3
number..	247	275	157	410	317	58	11
100 horsepower (PTO) or more ..... farms..	26	30	19	66	46	9	1
number..	28	42	32	119	95	(D)	(D)
Grain and bean combines ..... farms..	–	2	1	3	14	4	–
number..	–	(D)	(D)	3	15	4	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	90	117	45	147	89	10	3
number..	90	120	47	160	115	14	6
Pickup balers ..... farms..	103	140	57	130	90	9	2
number..	117	162	77	169	129	(D)	(D)
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	135	145	80	180	110	20	4
acres on which used..	6 245	8 172	5 927	23 743	19 648	8 665	3 391
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	34	62	42	88	64	11	3
acres on which used..	1 835	2 725	2 547	7 145	5 225	3 926	(D)
Nematodes in crops ..... farms..	6	6	9	9	17	2	1
acres on which used..	286	150	822	528	1 105	(D)	(D)
Diseases in crops and orchards ..... farms..	25	59	18	67	19	6	3
acres on which used..	1 208	2 007	1 483	4 297	1 706	2 424	(D)
Weeds, grass, or brush in crops and pasture ..... farms..	52	59	46	108	79	14	4
acres on which used..	2 251	3 219	2 931	9 818	9 455	5 708	2 492
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	4	8	10	16	2	1	1
acres on which used..	92	508	260	798	(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
TENURE AND RACE OF OPERATOR						
All operators	5 574	1 254	1 865	485	479	456
Full owners	3 791	983	1 404	327	316	271
Part owners	1 313	91	319	125	145	149
Tenants	470	180	142	33	18	36
White	5 538	1 240	1 846	485	479	456
Full owners	3 760	970	1 388	327	316	271
Part owners	1 310	91	317	125	145	149
Tenants	468	179	141	33	18	36
Black and other races	36	14	19	–	–	–
Full owners	31	13	16	–	–	–
Part owners	3	–	2	–	–	–
Tenants	2	1	1	–	–	–
OWNED AND RENTED LAND						
Land owned ... farms	5 105	1 075	1 723	452	461	420
acres	420 885	5 108	40 126	24 765	33 883	43 126
Owned land in farms ... farms	5 104	1 074	1 723	452	461	420
acres	408 639	4 551	38 651	23 144	32 745	41 645
Land rented or leased from others ... farms	1 794	272	465	158	166	185
acres	110 716	1 164	7 680	4 893	6 797	11 376
landlords	5 226	396	884	385	410	640
Rented or leased land in farms ... farms	1 783	271	461	158	163	185
acres	109 660	867	7 503	4 844	6 724	11 369
Land rented or leased to others ... farms	371	49	89	53	44	33
acres	13 302	854	1 652	1 670	1 211	1 488
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	4 203	847	1 436	381	385	369
Not on farm operated	1 074	315	353	76	74	64
Not reported	297	92	76	28	20	23
Operators by principal occupation:						
Farming	2 927	519	891	255	247	270
Other	2 647	735	974	230	232	186
Operators by days worked off farm:						
None	2 285	444	717	169	186	195
Any	2 980	742	1 052	284	266	240
1 to 99 days	549	137	146	61	48	45
100 to 199 days	567	144	191	56	45	55
200 days or more	1 864	461	715	167	173	140
Not reported	309	68	96	32	27	21
Operators by years on present farm:						
2 years or less	175	64	61	14	8	9
3 or 4 years	286	120	84	17	15	20
5 to 9 years	669	229	208	47	34	48
10 years or more	3 685	656	1 281	331	356	327
Average years on present farm	20.7	15.1	20.0	22.4	23.5	24.2
Not reported	759	185	231	76	66	52
Operators by age group:						
Under 25 years	31	7	12	2	2	4
25 to 34 years	253	100	68	20	16	10
35 to 44 years	1 071	290	362	89	88	69
45 to 49 years	785	193	274	55	63	62
50 to 54 years	836	178	289	68	82	74
55 to 59 years	646	154	209	56	42	55
60 to 64 years	500	82	190	48	42	43
65 to 69 years	455	86	153	48	37	39
70 years and over	997	164	308	99	107	100
Average age	54.9	52.1	54.8	56.3	56.3	56.7
Operators by sex:						
Male	4 648	944	1 526	416	415	398
Female	926	310	339	69	64	58
Operators of Spanish, Hispanic, or Latino origin (see text)	37	12	15	6	–	–
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	4 496	1 030	1 596	402	394	379
acres	330 825	4 549	39 354	23 229	32 507	43 913
Partnership ... farms	443	85	104	46	36	28
acres	71 602	351	2 730	2 630	2 901	3 326
Corporation:						
Family held ... farms	494	104	145	26	39	38
acres	88 355	380	3 502	1 533	(D)	4 471
More than 10 stockholders ... farms	11	1	2	–	–	1
10 or less stockholders ... farms	483	103	143	26	39	37
Other than family held ... farms	60	24	10	5	1	4
acres	7 964	92	252	284	(D)	510
More than 10 stockholders ... farms	8	3	1	1	–	–
10 or less stockholders ... farms	52	21	9	4	1	4
Other—cooperative, estate or trust, institutional, etc. ... farms	81	11	10	6	9	7
acres	19 553	46	316	312	(D)	794

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	270	206	117	291	121	26	4
Full owners	150	116	54	109	43	15	3
Part owners	101	79	57	164	72	10	1
Tenants	19	11	6	18	6	1	–
White	270	204	117	290	121	26	4
Full owners	150	114	54	109	43	15	3
Part owners	101	79	57	163	72	10	1
Tenants	19	11	6	18	6	1	–
Black and other races	–	2	–	1	–	–	–
Full owners	–	2	–	–	–	–	–
Part owners	–	–	–	1	–	–	–
Tenants	–	–	–	–	–	–	–
OWNED AND RENTED LAND							
Land owned ... farms	251	195	111	273	115	25	4
acres	33 571	33 701	21 906	74 023	59 770	29 297	21 609
Owned land in farms ... farms	251	195	111	273	115	25	4
acres	32 641	32 483	21 523	72 720	59 020	28 107	21 409
Land rented or leased from others ... farms	120	90	63	185	78	11	1
acres	9 522	8 217	6 105	29 578	20 748	(D)	(D)
landlords	356	350	255	930	518	(D)	(D)
Rented or leased land in farms ... farms	120	90	63	182	78	11	1
acres	9 520	8 217	6 105	29 127	20 748	(D)	(D)
Land rented or leased to others ... farms	27	20	12	33	7	3	1
acres	932	1 218	383	1 754	750	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	212	164	84	227	83	14	1
Not on farm operated	44	34	25	50	28	9	2
Not reported	14	8	8	14	10	3	1
Operators by principal occupation:							
Farming	170	144	92	213	101	22	3
Other	100	62	25	78	20	4	1
Operators by days worked off farm:							
None	127	111	67	173	71	22	3
Any	129	84	42	102	37	2	–
1 to 99 days	31	25	13	31	12	–	–
100 to 199 days	27	17	9	15	8	–	–
200 days or more	71	42	20	56	17	2	–
Not reported	14	11	8	16	13	2	1
Operators by years on present farm:							
2 years or less	7	1	5	5	1	–	–
3 or 4 years	9	7	5	6	2	1	–
5 to 9 years	27	17	19	26	11	1	2
10 years or more	195	153	69	212	85	19	1
Average years on present farm	24.1	26.0	22.7	26.7	25.5	29.0	12.7
Not reported	32	28	19	42	22	5	1
Operators by age group:							
Under 25 years	1	–	2	1	–	–	–
25 to 34 years	11	7	2	13	5	1	–
35 to 44 years	44	31	21	56	18	3	–
45 to 49 years	38	20	19	39	17	3	2
50 to 54 years	32	30	13	39	21	9	1
55 to 59 years	34	23	19	33	17	4	–
60 to 64 years	21	24	7	28	14	1	–
65 to 69 years	28	21	7	27	8	1	–
70 years and over	61	50	27	55	21	4	1
Average age	57.2	57.9	55.7	55.5	55.4	54.3	57.5
Operators by sex:							
Male	244	183	110	268	115	25	4
Female	26	23	7	23	6	1	–
Operators of Spanish, Hispanic, or Latino origin (see text)	–	1	–	–	2	–	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	215	155	87	181	50	7	–
acres	33 540	30 694	20 546	62 049	31 850	8 594	–
Partnership ... farms	23	20	8	54	34	4	1
acres	3 627	3 929	(D)	19 875	23 200	4 475	(D)
Corporation:							
Family held ... farms	21	25	16	39	27	12	2
acres	3 323	4 865	3 737	13 820	17 515	15 143	(D)
More than 10 stockholders ... farms	1	–	–	2	1	2	1
10 or less stockholders ... farms	20	25	16	37	26	10	1
Other than family held ... farms	4	1	4	3	3	–	1
acres	601	(D)	939	1 094	1 887	–	(D)
More than 10 stockholders ... farms	–	–	–	–	2	–	1
10 or less stockholders ... farms	4	1	4	3	1	–	–
Other—cooperative, estate or trust, institutional, etc. ... farms	7	5	2	14	7	3	–
acres	1 070	(D)	(D)	5 009	5 316	(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..	58	8	9	9	8	3
number..	66	9	10	10	8	3
Hired workers ..... farms..	86	13	12	5	4	9
number..	126	18	15	6	8	19
Farm-related deaths:						
Operator and family members ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Hired workers ..... farms..	2	–	–	–	–	–
number..	(D)	–	–	–	–	–
FARMS BY SIZE						
1 to 9 acres	1 254	1 254	–	–	–	–
10 to 49 acres	1 865	–	1 865	–	–	–
50 to 69 acres	485	–	–	485	–	–
70 to 99 acres	479	–	–	–	479	–
100 to 139 acres	456	–	–	–	–	456
140 to 179 acres	270	–	–	–	–	–
180 to 219 acres	206	–	–	–	–	–
220 to 259 acres	117	–	–	–	–	–
260 to 499 acres	291	–	–	–	–	–
500 to 999 acres	121	–	–	–	–	–
1,000 to 1,999 acres	26	–	–	–	–	–
2,000 acres or more	4	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	82	5	12	4	14	10
Vegetable and melon farming (1112)	625	144	242	70	49	44
Fruit and tree nut farming (1113)	865	189	341	65	66	65
Greenhouse, nursery, and floriculture production (1114)	1 044	496	356	48	55	31
Other crop farming (1119)	1 076	44	310	145	120	170
Tobacco farming (11191)	47	7	16	2	6	4
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	37	294	143	114	166
Beef cattle ranching and farming (112111)	472	44	129	67	66	45
Cattle feedlots (112112)	49	6	21	4	3	4
Dairy cattle and milk production (11212)	338	7	20	18	26	38
Hog and pig farming (1122)	118	29	46	10	10	8
Poultry and egg production (1123)	115	31	49	8	6	10
Sheep and goat farming (1124)	163	37	78	8	18	5
Animal aquaculture and other animal production (1125, 1129)	627	222	261	38	46	26
LIVESTOCK						
Cattle and calves inventory ..... farms..	1 420	100	296	140	174	189
number..	61 719	(D)	3 459	2 737	3 476	5 453
Farms with—						
1 to 9	545	74	187	70	76	62
10 to 49	535	26	99	57	77	93
50 to 99	178	–	8	10	17	27
100 to 199	95	–	1	2	4	6
200 to 499	59	–	1	1	–	–
500 or more	8	–	–	–	–	1
Cows and heifers that had calved ..... farms..	1 173	69	216	123	145	158
number..	33 704	(D)	1 733	1 377	1 955	3 132
Beef cows ..... farms..	799	54	181	105	110	113
number..	6 858	(D)	905	722	819	892
Farms with—						
1 to 9	564	50	153	80	75	78
10 to 49	226	4	28	25	35	35
50 to 99	8	–	–	–	–	–
100 to 199	1	–	–	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Milk cows ..... farms..	483	20	51	28	43	61
number..	26 846	(D)	828	655	1 136	2 240
Farms with—						
1 to 4	129	11	30	12	18	21
5 to 9	20	5	3	1	1	3
10 to 49	143	4	14	12	18	21
50 to 99	103	–	3	1	4	14
100 to 199	67	–	–	2	2	1
200 to 499	19	–	1	–	–	1
500 or more	2	–	–	–	–	–
Heifers and heifer calves ..... farms..	979	59	163	96	108	125
number..	22 688	(D)	1 008	747	1 088	1 783
Steers, steer calves, bulls, and bull calves ..... farms..	902	50	185	85	121	125
number..	5 327	(D)	718	613	433	538

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..	3	3	2	8	4	–	1
number..	5	3	(D)	9	5	–	(D)
Hired workers ..... farms..	3	12	7	7	8	4	2
number..	(D)	14	12	8	9	9	(D)
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Hired workers ..... farms..	–	–	–	1	–	1	–
number..	–	–	–	(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	270	–	–	–	–	–	–
180 to 219 acres	–	206	–	–	–	–	–
220 to 259 acres	–	–	117	–	–	–	–
260 to 499 acres	–	–	–	291	–	–	–
500 to 999 acres	–	–	–	–	121	–	–
1,000 to 1,999 acres	–	–	–	–	–	26	–
2,000 acres or more	–	–	–	–	–	–	4
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	9	7	7	7	6	1	–
Vegetable and melon farming (1112)	25	11	13	19	7	1	–
Fruit and tree nut farming (1113)	26	29	25	39	11	7	2
Greenhouse, nursery, and floriculture production (1114)	19	18	4	12	4	1	–
Other crop farming (1119)	96	69	24	78	18	2	–
Tobacco farming (11191)	5	2	3	1	1	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	91	67	21	77	17	2	–
Beef cattle ranching and farming (112111)	40	28	5	28	16	4	–
Cattle feedlots (112112)	6	3	–	–	2	–	–
Dairy cattle and milk production (11212)	24	24	27	94	48	10	2
Hog and pig farming (1122)	7	3	2	1	2	–	–
Poultry and egg production (1123)	3	3	1	3	1	–	–
Sheep and goat farming (1124)	4	5	3	5	–	–	–
Animal aquaculture and other animal production (1125, 1129)	11	6	6	5	6	–	–
LIVESTOCK							
Cattle and calves inventory ..... farms..	112	91	48	170	83	15	2
number..	3 631	3 827	3 810	15 735	13 504	4 363	(D)
Farms with—							
1 to 9	27	18	4	22	4	1	–
10 to 49	63	43	17	43	15	2	–
50 to 99	17	17	17	46	16	3	–
100 to 199	5	13	5	35	23	1	–
200 to 499	–	–	5	24	22	5	1
500 or more	–	–	–	–	3	3	1
Cows and heifers that had calved ..... farms..	91	77	43	157	77	15	2
number..	2 031	1 991	2 104	8 947	7 292	2 263	(D)
Beef cows ..... farms..	63	51	19	67	31	4	1
number..	744	508	266	943	759	96	(D)
Farms with—							
1 to 9	43	33	9	36	6	1	–
10 to 49	18	18	8	28	23	3	1
50 to 99	2	–	2	2	2	–	–
100 to 199	–	–	–	1	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	37	33	30	114	53	11	2
number..	1 287	1 483	1 838	8 004	6 533	2 167	(D)
Farms with—							
1 to 4	11	4	3	15	3	1	–
5 to 9	2	3	–	1	1	–	–
10 to 49	12	12	16	33	1	–	–
50 to 99	9	12	6	31	20	2	1
100 to 199	3	2	2	30	22	3	–
200 to 499	–	–	3	4	5	5	–
500 or more	–	–	–	–	1	–	1
Heifers and heifer calves ..... farms..	84	69	41	146	74	12	2
number..	1 385	1 450	1 165	5 986	5 565	1 933	(D)
Steers, steer calves, bulls, and bull calves ..... farms..	56	68	30	108	61	11	2
number..	215	386	541	802	647	167	(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
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	1 158	57	209	117	127	155
number..	24 849	(D)	1 608	1 339	1 414	2 344
$1,000..	6 424	115	528	543	369	608
Calves ..... farms..	674	22	92	62	77	88
number..	13 485	(D)	765	478	855	1 226
$1,000..	814	22	88	54	101	93
Cattle ..... farms..	970	46	176	98	88	132
number..	11 364	(D)	843	861	559	1 118
$1,000..	5 610	93	441	489	268	515
Fattened on grain and concentrates .... farms..	117	7	39	12	8	11
number..	1 158	23	119	(D)	28	85
$1,000..	834	13	82	(D)	19	50
Hogs and pigs inventory ..... farms..	383	66	121	52	28	28
number..	18 297	1 848	4 215	2 616	1 355	3 031
Farms with—						
1 to 24	286	48	96	38	21	16
25 to 49	35	7	4	7	4	5
50 to 99	21	5	7	2	–	4
100 to 199	17	5	6	2	–	–
200 to 499	15	1	7	1	2	2
500 or more	9	–	1	2	1	1
Used or to be used for breeding ..... farms..	177	29	52	24	13	16
number..	2 388	283	606	206	252	211
Other ..... farms..	351	61	114	46	26	26
number..	15 909	1 565	3 609	2 410	1 103	2 820
Hogs and pigs sold..... farms..	269	46	86	36	22	22
number..	23 636	2 605	5 147	3 689	1 794	2 756
$1,000..	2 265	189	472	419	145	268
Feeder pigs ..... farms..	66	12	15	5	5	9
number..	4 070	1 219	732	435	624	500
$1,000..	153	39	32	18	22	18
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	180	31	52	24	13	17
number..	2 795	343	711	231	246	241
Dec. 1 and May 31..... farms..	154	27	42	20	12	13
number..	1 457	177	355	119	120	151
June 1 and Nov. 30 ..... farms..	132	20	38	18	12	14
number..	1 338	166	356	112	126	90
Sheep and lambs of all ages inventory..... farms..	431	65	174	38	44	32
number..	8 348	752	2 904	482	1 071	795
Ewes 1 year old or older ..... farms..	364	56	155	34	32	25
number..	5 374	494	1 895	336	631	524
Sheep and lambs sold..... farms..	350	45	146	32	34	25
number..	6 756	906	2 128	368	796	596
Sheep and lambs shorn ..... farms..	335	52	144	30	26	25
number..	6 843	628	2 426	334	814	657
pounds of wool..	51 056	4 764	19 110	2 336	6 005	4 741
Horses and ponies inventory ..... farms..	1 196	217	435	111	127	93
number..	9 410	1 771	3 593	766	1 237	640
Horses and ponies sold..... farms..	232	49	106	15	28	11
number..	1 642	251	1 085	76	84	29
Goats inventory ..... farms..	238	50	79	22	34	15
number..	2 490	533	704	170	214	85
Goats sold ..... farms..	79	20	26	8	8	4
number..	850	158	216	65	68	(D)
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	95	189	63	35	49
number..	682 853	15 418	94 244	6 190	7 989	(D)
Farms with—						
1 to 399	481	86	184	59	34	44
400 to 3,199	17	9	2	4	–	1
3,200 to 9,999.....	5	–	1	–	1	3
10,000 to 19,999	1	–	–	–	–	–
20,000 to 49,999	3	–	1	–	–	–
50,000 to 99,999	1	–	1	–	–	–
100,000 or more	2	–	–	–	–	1
Layers 20 weeks old and older ..... farms..	497	93	185	61	34	46
number..	556 206	12 564	93 857	3 602	7 823	146 533
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	18	21	15	7	8
number..	126 647	2 854	387	2 588	166	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	18	32	10	8	8
number..	(D)	5 538	88 632	(D)	(D)	(D)
Broilers and other meat-type chickens sold .. farms..	41	10	14	3	4	1
number..	(D)	778	(D)	650	(D)	(D)
Farms with—						
1 to 1,999.....	37	10	13	3	3	1
2,000 to 59,999.....	3	–	–	–	1	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	1	–	1	–	–	–
Turkey hens kept for breeding ..... farms..	22	8	6	–	5	2
number..	1 991	124	(D)	–	(D)	(D)
Turkeys sold ..... farms..	70	13	29	6	9	6
number..	93 226	382	38 165	16 088	(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
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	111	81	45	160	80	14	2
number..	1 637	1 510	2 136	6 002	4 803	1 459	(D)
$1,000..	552	473	813	1 173	968	(D)	(D)
Calves ..... farms..	54	51	32	119	64	11	2
number..	669	768	853	3 632	3 017	830	(D)
$1,000..	48	55	27	159	145	(D)	(D)
Cattle ..... farms..	94	69	38	144	71	12	2
number..	968	742	1 283	2 370	1 786	629	(D)
$1,000..	504	418	786	1 014	822	(D)	(D)
Fattened on grain and concentrates .... farms..	11	9	6	7	7	–	–
number..	71	28	(D)	45	59	–	–
$1,000..	49	21	(D)	37	35	–	–
Hogs and pigs inventory ..... farms..	18	25	9	21	14	1	–
number..	389	794	457	(D)	2 701	(D)	–
Farms with—							
1 to 24	14	20	4	19	9	1	–
25 to 49	2	1	2	1	2	–	–
50 to 99	–	1	2	–	–	–	–
100 to 199	2	2	–	–	–	–	–
200 to 499	–	1	1	–	–	–	–
500 or more	–	–	–	1	3	–	–
Used or to be used for breeding ..... farms..	9	13	4	11	6	–	–
number..	76	130	(D)	(D)	490	–	–
Other ..... farms..	16	21	8	18	14	1	–
number..	313	664	(D)	(D)	2 211	(D)	–
Hogs and pigs sold..... farms..	11	17	6	11	11	1	–
number..	(D)	1 196	709	782	4 472	(D)	–
$1,000..	59	136	(D)	73	416	(D)	–
Feeder pigs ..... farms..	6	4	3	5	2	–	–
number..	98	(D)	80	135	(D)	–	–
$1,000..	4	(D)	3	5	(D)	–	–
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	9	13	4	11	6	–	–
number..	82	201	53	116	571	–	–
Dec. 1 and May 31..... farms..	9	11	4	11	5	–	–
number..	(D)	94	(D)	57	311	–	–
June 1 and Nov. 30 ..... farms..	6	8	3	7	6	–	–
number..	(D)	107	(D)	59	260	–	–
Sheep and lambs of all ages inventory..... farms..	13	19	6	26	13	1	–
number..	423	388	(D)	541	817	(D)	–
Ewes 1 year old or older ..... farms..	13	13	5	20	10	1	–
number..	285	231	(D)	271	638	(D)	–
Sheep and lambs sold..... farms..	15	14	5	23	10	1	–
number..	307	270	(D)	433	828	(D)	–
Sheep and lambs shorn ..... farms..	13	13	5	18	8	1	–
number..	378	261	(D)	309	925	(D)	–
pounds of wool..	2 387	2 098	(D)	1 952	6 575	(D)	–
Horses and ponies inventory ..... farms..	64	46	23	47	31	1	1
number..	443	292	(D)	351	174	(D)	(D)
Horses and ponies sold..... farms..	5	3	1	12	2	–	–
number..	(D)	11	(D)	70	(D)	–	–
Goats inventory ..... farms..	8	13	1	11	5	–	–
number..	84	602	(D)	81	(D)	–	–
Goats sold ..... farms..	2	6	–	5	–	–	–
number..	(D)	204	–	17	–	–	–
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	18	20	8	21	11	1	–
number..	(D)	(D)	197	(D)	(D)	(D)	–
Farms with—							
1 to 399	16	19	8	19	11	1	–
400 to 3,199	1	–	–	–	–	–	–
3,200 to 9,999.....	–	–	–	–	–	–	–
10,000 to 19,999	1	–	–	–	–	–	–
20,000 to 49,999	–	1	–	1	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	1	–	–	–
Layers 20 weeks old and older ..... farms..	18	20	8	21	10	1	–
number..	(D)	(D)	197	(D)	383	(D)	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	2	2	–	2	1	–	–
number..	(D)	(D)	–	(D)	(D)	–	–
Layers, pullets, and pullet chicks sold (see text)..... farms..	1	5	–	5	1	–	–
number..	(D)	(D)	–	(D)	(D)	–	–
Broilers and other meat-type chickens sold .. farms..	3	3	–	3	–	–	–
number..	(D)	(D)	–	325	–	–	–
Farms with—							
1 to 1,999.....	2	2	–	3	–	–	–
2,000 to 59,999.....	1	1	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	–	1	–	–	–	–	–
number..	–	(D)	–	–	–	–	–
Turkeys sold ..... farms..	3	1	–	3	–	–	–
number..	(D)	(D)	–	550	–	–	–

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 silage or green chop ..... farms..	403	2	29	25	37	44
acres..	22 813	(D)	251	286	620	1 158
tons, green..	445 811	(D)	3 756	4 667	9 566	42 093
Irrigated ..... farms..	8	1	2	–	1	2
acres..	49	(D)	(D)	–	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	169	2	27	21	32	19
25 to 99 acres	157	–	2	4	5	25
100 to 249 acres	68	–	–	–	–	–
250 to 499 acres	6	–	–	–	–	–
500 acres or more	3	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	93	18	26	6	12	6
acres..	2 964	11	104	(D)	109	51
cwt..	789 847	1 485	16 909	11 428	28 962	11 427
Irrigated ..... farms..	40	14	11	–	5	4
acres..	400	10	20	–	5	14
Farms by acres harvested:						
0.1 to 4.9 acres	64	18	19	4	10	2
5.0 to 24.9 acres	17	–	6	1	–	4
25.0 to 99.9 acres	6	–	1	1	2	–
100.0 to 249.9 acres	2	–	–	–	–	–
250.0 acres or more	4	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	67	533	256	265	305
acres..	100 218	(D)	6 920	5 880	7 574	12 393
tons, dry..	181 885	(D)	10 685	8 864	11 944	21 169
Irrigated ..... farms..	31	8	13	2	4	2
acres..	490	13	61	(D)	18	(D)
Farms by acres harvested:						
1 to 24 acres	1 077	67	457	158	142	105
25 to 99 acres	805	–	76	98	123	172
100 to 249 acres	237	–	–	–	–	28
250 to 499 acres	45	–	–	–	–	–
500 acres or more	4	–	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	46	316	169	185	214
acres..	57 130	(D)	3 980	3 523	4 898	7 848
tons, dry..	102 752	(D)	6 163	5 305	8 036	13 852
Irrigated ..... farms..	14	5	5	–	2	1
acres..	93	7	18	–	(D)	(D)
Vegetables harvested for sale (see text) .... farms..	935	190	325	98	79	83
acres..	16 039	(D)	3 007	1 743	1 810	1 729
Irrigated ..... farms..	403	94	140	39	37	27
acres..	5 721	(D)	1 159	623	584	665
Farms by acres harvested:						
0.1 to 4.9 acres	429	157	145	33	25	33
5.0 to 24.9 acres	322	33	146	36	23	29
25.0 to 99.9 acres	158	–	34	29	31	19
100.0 to 249.9 acres	23	–	–	–	–	2
250.0 acres or more	3	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	500	59	171	60	45	49
acres..	6 800	(D)	1 084	793	839	717
Irrigated ..... farms..	206	29	69	25	24	15
acres..	2 623	(D)	435	263	310	346
Land in orchards ..... farms..	431	75	156	44	40	40
acres..	6 546	163	899	440	432	802
Irrigated ..... farms..	73	16	23	8	8	6
acres..	584	23	62	87	60	66
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	228	61	85	22	21	15
5.0 to 24.9 acres	134	14	67	14	12	13
25.0 to 99.9 acres	55	–	4	8	7	11
100.0 to 249.9 acres	13	–	–	–	–	1
250.0 acres or more	1	–	–	–	–	–
Berries harvested for sale ..... farms..	969	190	368	90	90	65
acres..	15 047	(D)	2 284	958	1 128	995
Irrigated ..... farms..	733	152	274	67	71	41
acres..	14 275	(D)	2 080	918	1 079	815

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 silage or green chop ..... farms..	38	34	31	96	56	9	2
acres..	1 181	1 372	2 157	6 264	5 919	2 515	(D)
tons, green..	19 036	24 731	42 810	124 404	108 054	50 740	(D)
Irrigated ..... farms..	–	–	1	1	–	–	–
acres..	–	–	(D)	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	15	14	8	24	7	–	–
25 to 99 acres	22	16	13	48	20	1	1
100 to 249 acres	1	4	10	23	26	4	–
250 to 499 acres	–	–	–	1	3	2	–
500 acres or more	–	–	–	–	–	2	1
Potatoes, excluding sweetpotatoes ..... farms..	8	1	1	11	2	2	–
acres..	172	(D)	(D)	1 104	(D)	(D)	–
cwt..	40 701	(D)	(D)	295 790	(D)	(D)	–
Irrigated ..... farms..	2	1	–	2	1	–	–
acres..	(D)	(D)	–	(D)	(D)	–	–
Farms by acres harvested:							
0.1 to 4.9 acres	4	–	1	5	–	1	–
5.0 to 24.9 acres	2	1	–	2	1	–	–
25.0 to 99.9 acres	2	–	–	–	–	–	–
100.0 to 249.9 acres	–	–	–	2	–	–	–
250.0 acres or more	–	–	–	2	1	1	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	186	155	71	217	98	13	2
acres..	8 761	8 753	5 116	23 829	17 032	3 130	(D)
tons, dry..	16 134	15 954	8 944	44 498	33 654	8 550	(D)
Irrigated ..... farms..	–	–	–	2	–	–	–
acres..	–	–	–	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	60	40	14	24	9	1	–
25 to 99 acres	100	83	37	91	25	–	–
100 to 249 acres	26	32	20	82	43	6	–
250 to 499 acres	–	–	–	20	17	6	2
500 acres or more	–	–	–	–	4	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	131	112	52	167	71	7	1
acres..	5 322	5 908	3 030	12 574	8 410	1 170	(D)
tons, dry..	9 894	10 393	5 679	24 561	14 540	3 467	(D)
Irrigated ..... farms..	–	–	–	1	–	–	–
acres..	–	–	–	(D)	–	–	–
Vegetables harvested for sale (see text) .... farms..	41	40	19	42	16	1	1
acres..	1 136	1 523	1 204	2 395	992	(D)	(D)
Irrigated ..... farms..	24	16	9	15	2	–	–
acres..	658	600	223	673	(D)	–	–
Farms by acres harvested:							
0.1 to 4.9 acres	12	12	2	7	3	–	–
5.0 to 24.9 acres	13	14	8	13	5	1	1
25.0 to 99.9 acres	13	7	5	15	5	–	–
100.0 to 249.9 acres	3	7	4	5	2	–	–
250.0 acres or more	–	–	–	2	1	–	–
Sweet corn harvested for sale ..... farms..	30	30	15	29	11	–	1
acres..	582	801	458	1 069	365	–	(D)
Irrigated ..... farms..	17	12	5	8	2	–	–
acres..	365	326	108	264	(D)	–	–
Land in orchards ..... farms..	22	15	10	24	2	2	1
acres..	555	972	533	1 479	(D)	(D)	(D)
Irrigated ..... farms..	5	3	2	2	–	–	–
acres..	25	86	(D)	(D)	–	–	–
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	8	2	1	9	1	2	1
5.0 to 24.9 acres	6	3	3	2	–	–	–
25.0 to 99.9 acres	7	7	4	7	–	–	–
100.0 to 249.9 acres	1	3	2	6	–	–	–
250.0 acres or more	–	–	–	–	1	–	–
Berries harvested for sale ..... farms..	37	34	26	43	17	7	2
acres..	762	783	945	2 024	1 014	1 929	(D)
Irrigated ..... farms..	28	23	21	35	12	7	2
acres..	733	669	909	1 992	965	1 929	(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..	5 574	74	98	203	484	468	149
percent..	100.0	1.3	1.8	3.6	8.7	8.4	2.7
Land in farms ..... acres..	518 299	45 739	23 521	48 204	72 913	47 409	11 844
Average size of farm ..... acres..	93	618	240	237	151	101	79
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	5 574	74	98	203	484	468	149
$1,000..	454 404	172 892	66 596	68 337	74 923	33 299	6 554
Average per farm ..... dollars..	81 522	2 336 379	679 552	336 634	154 801	71 151	43 989
Farms by value of sales:							
Less than $1,000 (see text)	895	–	–	–	–	–	–
$1,000 to $2,499	721	–	–	–	–	–	–
$2,500 to $4,999	664	–	–	–	–	–	–
$5,000 to $9,999	707	–	–	–	–	–	–
$10,000 to $19,999	600	–	–	–	–	–	–
$20,000 to $24,999	153	–	–	–	–	–	–
$25,000 to $39,999	358	–	–	–	–	–	–
$40,000 to $49,999	149	–	–	–	–	–	149
$50,000 to $99,999	468	–	–	–	–	468	–
$100,000 to $249,999	484	–	–	–	484	–	–
$250,000 to $499,999	203	–	–	203	–	–	–
$500,000 to $999,999	98	–	98	–	–	–	–
$1,000,000 to $2,499,999	53	53	–	–	–	–	–
$2,500,000 to $4,999,999	16	16	–	–	–	–	–
$5,000,000 or more	5	5	–	–	–	–	–
Grains ..... farms..	81	2	8	3	8	5	3
$1,000..	1 310	(D)	354	25	425	(D)	(D)
Sales of $50,000 or more ..... farms..	8	1	3	–	3	1	–
$1,000..	847	(D)	(D)	–	374	(D)	–
Corn for grain ..... farms..	58	2	7	2	8	3	3
$1,000..	1 180	(D)	(D)	(D)	(D)	4	(D)
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	5	–	–	–	–	1	–
$1,000..	(D)	–	–	–	–	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	2	–	–	–	1	–	–
$1,000..	(D)	–	–	–	(D)	–	–
Other grains ..... farms..	23	–	1	1	1	2	–
$1,000..	76	–	(D)	(D)	(D)	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	68	7	11	8	19	14	2
$1,000..	23 807	14 333	4 887	1 826	1 796	804	(D)
Sales of $50,000 or more ..... farms..	50	7	11	7	16	9	–
$1,000..	23 397	14 333	4 887	(D)	1 722	(D)	–
Hay, silage, and field seeds ..... farms..	1 435	2	14	33	66	90	20
$1,000..	11 056	(D)	(D)	649	1 262	1 977	434
Sales of $50,000 or more ..... farms..	34	1	4	4	8	17	–
$1,000..	2 949	(D)	351	(D)	648	1 164	–
Vegetables, sweet corn, and melons ..... farms..	931	6	21	45	118	148	34
$1,000..	37 438	2 805	5 418	7 625	9 136	6 211	850
Sales of $50,000 or more ..... farms..	198	5	16	34	77	66	–
$1,000..	28 238	(D)	5 372	7 401	8 402	(D)	–
Fruits, nuts, and berries ..... farms..	1 142	28	39	83	203	154	55
$1,000..	148 247	64 072	22 009	21 136	26 361	8 324	1 767
Sales of $50,000 or more ..... farms..	407	27	36	66	168	110	–
$1,000..	140 561	(D)	21 970	20 916	25 977	(D)	–
Nursery and greenhouse crops ..... farms..	1 375	30	29	62	148	164	58
$1,000..	128 192	65 342	16 598	14 248	15 207	7 947	1 890
Sales of $50,000 or more ..... farms..	311	30	27	48	108	98	–
$1,000..	116 922	65 342	(D)	13 915	14 501	(D)	–
Other crops ..... farms..	300	4	4	14	29	26	7
$1,000..	7 326	4 247	866	397	543	441	86
Sales of $50,000 or more ..... farms..	13	3	3	1	2	4	–
$1,000..	5 886	(D)	(D)	(D)	(D)	241	–
Poultry and poultry products ..... farms..	375	5	4	8	15	17	11
$1,000..	15 900	10 263	1 560	1 535	1 078	492	241
Sales of $50,000 or more ..... farms..	24	4	3	4	7	6	–
$1,000..	14 853	(D)	(D)	1 527	1 042	464	–
Dairy products ..... farms..	353	5	18	62	120	77	14
$1,000..	59 773	6 296	11 200	18 886	16 441	5 288	563
Sales of $50,000 or more ..... farms..	275	5	18	62	120	70	–
$1,000..	57 788	6 296	11 200	18 886	16 441	4 965	–
Cattle and calves ..... farms..	1 158	5	22	72	136	105	21
$1,000..	6 424	200	964	1 117	1 015	629	75
Sales of $50,000 or more ..... farms..	11	2	2	2	3	2	–
$1,000..	1 526	(D)	(D)	(D)	177	(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
FARMS AND LAND IN FARMS							
Farms ..... number..	358	153	600	707	664	721	895
percent..	6.4	2.7	10.8	12.7	11.9	12.9	16.1
Land in farms ..... acres..	32 553	9 217	45 475	52 505	45 630	38 046	45 243
Average size of farm ..... acres..	91	60	76	74	69	53	51
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	358	153	600	707	664	721	895
$1,000..	11 351	3 347	8 321	5 006	2 371	1 173	232
Average per farm ..... dollars..	31 708	21 879	13 868	7 080	3 571	1 628	260
Farms by value of sales:							
Less than $1,000 (see text)	–	–	–	–	–	–	895
$1,000 to $2,499	–	–	–	–	–	721	–
$2,500 to $4,999	–	–	–	–	664	–	–
$5,000 to $9,999	–	–	–	707	–	–	–
$10,000 to $19,999	–	–	600	–	–	–	–
$20,000 to $24,999	–	153	–	–	–	–	–
$25,000 to $39,999	358	–	–	–	–	–	–
$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..	8	5	15	13	6	5	–
$1,000..	80	22	116	16	(D)	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Corn for grain ..... farms..	7	3	12	5	3	3	–
$1,000..	42	(D)	99	10	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	2	–	2	–	–	–	–
$1,000..	(D)	–	(D)	–	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	–	1	–	–	–	–	–
$1,000..	–	(D)	–	–	–	–	–
Other grains ..... farms..	1	1	3	8	3	2	–
$1,000..	(D)	(D)	(D)	6	(D)	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	2	2	1	1	1	–	–
$1,000..	(D)	(D)	(D)	(D)	(D)	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	99	42	187	281	247	223	131
$1,000..	1 381	526	1 598	1 359	624	297	63
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	105	57	153	127	69	33	15
$1,000..	2 030	816	1 604	723	181	35	4
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms..	98	33	125	118	71	67	68
$1,000..	1 977	455	1 286	562	186	89	25
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms..	104	55	173	143	146	127	136
$1,000..	2 815	862	1 891	743	441	168	40
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other crops ..... farms..	21	7	42	53	35	46	12
$1,000..	107	23	274	193	93	52	6
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Poultry and poultry products ..... farms..	26	16	28	59	62	71	53
$1,000..	453	70	66	42	48	37	13
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Dairy products ..... farms..	31	6	12	4	2	2	–
$1,000..	853	137	94	(D)	(D)	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Cattle and calves ..... farms..	71	29	102	174	166	172	83
$1,000..	494	129	573	563	402	220	44
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..	269	1	3	5	5	13	7
$1,000..	2 265	(D)	(D)	(D)	(D)	306	217
Sales of $50,000 or more ..... farms..	7	–	1	1	2	3	–
$1,000..	905	–	(D)	(D)	(D)	186	–
Sheep, lambs, and wool ..... farms..	396	–	2	6	5	11	5
$1,000..	475	–	(D)	(D)	(D)	(D)	5
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	2	4	8	22	28	12
$1,000..	12 190	(D)	1 910	655	1 485	820	308
Sales of $50,000 or more ..... farms..	26	2	3	2	10	9	–
$1,000..	9 298	(D)	(D)	(D)	1 414	678	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 226	7	15	51	105	123	37
$1,000..	19 825	1 542	1 771	5 263	5 302	2 619	365
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	5 565	74	98	195	395	562	176
$1,000..	311 068	107 335	44 193	45 654	42 661	26 687	5 507
Average per farm ..... dollars..	55 897	1 450 467	450 945	234 122	108 003	47 486	31 292
Livestock and poultry purchased ..... farms..	1 075	7	20	38	71	118	23
$1,000..	7 408	1 265	1 310	1 062	1 603	696	179
Farms with expenses of—							
$1 to $4,999	831	–	3	13	12	50	12
$5,000 to $24,999	180	1	6	11	35	67	10
$25,000 to $99,999	52	1	7	12	23	1	1
$100,000 to $249,999	8	3	3	2	–	–	–
$250,000 or more	4	2	1	–	1	–	–
Feed for livestock and poultry ..... farms..	2 161	11	27	74	140	192	61
$1,000..	31 880	4 891	4 756	7 380	5 492	4 606	1 067
Farms with expenses of—							
$1 to $4,999	1 590	1	1	10	21	47	16
$5,000 to $24,999	241	1	1	–	38	33	16
$25,000 to $99,999	259	1	5	28	74	112	29
$100,000 to $249,999	58	3	15	33	7	–	–
$250,000 or more	13	5	5	3	–	–	–
Commercially mixed formula feeds ..... farms..	1 492	10	27	69	131	154	61
$1,000..	23 392	4 012	3 595	5 972	3 933	3 349	778
Farms with expenses of—							
$1 to $4,999	1 016	–	1	7	20	24	19
$5,000 to $24,999	238	1	5	–	50	60	29
$25,000 to $99,999	192	3	6	37	61	70	13
$100,000 or more	46	6	15	25	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	2 422	43	61	126	288	356	87
$1,000..	15 829	8 041	2 111	1 469	1 759	1 216	312
Farms with expenses of—							
$1 to $999	1 441	3	4	12	83	115	38
$1,000 to $4,999	603	–	8	45	106	163	23
$5,000 to $24,999	282	8	28	47	81	75	26
$25,000 to $49,999	47	5	11	15	14	2	–
$50,000 or more	49	27	10	7	4	1	–
Commercial fertilizer ..... farms..	3 478	68	87	180	337	501	141
$1,000..	10 273	2 896	1 549	1 704	1 483	1 053	167
Farms with expenses of—							
$1 to $4,999	3 061	7	20	77	243	437	139
$5,000 to $24,999	343	27	48	86	90	64	2
$25,000 to $49,999	49	18	13	15	3	–	–
$50,000 or more	25	16	6	2	1	–	–
Agricultural chemicals ..... farms..	2 425	64	84	170	302	410	99
$1,000..	8 299	3 084	1 162	1 317	1 129	779	101
Farms with expenses of—							
$1 to $4,999	2 123	15	26	83	231	374	99
$5,000 to $24,999	242	18	45	75	68	36	–
$25,000 to $49,999	37	12	10	11	3	–	–
$50,000 or more	23	19	3	1	–	–	–
Petroleum products ..... farms..	5 245	72	98	190	382	554	174
$1,000..	14 893	4 402	1 933	1 863	2 286	1 527	301
Farms with expenses of—							
$1 to $4,999	4 665	1	7	56	224	455	166
$5,000 to $24,999	498	25	73	125	149	99	8
$25,000 to $49,999	45	20	11	5	9	–	–
$50,000 or more	37	26	7	4	–	–	–
Gasoline and gasohol ..... farms..	4 313	63	89	171	317	489	121
$1,000..	4 901	936	608	549	785	607	128
Diesel fuel ..... farms..	3 107	66	81	156	285	417	118
$1,000..	3 264	804	385	472	533	358	52
Natural gas ..... farms..	246	13	11	15	50	36	3
$1,000..	1 096	403	269	110	158	48	10
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	72	94	188	364	524	150
$1,000..	5 631	2 258	670	732	811	514	110

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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	19	11	42	57	49	39	18
$1,000..	290	110	262	192	76	35	8
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	17	11	31	70	64	113	61
$1,000..	(D)	12	(D)	131	71	107	17
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	44	15	66	116	95	109	36
$1,000..	791	(D)	518	472	237	126	14
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	93	47	159	199	154	145	91
$1,000..	884	320	772	578	237	141	32
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	358	193	533	729	658	716	878
$1,000..	8 007	3 107	6 909	5 661	5 458	3 405	6 483
Average per farm ..... dollars..	22 366	16 098	12 963	7 766	8 294	4 756	7 384
Livestock and poultry purchased ..... farms..	86	37	95	141	127	144	168
$1,000..	463	57	173	172	141	79	208
Farms with expenses of—							
$1 to $4,999	65	37	84	129	116	144	166
$5,000 to $24,999	14	–	11	12	11	–	2
$25,000 to $99,999	7	–	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	116	65	186	280	287	348	374
$1,000..	1 174	155	546	422	574	277	539
Farms with expenses of—							
$1 to $4,999	39	59	152	276	262	348	358
$5,000 to $24,999	68	6	34	4	24	–	16
$25,000 to $99,999	9	–	–	–	1	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	73	45	140	214	178	204	186
$1,000..	681	59	367	206	192	94	154
Farms with expenses of—							
$1 to $4,999	14	41	120	212	169	204	185
$5,000 to $24,999	57	4	20	2	9	–	1
$25,000 to $99,999	2	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	224	121	277	305	260	174	100
$1,000..	290	111	214	175	80	31	19
Farms with expenses of—							
$1 to $999	144	74	205	241	250	173	99
$1,000 to $4,999	70	45	68	63	10	1	1
$5,000 to $24,999	10	2	4	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Commercial fertilizer ..... farms..	276	160	362	409	347	284	326
$1,000..	362	161	305	210	179	80	124
Farms with expenses of—							
$1 to $4,999	256	160	356	409	347	284	326
$5,000 to $24,999	20	–	6	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Agricultural chemicals ..... farms..	182	125	251	282	204	117	135
$1,000..	210	121	169	118	63	14	33
Farms with expenses of—							
$1 to $4,999	181	125	251	282	204	117	135
$5,000 to $24,999	–	–	–	–	–	–	–
$25,000 to $49,999	1	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Petroleum products ..... farms..	343	179	514	706	629	687	717
$1,000..	486	216	521	459	365	235	301
Farms with expenses of—							
$1 to $4,999	337	178	504	704	629	687	717
$5,000 to $24,999	6	1	10	2	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	262	120	411	600	507	575	588
$1,000..	174	83	245	256	204	145	180
Diesel fuel ..... farms..	183	117	313	373	391	276	331
$1,000..	103	59	159	(D)	104	(D)	95
Natural gas ..... farms..	45	25	10	9	24	5	–
$1,000..	55	21	5	(D)	11	(D)	–
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	308	116	370	469	388	258	318
$1,000..	154	52	111	104	46	43	25

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..	3 690	74	95	185	358	476	125
$1,000..	7 715	1 839	939	1 185	1 450	895	226
Farms with expenses of—							
$1 to $999	2 299	2	7	15	64	186	43
$1,000 to $4,999	1 029	15	27	66	195	260	73
$5,000 to $24,999	332	32	58	102	99	30	9
$25,000 to $49,999	18	14	3	1	–	–	–
$50,000 or more	12	11	–	1	–	–	–
Hired farm labor ..... farms..	2 188	74	95	183	328	331	71
$1,000..	81 630	38 627	12 547	12 949	10 140	3 896	464
Farms with expenses of—							
$1 to $4,999	1 096	–	–	2	30	99	27
$5,000 to $24,999	553	–	5	19	130	198	43
$25,000 to $99,999	371	8	34	123	161	34	1
$100,000 to $249,999	109	16	49	37	7	–	–
$250,000 or more	59	50	7	2	–	–	–
Workers by days worked:							
150 days or more ..... farms..	988	74	88	169	247	168	23
workers..	4 635	1 928	601	730	675	333	37
Less than 150 days ..... farms..	1 933	60	70	151	263	295	59
workers..	9 295	1 557	913	1 073	1 390	1 315	167
Contract labor ..... farms..	690	29	33	74	79	134	40
$1,000..	7 276	1 981	1 122	1 584	1 258	628	210
Farms with expenses of—							
$1 to $999	221	2	–	11	2	44	7
$1,000 to $4,999	233	1	5	12	24	48	13
$5,000 to $24,999	160	6	12	29	38	39	20
$25,000 to $49,999	43	10	8	12	11	2	–
$50,000 or more	33	10	8	10	4	1	–
Repair and maintenance ..... farms..	4 716	74	95	195	356	532	175
$1,000..	22 779	7 145	2 318	2 612	2 789	2 104	380
Farms with expenses of—							
$1 to $4,999	3 879	1	9	41	171	387	162
$5,000 to $24,999	697	21	48	132	171	143	13
$25,000 to $49,999	98	25	28	20	12	2	–
$50,000 or more	42	27	10	2	2	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	49	53	85	111	190	51
$1,000..	7 089	3 026	1 237	662	697	945	112
Farms with expenses of—							
$1 to $999	530	4	1	6	34	87	8
$1,000 to $4,999	286	8	13	38	30	36	42
$5,000 to $24,999	186	15	23	36	40	58	1
$25,000 to $49,999	33	4	10	3	7	9	–
$50,000 or more	26	18	6	2	–	–	–
Interest ..... farms..	1 580	60	91	134	241	304	100
$1,000..	15 766	3 996	2 689	2 046	2 339	1 803	682
Farms with expenses of—							
$1 to $4,999	900	8	15	38	95	177	66
$5,000 to $24,999	562	16	39	77	132	115	34
$25,000 to $99,999	95	21	33	17	12	12	–
$100,000 or more	23	15	4	2	2	–	–
Secured by real estate ..... farms..	1 193	46	72	96	180	217	79
$1,000..	13 039	3 258	2 237	1 667	1 841	1 507	572
Farms with expenses of—							
$1 to $999	108	–	1	2	8	11	8
$1,000 to $4,999	520	4	11	21	51	105	42
$5,000 to $24,999	468	12	30	57	111	90	29
$25,000 to $49,999	52	7	18	8	8	11	–
$50,000 or more	45	23	12	8	2	–	–
Not secured by real estate ..... farms..	628	27	41	77	103	134	28
$1,000..	2 727	738	452	379	498	296	111
Farms with expenses of—							
$1 to $999	203	1	5	13	19	62	3
$1,000 to $4,999	295	7	12	40	52	46	21
$5,000 to $24,999	112	9	19	23	30	26	4
$25,000 to $49,999	12	5	4	1	2	–	–
$50,000 or more	6	5	1	–	–	–	–
Cash rent ..... farms..	900	29	45	101	151	178	9
$1,000..	6 393	2 417	1 233	1 270	541	498	18
Farms with expenses of—							
$1 to $4,999	709	5	10	56	118	143	7
$5,000 to $9,999	77	1	7	14	20	23	2
$10,000 to $24,999	68	2	18	19	11	11	–
$25,000 or more	46	21	10	12	2	1	–
Property taxes ..... farms..	5 138	66	92	180	363	513	153
$1,000..	19 915	3 113	1 106	1 422	2 172	1 614	444
Farms with expenses of—							
$1 to $4,999	4 217	11	33	68	213	404	126
$5,000 to $9,999	601	9	20	64	77	85	26
$10,000 to $24,999	253	15	27	46	68	24	1
$25,000 or more	67	31	12	2	5	–	–
All other farm production expenses ..... farms..	5 081	73	98	195	395	562	175
$1,000..	53 923	20 611	8 180	7 130	7 525	4 426	844
Farms with expenses of—							
$1 to $4,999	3 876	–	3	22	86	277	117
$5,000 to $24,999	849	11	13	75	219	264	58
$25,000 to $49,999	157	4	17	43	70	21	–
$50,000 to $99,999	97	9	30	38	19	–	–
$100,000 or more	102	49	35	17	1	–	–

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..	237	134	369	382	408	341	506
$1,000..	258	103	177	145	157	106	234
Farms with expenses of—							
$1 to $999	119	79	327	360	368	300	429
$1,000 to $4,999	118	55	42	22	38	41	77
$5,000 to $24,999	–	–	–	–	2	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Hired farm labor ..... farms..	209	114	181	206	170	94	132
$1,000..	899	618	712	248	274	43	213
Farms with expenses of—							
$1 to $4,999	140	74	140	203	160	92	129
$5,000 to $24,999	66	39	39	3	9	2	–
$25,000 to $99,999	3	1	2	–	1	–	3
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Workers by days worked:							
150 days or more ..... farms..	61	32	48	24	18	11	25
workers..	108	76	66	26	18	12	25
Less than 150 days ..... farms..	197	88	163	206	169	93	119
workers..	748	303	580	515	334	104	296
Contract labor ..... farms..	55	39	61	25	73	25	23
$1,000..	133	68	134	38	79	28	12
Farms with expenses of—							
$1 to $999	12	9	21	16	57	17	23
$1,000 to $4,999	41	30	29	7	15	8	–
$5,000 to $24,999	2	–	11	2	1	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Repair and maintenance ..... farms..	353	158	449	599	564	497	669
$1,000..	880	284	873	1 030	739	503	1 123
Farms with expenses of—							
$1 to $4,999	316	150	414	557	530	492	649
$5,000 to $24,999	35	8	35	42	34	4	11
$25,000 to $49,999	1	–	–	–	–	1	9
$50,000 or more	1	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	81	43	91	60	63	69	115
$1,000..	63	28	151	31	26	34	77
Farms with expenses of—							
$1 to $999	60	31	60	49	60	58	72
$1,000 to $4,999	21	12	18	11	3	11	43
$5,000 to $24,999	–	–	13	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Interest ..... farms..	103	85	86	130	58	74	114
$1,000..	454	182	503	383	184	187	317
Farms with expenses of—							
$1 to $4,999	74	81	39	99	44	65	99
$5,000 to $24,999	29	4	47	31	14	9	15
$25,000 to $99,999	–	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–
Secured by real estate ..... farms..	72	56	75	97	40	53	110
$1,000..	392	134	455	358	160	144	315
Farms with expenses of—							
$1 to $999	16	7	8	11	1	8	27
$1,000 to $4,999	30	45	20	55	25	43	68
$5,000 to $24,999	26	4	47	31	14	2	15
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Not secured by real estate ..... farms..	46	29	37	34	18	36	18
$1,000..	62	48	49	25	25	43	3
Farms with expenses of—							
$1 to $999	10	10	14	19	9	20	18
$1,000 to $4,999	35	19	23	15	9	16	–
$5,000 to $24,999	1	–	–	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Cash rent ..... farms..	82	42	82	83	50	19	29
$1,000..	118	99	106	38	34	3	17
Farms with expenses of—							
$1 to $4,999	78	33	78	83	50	19	29
$5,000 to $9,999	1	8	1	–	–	–	–
$10,000 to $24,999	3	1	3	–	–	–	–
$25,000 or more	–	–	–	–	–	–	–
Property taxes ..... farms..	310	179	495	612	625	676	874
$1,000..	934	431	1 278	1 548	1 893	1 417	2 542
Farms with expenses of—							
$1 to $4,999	275	152	442	553	556	641	743
$5,000 to $9,999	23	27	42	54	45	31	98
$10,000 to $24,999	11	–	9	3	13	4	32
$25,000 or more	1	–	2	2	11	–	1
All other farm production expenses..... farms..	358	193	533	666	562	545	726
$1,000..	1 281	473	1 046	644	669	369	723
Farms with expenses of—							
$1 to $4,999	286	150	476	664	537	545	713
$5,000 to $24,999	70	43	57	2	24	–	13
$25,000 to $49,999	2	–	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	1	–	–
$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..	5 571	74	98	195	395	562	176
$1,000..	135 155	65 557	22 403	19 998	17 951	13 916	2 287
Average per farm ..... dollars..	24 260	885 912	228 606	102 555	45 444	24 761	12 994
Farms with net gains[2] ..... number..	2 861	72	92	176	345	475	152
Average net gain ..... dollars..	55 554	(D)	247 657	118 354	61 030	31 645	18 089
Gain of—							
Less than $1,000	265	–	–	–	1	6	–
$1,000 to $9,999	1 089	1	3	2	23	76	31
$10,000 to $49,999	932	–	6	34	123	310	121
$50,000 or more	575	71	83	140	198	83	–
Farms with net losses ..... number..	2 710	2	6	19	50	87	24
Average net loss ..... dollars..	8 777	(D)	63 503	43 790	62 100	12 823	19 275
Loss of—							
Less than $1,000	404	–	–	–	1	–	–
$1,000 to $9,999	1 734	–	–	3	7	49	5
$10,000 to $49,999	532	–	4	12	30	37	18
$50,000 or more	40	2	2	4	12	1	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	401	4	16	57	88	56	18
$1,000..	1 209	20	228	345	225	113	24
Other farm-related income[1] ..... farms..	1 340	8	25	60	84	155	32
$1,000..	7 773	177	302	712	1 829	1 390	167
Customwork and other agricultural services ..... farms..	416	1	6	13	34	34	–
$1,000..	3 484	(D)	(D)	112	1 548	594	–
Gross cash rent or share payments ..... farms..	254	2	4	3	10	16	9
$1,000..	598	(D)	9	(D)	28	41	114
Forest products, excluding Christmas trees and maple products ..... farms..	487	–	3	12	20	40	10
$1,000..	1 997	–	(D)	(D)	100	584	28
Other farm-related income sources ..... farms..	452	6	19	49	50	87	23
$1,000..	1 695	124	183	385	154	172	25
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	7	–	1	1	5	–	–
$1,000..	137	–	(D)	(D)	(D)	–	–
Corn ..... farms..	7	–	1	1	5	–	–
$1,000..	137	–	(D)	(D)	(D)	–	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
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..	4 990	70	94	199	474	459	144
acres..	223 573	16 695	15 105	26 008	36 980	25 480	5 360
Harvested cropland ..... farms..	4 587	68	93	197	466	448	140
acres..	168 765	15 002	13 724	21 895	29 252	19 270	4 448
Farms by acres harvested:							
1 to 49 acres	3 675	20	31	95	286	329	115
50 to 99 acres	469	6	27	25	81	64	14
100 to 199 acres	279	22	7	35	61	33	10
200 to 499 acres	146	13	22	40	36	22	–
500 to 999 acres	14	3	6	2	2	–	1
1,000 to 1,999 acres	4	4	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	1 621	8	12	58	126	103	25
acres..	39 471	1 027	(D)	2 959	5 932	4 293	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	1	8	17	33	34	11
acres..	3 961	(D)	335	671	685	485	(D)
On which all crops failed ..... farms..	165	3	2	6	26	25	9
acres..	1 201	(D)	(D)	46	245	132	34
In cultivated summer fallow ..... farms..	70	1	1	4	7	10	1
acres..	409	(D)	(D)	38	40	35	(D)
Idle ..... farms..	661	19	15	26	61	68	25
acres..	9 766	607	443	399	826	1 265	322
Total woodland ..... farms..	3 011	23	47	110	234	216	69
acres..	197 075	(D)	3 144	13 703	21 400	13 799	4 434
Woodland pastured ..... farms..	734	1	3	32	50	51	15
acres..	20 194	(D)	(D)	2 121	1 624	1 409	458
Woodland not pastured ..... farms..	2 726	23	46	105	214	196	65
acres..	176 881	(D)	(D)	11 582	19 776	12 390	3 976

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..	358	193	533	729	658	716	884
$1,000..	3 571	1 118	520	–463	–3 143	–2 281	–6 279
Average per farm ..... dollars..	9 976	5 793	976	–635	–4 777	–3 186	–7 103
Farms with net gains[2] ..... number..	291	146	345	423	184	122	38
Average net gain ..... dollars..	16 903	(D)	6 204	3 242	1 434	905	331
Gain of—							
Less than $1,000	8	1	16	47	71	77	38
$1,000 to $9,999	57	73	289	376	113	45	–
$10,000 to $49,999	226	72	40	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Farms with net losses ..... number..	67	47	188	306	474	594	846
Average net loss ..... dollars..	20 114	(D)	8 619	5 995	7 188	4 027	7 437
Loss of—							
Less than $1,000	15	11	18	54	96	108	101
$1,000 to $9,999	19	21	120	195	277	456	582
$10,000 to $49,999	22	15	49	56	99	30	160
$50,000 or more	11	–	1	1	2	–	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	17	17	41	26	23	21	17
$1,000..	32	22	60	32	32	33	42
Other farm-related income[1] ..... farms..	111	58	108	203	173	125	198
$1,000..	593	229	467	481	525	352	550
Customwork and other agricultural services ..... farms..	49	34	21	85	49	38	52
$1,000..	271	174	172	258	80	104	57
Gross cash rent or share payments ..... farms..	21	19	14	36	27	28	65
$1,000..	16	17	10	73	18	44	205
Forest products, excluding Christmas trees and maple products ..... farms..	58	4	36	43	97	70	94
$1,000..	137	8	168	84	413	152	84
Other farm-related income sources ..... farms..	31	3	56	47	34	13	34
$1,000..	170	29	118	66	14	52	203
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Corn ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
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..	335	148	562	640	579	602	684
acres..	14 395	5 550	18 723	20 033	15 657	12 023	11 564
Harvested cropland ..... farms..	319	143	538	605	520	522	528
acres..	10 719	4 174	14 461	13 454	9 942	6 897	5 527
Farms by acres harvested:							
1 to 49 acres	244	110	428	523	478	499	517
50 to 99 acres	34	20	73	65	30	20	10
100 to 199 acres	36	12	33	17	9	3	1
200 to 499 acres	5	1	4	–	3	–	–
500 to 999 acres	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	87	41	137	222	220	242	340
acres..	2 497	1 097	3 021	4 623	4 214	4 005	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	32	13	27	31	32	26	31
acres..	335	72	232	275	324	145	235
On which all crops failed ..... farms..	20	7	15	19	14	8	11
acres..	180	21	151	149	116	27	59
In cultivated summer fallow ..... farms..	6	5	13	8	7	5	2
acres..	34	50	99	36	17	22	(D)
Idle ..... farms..	48	13	79	99	69	74	65
acres..	630	136	759	1 496	1 044	927	912
Total woodland ..... farms..	203	66	311	414	381	434	503
acres..	13 238	(D)	19 832	24 598	22 817	20 096	24 996
Woodland pastured ..... farms..	49	16	60	117	105	95	140
acres..	2 050	(D)	1 397	2 720	2 712	1 615	2 856
Woodland not pastured ..... farms..	186	56	292	372	330	398	443
acres..	11 188	1 965	18 435	21 878	20 105	18 481	22 140

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..	885	2	14	41	68	54	22
acres..	24 183	(D)	615	2 582	3 868	2 369	526
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	62	82	161	351	331	108
acres..	73 468	16 016	4 657	5 911	10 665	5 761	1 524
Irrigated land ..... farms..	1 630	60	63	123	291	261	86
acres..	24 564	7 952	2 995	3 878	4 441	2 464	506
Harvested cropland irrigated ..... farms..	1 614	60	63	123	289	261	85
acres..	24 269	(D)	(D)	(D)	4 388	(D)	(D)
Pasture and other land irrigated ..... farms..	45	2	2	1	8	2	2
acres..	295	(D)	(D)	(D)	53	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	–	–	2	8	3	3
acres..	2 690	–	–	(D)	128	(D)	50
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	5 571	74	98	195	395	562	176
$1,000..	2 534 884	271 482	119 411	180 530	280 647	234 878	78 790
Average per farm ..... dollars..	455 014	3 668 669	1 218 484	925 793	710 499	417 932	447 670
Average per acre ..... dollars..	5 207	5 935	5 077	3 960	4 462	4 854	6 124
Farms by value group:							
$1 to $39,999	411	1	–	1	2	21	11
$40,000 to $69,999	300	–	–	1	7	37	8
$70,000 to $99,999	175	–	1	1	4	13	–
$100,000 to $149,999	464	–	1	7	26	36	33
$150,000 to $199,999	741	2	1	7	16	65	14
$200,000 to $499,999	2 029	5	21	45	148	217	54
$500,000 to $999,999	909	19	32	61	97	121	43
$1,000,000 to $1,999,999	374	19	20	53	76	46	10
$2,000,000 to $4,999,999	147	17	21	19	18	6	2
$5,000,000 or more	21	11	1	–	1	–	1
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	5 571	74	98	195	395	562	176
$1,000..	225 043	23 978	16 089	24 627	29 468	27 257	5 190
Farms by value group:							
$1 to $4,999	744	–	–	3	8	12	8
$5,000 to $9,999	764	2	1	5	11	50	33
$10,000 to $19,999	1 266	2	6	9	49	111	28
$20,000 to $49,999	1 490	10	13	19	104	163	87
$50,000 to $99,999	708	8	18	43	101	161	16
$100,000 to $199,999	442	13	27	78	102	50	–
$200,000 to $499,999	135	27	28	34	19	15	4
$500,000 or more	22	12	5	4	1	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	4 836	74	98	195	394	528	164
number..	10 539	845	579	774	1 150	1 322	269
Wheel tractors ..... farms..	4 655	63	88	168	344	467	135
number..	10 334	392	432	669	914	1 201	303
Less than 40 horsepower (PTO) ..... farms..	3 441	43	58	116	230	318	104
number..	5 650	172	162	241	413	554	162
40 horsepower (PTO) or more ..... farms..	2 613	53	74	134	251	372	84
number..	4 684	220	270	428	501	647	141
40 to 99 horsepower (PTO) ..... farms..	2 462	49	74	129	226	314	84
number..	4 025	145	212	332	427	492	128
100 horsepower (PTO) or more ..... farms..	436	18	26	52	53	108	13
number..	659	75	58	96	74	155	13
Grain and bean combines ..... farms..	50	2	3	6	11	2	2
number..	54	(D)	3	8	11	(D)	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	10	21	64	113	176	46
number..	1 590	11	28	75	136	184	47
Pickup balers ..... farms..	1 389	6	16	51	104	168	50
number..	1 651	8	23	68	149	214	68
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	3 442	67	87	180	335	500	141
acres on which used..	112 983	14 954	12 324	19 832	18 370	15 802	1 919
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	1 689	61	72	125	244	309	57
acres on which used..	39 570	10 913	5 716	6 921	5 781	4 390	442
Nematodes in crops ..... farms..	191	16	11	20	26	34	10
acres on which used..	4 019	823	925	830	770	216	(D)
Diseases in crops and orchards ..... farms..	1 152	47	48	86	154	257	30
acres on which used..	24 869	7 810	3 599	3 450	3 270	3 441	238
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	48	55	118	238	325	52
acres on which used..	48 093	11 178	7 367	9 899	8 957	5 333	554
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	6	8	21	30	50	5
acres on which used..	4 195	664	477	846	743	739	21

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..	47	21	70	114	119	121	192
acres..	1 933	(D)	1 928	2 019	2 579	2 236	2 808
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	230	92	366	465	434	485	567
acres..	2 987	957	4 992	5 855	4 577	3 691	5 875
Irrigated land ..... farms..	140	61	203	133	103	62	44
acres..	735	248	598	284	209	142	112
Harvested cropland irrigated ..... farms..	140	61	202	133	99	60	38
acres..	(D)	248	(D)	265	193	134	77
Pasture and other land irrigated ..... farms..	1	–	2	5	9	3	8
acres..	(D)	–	(D)	19	16	8	35
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	3	3	9	13	10	8	9
acres..	(D)	(D)	570	496	248	107	735
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	358	193	533	729	658	716	884
$1,000..	133 197	75 697	225 460	202 479	251 319	191 895	289 099
Average per farm ..... dollars..	372 059	392 213	423 002	277 749	381 944	268 009	327 036
Average per acre ..... dollars..	5 645	8 101	5 357	4 368	5 165	5 324	6 923
Farms by value group:							
$1 to $39,999	31	23	37	91	59	76	58
$40,000 to $69,999	40	19	19	56	46	19	48
$70,000 to $99,999	29	2	14	26	22	48	15
$100,000 to $149,999	31	26	42	74	65	71	52
$150,000 to $199,999	48	2	79	89	113	153	152
$200,000 to $499,999	102	80	199	287	218	271	382
$500,000 to $999,999	50	26	108	94	69	55	134
$1,000,000 to $1,999,999	23	2	30	5	44	16	30
$2,000,000 to $4,999,999	3	13	2	6	21	6	13
$5,000,000 or more	1	–	3	1	1	1	–
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	358	193	533	729	658	716	884
$1,000..	10 702	6 443	14 218	17 136	17 557	14 211	18 167
Farms by value group:							
$1 to $4,999	33	44	59	72	129	144	232
$5,000 to $9,999	35	20	99	108	105	139	156
$10,000 to $19,999	120	41	104	248	128	185	235
$20,000 to $49,999	112	33	196	213	202	185	153
$50,000 to $99,999	36	29	49	66	60	48	73
$100,000 to $199,999	22	26	24	21	32	12	35
$200,000 to $499,999	–	–	2	1	2	3	–
$500,000 or more	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	324	140	487	585	542	604	701
number..	544	303	857	966	870	995	1 065
Wheel tractors ..... farms..	297	168	451	634	565	583	692
number..	646	313	920	1 182	1 101	1 130	1 131
Less than 40 horsepower (PTO) ..... farms..	221	117	307	486	440	480	521
number..	408	169	476	724	673	724	772
40 horsepower (PTO) or more ..... farms..	143	103	267	328	276	257	271
number..	238	144	444	458	428	406	359
40 to 99 horsepower (PTO) ..... farms..	141	94	256	317	275	247	256
number..	223	115	415	433	410	363	330
100 horsepower (PTO) or more ..... farms..	14	21	29	24	18	34	26
number..	15	29	29	25	18	43	29
Grain and bean combines ..... farms..	2	8	1	4	–	9	–
number..	(D)	8	(D)	4	–	10	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	82	59	128	181	203	167	183
number..	90	70	137	197	230	180	205
Pickup balers ..... farms..	57	40	111	260	198	194	134
number..	64	40	117	292	234	224	150
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	273	153	350	410	346	271	329
acres on which used..	3 689	3 127	6 760	4 985	4 796	2 668	3 757
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	147	92	149	150	139	58	86
acres on which used..	1 689	667	1 099	675	864	129	284
Nematodes in crops ..... farms..	1	19	23	8	11	–	12
acres on which used..	(D)	204	129	16	26	–	12
Diseases in crops and orchards ..... farms..	95	48	77	115	77	36	82
acres on which used..	746	519	341	582	531	71	271
Weeds, grass, or brush in crops and pasture ..... farms..	87	52	116	136	94	31	45
acres on which used..	1 432	937	870	583	697	99	187
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	21	8	6	8	10	3	–
acres on which used..	291	312	45	8	46	3	–

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	5 574	74	98	203	484	468	149
Full owners	3 791	43	45	78	254	247	101
Part owners	1 313	22	43	98	185	165	34
Tenants	470	9	10	27	45	56	14
White	5 538	74	96	203	481	465	145
Full owners	3 760	43	44	78	252	244	97
Part owners	1 310	22	42	98	184	165	34
Tenants	468	9	10	27	45	56	14
Black and other races	36	–	2	–	3	3	4
Full owners	31	–	1	–	2	3	4
Part owners	3	–	1	–	1	–	–
Tenants	2	–	–	–	–	–	–
OWNED AND RENTED LAND							
Land owned farms	5 105	65	88	176	439	412	135
acres	420 885	38 707	15 051	31 393	52 377	35 805	8 788
Owned land in farms farms	5 104	65	88	176	439	412	135
acres	408 639	38 462	14 943	31 267	51 433	33 907	8 762
Land rented or leased from others farms	1 794	31	53	125	232	222	48
acres	110 716	7 409	8 580	16 951	21 517	13 549	3 082
landlords	5 226	188	317	623	887	619	105
Rented or leased land in farms farms	1 783	31	53	125	230	221	48
acres	109 660	7 277	8 578	16 937	21 480	13 502	3 082
Land rented or leased to others farms	371	5	5	8	24	33	3
acres	13 302	377	110	140	981	1 945	26
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 203	22	61	120	310	320	104
Not on farm operated	1 074	47	33	67	151	121	37
Not reported	297	5	4	16	23	27	8
Operators by principal occupation:							
Farming	2 927	67	93	184	415	376	96
Other	2 647	7	5	19	69	92	53
Operators by days worked off farm:							
None	2 285	61	76	150	316	264	71
Any	2 980	7	12	38	134	176	71
1 to 99 days	549	4	6	19	58	54	19
100 to 199 days	567	1	–	5	32	45	13
200 days or more	1 864	2	6	14	44	77	39
Not reported	309	6	10	15	34	28	7
Operators by years on present farm:							
2 years or less	175	2	4	5	12	12	10
3 or 4 years	286	2	4	7	20	18	3
5 to 9 years	669	8	9	22	43	54	23
10 years or more	3 685	51	67	142	341	303	95
Average years on present farm	20.7	22.6	22.1	21.8	21.0	19.1	18.7
Not reported	759	11	14	27	68	81	18
Operators by age group:							
Under 25 years	31	–	–	–	4	1	1
25 to 34 years	253	3	2	8	26	22	12
35 to 44 years	1 071	9	21	50	111	125	21
45 to 49 years	785	16	17	37	72	79	24
50 to 54 years	836	16	24	31	86	56	39
55 to 59 years	646	14	6	26	52	65	16
60 to 64 years	500	6	11	20	51	23	15
65 to 69 years	455	3	7	12	25	32	10
70 years and over	997	7	10	19	57	65	11
Average age	54.9	52.7	53.0	52.0	52.0	52.4	52.0
Operators by sex:							
Male	4 648	72	93	191	448	426	129
Female	926	2	5	12	36	42	20
Operators of Spanish, Hispanic, or Latino origin (see text)	37	2	–	2	3	3	2
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	4 496	7	30	76	287	340	108
acres	330 825	1 179	7 965	13 500	45 786	32 206	8 527
Partnership farms	443	7	17	38	79	58	22
acres	71 602	4 302	5 773	14 261	17 207	9 009	2 113
Corporation:							
Family held farms	494	45	41	83	97	57	13
acres	88 355	33 451	7 979	19 103	8 122	4 397	399
More than 10 stockholders farms	11	5	3	2	–	–	–
10 or less stockholders farms	483	40	38	81	97	57	13
Other than family held farms	60	11	6	4	12	5	1
acres	7 964	3 406	(D)	(D)	692	96	(D)
More than 10 stockholders farms	8	5	1	–	1	–	–
10 or less stockholders farms	52	6	5	4	11	5	1
Other—cooperative, estate or trust, institutional, etc. farms	81	4	4	2	9	8	5
acres	19 553	3 401	(D)	(D)	1 106	1 701	(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
TENURE AND RACE OF OPERATOR							
All operators	358	153	600	707	664	721	895
Full owners	222	83	393	475	516	576	758
Part owners	91	47	143	169	115	103	98
Tenants	45	23	64	63	33	42	39
White	353	151	597	705	659	718	891
Full owners	217	82	391	473	511	574	754
Part owners	91	47	142	169	115	103	98
Tenants	45	22	64	63	33	41	39
Black and other races	5	2	3	2	5	3	4
Full owners	5	1	2	2	5	2	4
Part owners	–	–	1	–	–	–	–
Tenants	–	1	–	–	–	1	–
OWNED AND RENTED LAND							
Land owned ... farms	313	130	536	644	631	680	856
acres	26 302	5 986	37 809	46 281	41 674	36 449	44 263
Owned land in farms ... farms	313	130	536	644	631	679	856
acres	25 194	5 752	36 380	44 626	40 441	34 993	42 479
Land rented or leased from others ... farms	136	70	207	235	150	145	140
acres	7 361	3 465	9 095	8 374	5 212	3 319	2 802
landlords	347	213	550	520	351	271	235
Rented or leased land in farms ... farms	136	70	207	232	148	145	137
acres	7 359	3 465	9 095	7 879	5 189	3 053	2 764
Land rented or leased to others ... farms	26	9	38	57	51	46	66
acres	1 110	234	1 429	2 150	1 256	1 722	1 822
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	264	104	440	570	533	606	749
Not on farm operated	77	39	119	97	89	87	110
Not reported	17	10	41	40	42	28	36
Operators by principal occupation:							
Farming	227	92	298	314	271	216	278
Other	131	61	302	393	393	505	617
Operators by days worked off farm:							
None	150	64	219	227	217	206	264
Any	183	83	354	439	412	483	588
1 to 99 days	48	18	72	69	64	55	63
100 to 199 days	44	18	85	86	69	74	95
200 days or more	91	47	197	284	279	354	430
Not reported	25	6	27	41	35	32	43
Operators by years on present farm:							
2 years or less	13	5	12	23	13	24	40
3 or 4 years	14	8	31	43	43	40	53
5 to 9 years	50	20	79	87	75	91	108
10 years or more	236	104	392	465	423	486	580
Average years on present farm	21.5	21.0	20.6	21.7	21.0	21.6	19.3
Not reported	45	16	86	89	110	80	114
Operators by age group:							
Under 25 years	3	–	7	2	2	6	5
25 to 34 years	17	11	30	30	25	32	35
35 to 44 years	87	27	111	116	110	119	164
45 to 49 years	50	20	88	84	78	85	135
50 to 54 years	32	20	82	101	97	98	154
55 to 59 years	37	19	61	88	64	86	112
60 to 64 years	29	13	48	63	76	66	79
65 to 69 years	33	11	56	54	68	78	66
70 years and over	70	32	117	169	144	151	145
Average age	54.4	55.4	55.2	57.0	57.0	56.7	54.6
Operators by sex:							
Male	313	129	502	584	536	575	650
Female	45	24	98	123	128	146	245
Operators of Spanish, Hispanic, or Latino origin (see text)	3	1	2	3	3	6	7
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	282	125	512	633	591	679	826
acres	22 048	8 084	33 525	46 651	36 242	35 792	39 320
Partnership ... farms	35	16	30	39	46	20	36
acres	4 416	821	3 209	2 583	3 296	921	3 691
Corporation:							
Family held ... farms	30	9	41	24	16	14	24
acres	3 266	223	5 903	1 824	1 277	811	1 600
More than 10 stockholders ... farms	–	–	–	–	1	–	–
10 or less stockholders ... farms	30	9	41	24	15	14	24
Other than family held ... farms	3	1	6	2	1	3	5
acres	(D)	(D)	1 306	(D)	(D)	(D)	(D)
More than 10 stockholders ... farms	–	–	1	–	–	–	–
10 or less stockholders ... farms	3	1	5	2	1	3	5
Other—cooperative, estate or trust, institutional, etc. ... farms	8	2	11	9	10	5	4
acres	(D)	(D)	1 532	(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
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	58	3	3	4	9	8	4
number..	66	5	(D)	5	9	10	4
Hired workers ..... farms..	86	15	16	17	12	5	2
number..	126	29	28	23	18	5	(D)
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Hired workers ..... farms..	2	1	–	1	–	–	–
number..	(D)	(D)	–	(D)	–	–	–
FARMS BY SIZE							
1 to 9 acres	1 254	7	11	21	58	91	37
10 to 49 acres	1 865	10	12	24	115	153	52
50 to 69 acres	485	3	5	14	45	46	13
70 to 99 acres	479	5	3	21	47	39	12
100 to 139 acres	456	4	5	21	52	29	10
140 to 179 acres	270	2	10	10	28	24	7
180 to 219 acres	206	4	8	16	34	22	5
220 to 259 acres	117	5	11	6	20	20	6
260 to 499 acres	291	11	22	39	59	32	3
500 to 999 acres	121	10	9	28	22	10	4
1,000 to 1,999 acres	26	10	2	3	3	2	–
2,000 acres or more	4	3	–	–	1	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	82	–	–	–	4	4	2
Vegetable and melon farming (1112)	625	5	7	26	62	92	21
Fruit and tree nut farming (1113)	865	26	33	62	168	114	36
Greenhouse, nursery, and floriculture production (1114)	1 044	26	25	37	95	117	44
Other crop farming (1119)	1 076	7	9	9	21	40	14
Tobacco farming (11191)	47	6	8	6	11	11	2
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	1	1	3	10	29	12
Beef cattle ranching and farming (112111)	472	–	1	1	2	2	–
Cattle feedlots (112112)	49	–	–	–	–	–	–
Dairy cattle and milk production (11212)	338	4	17	61	115	77	14
Hog and pig farming (1122)	118	–	1	1	–	5	5
Poultry and egg production (1123)	115	4	2	4	7	6	6
Sheep and goat farming (1124)	163	–	–	–	–	2	2
Animal aquaculture and other animal production (1125, 1129)	627	2	3	2	10	9	5
LIVESTOCK							
Cattle and calves inventory ..... farms..	1 420	6	23	74	140	110	24
number..	61 719	3 949	6 643	14 411	13 897	6 070	834
Farms with—							
1 to 9	545	1	3	3	10	8	3
10 to 49	535	–	–	7	11	34	15
50 to 99	178	–	3	3	52	63	5
100 to 199	95	–	1	25	58	4	1
200 to 499	59	1	12	36	9	1	–
500 or more	8	4	4	–	–	–	–
Cows and heifers that had calved ..... farms..	1 173	6	22	72	131	102	20
number..	33 704	2 316	3 884	7 991	8 519	3 380	475
Beef cows ..... farms..	799	2	5	15	18	32	8
number..	6 858	(D)	(D)	230	126	374	95
Farms with—							
1 to 9	564	1	3	9	14	21	6
10 to 49	226	1	2	5	4	10	1
50 to 99	8	–	–	–	–	1	1
100 to 199	1	–	–	1	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	483	5	19	62	120	77	15
number..	26 846	(D)	(D)	7 761	8 393	3 006	380
Farms with—							
1 to 4	129	–	1	–	1	1	1
5 to 9	20	–	–	–	–	–	–
10 to 49	143	–	1	1	27	60	14
50 to 99	103	–	1	14	72	16	–
100 to 199	67	1	4	42	20	–	–
200 to 499	19	2	12	5	–	–	–
500 or more	2	2	–	–	–	–	–
Heifers and heifer calves ..... farms..	979	5	18	68	122	89	19
number..	22 688	1 573	2 228	5 865	5 010	2 193	296
Steers, steer calves, bulls, and bull calves ..... farms..	902	4	15	49	69	61	14
number..	5 327	60	531	555	368	497	63

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..	4	1	3	2	6	2	9
number..	4	(D)	3	(D)	6	(D)	10
Hired workers ..... farms..	2	1	6	3	5	1	1
number..	(D)	(D)	7	(D)	5	(D)	(D)
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Hired workers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
FARMS BY SIZE							
1 to 9 acres	73	43	166	161	159	181	246
10 to 49 acres	134	51	188	233	237	291	365
50 to 69 acres	28	15	41	63	60	76	76
70 to 99 acres	20	9	35	75	61	59	93
100 to 139 acres	33	11	73	73	51	37	57
140 to 179 acres	19	11	28	39	42	31	19
180 to 219 acres	12	6	21	21	26	19	12
220 to 259 acres	4	1	13	8	5	9	9
260 to 499 acres	26	6	25	26	15	17	10
500 to 999 acres	8	–	9	6	7	1	7
1,000 to 1,999 acres	1	–	1	2	1	–	1
2,000 acres or more	–	–	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	8	4	16	13	10	11	10
Vegetable and melon farming (1112)	65	40	124	105	49	22	7
Fruit and tree nut farming (1113)	60	18	89	71	54	58	76
Greenhouse, nursery, and floriculture production (1114)	89	39	131	97	124	106	114
Other crop farming (1119)	46	28	139	222	198	213	130
Tobacco farming (11191)	2	–	–	–	1	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	44	28	139	222	197	213	130
Beef cattle ranching and farming (112111)	15	3	27	71	94	126	130
Cattle feedlots (112112)	–	–	6	6	18	15	4
Dairy cattle and milk production (11212)	27	6	6	3	–	2	6
Hog and pig farming (1122)	9	5	17	27	20	16	12
Poultry and egg production (1123)	13	2	4	2	8	18	39
Sheep and goat farming (1124)	–	–	1	19	27	72	40
Animal aquaculture and other animal production (1125, 1129)	26	8	40	71	62	62	327
LIVESTOCK							
Cattle and calves inventory ..... farms..	81	30	120	204	190	201	217
number..	2 399	964	2 835	3 254	2 914	2 062	1 487
Farms with—							
1 to 9	23	8	41	75	84	108	178
10 to 49	38	12	65	122	100	93	38
50 to 99	19	10	11	7	5	–	–
100 to 199	1	–	3	–	1	–	1
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Cows and heifers that had calved ..... farms..	72	23	88	165	142	168	162
number..	1 221	447	1 055	1 466	1 240	1 081	629
Beef cows ..... farms..	47	17	76	151	132	155	141
number..	670	318	896	1 408	1 136	992	540
Farms with—							
1 to 9	27	8	45	88	85	122	135
10 to 49	19	7	29	63	46	33	6
50 to 99	1	2	2	–	1	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	38	8	23	25	25	34	32
number..	551	129	159	58	104	89	89
Farms with—							
1 to 4	9	2	16	22	22	29	25
5 to 9	–	–	3	3	2	5	7
10 to 49	29	6	4	–	1	–	–
50 to 99	–	–	–	–	–	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	57	22	81	134	127	114	123
number..	852	354	1 219	942	1 097	581	478
Steers, steer calves, bulls, and bull calves ..... farms..	54	23	83	136	139	127	128
number..	326	163	561	846	577	400	380

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..	1 158	5	22	72	136	105	21
number..	24 849	1 263	3 473	5 425	5 590	2 689	329
$1,000..	6 424	200	964	1 117	1 015	629	75
Calves ..... farms..	674	5	19	60	121	83	15
number..	13 485	894	1 787	3 113	3 586	1 481	161
$1,000..	814	(D)	77	102	131	54	(D)
Cattle ..... farms..	970	5	20	66	126	95	20
number..	11 364	369	1 686	2 312	2 004	1 208	168
$1,000..	5 610	(D)	887	1 015	884	575	(D)
Fattened on grain and concentrates .... farms..	117	–	1	3	5	2	–
number..	1 158	–	(D)	(D)	49	(D)	–
$1,000..	834	–	(D)	(D)	28	(D)	–
Hogs and pigs inventory ..... farms..	383	1	5	7	8	18	11
number..	18 297	(D)	(D)	(D)	(D)	2 076	1 804
Farms with—							
1 to 24	286	–	3	5	6	10	4
25 to 49	35	1	–	1	–	2	2
50 to 99	21	–	–	–	1	1	–
100 to 199	17	–	–	–	–	2	–
200 to 499	15	–	1	–	–	1	3
500 or more	9	–	1	1	1	2	2
Used or to be used for breeding ..... farms..	177	–	2	–	3	9	9
number..	2 388	–	(D)	–	(D)	363	305
Other ..... farms..	351	1	5	7	7	16	10
number..	15 909	(D)	(D)	(D)	(D)	1 713	1 499
Hogs and pigs sold..... farms..	269	1	3	5	5	13	7
number..	23 636	(D)	(D)	(D)	(D)	3 055	2 403
$1,000..	2 265	(D)	(D)	(D)	(D)	306	217
Feeder pigs ..... farms..	66	–	–	–	–	4	1
number..	4 070	–	–	–	–	326	(D)
$1,000..	153	–	–	–	–	15	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	180	–	2	–	3	9	9
number..	2 795	–	(D)	–	(D)	373	295
Dec. 1 and May 31..... farms..	154	–	2	–	3	9	9
number..	1 457	–	(D)	–	(D)	202	150
June 1 and Nov. 30 ..... farms..	132	–	2	–	2	9	7
number..	1 338	–	(D)	–	(D)	171	145
Sheep and lambs of all ages inventory..... farms..	431	–	2	9	8	15	9
number..	8 348	–	(D)	217	109	(D)	118
Ewes 1 year old or older ..... farms..	364	–	1	7	4	13	5
number..	5 374	–	(D)	124	(D)	50	47
Sheep and lambs sold..... farms..	350	–	2	6	4	9	4
number..	6 756	–	(D)	147	(D)	69	63
Sheep and lambs shorn ..... farms..	335	–	1	4	4	10	4
number..	6 843	–	(D)	120	74	56	(D)
pounds of wool..	51 056	–	(D)	739	(D)	443	269
Horses and ponies inventory ..... farms..	1 196	3	9	11	32	33	19
number..	9 410	12	94	34	207	232	221
Horses and ponies sold..... farms..	232	–	1	1	6	6	5
number..	1 642	–	(D)	(D)	175	52	32
Goats inventory ..... farms..	238	1	–	6	7	7	3
number..	2 490	(D)	–	27	20	339	(D)
Goats sold ..... farms..	79	–	–	1	–	3	3
number..	850	–	–	(D)	–	(D)	(D)
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	3	5	7	18	21	11
number..	682 853	(D)	(D)	(D)	(D)	(D)	18 930
Farms with—							
1 to 399	481	–	2	5	16	19	8
400 to 3,199	17	–	–	–	2	1	–
3,200 to 9,999.....	5	–	1	–	–	1	3
10,000 to 19,999	1	–	–	1	–	–	–
20,000 to 49,999	3	–	2	1	–	–	–
50,000 to 99,999	1	1	–	–	–	–	–
100,000 or more	2	2	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	497	3	5	7	16	21	11
number..	556 206	397 592	(D)	(D)	1 986	8 747	18 930
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	2	–	1	2	1	–
number..	126 647	(D)	–	(D)	(D)	(D)	–
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	3	3	2	3	5	4
number..	(D)	340 000	(D)	(D)	(D)	15 700	16 418
Broilers and other meat-type chickens sold .. farms..	41	–	–	3	2	1	1
number..	(D)	–	–	(D)	(D)	(D)	(D)
Farms with—							
1 to 1,999.....	37	–	–	–	1	1	1
2,000 to 59,999.....	3	–	–	2	1	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	1	–	–	1	–	–	–
Turkey hens kept for breeding ..... farms..	22	1	–	1	–	1	–
number..	1 991	(D)	–	(D)	–	(D)	–
Turkeys sold ..... farms..	70	1	–	4	6	4	1
number..	93 226	(D)	–	(D)	32 035	18 840	(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
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	71	29	102	174	166	172	83
number..	1 300	293	1 268	1 315	1 094	654	156
$1,000..	494	129	573	563	402	220	44
Calves ..... farms..	47	16	44	64	81	79	40
number..	674	89	393	423	486	310	88
$1,000..	85	16	63	91	91	60	12
Cattle ..... farms..	64	23	80	152	135	130	54
number..	626	204	875	892	608	344	68
$1,000..	408	113	510	472	311	159	32
Fattened on grain and concentrates .... farms..	4	4	13	30	31	20	4
number..	(D)	25	134	102	100	42	4
$1,000..	29	16	91	70	64	22	2
Hogs and pigs inventory ..... farms..	28	15	48	68	61	54	59
number..	2 119	753	3 009	2 178	665	392	258
Farms with—							
1 to 24	16	7	27	47	53	50	58
25 to 49	2	3	4	9	7	3	1
50 to 99	2	4	6	6	–	1	–
100 to 199	4	–	8	2	1	–	–
200 to 499	3	1	2	4	–	–	–
500 or more	1	–	1	–	–	–	–
Used or to be used for breeding ..... farms..	16	11	29	36	26	22	14
number..	192	138	454	431	133	80	41
Other ..... farms..	26	15	43	62	55	46	58
number..	1 927	615	2 555	1 747	532	312	217
Hogs and pigs sold..... farms..	19	11	42	57	49	39	18
number..	2 537	1 219	3 734	2 277	760	393	89
$1,000..	290	110	262	192	76	35	8
Feeder pigs ..... farms..	6	5	16	15	9	6	4
number..	(D)	381	1 817	956	165	102	42
$1,000..	(D)	15	60	38	5	4	1
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	16	11	30	36	27	23	14
number..	281	181	516	445	140	69	38
Dec. 1 and May 31..... farms..	13	9	24	27	24	20	14
number..	142	91	251	248	77	39	28
June 1 and Nov. 30 ..... farms..	11	11	28	30	15	12	5
number..	139	90	265	197	63	30	10
Sheep and lambs of all ages inventory..... farms..	21	13	39	64	65	117	69
number..	434	142	799	1 677	1 327	2 058	844
Ewes 1 year old or older ..... farms..	18	9	32	56	56	106	57
number..	258	94	367	1 164	803	1 434	539
Sheep and lambs sold..... farms..	17	11	25	67	56	103	46
number..	342	178	587	1 865	979	1 565	370
Sheep and lambs shorn ..... farms..	16	9	23	58	47	102	57
number..	343	99	411	1 435	980	1 884	678
pounds of wool..	2 536	670	3 030	10 078	7 135	14 629	5 503
Horses and ponies inventory ..... farms..	48	23	98	157	157	163	443
number..	540	150	709	1 315	1 114	956	3 826
Horses and ponies sold..... farms..	19	5	32	62	45	41	9
number..	151	(D)	72	163	78	60	9
Goats inventory ..... farms..	11	5	22	30	43	54	49
number..	69	22	278	258	511	375	273
Goats sold ..... farms..	3	2	7	14	18	22	6
number..	15	(D)	153	145	200	119	23
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	27	19	41	80	87	99	92
number..	(D)	(D)	5 687	2 452	3 382	2 269	1 930
Farms with—							
1 to 399	21	15	38	80	86	99	92
400 to 3,199	6	4	3	–	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	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	27	16	39	79	83	98	92
number..	7 194	3 441	5 336	2 140	2 778	2 120	1 662
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	3	8	9	9	17	11	13
number..	(D)	(D)	351	312	604	149	268
Layers, pullets, and pullet chicks sold (see text)..... farms..	10	4	12	12	14	11	5
number..	4 528	(D)	1 704	1 405	788	209	(D)
Broilers and other meat-type chickens sold .. farms..	2	1	3	12	7	6	3
number..	(D)	(D)	181	1 378	230	200	198
Farms with—							
1 to 1,999.....	2	1	3	12	7	6	3
2,000 to 59,999.....	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	2	1	1	4	2	5	4
number..	(D)	(D)	(D)	11	(D)	36	(D)
Turkeys sold ..... farms..	4	4	11	3	10	15	7
number..	4 250	475	435	78	205	479	91

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 silage or green chop ..... farms..	403	5	15	64	94	61	10
acres..	22 813	2 450	2 932	6 525	5 249	2 508	374
tons, green..	445 811	42 200	59 733	130 138	115 350	44 338	6 483
Irrigated ..... farms..	8	–	–	1	–	1	1
acres..	49	–	–	(D)	–	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	169	–	–	6	22	22	2
25 to 99 acres	157	–	4	23	56	32	7
100 to 249 acres	68	2	6	35	15	7	1
250 to 499 acres	6	–	5	–	1	–	–
500 acres or more	3	3	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	93	4	3	5	13	18	3
acres..	2 964	1 760	547	(D)	253	173	(D)
cwt..	789 847	503 000	143 250	(D)	58 505	34 613	275
Irrigated ..... farms..	40	2	–	3	2	8	3
acres..	400	(D)	–	5	(D)	48	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	64	–	–	4	5	9	3
5.0 to 24.9 acres	17	1	–	–	5	7	–
25.0 to 99.9 acres	6	–	1	–	3	2	–
100.0 to 249.9 acres	2	–	1	1	–	–	–
250.0 acres or more	4	3	1	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	7	25	72	151	145	43
acres..	100 218	1 510	3 804	9 984	14 521	13 038	3 047
tons, dry..	181 885	4 393	8 830	20 476	31 424	26 467	4 963
Irrigated ..... farms..	31	–	–	–	3	2	–
acres..	490	–	–	–	67	(D)	–
Farms by acres harvested:							
1 to 24 acres	1 077	2	4	14	29	36	14
25 to 99 acres	805	–	7	15	59	66	20
100 to 249 acres	237	1	8	30	54	33	8
250 to 499 acres	45	4	5	13	9	8	–
500 acres or more	4	–	1	–	–	2	1
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	5	15	53	99	104	33
acres..	57 130	949	1 195	4 036	6 811	7 235	2 128
tons, dry..	102 752	2 879	3 018	8 327	15 523	14 651	3 370
Irrigated ..... farms..	14	–	–	–	3	1	–
acres..	93	–	–	–	62	(D)	–
Vegetables harvested for sale (see text) .... farms..	935	6	21	46	118	149	34
acres..	16 039	654	2 062	3 154	4 085	2 848	448
Irrigated ..... farms..	403	4	7	30	64	71	16
acres..	5 721	363	477	1 700	1 407	904	163
Farms by acres harvested:							
0.1 to 4.9 acres	429	–	4	3	14	23	11
5.0 to 24.9 acres	322	2	1	8	43	80	16
25.0 to 99.9 acres	158	1	8	24	57	46	7
100.0 to 249.9 acres	23	2	7	10	4	–	–
250.0 acres or more	3	1	1	1	–	–	–
Sweet corn harvested for sale ..... farms..	500	3	12	34	78	90	23
acres..	6 800	167	517	1 538	2 098	1 210	195
Irrigated ..... farms..	206	2	2	23	38	42	11
acres..	2 623	(D)	(D)	884	774	480	91
Land in orchards ..... farms..	431	–	7	23	47	37	14
acres..	6 546	–	953	1 174	2 231	635	89
Irrigated ..... farms..	73	–	2	7	12	6	7
acres..	584	–	(D)	117	148	39	16
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	228	–	–	5	8	9	9
5.0 to 24.9 acres	134	–	1	5	10	17	4
25.0 to 99.9 acres	55	–	2	9	23	11	1
100.0 to 249.9 acres	13	–	3	4	6	–	–
250.0 acres or more	1	–	1	–	–	–	–
Berries harvested for sale ..... farms..	969	28	37	75	177	141	52
acres..	15 047	6 272	1 847	1 869	2 666	1 056	256
Irrigated ..... farms..	733	28	32	68	156	117	48
acres..	14 275	6 272	1 812	1 858	2 510	902	247

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 silage or green chop ..... farms..	27	11	36	35	25	12	8
acres..	834	367	588	470	387	90	39
tons, green..	15 520	6 580	11 009	7 182	5 343	1 289	646
Irrigated ..... farms..	–	–	2	–	2	1	–
acres..	–	–	(D)	–	(D)	(D)	–
Farms by acres harvested:							
1 to 24 acres	10	5	30	31	22	11	8
25 to 99 acres	16	5	6	4	3	1	–
100 to 249 acres	1	1	–	–	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	8	5	12	10	3	8	1
acres..	12	(D)	27	4	(D)	7	(D)
cwt..	1 870	(D)	3 377	600	(D)	848	(D)
Irrigated ..... farms..	3	1	4	5	1	7	1
acres..	3	(D)	4	(D)	(D)	7	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	7	4	10	10	3	8	1
5.0 to 24.9 acres	1	1	2	–	–	–	–
25.0 to 99.9 acres	–	–	–	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	121	56	224	348	319	337	320
acres..	8 129	3 131	11 528	11 791	8 835	6 208	4 692
tons, dry..	16 341	5 906	21 161	19 069	11 010	7 078	4 767
Irrigated ..... farms..	4	1	4	4	6	3	4
acres..	(D)	(D)	20	8	24	7	15
Farms by acres harvested:							
1 to 24 acres	36	20	61	139	200	253	269
25 to 99 acres	51	25	133	190	108	81	50
100 to 249 acres	31	11	29	19	9	3	1
250 to 499 acres	3	–	1	–	2	–	–
500 acres or more	–	–	–	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	76	41	162	246	218	229	190
acres..	4 625	2 306	7 498	8 118	5 627	4 088	2 514
tons, dry..	8 942	4 292	13 559	13 003	7 359	4 985	2 844
Irrigated ..... farms..	–	1	1	1	3	2	2
acres..	–	(D)	(D)	(D)	12	(D)	(D)
Vegetables harvested for sale (see text) .... farms..	105	57	155	127	69	33	15
acres..	912	441	877	370	140	36	13
Irrigated ..... farms..	41	18	56	47	25	16	8
acres..	251	131	186	87	33	12	8
Farms by acres harvested:							
0.1 to 4.9 acres	39	23	93	108	65	32	14
5.0 to 24.9 acres	59	32	56	19	4	1	1
25.0 to 99.9 acres	7	2	6	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	54	28	76	57	35	6	4
acres..	422	177	274	150	43	4	5
Irrigated ..... farms..	20	5	24	21	14	2	2
acres..	121	(D)	81	23	11	(D)	(D)
Land in orchards ..... farms..	32	8	42	56	39	46	80
acres..	349	94	264	250	111	186	211
Irrigated ..... farms..	5	2	5	7	6	5	9
acres..	56	(D)	19	9	11	21	13
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	12	4	21	33	28	35	64
5.0 to 24.9 acres	15	2	20	22	11	11	16
25.0 to 99.9 acres	5	2	1	1	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Berries harvested for sale ..... farms..	79	31	104	93	60	45	47
acres..	272	91	357	182	81	69	30
Irrigated ..... farms..	61	23	81	58	34	14	13
acres..	234	82	216	87	34	18	5

[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..	5 574	82	625	865	1 044	1 076	47	–	1 029
percent..	100.0	1.5	11.2	15.5	18.7	19.3	.8	–	18.5
Land in farms ..... acres..	518 299	14 838	40 979	84 889	36 138	123 761	4 637	–	119 124
Average size of farm ..... acres..	93	181	66	98	35	115	99	–	116
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms..	5 574	82	625	865	1 044	1 076	47	–	1 029
$1,000..	454 404	1 625	42 994	147 112	126 115	38 073	24 313	–	13 760
Average per farm ..... dollars..	81 522	19 813	68 790	170 071	120 799	35 384	517 300	–	13 372
Farms by value of sales:									
Less than $1,000 (see text)	895	10	7	76	114	130	–	–	130
$1,000 to $2,499	721	11	22	58	106	213	–	–	213
$2,500 to $4,999	664	10	49	54	124	198	1	–	197
$5,000 to $9,999	707	13	105	71	97	222	–	–	222
$10,000 to $19,999	600	16	124	89	131	139	–	–	139
$20,000 to $24,999	153	4	40	18	39	28	–	–	28
$25,000 to $39,999	358	8	65	60	89	46	2	–	44
$40,000 to $49,999	149	2	21	36	44	14	2	–	12
$50,000 to $99,999	468	4	92	114	117	40	11	–	29
$100,000 to $249,999	484	4	62	168	95	21	11	–	10
$250,000 to $499,999	203	–	26	62	37	9	6	–	3
$500,000 to $999,999	98	–	7	33	25	9	8	–	1
$1,000,000 to $2,499,999	53	–	4	20	18	3	2	–	1
$2,500,000 to $4,999,999	16	–	1	4	5	4	4	–	–
$5,000,000 or more	5	–	–	2	3	–	–	–	–
Grains ..... farms..	81	23	23	1	2	20	1	–	19
$1,000..	1 310	622	157	(D)	(D)	92	(D)	–	(D)
Sales of $50,000 or more ..... farms..	8	4	1	–	–	–	–	–	–
$1,000..	847	425	(D)	–	–	–	–	–	–
Corn for grain ..... farms..	58	19	10	1	2	15	1	–	14
$1,000..	1 180	513	141	(D)	(D)	(D)	(D)	–	(D)
Wheat ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Soybeans ..... farms..	5	5	–	–	–	–	–	–	–
$1,000..	(D)	(D)	–	–	–	–	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Oats ..... farms..	2	1	–	–	–	1	–	–	1
$1,000..	(D)	(D)	–	–	–	(D)	–	–	(D)
Other grains ..... farms..	23	5	13	–	–	4	–	–	4
$1,000..	76	(D)	17	–	–	3	–	–	3
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Tobacco ..... farms..	68	1	8	–	–	55	47	–	8
$1,000..	23 807	(D)	917	–	–	22 715	21 899	–	816
Sales of $50,000 or more ..... farms..	50	–	5	–	–	44	40	–	4
$1,000..	23 397	–	(D)	–	–	22 440	21 667	–	773
Hay, silage, and field seeds ..... farms..	1 435	58	111	35	69	904	7	–	897
$1,000..	11 056	832	663	81	295	6 706	40	–	6 666
Sales of $50,000 or more ..... farms..	34	4	2	–	–	18	–	–	18
$1,000..	2 949	(D)	(D)	–	–	1 315	–	–	1 315
Vegetables, sweet corn, and melons ..... farms..	931	6	613	60	88	114	20	–	94
$1,000..	37 438	39	30 302	884	2 254	3 313	1 474	–	1 839
Sales of $50,000 or more ..... farms..	198	–	160	4	12	19	9	–	10
$1,000..	28 238	–	23 800	319	1 356	2 464	1 290	–	1 174
Fruits, nuts, and berries ..... farms..	1 142	3	152	840	53	60	5	–	55
$1,000..	148 247	(D)	1 222	145 809	537	587	(D)	–	(D)
Sales of $50,000 or more ..... farms..	407	–	3	399	4	1	–	–	1
$1,000..	140 561	–	(D)	139 909	278	(D)	–	–	(D)
Nursery and greenhouse crops ..... farms..	1 375	–	168	35	1 044	88	5	–	83
$1,000..	128 192	–	3 548	210	122 720	1 652	(D)	–	(D)
Sales of $50,000 or more ..... farms..	311	–	23	–	281	7	1	–	6
$1,000..	116 922	–	2 211	–	113 563	1 148	(D)	–	(D)
Other crops ..... farms..	300	6	74	9	10	161	9	–	152
$1,000..	7 326	17	5 681	(D)	(D)	1 317	246	–	1 071
Sales of $50,000 or more ..... farms..	13	–	10	–	–	3	1	–	2
$1,000..	5 886	–	5 470	–	–	416	(D)	–	(D)
Poultry and poultry products ..... farms..	375	3	44	16	20	46	–	–	46
$1,000..	15 900	1	32	13	98	83	–	–	83
Sales of $50,000 or more ..... farms..	24	–	–	–	1	–	–	–	–
$1,000..	14 853	–	–	–	(D)	–	–	–	–
Dairy products ..... farms..	353	1	3	–	–	8	2	–	6
$1,000..	59 773	(D)	(D)	–	–	656	(D)	–	(D)
Sales of $50,000 or more ..... farms..	275	–	2	–	–	4	2	–	2
$1,000..	57 788	–	(D)	–	–	618	(D)	–	(D)
Cattle and calves ..... farms..	1 158	26	43	12	16	189	4	–	185
$1,000..	6 424	73	173	32	25	564	15	–	549
Sales of $50,000 or more ..... farms..	11	–	–	–	–	–	–	–	–
$1,000..	1 526	–	–	–	–	–	–	–	–

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..	472	49	338	118	115	163	627
percent..	8.5	.9	6.1	2.1	2.1	2.9	11.2
Land in farms ..... acres..	56 288	4 282	108 582	7 356	6 380	8 510	26 296
Average size of farm ..... acres..	119	87	321	62	55	52	42
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	472	49	338	118	115	163	627
$1,000..	3 447	205	64 186	2 432	15 768	658	11 790
Average per farm ..... dollars..	7 302	4 191	189 901	20 609	137 114	4 035	18 803
Farms by value of sales:							
Less than $1,000 (see text)	130	4	6	12	39	40	327
$1,000 to $2,499	126	15	2	16	18	72	62
$2,500 to $4,999	94	18	–	20	8	27	62
$5,000 to $9,999	71	6	3	27	2	19	71
$10,000 to $19,999	27	6	6	17	4	1	40
$20,000 to $24,999	3	–	6	5	2	–	8
$25,000 to $39,999	15	–	27	9	13	–	26
$40,000 to $49,999	–	–	14	5	6	2	5
$50,000 to $99,999	2	–	77	5	6	2	9
$100,000 to $249,999	2	–	115	–	7	–	10
$250,000 to $499,999	1	–	61	1	4	–	2
$500,000 to $999,999	1	–	17	1	2	–	3
$1,000,000 to $2,499,999	–	–	4	–	3	–	1
$2,500,000 to $4,999,999	–	–	–	–	1	–	1
$5,000,000 or more	–	–	–	–	–	–	–
Grains ..... farms..	1	–	4	5	2	–	–
$1,000..	(D)	–	288	(D)	(D)	–	–
Sales of $50,000 or more ..... farms..	–	–	2	1	–	–	–
$1,000..	–	–	(D)	(D)	–	–	–
Corn for grain ..... farms..	1	–	4	4	2	–	–
$1,000..	(D)	–	288	(D)	(D)	–	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other grains ..... farms..	–	–	–	1	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	1	–	3	–	–	–	–
$1,000..	(D)	–	82	–	–	–	–
Sales of $50,000 or more ..... farms..	1	–	–	–	–	–	–
$1,000..	(D)	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	99	7	84	14	11	12	31
$1,000..	293	10	1 950	70	58	10	87
Sales of $50,000 or more ..... farms..	–	–	10	–	–	–	–
$1,000..	–	–	1 186	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	6	1	20	4	13	1	5
$1,000..	(D)	(D)	383	34	91	(D)	10
Sales of $50,000 or more ..... farms..	1	–	1	–	1	–	–
$1,000..	(D)	–	(D)	–	(D)	–	–
Fruits, nuts, and berries ..... farms..	2	–	9	1	8	6	8
$1,000..	(D)	–	37	(D)	(D)	5	33
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms..	9	3	7	–	3	10	8
$1,000..	17	(D)	19	–	(D)	3	24
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other crops ..... farms..	6	1	23	1	1	2	6
$1,000..	13	(D)	202	(D)	(D)	(D)	6
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Poultry and poultry products ..... farms..	42	7	12	17	114	32	22
$1,000..	25	3	32	27	15 562	10	14
Sales of $50,000 or more ..... farms..	–	–	–	–	23	–	–
$1,000..	–	–	–	–	(D)	–	–
Dairy products ..... farms..	5	1	332	–	1	1	1
$1,000..	(D)	(D)	58 718	–	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	2	–	267	–	–	–	–
$1,000..	(D)	–	56 796	–	–	–	–
Cattle and calves ..... farms..	410	49	332	42	8	10	21
$1,000..	2 570	176	2 430	291	5	7	79
Sales of $50,000 or more ..... farms..	4	–	5	1	–	–	1
$1,000..	936	–	(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	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..	269	1	17	3	4	31	–	–	31
$1,000..	2 265	(D)	21	3	2	256	–	–	256
Sales of $50,000 or more ..... farms..	7	–	–	–	–	2	–	–	2
$1,000..	905	–	–	–	–	(D)	–	–	(D)
Sheep, lambs, and wool ..... farms..	396	6	38	15	27	60	–	–	60
$1,000..	475	9	(D)	10	7	36	–	–	36
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	1	39	33	13	50	1	–	49
$1,000..	12 190	(D)	41	61	101	96	(D)	–	(D)
Sales of $50,000 or more ..... farms..	26	–	–	–	–	–	–	–	–
$1,000..	9 298	–	–	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 226	12	412	236	101	168	9	–	159
$1,000..	19 825	35	8 988	5 141	1 547	1 033	56	–	977
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	5 565	116	627	929	1 072	947	53	–	894
$1,000..	311 068	1 681	25 976	88 205	80 049	25 706	14 918	–	10 788
Average per farm ..... dollars..	55 897	14 491	41 429	94 946	74 673	27 144	281 475	–	12 067
Livestock and poultry purchased ..... farms..	1 075	8	85	13	34	159	8	–	151
$1,000..	7 408	5	75	33	31	335	75	–	261
Farms with expenses of—									
$1 to $4,999	831	8	82	12	33	145	–	–	145
$5,000 to $24,999	180	–	3	1	1	12	8	–	4
$25,000 to $99,999	52	–	–	–	–	2	–	–	2
$100,000 to $249,999	8	–	–	–	–	–	–	–	–
$250,000 or more	4	–	–	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	2 161	47	136	64	85	339	5	–	334
$1,000..	31 880	43	320	77	111	724	120	–	604
Farms with expenses of—									
$1 to $4,999	1 590	47	127	56	82	324	–	–	324
$5,000 to $24,999	241	–	8	8	2	13	5	–	8
$25,000 to $99,999	259	–	1	–	1	1	–	–	1
$100,000 to $249,999	58	–	–	–	–	1	–	–	1
$250,000 or more	13	–	–	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	1 492	14	90	47	36	214	5	–	209
$1,000..	23 392	13	230	13	68	385	63	–	322
Farms with expenses of—									
$1 to $4,999	1 016	14	81	47	35	200	–	–	200
$5,000 to $24,999	238	–	8	–	–	13	5	–	8
$25,000 to $99,999	192	–	1	–	1	1	–	–	1
$100,000 or more	46	–	–	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	2 422	81	570	298	739	245	34	–	211
$1,000..	15 829	76	1 950	1 053	11 433	576	369	–	207
Farms with expenses of—									
$1 to $999	1 441	54	353	204	334	179	9	–	170
$1,000 to $4,999	603	26	145	46	209	44	12	–	32
$5,000 to $24,999	282	1	53	38	136	16	8	–	8
$25,000 to $49,999	47	–	11	7	24	4	3	–	1
$50,000 or more	49	–	8	3	36	2	2	–	–
Commercial fertilizer ..... farms..	3 478	66	627	858	698	462	53	–	409
$1,000..	10 273	190	1 761	2 527	1 245	1 856	1 158	–	698
Farms with expenses of—									
$1 to $4,999	3 061	53	567	764	656	407	19	–	388
$5,000 to $24,999	343	12	47	77	33	42	23	–	19
$25,000 to $49,999	49	1	8	13	7	4	3	–	1
$50,000 or more	25	–	5	4	2	9	8	–	1
Agricultural chemicals ..... farms..	2 425	65	435	835	572	184	51	–	133
$1,000..	8 299	66	1 103	4 990	708	671	490	–	181
Farms with expenses of—									
$1 to $4,999	2 123	64	401	663	556	150	24	–	126
$5,000 to $24,999	242	1	28	130	11	30	24	–	6
$25,000 to $49,999	37	–	5	26	1	2	1	–	1
$50,000 or more	23	–	1	16	4	2	2	–	–
Petroleum products ..... farms..	5 245	116	598	902	1 002	921	53	–	868
$1,000..	14 893	125	1 450	3 322	5 201	1 469	739	–	730
Farms with expenses of—									
$1 to $4,999	4 665	113	532	762	845	871	29	–	842
$5,000 to $24,999	498	3	56	121	115	43	17	–	26
$25,000 to $49,999	45	–	7	12	20	3	3	–	–
$50,000 or more	37	–	3	7	22	4	4	–	–
Gasoline and gasohol ..... farms..	4 313	104	519	790	783	734	51	–	683
$1,000..	4 901	37	534	1 545	897	526	184	–	342
Diesel fuel ..... farms..	3 107	77	341	496	466	639	43	–	596
$1,000..	3 264	54	425	639	583	400	144	–	255
Natural gas ..... farms..	246	1	38	59	91	3	1	–	2
$1,000..	1 096	(D)	72	50	843	(D)	(D)	–	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	67	403	662	725	644	53	–	591
$1,000..	5 631	(D)	419	1 088	2 877	(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)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	52	9	10	118	4	6	14
$1,000..	97	10	23	1 823	6	(D)	20
Sales of $50,000 or more ..... farms..	–	–	–	5	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Sheep, lambs, and wool ..... farms..	32	6	16	13	18	142	23
$1,000..	29	(D)	17	(D)	(D)	258	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	23	1	8	11	10	51	317
$1,000..	(D)	(D)	6	(D)	4	356	11 496
Sales of $50,000 or more ..... farms..	–	–	–	–	–	2	24
$1,000..	–	–	–	–	–	(D)	(D)
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	66	15	56	27	48	54	31
$1,000..	200	52	1 925	78	670	72	84
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	406	41	387	123	120	167	630
$1,000..	5 311	475	54 176	2 242	14 206	1 064	11 976
Average per farm ..... dollars..	13 082	11 588	139 989	18 226	118 387	6 373	19 010
Livestock and poultry purchased ..... farms..	148	41	193	89	109	88	108
$1,000..	703	101	3 242	255	1 270	36	1 322
Farms with expenses of—							
$1 to $4,999	114	32	83	86	71	88	77
$5,000 to $24,999	25	9	81	1	29	–	18
$25,000 to $99,999	8	–	22	2	7	–	11
$100,000 to $249,999	1	–	5	–	1	–	1
$250,000 or more	–	–	2	–	1	–	1
Feed for livestock and poultry ..... farms..	314	24	387	113	119	157	376
$1,000..	698	31	19 926	443	7 152	194	2 161
Farms with expenses of—							
$1 to $4,999	299	23	46	91	59	157	279
$5,000 to $24,999	13	1	84	20	13	–	79
$25,000 to $99,999	1	–	200	2	37	–	16
$100,000 to $249,999	1	–	51	–	3	–	2
$250,000 or more	–	–	6	–	7	–	–
Commercially mixed formula feeds ..... farms..	171	24	386	69	109	111	221
$1,000..	317	24	14 808	208	6 209	91	1 028
Farms with expenses of—							
$1 to $4,999	158	23	66	49	50	111	182
$5,000 to $24,999	12	1	140	19	13	–	32
$25,000 to $99,999	1	–	144	1	38	–	5
$100,000 or more	–	–	36	–	8	–	2
Seeds, bulbs, plants, and trees ..... farms..	84	5	272	27	33	25	43
$1,000..	45	1	620	20	12	3	40
Farms with expenses of—							
$1 to $999	69	5	127	24	32	25	35
$1,000 to $4,999	14	–	108	2	1	–	8
$5,000 to $24,999	1	–	36	1	–	–	–
$25,000 to $49,999	–	–	1	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Commercial fertilizer ..... farms..	198	9	285	28	32	50	165
$1,000..	260	7	2 261	59	10	17	81
Farms with expenses of—							
$1 to $4,999	184	9	147	27	32	50	165
$5,000 to $24,999	14	–	118	–	–	–	–
$25,000 to $49,999	–	–	15	1	–	–	–
$50,000 or more	–	–	5	–	–	–	–
Agricultural chemicals ..... farms..	57	16	175	25	6	9	46
$1,000..	68	1	652	19	10	3	9
Farms with expenses of—							
$1 to $4,999	55	16	134	24	5	9	46
$5,000 to $24,999	1	–	39	1	1	–	–
$25,000 to $49,999	1	–	2	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Petroleum products ..... farms..	371	37	384	123	101	162	528
$1,000..	356	36	1 855	193	230	55	603
Farms with expenses of—							
$1 to $4,999	369	37	244	121	89	162	520
$5,000 to $24,999	2	–	138	1	12	–	7
$25,000 to $49,999	–	–	2	1	–	–	–
$50,000 or more	–	–	–	–	–	–	1
Gasoline and gasohol ..... farms..	324	37	315	113	78	114	402
$1,000..	184	23	691	110	94	37	224
Diesel fuel ..... farms..	211	27	324	69	68	84	305
$1,000..	119	9	774	36	64	13	149
Natural gas ..... farms..	4	1	15	–	17	–	17
$1,000..	(D)	(D)	17	–	7	–	57
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	182	37	352	85	82	82	298
$1,000..	(D)	(D)	373	47	64	5	173

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..	3 690	57	354	605	719	540	43	–	497
$1,000..	7 715	36	581	1 653	2 035	348	114	–	234
Farms with expenses of—									
$1 to $999	2 299	44	203	336	432	448	22	–	426
$1,000 to $4,999	1 029	13	126	182	195	84	16	–	68
$5,000 to $24,999	332	–	24	78	79	8	5	–	3
$25,000 to $49,999	18	–	1	6	7	–	–	–	–
$50,000 or more	12	–	–	3	6	–	–	–	–
Hired farm labor ..... farms..	2 188	37	334	427	548	251	43	–	208
$1,000..	81 630	147	7 021	24 498	30 828	8 743	7 283	–	1 460
Farms with expenses of—									
$1 to $4,999	1 096	35	147	163	226	169	8	–	161
$5,000 to $24,999	553	–	110	115	169	46	16	–	30
$25,000 to $99,999	371	2	62	88	94	20	6	–	14
$100,000 to $249,999	109	–	13	43	29	11	8	–	3
$250,000 or more	59	–	2	18	30	5	5	–	–
Workers by days worked:									
150 days or more ..... farms..	988	4	144	234	279	64	22	–	42
workers..	4 635	7	516	1 290	1 660	410	323	–	87
Less than 150 days ..... farms..	1 933	36	308	380	472	245	42	–	203
workers..	9 295	127	1 686	2 366	2 742	1 181	673	–	508
Contract labor ..... farms..	690	12	81	323	100	35	9	–	26
$1,000..	7 276	12	233	4 394	1 639	135	109	–	26
Farms with expenses of—									
$1 to $999	221	1	40	68	23	18	–	–	18
$1,000 to $4,999	233	11	31	89	37	12	5	–	7
$5,000 to $24,999	160	–	8	116	22	3	2	–	1
$25,000 to $49,999	43	–	2	28	8	2	2	–	–
$50,000 or more	33	–	–	22	10	–	–	–	–
Repair and maintenance ..... farms..	4 716	93	586	804	874	792	52	–	740
$1,000..	22 779	243	2 173	7 534	3 966	2 564	714	–	1 850
Farms with expenses of—									
$1 to $4,999	3 879	88	482	640	701	704	33	–	671
$5,000 to $24,999	697	5	93	121	146	67	9	–	58
$25,000 to $49,999	98	–	8	27	16	17	7	–	10
$50,000 or more	42	–	3	16	11	4	3	–	1
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	44	120	361	179	100	23	–	77
$1,000..	7 089	37	491	5 086	724	163	106	–	57
Farms with expenses of—									
$1 to $999	530	20	59	129	121	63	9	–	54
$1,000 to $4,999	286	23	42	89	20	32	9	–	23
$5,000 to $24,999	186	1	17	94	33	4	4	–	–
$25,000 to $49,999	33	–	1	28	2	1	1	–	–
$50,000 or more	26	–	1	21	3	–	–	–	–
Interest ..... farms..	1 580	33	214	359	336	166	20	–	146
$1,000..	15 766	215	1 376	6 870	3 218	1 003	421	–	582
Farms with expenses of—									
$1 to $4,999	900	22	125	152	186	109	4	–	105
$5,000 to $24,999	562	11	80	149	125	51	12	–	39
$25,000 to $99,999	95	–	8	40	22	6	4	–	2
$100,000 or more	23	–	1	18	3	–	–	–	–
Secured by real estate ..... farms..	1 193	23	165	324	231	111	8	–	103
$1,000..	13 039	172	1 120	6 190	2 721	545	58	–	487
Farms with expenses of—									
$1 to $999	108	–	18	15	18	12	–	–	12
$1,000 to $4,999	520	12	79	123	72	54	3	–	51
$5,000 to $24,999	468	11	61	134	119	43	5	–	38
$25,000 to $49,999	52	–	5	23	13	1	–	–	1
$50,000 or more	45	–	2	29	9	1	–	–	1
Not secured by real estate ..... farms..	628	23	82	80	163	80	15	–	65
$1,000..	2 727	42	256	680	497	459	363	–	95
Farms with expenses of—									
$1 to $999	203	–	29	18	64	34	–	–	34
$1,000 to $4,999	295	23	28	34	87	35	5	–	30
$5,000 to $24,999	112	–	25	19	8	8	7	–	1
$25,000 to $49,999	12	–	–	6	3	1	1	–	–
$50,000 or more	6	–	–	3	1	2	2	–	–
Cash rent ..... farms..	900	25	197	75	136	124	28	–	96
$1,000..	6 393	54	615	2 631	913	757	569	–	188
Farms with expenses of—									
$1 to $4,999	709	24	167	49	106	106	18	–	88
$5,000 to $9,999	77	–	15	5	13	6	2	–	4
$10,000 to $24,999	68	1	10	4	9	5	2	–	3
$25,000 or more	46	–	5	17	8	7	6	–	1
Property taxes ..... farms..	5 138	116	535	862	970	887	51	–	836
$1,000..	19 915	316	1 494	6 103	3 134	2 582	166	–	2 415
Farms with expenses of—									
$1 to $4,999	4 217	102	469	621	804	760	46	–	714
$5,000 to $9,999	601	13	48	111	114	89	1	–	88
$10,000 to $24,999	253	1	15	101	38	36	3	–	33
$25,000 or more	67	–	3	29	14	2	1	–	1
All other farm production expenses ..... farms..	5 081	99	616	870	956	840	53	–	787
$1,000..	53 923	116	5 334	17 434	14 864	3 780	2 484	–	1 296
Farms with expenses of—									
$1 to $4,999	3 876	97	474	576	673	746	17	–	729
$5,000 to $24,999	849	2	103	183	189	79	24	–	55
$25,000 to $49,999	157	–	18	43	43	6	4	–	2
$50,000 to $99,999	97	–	11	30	18	2	1	–	1
$100,000 or more	102	–	10	38	33	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..	289	17	387	62	105	89	466
$1,000..	167	10	1 749	43	465	24	603
Farms with expenses of—							
$1 to $999	247	13	48	46	39	86	357
$1,000 to $4,999	41	4	220	15	46	3	100
$5,000 to $24,999	1	–	118	1	16	–	7
$25,000 to $49,999	–	–	1	–	2	–	1
$50,000 or more	–	–	–	–	2	–	1
Hired farm labor ..... farms..	94	16	220	23	39	24	175
$1,000..	253	7	6 790	136	1 828	7	1 371
Farms with expenses of—							
$1 to $4,999	87	16	50	18	22	24	139
$5,000 to $24,999	5	–	76	3	5	–	24
$25,000 to $99,999	2	–	83	2	8	–	10
$100,000 to $249,999	–	–	10	–	2	–	1
$250,000 or more	–	–	1	–	2	–	1
Workers by days worked:							
150 days or more ..... farms..	13	–	156	3	18	8	65
workers..	24	–	461	12	98	8	149
Less than 150 days ..... farms..	94	16	159	23	31	24	145
workers..	159	21	444	59	105	35	370
Contract labor ..... farms..	36	–	31	–	16	15	41
$1,000..	39	–	116	–	(D)	(D)	147
Farms with expenses of—							
$1 to $999	28	–	12	–	–	9	22
$1,000 to $4,999	8	–	13	–	13	6	13
$5,000 to $24,999	–	–	5	–	1	–	5
$25,000 to $49,999	–	–	1	–	1	–	1
$50,000 or more	–	–	–	–	1	–	–
Repair and maintenance ..... farms..	344	28	361	90	114	105	525
$1,000..	689	75	3 219	227	497	116	1 477
Farms with expenses of—							
$1 to $4,999	317	24	176	85	81	103	478
$5,000 to $24,999	24	4	158	4	30	2	43
$25,000 to $49,999	2	–	23	1	2	–	2
$50,000 or more	1	–	4	–	1	–	2
Customwork, machine hire, and rental of machinery and equipment..... farms..	28	5	98	9	14	5	98
$1,000..	10	3	341	9	81	4	138
Farms with expenses of—							
$1 to $999	28	4	32	8	4	3	59
$1,000 to $4,999	–	1	38	–	3	2	36
$5,000 to $24,999	–	–	27	1	7	–	2
$25,000 to $49,999	–	–	1	–	–	–	–
$50,000 or more	–	–	–	–	–	–	1
Interest ..... farms..	32	–	252	35	17	5	131
$1,000..	56	–	2 135	112	220	7	554
Farms with expenses of—							
$1 to $4,999	32	–	129	28	11	5	101
$5,000 to $24,999	–	–	107	7	4	–	28
$25,000 to $99,999	–	–	15	–	2	–	2
$100,000 or more	–	–	1	–	–	–	–
Secured by real estate ..... farms..	31	–	151	35	16	1	105
$1,000..	(D)	–	1 475	94	180	(D)	486
Farms with expenses of—							
$1 to $999	–	–	20	–	–	–	25
$1,000 to $4,999	31	–	52	35	10	1	51
$5,000 to $24,999	–	–	67	–	5	–	28
$25,000 to $49,999	–	–	9	–	–	–	1
$50,000 or more	–	–	3	–	1	–	–
Not secured by real estate ..... farms..	1	–	153	8	4	4	30
$1,000..	(D)	–	660	18	40	(D)	68
Farms with expenses of—							
$1 to $999	–	–	46	–	–	1	11
$1,000 to $4,999	1	–	58	8	2	3	16
$5,000 to $24,999	–	–	48	–	1	–	3
$25,000 to $49,999	–	–	1	–	1	–	–
$50,000 or more	–	–	–	–	–	–	–
Cash rent ..... farms..	39	4	197	28	9	2	64
$1,000..	68	1	1 229	36	(D)	(D)	57
Farms with expenses of—							
$1 to $4,999	35	4	119	27	7	2	63
$5,000 to $9,999	–	–	37	–	1	–	–
$10,000 to $24,999	3	–	34	–	1	–	1
$25,000 or more	1	–	7	1	–	–	–
Property taxes ..... farms..	403	41	354	113	113	154	590
$1,000..	1 326	152	1 676	357	394	471	1 908
Farms with expenses of—							
$1 to $4,999	361	30	248	100	83	132	507
$5,000 to $9,999	28	8	77	11	26	21	55
$10,000 to $24,999	2	3	24	2	4	–	27
$25,000 or more	12	–	5	–	–	1	1
All other farm production expenses ..... farms..	353	35	387	121	109	135	560
$1,000..	573	48	8 365	333	1 453	120	1 504
Farms with expenses of—							
$1 to $4,999	320	35	140	114	78	135	488
$5,000 to $24,999	32	–	171	5	22	–	63
$25,000 to $49,999	–	–	37	–	3	–	7
$50,000 to $99,999	1	–	28	2	4	–	1
$100,000 or more	–	–	11	–	2	–	1

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..	5 571	116	627	929	1 072	947	53	–	894
$1,000..	135 155	–257	13 163	53 121	48 439	9 825	9 392	–	433
Average per farm ..... dollars..	24 260	–2 215	20 994	57 181	45 185	10 375	177 208	–	485
Farms with net gains[2] ..... number..	2 861	27	494	652	747	396	50	–	346
Average net gain ..... dollars..	55 554	11 207	29 491	84 443	68 174	33 525	189 619	–	10 968
Gain of—									
Less than $1,000	265	4	37	43	50	73	–	–	73
$1,000 to $9,999	1 089	11	189	185	280	213	–	–	213
$10,000 to $49,999	932	11	211	230	245	58	10	–	48
$50,000 or more	575	1	57	194	172	52	40	–	12
Farms with net losses ..... number..	2 710	89	133	277	325	551	3	–	548
Average net loss ..... dollars..	8 777	6 287	10 568	6 989	7 655	6 262	29 655	–	6 134
Loss of—									
Less than $1,000	404	5	4	77	91	85	–	–	85
$1,000 to $9,999	1 734	81	88	149	178	379	–	–	379
$10,000 to $49,999	532	2	38	46	52	85	2	–	83
$50,000 or more	40	1	3	5	4	2	1	–	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms..	401	29	49	38	23	77	6	–	71
$1,000..	1 209	69	197	93	61	122	4	–	118
Other farm-related income[1] ..... farms..	1 340	49	127	181	151	256	1	–	255
$1,000..	7 773	161	611	2 451	1 050	618	(D)	–	(D)
Customwork and other agricultural services ..... farms..	416	25	43	68	62	80	1	–	79
$1,000..	3 484	114	405	1 450	729	225	(D)	–	(D)
Gross cash rent or share payments ..... farms..	254	14	27	17	37	54	–	–	54
$1,000..	598	(D)	25	45	54	58	–	–	58
Forest products, excluding Christmas trees and maple products ..... farms..	487	1	34	51	66	111	–	–	111
$1,000..	1 997	(D)	76	569	246	282	–	–	282
Other farm-related income sources ..... farms..	452	16	58	75	13	43	–	–	43
$1,000..	1 695	8	106	387	22	53	–	–	53
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms..	7	2	1	–	–	1	–	–	1
$1,000..	137	(D)	(D)	–	–	(D)	–	–	(D)
Corn ..... farms..	7	2	1	–	–	1	–	–	1
$1,000..	137	(D)	(D)	–	–	(D)	–	–	(D)
Wheat ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
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..	4 990	79	625	865	1 044	1 012	47	–	965
acres..	223 573	8 076	24 120	25 191	11 967	55 145	2 923	–	52 222
Harvested cropland ..... farms..	4 587	76	625	865	1 044	1 002	47	–	955
acres..	168 765	6 104	20 031	21 439	9 174	43 445	2 541	–	40 904
Farms by acres harvested:									
1 to 49 acres	3 675	39	523	762	1 009	725	29	–	696
50 to 99 acres	469	15	57	60	26	168	8	–	160
100 to 199 acres	279	17	27	28	5	81	8	–	73
200 to 499 acres	146	3	16	14	3	27	2	–	25
500 to 999 acres	14	2	1	–	1	1	–	–	1
1,000 to 1,999 acres	4	–	1	1	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–
Cropland:									
Pasture or grazing only ..... farms..	1 621	35	121	68	83	349	7	–	342
acres..	39 471	1 060	1 664	1 180	791	8 338	150	–	8 188
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	10	85	42	36	49	8	–	41
acres..	3 961	(D)	800	489	463	520	(D)	–	(D)
On which all crops failed ..... farms..	165	1	62	16	24	36	2	–	34
acres..	1 201	(D)	320	53	103	521	(D)	–	(D)
In cultivated summer fallow ..... farms..	70	–	26	14	9	11	–	–	11
acres..	409	–	136	46	61	84	–	–	84
Idle ..... farms..	661	15	120	148	146	113	9	–	104
acres..	9 766	783	1 169	1 984	1 375	2 237	115	–	2 122
Total woodland ..... farms..	3 011	57	301	379	387	770	19	–	751
acres..	197 075	4 536	10 191	27 862	16 840	53 478	1 169	–	52 309
Woodland pastured ..... farms..	734	13	47	38	41	169	2	–	167
acres..	20 194	421	864	904	558	4 826	(D)	–	(D)
Woodland not pastured ..... farms..	2 726	54	275	359	370	716	19	–	697
acres..	176 881	4 115	9 327	26 958	16 282	48 652	(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)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	406	41	387	123	120	167	636
$1,000..	–1 534	–272	10 849	–164	2 958	–736	–236
Average per farm ..... dollars..	–3 777	–6 624	28 033	–1 337	24 647	–4 410	–371
Farms with net gains[2] ..... number..	57	–	263	48	55	4	118
Average net gain ..... dollars..	18 480	–	54 087	7 879	66 472	1 332	46 546
Gain of—							
Less than $1,000	2	–	7	24	–	3	22
$1,000 to $9,999	44	–	48	20	25	1	73
$10,000 to $49,999	–	–	141	2	23	–	11
$50,000 or more	11	–	67	2	7	–	12
Farms with net losses ..... number..	349	41	124	75	65	163	518
Average net loss ..... dollars..	7 412	6 624	27 228	7 236	10 743	4 551	11 059
Loss of—							
Less than $1,000	26	–	5	7	10	41	53
$1,000 to $9,999	265	37	71	53	43	105	285
$10,000 to $49,999	55	4	41	15	11	17	166
$50,000 or more	3	–	7	–	1	–	14
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	20	–	129	6	2	13	15
$1,000..	27	–	548	(D)	(D)	7	62
Other farm-related income[1] ..... farms..	119	9	202	11	36	47	152
$1,000..	471	65	1 150	56	237	86	817
Customwork and other agricultural services ..... farms..	18	1	33	9	6	19	52
$1,000..	(D)	(D)	60	(D)	4	23	332
Gross cash rent or share payments ..... farms..	26	–	24	–	5	2	48
$1,000..	(D)	–	134	–	11	(D)	205
Forest products, excluding Christmas trees and maple products ..... farms..	97	4	53	1	11	25	33
$1,000..	323	(D)	337	(D)	19	(D)	42
Other farm-related income sources ..... farms..	18	4	160	1	18	9	37
$1,000..	9	48	619	(D)	202	(D)	238
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	–	–	3	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Corn ..... farms..	–	–	3	–	–	–	–
$1,000..	–	–	(D)	–	–	–	–
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
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..	401	37	324	67	87	124	325
acres..	22 075	1 519	62 074	2 671	1 786	2 324	6 625
Harvested cropland ..... farms..	320	26	303	40	47	75	164
acres..	12 657	798	48 934	1 664	684	995	2 840
Farms by acres harvested:							
1 to 49 acres	243	20	55	30	44	74	151
50 to 99 acres	49	4	71	5	2	1	11
100 to 199 acres	21	2	91	4	1	–	2
200 to 499 acres	7	–	76	–	–	–	–
500 to 999 acres	–	–	8	1	–	–	–
1,000 to 1,999 acres	–	–	2	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	279	31	223	44	57	96	235
acres..	8 018	694	11 686	901	679	1 166	3 294
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	10	3	25	–	11	6	19
acres..	132	9	1 107	–	122	(D)	163
On which all crops failed ..... farms..	5	–	14	1	2	2	2
acres..	28	–	(D)	(D)	(D)	(D)	(D)
In cultivated summer fallow ..... farms..	5	–	2	1	1	–	1
acres..	55	–	(D)	(D)	(D)	–	(D)
Idle ..... farms..	33	3	18	10	18	12	25
acres..	1 185	18	206	(D)	270	(D)	308
Total woodland ..... farms..	323	25	259	68	66	97	279
acres..	25 183	2 105	33 732	2 942	2 848	4 705	12 653
Woodland pastured ..... farms..	151	10	95	28	15	25	102
acres..	4 640	366	5 130	409	493	290	1 293
Woodland not pastured ..... farms..	267	20	232	53	58	88	234
acres..	20 543	1 739	28 602	2 533	2 355	4 415	11 360

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..	885	17	71	40	68	145	3	–	142
acres..	24 183	659	2 367	1 186	1 093	4 046	63	–	3 983
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	57	403	636	660	678	37	–	641
acres..	73 468	1 567	4 301	30 650	6 238	11 092	482	–	10 610
Irrigated land ..... farms..	1 630	4	325	622	548	76	23	–	53
acres..	24 564	15	5 361	14 692	2 492	1 750	936	–	814
Harvested cropland irrigated ..... farms..	1 614	4	324	622	548	76	23	–	53
acres..	24 269	15	5 320	14 505	2 480	1 750	936	–	814
Pasture and other land irrigated ..... farms..	45	–	5	19	5	–	–	–	–
acres..	295	–	41	187	12	–	–	–	–
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	10	10	6	5	19	–	–	19
acres..	2 690	749	141	100	151	947	–	–	947
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings ..... farms..	5 571	116	627	929	1 072	947	53	–	894
$1,000..	2 534 884	67 070	227 558	512 644	369 702	439 764	25 464	–	414 301
Average per farm ..... dollars..	455 014	578 186	362 931	551 823	344 871	464 376	480 449	–	463 424
Average per acre ..... dollars..	5 207	4 046	6 404	6 342	10 315	4 680	3 347	–	4 798
Farms by value group:									
$1 to $39,999	411	–	78	104	99	29	–	–	29
$40,000 to $69,999	300	6	40	66	102	22	2	–	20
$70,000 to $99,999	175	8	60	23	35	27	–	–	27
$100,000 to $149,999	464	–	76	66	106	38	–	–	38
$150,000 to $199,999	741	5	90	105	133	155	9	–	146
$200,000 to $499,999	2 029	55	129	320	356	419	24	–	395
$500,000 to $999,999	909	20	95	139	185	161	10	–	151
$1,000,000 to $1,999,999	374	21	41	68	41	56	8	–	48
$2,000,000 to $4,999,999	147	1	17	28	15	38	–	–	38
$5,000,000 or more	21	–	1	10	–	2	–	–	2
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	5 571	116	627	929	1 072	947	53	–	894
$1,000..	225 043	3 661	24 480	51 414	36 928	32 511	4 177	–	28 334
Farms by value group:									
$1 to $4,999	744	12	78	121	222	106	2	–	104
$5,000 to $9,999	764	9	110	142	163	99	1	–	98
$10,000 to $19,999	1 266	25	145	195	240	232	–	–	232
$20,000 to $49,999	1 490	53	141	214	249	318	19	–	299
$50,000 to $99,999	708	13	74	131	81	90	9	–	81
$100,000 to $199,999	442	1	59	82	91	86	19	–	67
$200,000 to $499,999	135	3	19	37	22	15	2	–	13
$500,000 or more	22	–	1	7	4	1	1	–	–
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	4 836	116	541	864	854	826	51	–	775
number..	10 539	165	1 388	2 156	1 779	1 624	235	–	1 389
Wheel tractors ..... farms..	4 655	104	570	662	824	879	53	–	826
number..	10 334	299	1 412	1 328	1 646	2 078	238	–	1 840
Less than 40 horsepower (PTO) ..... farms..	3 441	98	431	484	640	643	50	–	593
number..	5 650	164	846	728	981	1 196	164	–	1 032
40 horsepower (PTO) or more ..... farms..	2 613	56	348	339	391	542	35	–	507
number..	4 684	135	566	600	665	882	74	–	808
40 to 99 horsepower (PTO) ..... farms..	2 462	56	300	296	372	540	35	–	505
number..	4 025	118	460	507	580	816	65	–	751
100 horsepower (PTO) or more ..... farms..	436	13	69	62	53	49	6	–	43
number..	659	17	106	93	85	66	9	–	57
Grain and bean combines ..... farms..	50	2	2	–	1	19	–	–	19
number..	54	(D)	(D)	–	(D)	20	–	–	20
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	35	96	98	94	444	13	–	431
number..	1 590	45	114	128	99	484	13	–	471
Pickup balers ..... farms..	1 389	29	73	33	42	543	13	–	530
number..	1 651	29	77	33	55	631	13	–	618
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	3 442	66	627	855	648	472	53	–	419
acres on which used..	112 983	3 043	16 438	18 670	4 872	19 586	2 727	–	16 859
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	1 689	23	339	724	389	102	43	–	59
acres on which used..	39 570	141	9 409	18 013	3 031	3 519	1 483	–	2 036
Nematodes in crops ..... farms..	191	9	22	92	12	43	27	–	16
acres on which used..	4 019	108	340	1 054	101	876	522	–	354
Diseases in crops and orchards ..... farms..	1 152	21	215	609	170	90	41	–	49
acres on which used..	24 869	21	5 949	14 418	1 380	2 570	1 386	–	1 184
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	44	219	532	277	116	42	–	74
acres on which used..	48 093	1 550	9 621	11 584	2 887	3 936	1 635	–	2 301
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	–	25	101	30	12	1	–	11
acres on which used..	4 195	–	1 066	2 776	159	160	(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)
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	115	16	113	30	19	56	195
acres..	3 842	241	6 850	657	256	745	2 241
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	313	31	229	84	82	112	449
acres..	5 188	417	5 926	1 086	1 490	736	4 777
Irrigated land ..... farms..	7	3	6	4	13	4	18
acres..	70	9	80	6	18	6	65
Harvested cropland irrigated ..... farms..	3	2	5	3	13	2	12
acres..	(D)	(D)	(D)	(D)	18	(D)	36
Pasture and other land irrigated ..... farms..	5	1	1	1	–	2	6
acres..	(D)	(D)	(D)	(D)	–	(D)	29
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	8	–	3	1	–	4	5
acres..	210	–	106	(D)	–	(D)	168
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms..	406	41	387	123	120	167	636
$1,000..	231 066	10 397	326 648	43 297	36 947	51 209	218 580
Average per farm ..... dollars..	569 128	253 597	844 053	352 007	307 895	306 644	343 680
Average per acre ..... dollars..	4 440	2 189	3 063	4 905	3 391	6 459	6 619
Farms by value group:							
$1 to $39,999	2	–	6	15	8	8	62
$40,000 to $69,999	16	–	3	–	2	9	34
$70,000 to $99,999	8	–	1	–	2	8	3
$100,000 to $149,999	72	–	12	21	11	29	33
$150,000 to $199,999	60	17	11	12	9	47	97
$200,000 to $499,999	144	22	160	49	76	36	263
$500,000 to $999,999	55	2	108	23	9	24	88
$1,000,000 to $1,999,999	27	–	62	2	2	–	54
$2,000,000 to $4,999,999	16	–	22	1	1	6	2
$5,000,000 or more	6	–	2	–	–	–	–
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	406	41	387	123	120	167	636
$1,000..	12 141	1 981	31 903	4 762	4 354	2 407	18 502
Farms by value group:							
$1 to $4,999	48	–	2	2	13	51	89
$5,000 to $9,999	49	1	16	19	12	34	110
$10,000 to $19,999	121	4	47	14	22	49	172
$20,000 to $49,999	98	21	117	53	50	25	151
$50,000 to $99,999	62	15	107	32	14	8	81
$100,000 to $199,999	27	–	57	1	8	–	30
$200,000 to $499,999	1	–	33	2	–	–	3
$500,000 or more	–	–	8	–	1	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms..	346	41	347	113	112	122	554
number..	661	73	1 074	324	197	198	900
Wheel tractors ..... farms..	385	41	373	101	108	136	472
number..	875	80	1 250	183	233	216	734
Less than 40 horsepower (PTO) ..... farms..	284	32	241	57	94	117	320
number..	450	46	401	68	148	173	449
40 horsepower (PTO) or more ..... farms..	250	16	306	77	40	31	217
number..	425	34	849	115	85	43	285
40 to 99 horsepower (PTO) ..... farms..	242	16	303	69	33	31	204
number..	383	34	647	104	69	43	264
100 horsepower (PTO) or more ..... farms..	41	–	103	10	15	–	21
number..	42	–	202	11	16	–	21
Grain and bean combines ..... farms..	9	1	11	2	1	–	2
number..	9	(D)	14	(D)	(D)	–	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	186	16	289	20	13	40	102
number..	205	16	323	20	13	40	103
Pickup balers ..... farms..	216	24	296	29	14	22	68
number..	250	24	403	31	19	23	76
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	198	9	285	28	32	50	172
acres on which used..	6 698	86	38 545	1 155	448	578	2 864
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	22	11	38	13	4	–	24
acres on which used..	531	11	4 686	86	8	–	135
Nematodes in crops ..... farms..	–	–	13	–	–	–	–
acres on which used..	–	–	1 540	–	–	–	–
Diseases in crops and orchards ..... farms..	13	12	9	–	4	1	8
acres on which used..	(D)	28	309	–	8	(D)	8
Weeds, grass, or brush in crops and pasture ..... farms..	9	–	164	13	5	1	17
acres on which used..	487	–	17 362	527	(D)	(D)	21
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	–	–	8	–	–	–	–
acres on which used..	–	–	34	–	–	–	–

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	5 574	82	625	865	1 044	1 076	47	–	1 029
Full owners	3 791	43	307	719	851	661	18	–	643
Part owners	1 313	35	222	85	107	347	23	–	324
Tenants	470	4	96	61	86	68	6	–	62
White	5 538	81	613	859	1 041	1 075	47	–	1 028
Full owners	3 760	42	298	713	850	660	18	–	642
Part owners	1 310	35	221	85	105	347	23	–	324
Tenants	468	4	94	61	86	68	6	–	62
Black and other races	36	1	12	6	3	1	–	–	1
Full owners	31	1	9	6	1	1	–	–	1
Part owners	3	–	1	–	2	–	–	–	–
Tenants	2	–	2	–	–	–	–	–	–
OWNED AND RENTED LAND									
Land owned farms	5 105	78	529	804	958	1 008	41	–	967
acres	420 885	12 385	29 557	77 808	33 348	100 729	3 028	–	97 701
Owned land in farms farms	5 104	78	529	804	958	1 008	41	–	967
acres	408 639	10 479	27 781	77 058	32 194	97 699	2 978	–	94 721
Land rented or leased from others farms	1 794	39	319	147	193	418	30	–	388
acres	110 716	4 359	13 294	7 845	4 074	26 245	1 691	–	24 554
landlords	5 226	135	872	258	331	1 342	123	–	1 219
Rented or leased land in farms farms	1 783	39	318	146	193	415	29	–	386
acres	109 660	4 359	13 198	7 831	3 944	26 062	1 659	–	24 403
Land rented or leased to others farms	371	16	61	36	52	91	3	–	88
acres	13 302	1 906	1 872	764	1 284	3 213	82	–	3 131
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	4 203	65	488	525	715	858	27	–	831
Not on farm operated	1 074	12	106	300	273	155	18	–	137
Not reported	297	5	31	40	56	63	2	–	61
Operators by principal occupation:									
Farming	2 927	44	409	535	497	444	36	–	408
Other	2 647	38	216	330	547	632	11	–	621
Operators by days worked off farm:									
None	2 285	26	280	385	471	358	28	–	330
Any	2 980	48	310	421	521	661	16	–	645
1 to 99 days	549	11	74	98	96	113	6	–	107
100 to 199 days	567	9	77	74	100	124	4	–	120
200 days or more	1 864	28	159	249	325	424	6	–	418
Not reported	309	8	35	59	52	57	3	–	54
Operators by years on present farm:									
2 years or less	175	3	26	35	27	22	5	–	17
3 or 4 years	286	4	44	46	47	35	1	–	34
5 to 9 years	669	7	78	105	145	116	7	–	109
10 years or more	3 685	57	385	582	694	735	26	–	709
Average years on present farm	20.7	25.5	20.1	18.9	18.6	24.5	18.8	–	24.7
Not reported	759	11	92	97	131	168	8	–	160
Operators by age group:									
Under 25 years	31	–	6	3	–	7	2	–	5
25 to 34 years	253	4	40	37	42	33	5	–	28
35 to 44 years	1 071	13	141	139	229	175	9	–	166
45 to 49 years	785	5	81	130	167	149	12	–	137
50 to 54 years	836	10	85	134	163	127	2	–	125
55 to 59 years	646	12	68	98	127	107	3	–	104
60 to 64 years	500	5	46	101	76	114	2	–	112
65 to 69 years	455	6	52	66	97	95	1	–	94
70 years and over	997	27	106	157	143	269	11	–	258
Average age	54.9	59.5	53.7	55.6	53.8	57.6	51.1	–	57.9
Operators by sex:									
Male	4 648	74	527	755	871	972	47	–	925
Female	926	8	98	110	173	104	–	–	104
Operators of Spanish, Hispanic, or Latino origin (see text)	37	1	2	8	10	3	–	–	3
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) farms	4 496	65	529	623	758	951	33	–	918
acres	330 825	8 913	29 141	31 195	24 298	101 227	2 916	–	98 311
Partnership farms	443	11	47	77	81	63	8	–	55
acres	71 602	3 263	4 229	7 679	2 493	11 040	872	–	10 168
Corporation:									
Family held farms	494	5	37	131	175	42	4	–	38
acres	88 355	(D)	6 428	36 017	7 919	8 308	(D)	–	(D)
More than 10 stockholders farms	11	–	–	6	2	1	1	–	–
10 or less stockholders farms	483	5	37	125	173	41	3	–	38
Other than family held farms	60	–	3	15	22	5	2	–	3
acres	7 964	–	(D)	4 729	395	789	(D)	–	(D)
More than 10 stockholders farms	8	–	–	3	2	–	–	–	–
10 or less stockholders farms	52	–	3	12	20	5	2	–	3
Other—cooperative, estate or trust, institutional, etc. farms	81	1	9	19	8	15	–	–	15
acres	19 553	(D)	(D)	5 269	1 033	2 397	–	–	2 397

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	472	49	338	118	115	163	627
Full owners	312	34	78	84	91	131	480
Part owners	136	14	227	25	16	22	77
Tenants	24	1	33	9	8	10	70
White	470	48	337	118	110	161	625
Full owners	310	33	77	84	86	129	478
Part owners	136	14	227	25	16	22	77
Tenants	24	1	33	9	8	10	70
Black and other races	2	1	1	–	5	2	2
Full owners	2	1	1	–	5	2	2
Part owners	–	–	–	–	–	–	–
Tenants	–	–	–	–	–	–	–
OWNED AND RENTED LAND							
Land owned ... farms	449	48	305	109	107	153	557
acres	48 220	3 907	71 976	5 835	5 364	7 991	23 765
Owned land in farms ... farms	448	48	305	109	107	153	557
acres	46 755	3 813	70 713	5 802	5 310	7 794	23 241
Land rented or leased from others ... farms	163	15	260	34	24	32	150
acres	9 786	469	37 869	1 688	1 070	716	3 301
landlords	433	33	1 399	74	37	58	254
Rented or leased land in farms ... farms	160	15	260	34	24	32	147
acres	9 533	469	37 869	1 554	1 070	716	3 055
Land rented or leased to others ... farms	43	4	18	4	3	7	36
acres	1 718	94	1 263	167	54	197	770
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	414	40	269	99	98	155	477
Not on farm operated	35	8	50	13	13	6	103
Not reported	23	1	19	6	4	2	47
Operators by principal occupation:							
Farming	210	19	304	55	45	51	314
Other	262	30	34	63	70	112	313
Operators by days worked off farm:							
None	152	9	239	45	41	37	242
Any	293	38	76	69	70	122	351
1 to 99 days	39	2	36	7	6	13	54
100 to 199 days	56	9	12	7	13	22	64
200 days or more	198	27	28	55	51	87	233
Not reported	27	2	23	4	4	4	34
Operators by years on present farm:							
2 years or less	13	1	7	2	7	1	31
3 or 4 years	20	5	14	4	8	9	50
5 to 9 years	36	12	29	12	15	26	88
10 years or more	338	25	234	81	73	112	369
Average years on present farm	24.9	15.7	24.4	23.7	18.5	19.1	16.4
Not reported	65	6	54	19	12	15	89
Operators by age group:							
Under 25 years	5	–	3	–	–	1	6
25 to 34 years	23	4	11	7	3	4	45
35 to 44 years	71	9	77	29	27	31	130
45 to 49 years	49	5	42	15	14	22	106
50 to 54 years	66	8	48	11	24	38	122
55 to 59 years	58	6	49	10	14	26	71
60 to 64 years	31	5	29	16	8	14	55
65 to 69 years	55	2	22	14	10	6	30
70 years and over	114	10	57	16	15	21	62
Average age	57.1	55.3	54.1	54.0	53.7	53.6	51.3
Operators by sex:							
Male	410	45	315	107	92	105	375
Female	62	4	23	11	23	58	252
Operators of Spanish, Hispanic, or Latino origin (see text)	1	–	1	3	–	2	6
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	421	43	226	106	89	154	531
acres	43 964	2 927	50 884	6 144	4 499	7 575	20 058
Partnership ... farms	28	4	70	6	10	6	40
acres	4 238	(D)	33 441	(D)	637	540	3 149
Corporation:							
Family held ... farms	11	–	32	4	13	3	41
acres	1 577	–	21 100	(D)	1 173	395	2 372
More than 10 stockholders ... farms	–	–	1	–	–	–	1
10 or less stockholders ... farms	11	–	31	4	13	3	40
Other than family held ... farms	3	1	1	–	–	–	10
acres	732	(D)	(D)	–	–	–	176
More than 10 stockholders ... farms	–	1	–	–	–	–	2
10 or less stockholders ... farms	3	–	1	–	–	–	8
Other—cooperative, estate or trust, institutional, etc. ... farms	9	1	9	2	3	–	5
acres	5 777	(D)	(D)	(D)	71	–	541

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..	58	1	7	7	7	10	2	–	8
number..	66	(D)	8	9	7	12	(D)	–	(D)
Hired workers ..... farms..	86	1	10	19	17	16	6	–	10
number..	126	(D)	15	27	25	24	13	–	11
Farm-related deaths:									
Operator and family members ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Hired workers ..... farms..	2	–	–	1	–	–	–	–	–
number..	(D)	–	–	(D)	–	–	–	–	–
FARMS BY SIZE									
1 to 9 acres	1 254	5	144	189	496	44	7	–	37
10 to 49 acres	1 865	12	242	341	356	310	16	–	294
50 to 69 acres	485	4	70	65	48	145	2	–	143
70 to 99 acres	479	14	49	66	55	120	6	–	114
100 to 139 acres	456	10	44	65	31	170	4	–	166
140 to 179 acres	270	9	25	26	19	96	5	–	91
180 to 219 acres	206	7	11	29	18	69	2	–	67
220 to 259 acres	117	7	13	25	4	24	3	–	21
260 to 499 acres	291	7	19	39	12	78	1	–	77
500 to 999 acres	121	6	7	11	4	18	1	–	17
1,000 to 1,999 acres	26	1	1	7	1	2	–	–	2
2,000 acres or more	4	–	–	2	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	82	82	–	–	–	–	–	–	–
Vegetable and melon farming (1112)	625	–	625	–	–	–	–	–	–
Fruit and tree nut farming (1113)	865	–	–	865	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	1 044	–	–	–	1 044	–	–	–	–
Other crop farming (1119)	1 076	–	–	–	–	1 076	47	–	1 029
Tobacco farming (11191)	47	–	–	–	–	47	47	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	–	–	–	–	1 029	–	–	1 029
Beef cattle ranching and farming (112111)	472	–	–	–	–	–	–	–	–
Cattle feedlots (112112)	49	–	–	–	–	–	–	–	–
Dairy cattle and milk production (11212)	338	–	–	–	–	–	–	–	–
Hog and pig farming (1122)	118	–	–	–	–	–	–	–	–
Poultry and egg production (1123)	115	–	–	–	–	–	–	–	–
Sheep and goat farming (1124)	163	–	–	–	–	–	–	–	–
Animal aquaculture and other animal production (1125, 1129)	627	–	–	–	–	–	–	–	–
LIVESTOCK									
Cattle and calves inventory ..... farms..	1 420	32	74	22	32	263	4	–	259
number..	61 719	897	1 033	188	258	3 743	168	–	3 575
Farms with—									
1 to 9	545	8	40	18	22	148	–	–	148
10 to 49	535	20	30	3	10	100	2	–	98
50 to 99	178	2	4	1	–	12	2	–	10
100 to 199	95	2	–	–	–	2	–	–	2
200 to 499	59	–	–	–	–	1	–	–	1
500 or more	8	–	–	–	–	–	–	–	–
Cows and heifers that had calved ..... farms..	1 173	22	59	15	22	206	3	–	203
number..	33 704	334	491	138	128	1 591	90	–	1 501
Beef cows ..... farms..	799	21	50	14	19	185	1	–	184
number..	6 858	(D)	353	(D)	123	1 228	(D)	–	(D)
Farms with—									
1 to 9	564	8	38	12	15	144	1	–	143
10 to 49	226	12	12	1	4	41	–	–	41
50 to 99	8	1	–	1	–	–	–	–	–
100 to 199	1	–	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–	–
Milk cows ..... farms..	483	4	13	1	4	36	2	–	34
number..	26 846	(D)	138	(D)	5	363	(D)	–	(D)
Farms with—									
1 to 4	129	3	11	1	4	28	–	–	28
5 to 9	20	–	–	–	–	2	–	–	2
10 to 49	143	1	–	–	–	4	1	–	3
50 to 99	103	–	2	–	–	1	1	–	–
100 to 199	67	–	–	–	–	1	–	–	1
200 to 499	19	–	–	–	–	–	–	–	–
500 or more	2	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	979	28	46	11	13	163	4	–	159
number..	22 688	390	379	30	55	1 458	(D)	–	(D)
Steers, steer calves, bulls, and bull calves ..... farms..	902	25	47	10	22	168	2	–	166
number..	5 327	173	163	20	75	694	(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)
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	4	–	11	1	1	1	8
number..	5	–	12	(D)	(D)	(D)	8
Hired workers ..... farms..	3	–	11	–	3	1	5
number..	8	–	15	–	(D)	(D)	7
Farm-related deaths:							
Operator and family members ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Hired workers ..... farms..	–	–	1	–	–	–	–
number..	–	–	(D)	–	–	–	–
FARMS BY SIZE							
1 to 9 acres	44	6	7	29	31	37	222
10 to 49 acres	129	21	20	46	49	78	261
50 to 69 acres	67	4	18	10	8	8	38
70 to 99 acres	66	3	26	10	6	18	46
100 to 139 acres	45	4	38	8	10	5	26
140 to 179 acres	40	6	24	7	3	4	11
180 to 219 acres	28	3	24	3	3	5	6
220 to 259 acres	5	–	27	2	1	3	6
260 to 499 acres	28	–	94	1	3	5	5
500 to 999 acres	16	2	48	2	1	–	6
1,000 to 1,999 acres	4	–	10	–	–	–	–
2,000 acres or more	–	–	2	–	–	–	–
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)	472	–	–	–	–	–	–
Cattle feedlots (112112)	–	49	–	–	–	–	–
Dairy cattle and milk production (11212)	–	–	338	–	–	–	–
Hog and pig farming (1122)	–	–	–	118	–	–	–
Poultry and egg production (1123)	–	–	–	–	115	–	–
Sheep and goat farming (1124)	–	–	–	–	–	163	–
Animal aquaculture and other animal production (1125, 1129)	–	–	–	–	–	–	627
LIVESTOCK							
Cattle and calves inventory ..... farms..	458	48	336	52	26	28	49
number..	9 665	746	43 484	1 124	125	164	292
Farms with—							
1 to 9	166	25	9	29	23	21	36
10 to 49	251	21	58	19	3	7	13
50 to 99	32	2	122	3	–	–	–
100 to 199	6	–	85	–	–	–	–
200 to 499	3	–	54	1	–	–	–
500 or more	–	–	8	–	–	–	–
Cows and heifers that had calved ..... farms..	358	36	336	41	21	18	39
number..	3 919	280	26 204	337	63	81	138
Beef cows ..... farms..	337	35	35	38	20	14	31
number..	3 659	255	228	323	58	68	110
Farms with—							
1 to 9	214	24	24	25	20	12	28
10 to 49	116	11	11	13	–	2	3
50 to 99	6	–	–	–	–	–	–
100 to 199	1	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	52	8	335	8	3	5	14
number..	260	25	25 976	14	5	13	28
Farms with—							
1 to 4	39	7	7	8	3	4	14
5 to 9	11	1	5	–	–	1	–
10 to 49	1	–	137	–	–	–	–
50 to 99	1	–	99	–	–	–	–
100 to 199	–	–	66	–	–	–	–
200 to 499	–	–	19	–	–	–	–
500 or more	–	–	2	–	–	–	–
Heifers and heifer calves ..... farms..	318	24	296	30	12	13	25
number..	3 451	168	16 349	280	33	23	72
Steers, steer calves, bulls, and bull calves ..... farms..	311	42	177	35	17	17	31
number..	2 295	298	931	507	29	60	82

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..	1 158	26	43	12	16	189	4	–	185
number..	24 849	233	378	97	67	1 350	91	–	1 259
$1,000..	6 424	73	173	32	25	564	15	–	549
Calves ..... farms..	674	12	17	4	11	86	4	–	82
number..	13 485	114	121	30	31	492	62	–	430
$1,000..	814	21	16	4	6	86	2	–	84
Cattle ..... farms..	970	17	38	10	10	142	3	–	139
number..	11 364	119	257	67	36	858	29	–	829
$1,000..	5 610	51	157	29	19	478	13	–	465
Fattened on grain and concentrates .... farms..	117	3	4	–	2	27	–	–	27
number..	1 158	(D)	12	–	(D)	90	–	–	90
$1,000..	834	5	9	–	(D)	65	–	–	65
Hogs and pigs inventory ..... farms..	383	4	24	5	10	54	1	–	53
number..	18 297	61	202	47	42	3 273	(D)	–	(D)
Farms with—									
1 to 24	286	3	22	5	10	44	1	–	43
25 to 49	35	1	–	–	–	5	–	–	5
50 to 99	21	–	2	–	–	2	–	–	2
100 to 199	17	–	–	–	–	1	–	–	1
200 to 499	15	–	–	–	–	–	–	–	–
500 or more	9	–	–	–	–	2	–	–	2
Used or to be used for breeding ..... farms..	177	3	9	2	2	22	–	–	22
number..	2 388	(D)	47	(D)	(D)	365	–	–	365
Other ..... farms..	351	2	23	5	10	47	1	–	46
number..	15 909	(D)	155	(D)	(D)	2 908	(D)	–	(D)
Hogs and pigs sold..... farms..	269	1	17	3	4	31	–	–	31
number..	23 636	(D)	401	(D)	18	2 683	–	–	2 683
$1,000..	2 265	(D)	21	3	2	256	–	–	256
Feeder pigs ..... farms..	66	–	4	1	–	9	–	–	9
number..	4 070	–	351	(D)	–	150	–	–	150
$1,000..	153	–	13	(D)	–	5	–	–	5
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	180	3	9	2	2	23	–	–	23
number..	2 795	9	78	(D)	(D)	250	–	–	250
Dec. 1 and May 31..... farms..	154	–	9	1	2	17	–	–	17
number..	1 457	–	44	(D)	(D)	156	–	–	156
June 1 and Nov. 30 ..... farms..	132	3	5	1	–	17	–	–	17
number..	1 338	9	34	(D)	–	94	–	–	94
Sheep and lambs of all ages inventory..... farms..	431	7	44	21	26	65	–	–	65
number..	8 348	206	393	222	215	837	–	–	837
Ewes 1 year old or older ..... farms..	364	7	36	16	22	48	–	–	48
number..	5 374	140	257	112	113	488	–	–	488
Sheep and lambs sold..... farms..	350	6	31	15	20	50	–	–	50
number..	6 756	164	376	144	132	629	–	–	629
Sheep and lambs shorn ..... farms..	335	4	31	9	21	47	–	–	47
number..	6 843	132	345	(D)	130	621	–	–	621
pounds of wool..	51 056	1 055	2 200	615	899	4 258	–	–	4 258
Horses and ponies inventory ..... farms..	1 196	10	64	38	48	251	2	–	249
number..	9 410	45	292	138	167	1 245	(D)	–	(D)
Horses and ponies sold..... farms..	232	–	6	3	2	13	–	–	13
number..	1 642	–	6	9	(D)	34	–	–	34
Goats inventory ..... farms..	238	3	22	11	14	30	–	–	30
number..	2 490	(D)	56	46	87	304	–	–	304
Goats sold ..... farms..	79	–	1	3	3	10	–	–	10
number..	850	–	(D)	17	21	132	–	–	132
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	9	63	25	32	85	1	–	84
number..	682 853	203	1 841	(D)	5 060	5 012	(D)	–	(D)
Farms with—									
1 to 399	481	9	63	25	31	81	1	–	80
400 to 3,199	17	–	–	–	–	4	–	–	4
3,200 to 9,999.....	5	–	–	–	1	–	–	–	–
10,000 to 19,999	1	–	–	–	–	–	–	–	–
20,000 to 49,999	3	–	–	–	–	–	–	–	–
50,000 to 99,999	1	–	–	–	–	–	–	–	–
100,000 or more	2	–	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	497	8	60	25	32	81	1	–	80
number..	556 206	140	1 511	552	4 965	4 788	(D)	–	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	4	15	3	3	9	–	–	9
number..	126 647	63	330	(D)	95	224	–	–	224
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	2	10	4	4	10	–	–	10
number..	(D)	(D)	409	153	(D)	320	–	–	320
Broilers and other meat-type chickens sold .. farms..	41	–	9	2	1	3	–	–	3
number..	(D)	–	2 714	(D)	(D)	326	–	–	326
Farms with—									
1 to 1,999.....	37	–	8	1	1	3	–	–	3
2,000 to 59,999.....	3	–	1	1	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	22	–	1	1	–	2	–	–	2
number..	1 991	–	(D)	(D)	–	(D)	–	–	(D)
Turkeys sold ..... farms..	70	–	6	2	3	6	–	–	6
number..	93 226	–	297	(D)	184	374	–	–	374

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..	410	49	332	42	8	10	21
number..	4 912	296	16 664	557	11	23	261
$1,000..	2 570	176	2 430	291	5	7	79
Calves ..... farms..	186	3	313	18	4	6	14
number..	1 292	12	11 117	137	4	10	125
$1,000..	266	(D)	364	19	(D)	1	29
Cattle ..... farms..	339	49	308	31	5	9	12
number..	3 620	284	5 547	420	7	13	136
$1,000..	2 304	(D)	2 066	272	(D)	6	50
Fattened on grain and concentrates .... farms..	19	49	2	5	1	–	5
number..	423	275	(D)	(D)	(D)	–	17
$1,000..	348	169	(D)	(D)	(D)	–	10
Hogs and pigs inventory ..... farms..	72	14	18	115	19	15	33
number..	1 007	117	203	13 053	78	29	185
Farms with—							
1 to 24	64	12	14	46	19	15	32
25 to 49	5	2	4	17	–	–	1
50 to 99	1	–	–	16	–	–	–
100 to 199	1	–	–	15	–	–	–
200 to 499	1	–	–	14	–	–	–
500 or more	–	–	–	7	–	–	–
Used or to be used for breeding ..... farms..	20	1	9	92	4	3	10
number..	101	(D)	36	1 754	8	6	28
Other ..... farms..	64	14	16	107	19	14	30
number..	906	(D)	167	11 299	70	23	157
Hogs and pigs sold..... farms..	52	9	10	118	4	6	14
number..	1 059	80	274	18 776	46	14	231
$1,000..	97	10	23	1 823	6	(D)	20
Feeder pigs ..... farms..	8	1	2	37	1	1	2
number..	175	(D)	(D)	3 232	(D)	(D)	(D)
$1,000..	6	(D)	(D)	123	(D)	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	19	1	9	95	4	3	10
number..	118	(D)	37	2 250	6	5	27
Dec. 1 and May 31..... farms..	15	1	9	84	4	3	9
number..	48	(D)	23	1 152	(D)	(D)	19
June 1 and Nov. 30 ..... farms..	14	1	5	78	2	1	5
number..	70	(D)	14	1 098	(D)	(D)	8
Sheep and lambs of all ages inventory..... farms..	34	4	22	15	23	143	27
number..	711	62	401	639	179	4 087	396
Ewes 1 year old or older ..... farms..	25	4	19	13	17	136	21
number..	315	39	230	(D)	(D)	2 861	205
Sheep and lambs sold..... farms..	27	6	16	8	14	137	20
number..	514	42	201	614	90	3 591	259
Sheep and lambs shorn ..... farms..	25	3	15	12	15	134	19
number..	430	42	273	(D)	106	3 650	237
pounds of wool..	3 507	(D)	2 269	(D)	849	27 802	1 640
Horses and ponies inventory ..... farms..	120	15	46	32	26	49	497
number..	476	36	189	197	104	175	6 346
Horses and ponies sold..... farms..	2	–	2	4	2	1	197
number..	(D)	–	(D)	5	(D)	(D)	1 545
Goats inventory ..... farms..	34	1	10	11	15	46	41
number..	157	(D)	51	69	116	1 248	269
Goats sold ..... farms..	12	1	1	6	4	28	10
number..	61	(D)	(D)	33	(D)	471	84
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	73	14	25	20	72	42	50
number..	1 871	433	(D)	(D)	663 079	822	1 010
Farms with—							
1 to 399	73	14	24	20	49	42	50
400 to 3,199	–	–	1	–	12	–	–
3,200 to 9,999.....	–	–	–	–	4	–	–
10,000 to 19,999	–	–	–	–	1	–	–
20,000 to 49,999	–	–	–	–	3	–	–
50,000 to 99,999	–	–	–	–	1	–	–
100,000 or more	–	–	–	–	2	–	–
Layers 20 weeks old and older ..... farms..	72	14	24	20	71	42	48
number..	1 809	363	2 207	679	537 636	719	837
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	5	4	2	2	16	5	8
number..	62	70	(D)	(D)	125 443	103	173
Layers, pullets, and pullet chicks sold (see text)..... farms..	9	1	2	4	37	4	1
number..	438	(D)	(D)	(D)	539 426	39	(D)
Broilers and other meat-type chickens sold .. farms..	9	1	–	3	6	5	2
number..	587	(D)	–	(D)	(D)	180	(D)
Farms with—							
1 to 1,999.....	9	1	–	3	4	5	2
2,000 to 59,999.....	–	–	–	–	1	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	1	–	–
Turkey hens kept for breeding ..... farms..	1	–	1	2	7	2	5
number..	(D)	–	(D)	(D)	1 916	(D)	19
Turkeys sold ..... farms..	4	3	–	5	33	4	4
number..	426	(D)	–	(D)	91 354	25	(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									
Corn for silage or green chop ..... farms..	403	52	23	2	2	40	3	–	37
acres..	22 813	2 082	478	(D)	(D)	1 239	46	–	1 193
tons, green..	445 811	40 958	7 299	(D)	(D)	17 802	(D)	–	(D)
Irrigated ..... farms..	8	1	2	1	–	2	–	–	2
acres..	49	(D)	(D)	(D)	–	(D)	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	169	28	14	2	1	28	2	–	26
25 to 99 acres	157	17	8	–	1	7	1	–	6
100 to 249 acres	68	7	1	–	–	5	–	–	5
250 to 499 acres	6	–	–	–	–	–	–	–	–
500 acres or more	3	–	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	93	3	58	4	3	22	7	–	15
acres..	2 964	2	2 608	1	(D)	334	146	–	188
cwt..	789 847	100	704 215	222	(D)	81 836	34 779	–	47 057
Irrigated ..... farms..	40	1	29	3	3	4	1	–	3
acres..	400	(D)	385	(Z)	(D)	4	(D)	–	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	64	3	42	4	2	11	1	–	10
5.0 to 24.9 acres	17	–	7	–	1	8	4	–	4
25.0 to 99.9 acres	6	–	4	–	–	2	2	–	–
100.0 to 249.9 acres	2	–	1	–	–	1	–	–	1
250.0 acres or more	4	–	4	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	49	147	62	96	922	10	–	912
acres..	100 218	2 414	4 136	748	1 658	38 877	279	–	38 598
tons, dry..	181 885	5 169	7 313	1 272	2 939	66 124	574	–	65 550
Irrigated ..... farms..	31	–	12	3	5	5	–	–	5
acres..	490	–	76	13	55	(D)	–	–	(D)
Farms by acres harvested:									
1 to 24 acres	1 077	17	103	54	77	432	4	–	428
25 to 99 acres	805	26	33	8	18	394	6	–	388
100 to 249 acres	237	5	9	–	1	86	–	–	86
250 to 499 acres	45	1	2	–	–	9	–	–	9
500 acres or more	4	–	–	–	–	1	–	–	1
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	34	92	39	62	650	7	–	643
acres..	57 130	1 574	2 435	542	947	24 790	214	–	24 576
tons, dry..	102 752	3 378	4 392	1 053	1 945	43 311	493	–	42 818
Irrigated ..... farms..	14	–	5	1	5	1	–	–	1
acres..	93	–	29	(D)	50	(D)	–	–	(D)
Vegetables harvested for sale (see text) .... farms..	935	6	613	61	89	116	20	–	96
acres..	16 039	62	12 071	474	825	2 190	959	–	1 231
Irrigated ..... farms..	403	3	286	24	48	29	5	–	24
acres..	5 721	(D)	4 542	91	521	450	107	–	343
Farms by acres harvested:									
0.1 to 4.9 acres	429	3	252	36	50	53	4	–	49
5.0 to 24.9 acres	322	2	218	20	30	42	7	–	35
25.0 to 99.9 acres	158	1	122	5	9	16	6	–	10
100.0 to 249.9 acres	23	–	19	–	–	4	2	–	2
250.0 acres or more	3	–	2	–	–	1	1	–	–
Sweet corn harvested for sale ..... farms..	500	2	346	26	37	62	9	–	53
acres..	6 800	(D)	5 135	201	305	924	186	–	738
Irrigated ..... farms..	206	–	158	8	23	12	–	–	12
acres..	2 623	–	2 091	33	186	239	–	–	239
Land in orchards ..... farms..	431	7	69	236	31	53	3	–	50
acres..	6 546	41	319	5 673	184	268	2	–	266
Irrigated ..... farms..	73	–	16	37	14	2	–	–	2
acres..	584	–	53	486	30	(D)	–	–	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	228	3	41	94	20	39	3	–	36
5.0 to 24.9 acres	134	4	27	77	9	13	–	–	13
25.0 to 99.9 acres	55	–	1	51	2	1	–	–	1
100.0 to 249.9 acres	13	–	–	13	–	–	–	–	–
250.0 acres or more	1	–	–	1	–	–	–	–	–
Berries harvested for sale ..... farms..	969	1	141	700	44	51	3	–	48
acres..	15 047	(D)	274	14 431	120	175	10	–	165
Irrigated ..... farms..	733	–	81	586	27	25	2	–	23
acres..	14 275	–	179	13 912	82	91	(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)
SELECTED CROPS HARVESTED							
Corn for silage or green chop ..... farms..	54	4	214	4	1	2	5
acres..	1 036	91	17 673	91	(D)	(D)	34
tons, green..	15 617	1 560	358 789	1 600	(D)	(D)	459
Irrigated ..... farms..	–	1	1	–	–	–	–
acres..	–	(D)	(D)	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	43	2	40	3	1	2	5
25 to 99 acres	9	2	112	1	–	–	–
100 to 249 acres	2	–	53	–	–	–	–
250 to 499 acres	–	–	6	–	–	–	–
500 acres or more	–	–	3	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	–	–	2	1	–	–	–
acres..	–	–	(D)	(D)	–	–	–
cwt..	–	–	(D)	(D)	–	–	–
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
0.1 to 4.9 acres	–	–	1	1	–	–	–
5.0 to 24.9 acres	–	–	1	–	–	–	–
25.0 to 99.9 acres	–	–	–	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	311	23	287	32	34	61	144
acres..	11 729	725	34 577	1 114	496	972	2 772
tons, dry..	16 663	1 259	73 944	2 140	677	1 177	3 208
Irrigated ..... farms..	1	2	–	–	1	–	2
acres..	(D)	(D)	–	–	(D)	–	(D)
Farms by acres harvested:							
1 to 24 acres	154	12	25	21	27	48	107
25 to 99 acres	134	9	122	6	7	13	35
100 to 249 acres	19	2	108	5	–	–	2
250 to 499 acres	4	–	29	–	–	–	–
500 acres or more	–	–	3	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	218	11	197	21	16	34	97
acres..	7 724	402	15 575	669	223	551	1 698
tons, dry..	9 825	503	33 524	1 573	386	654	2 208
Irrigated ..... farms..	–	1	–	–	–	–	1
acres..	–	(D)	–	–	–	–	(D)
Vegetables harvested for sale (see text) .... farms..	6	1	20	4	13	1	5
acres..	(D)	(D)	259	11	74	(D)	7
Irrigated ..... farms..	1	1	3	2	5	–	1
acres..	(D)	(D)	(D)	(D)	5	–	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	4	1	9	4	11	1	5
5.0 to 24.9 acres	1	–	8	–	1	–	–
25.0 to 99.9 acres	1	–	3	–	1	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	1	1	13	4	6	–	2
acres..	(D)	(D)	142	9	47	–	(D)
Irrigated ..... farms..	1	1	2	1	–	–	–
acres..	(D)	(D)	(D)	(D)	–	–	–
Land in orchards ..... farms..	4	2	4	–	4	11	10
acres..	8	(D)	12	–	(D)	15	18
Irrigated ..... farms..	–	–	–	–	1	–	3
acres..	–	–	–	–	(D)	–	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	3	2	3	–	3	11	9
5.0 to 24.9 acres	1	–	1	–	1	–	1
25.0 to 99.9 acres	–	–	–	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Berries harvested for sale ..... farms..	–	–	8	1	7	7	9
acres..	–	–	8	(D)	(D)	5	8
Irrigated ..... farms..	–	–	–	1	6	–	7
acres..	–	–	–	(D)	(D)	–	7

[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..	5 574	75	98	203	484	469
percent..	100.0	1.3	1.8	3.6	8.7	8.4
Land in farms ..... acres..	518 299	45 969	23 526	48 442	72 538	47 652
Average size of farm ..... acres..	93	613	240	239	150	102
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	5 574	75	98	203	484	469
$1,000..	454 404	173 877	66 110	68 086	74 758	33 312
Average per farm ..... dollars..	81 522	2 318 366	674 589	335 400	154 458	71 028
Farms by value of sales:						
Less than $1,000 (see text)	895	–	–	–	–	–
$1,000 to $2,499	721	–	–	–	–	–
$2,500 to $4,999	664	–	–	–	–	–
$5,000 to $9,999	707	–	–	–	–	–
$10,000 to $19,999	600	–	–	–	–	–
$20,000 to $24,999	153	–	–	–	–	–
$25,000 to $39,999	358	–	–	–	–	–
$40,000 to $49,999	149	–	–	–	–	2
$50,000 to $99,999	468	–	–	–	1	467
$100,000 to $249,999	484	–	–	1	483	–
$250,000 to $499,999	203	–	1	202	–	–
$500,000 to $999,999	98	1	97	–	–	–
$1,000,000 to $2,499,999	53	53	–	–	–	–
$2,500,000 to $4,999,999	16	16	–	–	–	–
$5,000,000 or more	5	5	–	–	–	–
Grains ..... farms..	81	3	7	3	8	5
$1,000..	1 310	(D)	350	25	425	(D)
Sales of $50,000 or more ..... farms..	8	1	3	–	3	1
$1,000..	847	(D)	(D)	–	374	(D)
Corn for grain ..... farms..	58	2	7	2	8	3
$1,000..	1 180	(D)	350	(D)	(D)	4
Wheat ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Soybeans ..... farms..	5	–	–	–	–	1
$1,000..	(D)	–	–	–	–	(D)
Sorghum for grain ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Oats ..... farms..	2	–	–	–	1	–
$1,000..	(D)	–	–	–	(D)	–
Other grains ..... farms..	23	1	–	1	1	2
$1,000..	76	(D)	–	(D)	(D)	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Tobacco ..... farms..	68	7	11	8	19	14
$1,000..	23 807	14 333	4 887	1 826	1 796	(D)
Sales of $50,000 or more ..... farms..	50	7	11	7	16	9
$1,000..	23 397	14 333	4 887	(D)	1 722	(D)
Hay, silage, and field seeds ..... farms..	1 435	2	15	32	67	89
$1,000..	11 056	(D)	419	647	1 265	1 975
Sales of $50,000 or more ..... farms..	34	1	4	4	8	17
$1,000..	2 949	(D)	351	(D)	648	1 164
Vegetables, sweet corn, and melons ..... farms..	931	7	21	44	119	147
$1,000..	37 438	3 602	4 627	7 619	9 216	6 131
Sales of $50,000 or more ..... farms..	198	6	15	34	78	65
$1,000..	28 238	(D)	4 576	7 401	8 482	(D)
Fruits, nuts, and berries ..... farms..	1 142	29	38	83	203	154
$1,000..	148 247	64 136	21 946	21 136	26 361	8 324
Sales of $50,000 or more ..... farms..	407	28	35	66	168	110
$1,000..	140 561	(D)	21 906	20 916	25 977	(D)
Nursery and greenhouse crops ..... farms..	1 375	31	28	62	148	165
$1,000..	128 192	65 463	16 477	14 248	15 207	7 995
Sales of $50,000 or more ..... farms..	311	31	26	48	108	98
$1,000..	116 922	65 463	(D)	13 915	14 501	(D)
Other crops ..... farms..	300	4	4	14	29	26
$1,000..	7 326	4 247	866	397	543	441
Sales of $50,000 or more ..... farms..	13	3	3	1	2	4
$1,000..	5 886	(D)	(D)	(D)	(D)	241
Poultry and poultry products ..... farms..	375	5	4	8	15	17
$1,000..	15 900	10 263	1 560	1 535	1 078	492
Sales of $50,000 or more ..... farms..	24	4	3	4	7	6
$1,000..	14 853	(D)	(D)	1 527	1 042	464
Dairy products ..... farms..	353	5	19	62	119	78
$1,000..	59 773	6 296	11 678	18 652	16 196	5 332
Sales of $50,000 or more ..... farms..	275	5	19	62	119	70
$1,000..	57 788	6 296	11 678	18 652	16 196	4 965
Cattle and calves ..... farms..	1 158	5	23	72	135	106
$1,000..	6 424	200	976	1 108	1 011	629
Sales of $50,000 or more ..... farms..	11	2	2	2	3	2
$1,000..	1 526	(D)	(D)	(D)	177	(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	$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..	507	758	708	668	720	884
..... percent..	9.1	13.6	12.7	12.0	12.9	15.9
Land in farms ..... acres..	44 513	55 376	52 787	45 590	38 046	43 860
Average size of farm ..... acres..	88	73	75	68	53	50
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	507	758	708	668	720	884
..... $1,000..	17 843	11 675	4 991	2 360	1 162	230
Average per farm ..... dollars..	35 194	15 402	7 049	3 533	1 614	260
Farms by value of sales:						
Less than $1,000 (see text)	–	1	–	4	6	884
$1,000 to $2,499	–	1	–	6	714	–
$2,500 to $4,999	–	1	5	658	–	–
$5,000 to $9,999	–	4	703	–	–	–
$10,000 to $19,999	1	599	–	–	–	–
$20,000 to $24,999	1	152	–	–	–	–
$25,000 to $39,999	358	–	–	–	–	–
$40,000 to $49,999	147	–	–	–	–	–
$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..	11	20	13	6	5	–
..... $1,000..	110	139	16	5	5	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Corn for grain ..... farms..	10	15	5	3	3	–
..... $1,000..	72	121	10	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Soybeans ..... farms..	2	2	–	–	–	–
..... $1,000..	(D)	(D)	–	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Oats ..... farms..	–	1	–	–	–	–
..... $1,000..	–	(D)	–	–	–	–
Other grains ..... farms..	1	4	8	3	2	–
..... $1,000..	(D)	4	6	(D)	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Tobacco ..... farms..	4	3	1	1	–	–
..... $1,000..	138	20	(D)	(D)	–	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms..	121	230	281	246	223	129
..... $1,000..	1 849	2 101	1 358	617	(D)	61
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms..	139	210	127	69	33	15
..... $1,000..	2 880	2 420	723	181	35	4
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms..	153	158	118	71	68	67
..... $1,000..	3 744	1 740	562	186	89	24
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms..	161	228	144	146	126	136
..... $1,000..	4 657	2 753	746	440	166	40
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Other crops ..... farms..	28	49	53	35	46	12
..... $1,000..	193	297	193	93	52	6
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Poultry and poultry products ..... farms..	37	45	58	65	68	53
..... $1,000..	695	137	41	49	36	13
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Dairy products ..... farms..	44	18	4	2	2	–
..... $1,000..	1 371	231	(D)	(D)	(D)	–
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
..... $1,000..	–	–	–	–	–	–
Cattle and calves ..... farms..	91	134	174	163	172	83
..... $1,000..	568	714	553	400	220	44
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..	269	1	3	5	5	14
$1,000..	2 265	(D)	(D)	(D)	(D)	307
Sales of $50,000 or more ..... farms..	7	–	1	1	2	3
$1,000..	905	–	(D)	(D)	(D)	186
Sheep, lambs, and wool ..... farms..	396	–	2	6	5	12
$1,000..	475	–	(D)	(D)	(D)	7
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	557	2	4	8	22	29
$1,000..	12 190	(D)	1 910	655	1 485	821
Sales of $50,000 or more ..... farms..	26	2	3	2	10	9
$1,000..	9 298	(D)	(D)	(D)	1 414	678
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 226	7	16	50	106	123
$1,000..	19 825	1 542	1 777	5 257	5 342	2 593
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	5 565	75	98	195	398	567
$1,000..	311 068	107 735	44 081	45 586	42 644	26 771
Average per farm ..... dollars..	55 897	1 436 471	449 807	233 776	107 147	47 215
Livestock and poultry purchased ..... farms..	1 075	7	20	39	70	118
$1,000..	7 408	1 265	1 310	1 098	1 567	696
Farms with expenses of—						
$1 to $4,999	831	–	3	13	12	50
$5,000 to $24,999	180	1	6	11	35	67
$25,000 to $99,999	52	1	7	13	22	1
$100,000 to $249,999	8	3	3	2	–	–
$250,000 or more	4	2	1	–	1	–
Feed for livestock and poultry ..... farms..	2 161	11	28	74	139	193
$1,000..	31 880	4 891	4 845	7 311	5 473	4 628
Farms with expenses of—						
$1 to $4,999	1 590	1	1	10	21	47
$5,000 to $24,999	241	1	1	1	37	34
$25,000 to $99,999	259	1	6	27	74	112
$100,000 to $249,999	58	3	15	33	7	–
$250,000 or more	13	5	5	3	–	–
Commercially mixed formula feeds ..... farms..	1 492	10	28	69	130	155
$1,000..	23 392	4 012	3 684	5 902	3 914	3 370
Farms with expenses of—						
$1 to $4,999	1 016	–	1	7	20	24
$5,000 to $24,999	238	1	5	1	49	61
$25,000 to $99,999	192	3	7	36	61	70
$100,000 or more	46	6	15	25	–	–
Seeds, bulbs, plants, and trees ..... farms..	2 422	44	61	126	291	361
$1,000..	15 829	8 049	2 111	1 466	1 761	1 210
Farms with expenses of—						
$1 to $999	1 441	3	4	12	83	124
$1,000 to $4,999	603	–	8	45	110	159
$5,000 to $24,999	282	9	28	47	80	75
$25,000 to $49,999	47	5	11	15	14	2
$50,000 or more	49	27	10	7	4	1
Commercial fertilizer ..... farms..	3 478	69	87	180	340	506
$1,000..	10 273	2 920	1 545	1 691	1 500	1 035
Farms with expenses of—						
$1 to $4,999	3 061	7	20	77	243	446
$5,000 to $24,999	343	28	48	86	93	60
$25,000 to $49,999	49	18	13	15	3	–
$50,000 or more	25	16	6	2	1	–
Agricultural chemicals ..... farms..	2 425	65	84	170	305	407
$1,000..	8 299	3 099	1 154	1 313	1 133	772
Farms with expenses of—						
$1 to $4,999	2 123	15	26	84	234	371
$5,000 to $24,999	242	19	45	74	68	36
$25,000 to $49,999	37	12	10	11	3	–
$50,000 or more	23	19	3	1	–	–
Petroleum products ..... farms..	5 245	73	98	190	385	559
$1,000..	14 893	4 414	1 933	1 861	2 286	1 532
Farms with expenses of—						
$1 to $4,999	4 665	1	7	56	228	459
$5,000 to $24,999	498	26	73	125	148	100
$25,000 to $49,999	45	20	11	5	9	–
$50,000 or more	37	26	7	4	–	–
Gasoline and gasohol ..... farms..	4 313	64	89	171	320	494
$1,000..	4 901	944	607	548	783	615
Diesel fuel ..... farms..	3 107	67	81	156	288	422
$1,000..	3 264	806	388	470	533	358
Natural gas ..... farms..	246	13	11	15	50	36
$1,000..	1 096	403	269	110	158	48
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	3 619	73	94	188	367	529
$1,000..	5 631	2 261	668	732	812	512

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..	25	54	57	48	39	18
$1,000..	506	376	189	75	35	8
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	21	43	70	64	112	61
$1,000..	35	50	131	70	107	17
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	55	84	116	97	105	35
$1,000..	1 098	695	469	238	(D)	13
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	129	207	199	155	143	91
$1,000..	1 235	1 095	580	233	140	32
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	525	729	727	661	713	877
$1,000..	13 225	10 052	5 629	5 483	3 380	6 481
Average per farm .....dollars..	25 191	13 788	7 742	8 294	4 741	7 390
Livestock and poultry purchased ..... farms..	109	133	140	130	141	168
$1,000..	643	230	172	142	79	208
Farms with expenses of—						
$1 to $4,999	77	122	128	119	141	166
$5,000 to $24,999	24	11	12	11	–	2
$25,000 to $99,999	8	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	176	253	278	290	345	374
$1,000..	2 220	704	419	575	275	539
Farms with expenses of—						
$1 to $4,999	55	213	274	265	345	358
$5,000 to $24,999	83	40	4	24	–	16
$25,000 to $99,999	38	–	–	1	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	133	187	212	181	201	186
$1,000..	1 437	429	203	194	92	154
Farms with expenses of—						
$1 to $4,999	33	163	210	172	201	185
$5,000 to $24,999	85	24	2	9	–	1
$25,000 to $99,999	15	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	302	398	305	260	174	100
$1,000..	600	326	175	80	31	19
Farms with expenses of—						
$1 to $999	173	279	241	250	173	99
$1,000 to $4,999	93	113	63	10	1	1
$5,000 to $24,999	36	6	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Commercial fertilizer ..... farms..	408	524	407	347	284	326
$1,000..	523	468	209	179	80	124
Farms with expenses of—						
$1 to $4,999	386	518	407	347	284	326
$5,000 to $24,999	22	6	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Agricultural chemicals ..... farms..	280	376	282	204	117	135
$1,000..	311	289	118	63	14	33
Farms with expenses of—						
$1 to $4,999	279	376	282	204	117	135
$5,000 to $24,999	–	–	–	–	–	–
$25,000 to $49,999	1	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Petroleum products ..... farms..	508	696	704	632	684	716
$1,000..	771	738	458	365	235	300
Farms with expenses of—						
$1 to $4,999	495	685	702	632	684	716
$5,000 to $24,999	13	11	2	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	374	534	598	507	575	587
$1,000..	291	329	255	204	145	180
Diesel fuel ..... farms..	292	431	372	395	273	330
$1,000..	152	218	(D)	104	(D)	95
Natural gas ..... farms..	48	35	9	24	5	–
$1,000..	65	26	(D)	11	(D)	–
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	449	488	467	389	258	317
$1,000..	263	164	104	47	43	25

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..	3 690	75	95	185	357	485
$1,000..	7 715	1 843	939	1 190	1 441	944
Farms with expenses of—						
$1 to $999	2 299	2	7	15	64	187
$1,000 to $4,999	1 029	16	27	65	195	260
$5,000 to $24,999	332	32	58	103	98	38
$25,000 to $49,999	18	14	3	1	–	–
$50,000 or more	12	11	–	1	–	–
Hired farm labor ..... farms..	2 188	75	95	183	331	327
$1,000..	81 630	38 776	12 414	13 010	10 164	3 796
Farms with expenses of—						
$1 to $4,999	1 096	–	–	2	30	99
$5,000 to $24,999	553	–	6	18	130	198
$25,000 to $99,999	371	8	34	124	164	30
$100,000 to $249,999	109	17	48	37	7	–
$250,000 or more	59	50	7	2	–	–
Workers by days worked:						
150 days or more ..... farms..	988	75	88	169	250	164
workers..	4 635	1 937	597	730	674	329
Less than 150 days ..... farms..	1 933	61	70	151	266	291
workers..	9 295	1 605	873	1 068	1 395	1 307
Contract labor ..... farms..	690	29	33	74	83	130
$1,000..	7 276	1 981	1 122	1 584	1 262	625
Farms with expenses of—						
$1 to $999	221	2	–	11	6	40
$1,000 to $4,999	233	1	5	12	24	48
$5,000 to $24,999	160	6	12	29	38	39
$25,000 to $49,999	43	10	8	12	11	2
$50,000 or more	33	10	8	10	4	1
Repair and maintenance ..... farms..	4 716	75	95	195	359	537
$1,000..	22 779	7 200	2 288	2 592	2 808	2 098
Farms with expenses of—						
$1 to $4,999	3 879	1	9	42	170	396
$5,000 to $24,999	697	21	49	131	175	139
$25,000 to $49,999	98	25	28	20	12	2
$50,000 or more	42	28	9	2	2	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	1 061	50	53	84	111	190
$1,000..	7 089	3 032	1 236	656	697	945
Farms with expenses of—						
$1 to $999	530	4	1	6	34	87
$1,000 to $4,999	286	8	13	38	30	36
$5,000 to $24,999	186	16	23	35	40	58
$25,000 to $49,999	33	4	10	3	7	9
$50,000 or more	26	18	6	2	–	–
Interest ..... farms..	1 580	61	91	134	240	312
$1,000..	15 766	4 010	2 709	2 019	2 332	1 923
Farms with expenses of—						
$1 to $4,999	900	8	15	38	95	177
$5,000 to $24,999	562	17	38	78	131	123
$25,000 to $99,999	95	21	34	16	12	12
$100,000 or more	23	15	4	2	2	–
Secured by real estate ..... farms..	1 193	47	72	96	179	225
$1,000..	13 039	3 271	2 257	1 636	1 839	1 627
Farms with expenses of—						
$1 to $999	108	–	1	2	8	11
$1,000 to $4,999	520	4	11	22	50	105
$5,000 to $24,999	468	13	29	57	111	98
$25,000 to $49,999	52	7	19	7	8	11
$50,000 or more	45	23	12	8	2	–
Not secured by real estate ..... farms..	628	27	41	78	102	134
$1,000..	2 727	738	452	383	493	296
Farms with expenses of—						
$1 to $999	203	1	5	13	19	62
$1,000 to $4,999	295	7	12	41	51	46
$5,000 to $24,999	112	9	19	23	30	26
$25,000 to $49,999	12	5	4	1	2	–
$50,000 or more	6	5	1	–	–	–
Cash rent ..... farms..	900	30	45	101	154	174
$1,000..	6 393	2 427	1 228	1 273	549	482
Farms with expenses of—						
$1 to $4,999	709	5	10	56	122	139
$5,000 to $9,999	77	2	7	14	19	23
$10,000 to $24,999	68	2	18	19	11	11
$25,000 or more	46	21	10	12	2	1
Property taxes ..... farms..	5 138	67	92	180	362	522
$1,000..	19 915	3 115	1 111	1 426	2 161	1 664
Farms with expenses of—						
$1 to $4,999	4 217	12	32	68	213	405
$5,000 to $9,999	601	9	21	63	77	93
$10,000 to $24,999	253	15	27	47	67	24
$25,000 or more	67	31	12	2	5	–
All other farm production expenses..... farms..	5 081	74	98	195	398	567
$1,000..	53 923	20 715	8 136	7 096	7 511	4 421
Farms with expenses of—						
$1 to $4,999	3 876	–	3	22	90	282
$5,000 to $24,999	849	11	13	75	219	264
$25,000 to $49,999	157	4	17	44	69	21
$50,000 to $99,999	97	9	31	37	19	–
$100,000 or more	102	50	34	17	1	–

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..	353	504	381	409	341	505
$1,000..	436	280	144	157	106	234
Farms with expenses of—						
$1 to $999	161	407	359	369	300	428
$1,000 to $4,999	191	97	22	38	41	77
$5,000 to $24,999	1	–	–	2	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Hired farm labor ..... farms..	280	296	205	171	94	131
$1,000..	1 363	1 330	248	274	43	213
Farms with expenses of—						
$1 to $4,999	167	215	202	161	92	128
$5,000 to $24,999	109	78	3	9	2	–
$25,000 to $99,999	4	3	–	1	–	3
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Workers by days worked:						
150 days or more ..... farms..	84	80	24	18	11	25
workers..	145	142	26	18	12	25
Less than 150 days ..... farms..	256	252	205	170	93	118
workers..	915	885	513	335	104	295
Contract labor ..... farms..	95	100	25	74	25	22
$1,000..	343	202	38	79	28	12
Farms with expenses of—						
$1 to $999	19	30	16	58	17	22
$1,000 to $4,999	54	59	7	15	8	–
$5,000 to $24,999	22	11	2	1	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Repair and maintenance ..... farms..	519	610	597	566	494	669
$1,000..	1 242	1 165	1 024	747	494	1 123
Farms with expenses of—						
$1 to $4,999	469	566	556	532	489	649
$5,000 to $24,999	48	44	41	34	4	11
$25,000 to $49,999	1	–	–	–	1	9
$50,000 or more	1	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	132	135	60	62	69	115
$1,000..	175	181	31	25	34	77
Farms with expenses of—						
$1 to $999	68	92	49	59	58	72
$1,000 to $4,999	63	30	11	3	11	43
$5,000 to $24,999	1	13	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Interest ..... farms..	195	171	130	58	74	114
$1,000..	1 017	685	383	184	187	317
Farms with expenses of—						
$1 to $4,999	140	120	99	44	65	99
$5,000 to $24,999	55	51	31	14	9	15
$25,000 to $99,999	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–
Secured by real estate ..... farms..	143	131	97	40	53	110
$1,000..	844	588	358	160	144	315
Farms with expenses of—						
$1 to $999	24	15	11	1	8	27
$1,000 to $4,999	72	65	55	25	43	68
$5,000 to $24,999	47	51	31	14	2	15
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Not secured by real estate ..... farms..	74	66	34	18	36	18
$1,000..	172	97	25	25	43	3
Farms with expenses of—						
$1 to $999	13	24	19	9	20	18
$1,000 to $4,999	56	42	15	9	16	–
$5,000 to $24,999	5	–	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Cash rent ..... farms..	91	125	83	49	19	29
$1,000..	136	205	38	34	3	17
Farms with expenses of—						
$1 to $4,999	85	112	83	49	19	29
$5,000 to $9,999	3	9	–	–	–	–
$10,000 to $24,999	3	4	–	–	–	–
$25,000 or more	–	–	–	–	–	–
Property taxes ..... farms..	454	676	610	629	673	873
$1,000..	1 328	1 727	1 530	1 908	1 403	2 541
Farms with expenses of—						
$1 to $4,999	400	595	552	560	638	742
$5,000 to $9,999	41	69	54	45	31	98
$10,000 to $24,999	12	10	2	13	4	32
$25,000 or more	1	2	2	11	–	1
All other farm production expenses..... farms..	524	728	664	563	545	725
$1,000..	2 119	1 522	641	669	369	723
Farms with expenses of—						
$1 to $4,999	394	628	662	538	545	712
$5,000 to $24,999	128	100	2	24	–	13
$25,000 to $49,999	2	–	–	–	–	–
$50,000 to $99,999	–	–	–	1	–	–
$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..	5 571	75	98	195	398	567
$1,000..	136 441	66 192	22 231	20 134	18 324	14 042
Average per farm ..... dollars..	24 491	882 555	226 847	103 250	46 041	24 766
Farms with net gains[2] ..... number..	2 876	73	92	177	349	482
Average net gain ..... dollars..	55 646	(D)	245 783	118 315	61 185	31 400
Gain of—						
Less than $1,000	272	–	–	–	1	7
$1,000 to $9,999	1 085	1	3	2	23	69
$10,000 to $49,999	938	–	5	35	123	323
$50,000 or more	581	72	84	140	202	83
Farms with net losses ..... number..	2 695	2	6	18	49	85
Average net loss ..... dollars..	8 756	(D)	63 503	44 882	61 818	12 856
Loss of—						
Less than $1,000	404	–	–	–	1	–
$1,000 to $9,999	1 722	–	–	3	8	47
$10,000 to $49,999	530	–	4	11	29	37
$50,000 or more	39	2	2	4	11	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	401	5	16	57	88	57
$1,000..	1 209	50	202	345	252	89
Other farm-related income[1] ..... farms..	1 340	8	26	59	88	151
$1,000..	7 773	177	337	677	2 149	1 070
Customwork and other agricultural services ..... farms..	416	1	6	13	38	30
$1,000..	3 484	(D)	(D)	112	1 868	274
Gross cash rent or share payments ..... farms..	254	2	4	3	10	16
$1,000..	598	(D)	9	(D)	28	41
Forest products, excluding Christmas trees and maple products ..... farms..	487	–	3	12	20	40
$1,000..	1 997	–	(D)	(D)	100	584
Other farm-related income sources ..... farms..	452	6	20	48	50	87
$1,000..	1 695	124	218	350	154	172
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	7	–	1	1	5	–
$1,000..	137	–	(D)	(D)	(D)	–
Corn ..... farms..	7	–	1	1	5	–
$1,000..	137	–	(D)	(D)	(D)	–
Wheat ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
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..	4 990	71	94	199	474	460
acres..	223 573	16 924	15 111	26 196	36 639	25 482
Harvested cropland ..... farms..	4 587	69	93	197	466	449
acres..	168 765	15 231	13 730	21 880	29 114	19 253
Farms by acres harvested:						
1 to 49 acres	3 675	20	31	95	286	330
50 to 99 acres	469	6	27	25	82	64
100 to 199 acres	279	22	7	35	61	33
200 to 499 acres	146	14	22	40	35	22
500 to 999 acres	14	3	6	2	2	–
1,000 to 1,999 acres	4	4	–	–	–	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	1 621	8	12	59	125	104
acres..	39 471	1 027	575	3 162	5 729	4 308
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	296	1	8	17	33	34
acres..	3 961	(D)	335	671	685	485
On which all crops failed ..... farms..	165	3	2	6	26	25
acres..	1 201	(D)	(D)	46	245	132
In cultivated summer fallow ..... farms..	70	1	1	4	7	10
acres..	409	(D)	(D)	38	40	35
Idle ..... farms..	661	19	15	26	61	69
acres..	9 766	607	443	399	826	1 269
Total woodland ..... farms..	3 011	24	46	110	234	218
acres..	197 075	(D)	(D)	13 703	21 400	13 989
Woodland pastured ..... farms..	734	1	3	32	50	51
acres..	20 194	(D)	(D)	2 121	1 624	1 409
Woodland not pastured ..... farms..	2 726	24	45	105	214	198
acres..	176 881	(D)	(D)	11 582	19 776	12 580

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..	525	729	727	661	713	883
$1,000..	5 944	1 691	–430	–3 152	–2 260	–6 276
Average per farm ..... dollars..	11 322	2 320	–592	–4 768	–3 169	–7 108
Farms with net gains[2] ..... number..	434	503	422	184	122	38
Average net gain ..... dollars..	17 846	7 406	3 284	1 443	907	(D)
Gain of—						
Less than $1,000	8	27	44	70	77	38
$1,000 to $9,999	87	363	378	114	45	–
$10,000 to $49,999	339	113	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Farms with net losses ..... number..	91	226	305	477	591	845
Average net loss ..... dollars..	19 793	9 001	5 954	7 164	4 010	(D)
Loss of—						
Less than $1,000	15	29	54	96	108	101
$1,000 to $9,999	24	131	195	280	453	581
$10,000 to $49,999	40	65	55	99	30	160
$50,000 or more	12	1	1	2	–	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	35	63	27	27	20	6
$1,000..	73	127	31	28	12	2
Other farm-related income[1] ..... farms..	143	168	201	174	125	197
$1,000..	761	705	472	529	352	546
Customwork and other agricultural services ..... farms..	49	57	83	50	38	51
$1,000..	271	354	250	84	104	53
Gross cash rent or share payments ..... farms..	30	34	35	27	28	65
$1,000..	130	27	73	18	44	205
Forest products, excluding Christmas trees and maple products ..... farms..	68	40	43	97	70	94
$1,000..	165	176	84	413	152	84
Other farm-related income sources ..... farms..	54	59	47	34	13	34
$1,000..	195	147	66	14	52	203
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Corn ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Wheat ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Soybeans ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sorghum, barley, and oats ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
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..	479	713	641	581	601	677
acres..	19 841	24 440	20 136	15 555	12 033	11 216
Harvested cropland ..... farms..	459	683	605	519	523	524
acres..	15 272	18 592	13 431	9 874	6 928	5 460
Farms by acres harvested:						
1 to 49 acres	358	542	523	477	499	514
50 to 99 acres	48	92	65	30	21	9
100 to 199 acres	47	44	17	9	3	1
200 to 499 acres	5	5	–	3	–	–
500 to 999 acres	1	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	111	181	222	221	243	335
acres..	2 881	4 328	4 598	4 260	4 028	4 575
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	43	40	31	32	26	31
acres..	482	304	275	324	145	(D)
On which all crops failed ..... farms..	29	22	19	14	9	10
acres..	214	172	149	116	29	57
In cultivated summer fallow ..... farms..	7	18	8	7	5	2
acres..	44	149	36	17	22	(D)
Idle ..... farms..	72	92	102	70	71	64
acres..	948	895	1 647	964	881	887
Total woodland ..... farms..	271	381	413	385	434	495
acres..	17 501	22 510	24 879	22 749	20 107	24 422
Woodland pastured ..... farms..	64	80	115	106	94	138
acres..	2 508	1 954	2 686	2 723	1 599	2 720
Woodland not pastured ..... farms..	250	351	372	334	398	435
acres..	14 993	20 556	22 193	20 026	18 508	21 702

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..	885	2	14	41	69	54
acres..	24 183	(D)	(D)	2 582	3 884	2 368
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 734	62	82	162	350	333
acres..	73 468	16 016	4 657	5 961	10 615	5 813
Irrigated land ..... farms..	1 630	61	62	123	292	261
acres..	24 564	7 953	2 994	3 878	4 463	2 464
Harvested cropland irrigated ..... farms..	1 614	61	62	123	290	261
acres..	24 269	(D)	(D)	(D)	4 410	(D)
Pasture and other land irrigated ..... farms..	45	2	2	1	8	2
acres..	295	(D)	(D)	(D)	53	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	71	–	–	2	8	3
acres..	2 690	–	–	(D)	128	(D)
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	5 571	75	98	195	398	567
$1,000..	2 534 884	272 077	119 841	179 956	281 764	241 846
Average per farm ..... dollars..	455 014	3 627 688	1 222 871	922 851	707 949	426 536
Average per acre ..... dollars..	5 207	5 919	5 094	3 927	4 485	4 928
Farms by value group:						
$1 to $39,999	411	1	–	1	2	21
$40,000 to $69,999	300	–	–	1	7	37
$70,000 to $99,999	175	–	1	1	4	13
$100,000 to $149,999	464	–	1	7	26	36
$150,000 to $199,999	741	2	1	7	16	65
$200,000 to $499,999	2 029	5	21	46	151	213
$500,000 to $999,999	909	20	31	61	97	129
$1,000,000 to $1,999,999	374	19	21	52	76	46
$2,000,000 to $4,999,999	147	17	21	19	18	7
$5,000,000 or more	21	11	1	–	1	–
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	5 571	75	98	195	398	567
$1,000..	225 043	24 178	16 039	24 777	30 008	26 510
Farms by value group:						
$1 to $4,999	744	–	–	3	8	12
$5,000 to $9,999	764	2	1	5	11	58
$10,000 to $19,999	1 266	2	6	9	49	111
$20,000 to $49,999	1 490	10	13	19	104	164
$50,000 to $99,999	708	8	18	43	101	161
$100,000 to $199,999	442	13	28	77	102	50
$200,000 to $499,999	135	28	27	35	22	11
$500,000 or more	22	12	5	4	1	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	4 836	75	98	195	397	532
number..	10 539	865	563	778	1 174	1 298
Wheel tractors ..... farms..	4 655	64	88	167	344	476
number..	10 334	393	436	664	914	1 221
Less than 40 horsepower (PTO) ..... farms..	3 441	43	58	116	230	327
number..	5 650	172	162	241	413	564
40 horsepower (PTO) or more ..... farms..	2 613	54	74	133	251	381
number..	4 684	221	274	423	501	657
40 to 99 horsepower (PTO) ..... farms..	2 462	50	74	128	226	323
number..	4 025	146	214	329	427	502
100 horsepower (PTO) or more ..... farms..	436	18	27	51	53	108
number..	659	75	60	94	74	155
Grain and bean combines ..... farms..	50	2	4	5	11	2
number..	54	(D)	5	6	11	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	1 433	10	21	64	117	173
number..	1 590	11	28	75	140	181
Pickup balers ..... farms..	1 389	6	16	51	108	165
number..	1 651	8	23	68	153	211
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	3 442	68	87	180	338	505
acres on which used..	112 983	15 175	12 338	19 817	18 478	15 553
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	1 689	62	71	126	247	305
acres on which used..	39 570	11 087	5 542	6 962	6 068	4 062
Nematodes in crops ..... farms..	191	16	12	19	26	34
acres on which used..	4 019	823	1 160	595	770	216
Diseases in crops and orchards ..... farms..	1 152	48	47	86	158	253
acres on which used..	24 869	7 864	3 545	3 450	3 598	3 113
Weeds, grass, or brush in crops and pasture ..... farms..	1 397	49	55	118	241	322
acres on which used..	48 093	11 379	7 401	9 858	9 127	4 994
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	176	6	8	21	30	50
acres on which used..	4 195	664	477	846	743	739

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..	68	95	112	119	120	191
acres..	2 444	2 476	1 995	2 586	2 228	2 648
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	338	463	462	440	483	559
acres..	4 727	5 950	5 777	4 700	3 678	5 574
Irrigated land ..... farms..	225	264	133	103	62	44
acres..	1 219	846	284	209	142	112
Harvested cropland irrigated ..... farms..	224	263	133	99	60	38
acres..	1 208	(D)	265	193	134	77
Pasture and other land irrigated ..... farms..	3	2	5	9	3	8
acres..	11	(D)	19	16	8	35
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	8	15	13	13	8	1
acres..	479	947	435	398	139	(D)
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms..	525	729	727	661	713	883
$1,000..	203 451	302 390	201 400	253 965	189 495	288 699
Average per farm ..... dollars..	387 525	414 800	277 029	384 214	265 771	326 953
Average per acre ..... dollars..	5 750	5 858	4 361	5 195	5 282	6 924
Farms by value group:						
$1 to $39,999	42	60	91	59	76	58
$40,000 to $69,999	48	38	56	46	19	48
$70,000 to $99,999	29	16	26	22	48	15
$100,000 to $149,999	64	68	74	65	71	52
$150,000 to $199,999	62	83	88	112	153	152
$200,000 to $499,999	156	279	287	219	271	381
$500,000 to $999,999	85	135	93	72	52	134
$1,000,000 to $1,999,999	33	32	5	44	16	30
$2,000,000 to $4,999,999	4	15	6	21	6	13
$5,000,000 or more	2	3	1	1	1	–
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	525	729	727	661	713	883
$1,000..	15 799	20 714	17 094	17 800	14 031	18 093
Farms by value group:						
$1 to $4,999	41	103	72	129	144	232
$5,000 to $9,999	60	119	108	105	139	156
$10,000 to $19,999	148	147	247	127	185	235
$20,000 to $49,999	198	230	212	202	185	153
$50,000 to $99,999	52	78	66	64	45	72
$100,000 to $199,999	22	50	21	32	12	35
$200,000 to $499,999	4	2	1	2	3	–
$500,000 or more	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms..	480	630	583	545	601	700
number..	805	1 167	960	878	992	1 059
Wheel tractors ..... farms..	423	621	632	569	580	691
number..	929	1 239	1 176	1 108	1 124	1 130
Less than 40 horsepower (PTO) ..... farms..	316	426	484	444	477	520
number..	560	650	719	677	721	771
40 horsepower (PTO) or more ..... farms..	218	371	327	279	254	271
number..	369	589	457	431	403	359
40 to 99 horsepower (PTO) ..... farms..	216	351	316	278	244	256
number..	341	531	432	413	360	330
100 horsepower (PTO) or more ..... farms..	27	50	24	18	34	26
number..	28	58	25	18	43	29
Grain and bean combines ..... farms..	4	9	4	–	9	–
number..	5	9	4	–	10	–
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	127	189	179	203	167	183
number..	136	209	195	230	180	205
Pickup balers ..... farms..	106	153	258	198	194	134
number..	131	160	289	234	224	150
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	405	505	408	346	271	329
acres on which used..	5 529	9 927	4 945	4 796	2 668	3 757
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	204	241	150	139	58	86
acres on which used..	2 131	1 766	675	864	129	284
Nematodes in crops ..... farms..	11	42	8	11	–	12
acres on which used..	68	333	16	26	–	12
Diseases in crops and orchards ..... farms..	125	125	115	77	36	82
acres on which used..	984	860	582	531	71	271
Weeds, grass, or brush in crops and pasture ..... farms..	138	168	136	94	31	45
acres on which used..	1 961	1 807	583	697	99	187
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	26	14	8	10	3	–
acres on which used..	312	357	8	46	3	–

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
TENURE AND RACE OF OPERATOR						
All operators	5 574	75	98	203	484	469
Full owners	3 791	43	45	78	254	249
Part owners	1 313	23	43	98	184	165
Tenants	470	9	10	27	46	55
White	5 538	75	96	203	481	466
Full owners	3 760	43	44	78	252	246
Part owners	1 310	23	42	98	183	165
Tenants	468	9	10	27	46	55
Black and other races	36	–	2	–	3	3
Full owners	31	–	1	–	2	3
Part owners	3	–	1	–	1	–
Tenants	2	–	–	–	–	–
OWNED AND RENTED LAND						
Land owned ... farms	5 105	66	88	176	438	414
acres	420 885	38 807	15 051	31 466	52 204	36 146
Owned land in farms ... farms	5 104	66	88	176	438	414
acres	408 639	38 562	14 943	31 340	51 260	34 248
Land rented or leased from others ... farms	1 794	32	53	125	232	221
acres	110 716	7 539	8 585	17 116	21 315	13 451
landlords	5 226	194	318	617	893	612
Rented or leased land in farms ... farms	1 783	32	53	125	230	220
acres	109 660	7 407	8 583	17 102	21 278	13 404
Land rented or leased to others ... farms	371	5	5	8	24	33
acres	13 302	377	110	140	981	1 945
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	4 203	23	61	119	310	321
Not on farm operated	1 074	47	33	67	152	120
Not reported	297	5	4	17	22	28
Operators by principal occupation:						
Farming	2 927	68	93	184	415	375
Other	2 647	7	5	19	69	94
Operators by days worked off farm:						
None	2 285	61	77	150	316	265
Any	2 980	7	12	38	134	176
1 to 99 days	549	4	6	19	58	54
100 to 199 days	567	1	–	5	32	45
200 days or more	1 864	2	6	14	44	77
Not reported	309	7	9	15	34	28
Operators by years on present farm:						
2 years or less	175	2	4	5	12	12
3 or 4 years	286	2	4	7	20	18
5 to 9 years	669	8	9	22	43	54
10 years or more	3 685	51	68	141	342	303
Average years on present farm	20.7	22.6	22.1	21.8	21.0	19.2
Not reported	759	12	13	28	67	82
Operators by age group:						
Under 25 years	31	–	–	–	4	1
25 to 34 years	253	3	2	9	25	22
35 to 44 years	1 071	9	22	49	112	124
45 to 49 years	785	16	17	37	72	79
50 to 54 years	836	16	24	31	86	56
55 to 59 years	646	14	6	26	52	65
60 to 64 years	500	6	11	20	51	23
65 to 69 years	455	3	7	12	25	34
70 years and over	997	8	9	19	57	65
Average age	54.9	53.0	52.7	51.9	52.0	52.5
Operators by sex:						
Male	4 648	73	93	191	448	427
Female	926	2	5	12	36	42
Operators of Spanish, Hispanic, or Latino origin (see text)	37	2	–	2	3	3
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	4 496	8	29	76	288	339
acres	330 825	1 409	7 735	13 500	45 884	32 108
Partnership ... farms	443	7	18	37	79	59
acres	71 602	4 302	6 008	14 026	17 207	9 115
Corporation:						
Family held ... farms	494	45	41	84	96	57
acres	88 355	33 451	7 979	19 576	7 649	4 397
More than 10 stockholders ... farms	11	5	3	2	–	–
10 or less stockholders ... farms	483	40	38	82	96	57
Other than family held ... farms	60	11	6	4	12	5
acres	7 964	3 406	(D)	(D)	692	96
More than 10 stockholders ... farms	8	5	1	–	1	–
10 or less stockholders ... farms	52	6	5	4	11	5
Other—cooperative, estate or trust, institutional, etc. ... farms	81	4	4	2	9	9
acres	19 553	3 401	(D)	(D)	1 106	1 936

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	507	758	708	668	720	884
Full owners	323	476	477	520	576	750
Part owners	125	193	168	116	102	96
Tenants	59	89	63	32	42	38
White	498	753	706	663	716	881
Full owners	314	473	475	515	573	747
Part owners	125	192	168	116	102	96
Tenants	59	88	63	32	41	38
Black and other races	9	5	2	5	4	3
Full owners	9	3	2	5	3	3
Part owners	–	1	–	–	–	–
Tenants	–	1	–	–	1	–
OWNED AND RENTED LAND						
Land owned ... farms	448	669	645	636	679	846
acres	35 236	44 432	46 540	41 796	36 449	42 758
Owned land in farms ... farms	448	669	645	636	678	846
acres	34 072	42 785	44 899	40 353	34 993	41 184
Land rented or leased from others ... farms	184	282	234	150	144	137
acres	10 443	12 591	8 383	5 260	3 319	2 714
landlords	452	769	523	351	267	230
Rented or leased land in farms ... farms	184	282	231	148	144	134
acres	10 441	12 591	7 888	5 237	3 053	2 676
Land rented or leased to others ... farms	30	48	55	55	45	63
acres	1 166	1 647	2 136	1 466	1 722	1 612
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	369	544	570	539	607	740
Not on farm operated	114	163	96	89	85	108
Not reported	24	51	42	40	28	36
Operators by principal occupation:						
Farming	325	391	316	271	212	277
Other	182	367	392	397	508	607
Operators by days worked off farm:						
None	221	283	227	218	206	261
Any	254	442	438	417	482	580
1 to 99 days	67	90	69	66	56	60
100 to 199 days	57	105	85	70	72	95
200 days or more	130	247	284	281	354	425
Not reported	32	33	43	33	32	43
Operators by years on present farm:						
2 years or less	23	17	23	14	24	39
3 or 4 years	17	40	43	42	40	53
5 to 9 years	73	102	85	76	90	107
10 years or more	332	497	466	428	486	571
Average years on present farm	20.7	20.6	21.8	21.0	21.7	19.2
Not reported	62	102	91	108	80	114
Operators by age group:						
Under 25 years	4	7	2	2	6	5
25 to 34 years	29	41	30	25	32	35
35 to 44 years	108	141	114	109	121	162
45 to 49 years	74	108	85	79	85	133
50 to 54 years	71	104	103	94	98	153
55 to 59 years	53	80	88	65	86	111
60 to 64 years	44	61	63	79	64	78
65 to 69 years	41	67	54	69	77	66
70 years and over	83	149	169	146	151	141
Average age	53.8	55.2	57.1	57.1	56.6	54.5
Operators by sex:						
Male	441	637	584	536	576	642
Female	66	121	124	132	144	242
Operators of Spanish, Hispanic, or Latino origin (see text)	5	3	3	3	6	7
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	392	641	633	596	678	816
acres	31 032	41 653	46 453	36 682	35 792	38 577
Partnership ... farms	56	47	39	46	20	35
acres	6 423	4 670	2 583	3 296	921	3 051
Corporation:						
Family held ... farms	43	50	24	16	14	24
acres	3 665	6 126	1 824	1 277	811	1 600
More than 10 stockholders ... farms	–	–	–	1	–	–
10 or less stockholders ... farms	43	50	24	15	14	24
Other than family held ... farms	4	7	2	1	3	5
acres	208	1 307	(D)	(D)	(D)	(D)
More than 10 stockholders ... farms	–	1	–	–	–	–
10 or less stockholders ... farms	4	6	2	1	3	5
Other—cooperative, estate or trust, institutional, etc. ... farms	12	13	10	9	5	4
acres	3 185	1 620	(D)	(D)	(D)	(D)

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
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	58	3	3	4	9	8
number..	66	5	3	5	9	10
Hired workers ..... farms..	86	15	16	17	12	5
number..	126	29	28	23	18	5
Farm-related deaths:						
Operator and family members ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Hired workers ..... farms..	2	1	–	1	–	–
number..	(D)	(D)	–	(D)	–	–
FARMS BY SIZE						
1 to 9 acres	1 254	7	11	21	58	91
10 to 49 acres	1 865	10	12	24	115	153
50 to 69 acres	485	3	5	14	45	46
70 to 99 acres	479	5	3	21	48	38
100 to 139 acres	456	4	5	21	52	30
140 to 179 acres	270	2	10	10	28	24
180 to 219 acres	206	4	8	16	34	22
220 to 259 acres	117	6	11	5	20	21
260 to 499 acres	291	11	22	40	58	32
500 to 999 acres	121	10	9	28	22	10
1,000 to 1,999 acres	26	10	2	3	3	2
2,000 acres or more	4	3	–	–	1	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	82	–	–	–	4	4
Vegetable and melon farming (1112)	625	6	6	26	63	91
Fruit and tree nut farming (1113)	865	26	33	62	168	114
Greenhouse, nursery, and floriculture production (1114)	1 044	26	25	37	95	118
Other crop farming (1119)	1 076	7	9	9	21	40
Tobacco farming (11191)	47	6	8	6	11	11
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	1	1	3	10	29
Beef cattle ranching and farming (112111)	472	–	1	1	2	2
Cattle feedlots (112112)	49	–	–	–	–	–
Dairy cattle and milk production (11212)	338	4	18	61	114	78
Hog and pig farming (1122)	118	–	1	1	–	5
Poultry and egg production (1123)	115	4	2	4	7	6
Sheep and goat farming (1124)	163	–	–	–	–	2
Animal aquaculture and other animal production (1125, 1129)	627	2	3	2	10	9
LIVESTOCK						
Cattle and calves inventory ..... farms..	1 420	6	24	74	139	111
number..	61 719	3 949	6 943	14 311	13 697	6 117
Farms with—						
1 to 9	545	1	3	3	10	8
10 to 49	535	–	–	7	11	35
50 to 99	178	–	3	3	52	63
100 to 199	95	–	1	25	58	4
200 to 499	59	1	13	36	8	1
500 or more	8	4	4	–	–	–
Cows and heifers that had calved ..... farms..	1 173	6	23	72	130	103
number..	33 704	2 316	4 084	7 921	8 389	3 406
Beef cows ..... farms..	799	2	5	15	18	33
number..	6 858	(D)	(D)	230	126	375
Farms with—						
1 to 9	564	1	3	9	14	22
10 to 49	226	1	2	5	4	10
50 to 99	8	–	–	–	–	1
100 to 199	1	–	–	1	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Milk cows ..... farms..	483	5	20	62	119	78
number..	26 846	(D)	(D)	7 691	8 263	3 031
Farms with—						
1 to 4	129	–	1	–	1	1
5 to 9	20	–	–	–	–	–
10 to 49	143	–	1	1	27	61
50 to 99	103	–	1	14	72	16
100 to 199	67	1	4	43	19	–
200 to 499	19	2	13	4	–	–
500 or more	2	2	–	–	–	–
Heifers and heifer calves ..... farms..	979	5	19	68	121	90
number..	22 688	1 573	2 328	5 835	4 940	2 210
Steers, steer calves, bulls, and bull calves ..... farms..	902	4	15	49	69	62
number..	5 327	60	531	555	368	501

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..	8	4	2	6	2	9
number..	8	4	(D)	6	(D)	10
Hired workers ..... farms..	4	7	3	5	1	1
number..	5	8	(D)	5	(D)	(D)
Farm-related deaths:						
Operator and family members ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Hired workers ..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
FARMS BY SIZE						
1 to 9 acres	110	210	161	159	181	245
10 to 49 acres	186	240	233	240	289	363
50 to 69 acres	41	56	64	61	76	74
70 to 99 acres	32	46	76	61	59	90
100 to 139 acres	42	84	73	51	38	56
140 to 179 acres	27	40	37	42	31	19
180 to 219 acres	17	27	21	26	20	11
220 to 259 acres	9	14	8	6	8	9
260 to 499 acres	30	30	27	14	17	10
500 to 999 acres	12	10	6	7	1	6
1,000 to 1,999 acres	1	1	2	1	–	1
2,000 acres or more	–	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	10	21	13	13	13	4
Vegetable and melon farming (1112)	86	164	105	49	22	7
Fruit and tree nut farming (1113)	96	107	71	54	59	75
Greenhouse, nursery, and floriculture production (1114)	132	170	98	124	105	114
Other crop farming (1119)	62	165	225	197	213	128
Tobacco farming (11191)	4	–	–	1	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	58	165	225	196	213	128
Beef cattle ranching and farming (112111)	15	32	69	94	126	130
Cattle feedlots (112112)	–	6	6	18	15	4
Dairy cattle and milk production (11212)	40	12	3	–	2	6
Hog and pig farming (1122)	14	23	26	20	16	12
Poultry and egg production (1123)	19	6	2	8	18	39
Sheep and goat farming (1124)	2	2	18	27	72	40
Animal aquaculture and other animal production (1125, 1129)	31	50	72	64	59	325
LIVESTOCK						
Cattle and calves inventory ..... farms..	104	151	206	189	200	216
number..	3 186	3 811	3 258	2 902	2 065	1 480
Farms with—						
1 to 9	26	49	78	83	107	177
10 to 49	52	78	121	100	93	38
50 to 99	24	21	7	5	–	–
100 to 199	2	3	–	1	–	1
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Cows and heifers that had calved ..... farms..	91	112	167	141	167	161
number..	1 670	1 507	1 468	1 235	1 084	624
Beef cows ..... farms..	54	94	153	131	154	140
number..	764	1 215	1 412	1 133	995	535
Farms with—						
1 to 9	32	54	90	84	121	134
10 to 49	20	36	63	46	33	6
50 to 99	2	4	–	1	–	–
100 to 199	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Milk cows ..... farms..	52	32	25	24	34	32
number..	906	292	56	102	89	89
Farms with—						
1 to 4	10	19	22	21	29	25
5 to 9	–	3	3	2	5	7
10 to 49	42	10	–	1	–	–
50 to 99	–	–	–	–	–	–
100 to 199	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	75	104	136	124	114	123
number..	1 131	1 578	942	1 092	581	478
Steers, steer calves, bulls, and bull calves ..... farms..	67	107	138	138	126	127
number..	385	726	848	575	400	378

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..	1 158	5	23	72	135	106
number..	24 849	1 263	3 603	5 334	5 551	2 693
$1,000..	6 424	200	976	1 108	1 011	629
Calves ..... farms..	674	5	20	60	120	84
number..	13 485	894	1 887	3 043	3 556	1 485
$1,000..	814	(D)	80	100	130	54
Cattle ..... farms..	970	5	21	66	125	95
number..	11 364	369	1 716	2 291	1 995	1 208
$1,000..	5 610	(D)	896	1 009	881	575
Fattened on grain and concentrates .... farms..	117	–	1	3	5	2
number..	1 158	–	(D)	(D)	49	(D)
$1,000..	834	–	(D)	(D)	28	(D)
Hogs and pigs inventory ..... farms..	383	1	5	7	8	19
number..	18 297	(D)	(D)	(D)	(D)	2 101
Farms with—						
1 to 24	286	–	3	5	6	10
25 to 49	35	1	–	1	–	3
50 to 99	21	–	–	–	1	1
100 to 199	17	–	–	–	–	2
200 to 499	15	–	1	–	–	1
500 or more	9	–	1	1	1	2
Used or to be used for breeding ..... farms..	177	–	2	–	3	10
number..	2 388	–	(D)	–	(D)	368
Other ..... farms..	351	1	5	7	7	17
number..	15 909	(D)	(D)	(D)	(D)	1 733
Hogs and pigs sold..... farms..	269	1	3	5	5	14
number..	23 636	(D)	(D)	(D)	(D)	3 077
$1,000..	2 265	(D)	(D)	(D)	(D)	307
Feeder pigs ..... farms..	66	–	–	–	–	5
number..	4 070	–	–	–	–	346
$1,000..	153	–	–	–	–	16
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	180	–	2	–	3	10
number..	2 795	–	(D)	–	(D)	379
Dec. 1 and May 31..... farms..	154	–	2	–	3	10
number..	1 457	–	(D)	–	(D)	206
June 1 and Nov. 30 ..... farms..	132	–	2	–	2	10
number..	1 338	–	(D)	–	(D)	173
Sheep and lambs of all ages inventory..... farms..	431	–	2	9	8	16
number..	8 348	–	(D)	217	(D)	134
Ewes 1 year old or older ..... farms..	364	–	1	7	4	14
number..	5 374	–	(D)	124	(D)	62
Sheep and lambs sold..... farms..	350	–	2	6	4	10
number..	6 756	–	(D)	147	(D)	91
Sheep and lambs shorn ..... farms..	335	–	1	4	4	11
number..	6 843	–	(D)	120	74	(D)
pounds of wool..	51 056	–	(D)	739	(D)	555
Horses and ponies inventory ..... farms..	1 196	3	9	11	32	34
number..	9 410	12	94	34	207	241
Horses and ponies sold..... farms..	232	–	1	1	6	6
number..	1 642	–	(D)	(D)	175	52
Goats inventory ..... farms..	238	1	–	6	7	7
number..	2 490	(D)	–	27	(D)	339
Goats sold ..... farms..	79	–	–	1	–	3
number..	850	–	–	(D)	–	(D)
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	3	5	7	18	21
number..	682 853	(D)	(D)	(D)	(D)	(D)
Farms with—						
1 to 399	481	–	2	5	16	19
400 to 3,199	17	–	–	–	2	1
3,200 to 9,999.....	5	–	1	–	–	1
10,000 to 19,999	1	–	–	1	–	–
20,000 to 49,999	3	–	2	1	–	–
50,000 to 99,999	1	1	–	–	–	–
100,000 or more	2	2	–	–	–	–
Layers 20 weeks old and older ..... farms..	497	3	5	7	16	21
number..	556 206	397 592	(D)	(D)	1 986	8 747
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	76	2	–	1	2	1
number..	126 647	(D)	–	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	88	3	3	2	3	5
number..	(D)	340 000	(D)	(D)	(D)	15 700
Broilers and other meat-type chickens sold .. farms..	41	–	–	3	2	1
number..	(D)	–	–	(D)	(D)	(D)
Farms with—						
1 to 1,999.....	37	–	–	–	1	1
2,000 to 59,999.....	3	–	–	2	1	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	1	–	–	1	–	–
Turkey hens kept for breeding ..... farms..	22	1	–	1	–	1
number..	1 991	(D)	–	(D)	–	(D)
Turkeys sold ..... farms..	70	1	–	4	6	4
number..	93 226	(D)	–	(D)	32 035	18 840

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..	91	134	174	163	172	83
number..	1 625	1 599	1 284	1 087	654	156
$1,000..	568	714	553	400	220	44
Calves ..... farms..	61	60	67	78	79	40
number..	831	482	429	480	310	88
$1,000..	93	80	92	90	60	(D)
Cattle ..... farms..	84	106	150	134	130	54
number..	794	1 117	855	607	344	68
$1,000..	475	635	460	310	159	(D)
Fattened on grain and concentrates .... farms..	4	17	30	31	20	4
number..	(D)	159	102	100	42	4
$1,000..	29	107	70	64	22	2
Hogs and pigs inventory ..... farms..	38	64	68	60	55	58
number..	3 898	3 776	2 172	657	396	254
Farms with—						
1 to 24	20	35	47	52	51	57
25 to 49	3	7	9	7	3	1
50 to 99	2	10	6	–	1	–
100 to 199	4	8	2	1	–	–
200 to 499	6	3	4	–	–	–
500 or more	3	1	–	–	–	–
Used or to be used for breeding ..... farms..	24	41	36	25	22	14
number..	492	597	428	131	80	41
Other ..... farms..	35	59	62	54	47	57
number..	3 406	3 179	1 744	526	316	213
Hogs and pigs sold..... farms..	25	54	57	48	39	18
number..	4 918	5 001	2 245	744	393	89
$1,000..	506	376	189	75	35	8
Feeder pigs ..... farms..	6	21	15	9	6	4
number..	261	2 198	956	165	102	42
$1,000..	14	75	38	5	4	1
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	24	42	36	26	23	14
number..	570	703	441	138	69	38
Dec. 1 and May 31..... farms..	21	34	27	23	20	14
number..	288	345	246	76	39	28
June 1 and Nov. 30 ..... farms..	17	40	30	14	12	5
number..	282	358	195	62	30	10
Sheep and lambs of all ages inventory..... farms..	29	53	64	65	116	69
number..	516	977	1 666	1 327	2 033	844
Ewes 1 year old or older ..... farms..	22	42	56	56	105	57
number..	293	483	1 147	823	1 409	539
Sheep and lambs sold..... farms..	20	37	67	56	102	46
number..	383	785	1 870	961	1 558	370
Sheep and lambs shorn ..... farms..	19	33	57	48	101	57
number..	377	546	1 399	998	1 866	678
pounds of wool..	2 693	3 850	9 928	7 235	14 529	5 503
Horses and ponies inventory ..... farms..	66	125	155	158	162	441
number..	752	874	1 302	1 147	926	3 821
Horses and ponies sold..... farms..	24	38	61	47	39	9
number..	183	90	161	80	58	(D)
Goats inventory ..... farms..	14	27	31	42	54	49
number..	385	300	284	485	375	273
Goats sold ..... farms..	6	9	15	17	22	6
number..	158	176	165	180	119	23
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	38	61	80	88	97	92
number..	(D)	11 353	2 337	3 402	2 239	1 930
Farms with—						
1 to 399	29	54	80	87	97	92
400 to 3,199	6	7	–	1	–	–
3,200 to 9,999.....	3	–	–	–	–	–
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..	38	56	79	84	96	92
number..	26 124	8 852	2 075	2 798	2 090	1 662
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	3	18	8	17	11	13
number..	(D)	2 501	262	604	149	268
Layers, pullets, and pullet chicks sold (see text)..... farms..	14	16	12	14	11	5
number..	20 946	3 782	1 405	788	209	76
Broilers and other meat-type chickens sold .. farms..	3	4	12	7	6	3
number..	495	331	1 378	230	200	198
Farms with—						
1 to 1,999.....	3	4	12	7	6	3
2,000 to 59,999.....	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	2	2	4	2	5	4
number..	(D)	(D)	11	(D)	36	9
Turkeys sold ..... farms..	5	15	3	11	14	7
number..	6 350	910	78	220	464	91

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 silage or green chop ..... farms..	403	5	16	64	93	62
acres..	22 813	2 450	3 167	6 390	5 149	2 533
tons, green..	445 811	42 200	65 590	126 281	113 350	44 788
Irrigated ..... farms..	8	–	–	1	–	2
acres..	49	–	–	(D)	–	(D)
Farms by acres harvested:						
1 to 24 acres	169	–	–	6	22	22
25 to 99 acres	157	–	4	23	56	33
100 to 249 acres	68	2	7	35	14	7
250 to 499 acres	6	–	5	–	1	–
500 acres or more	3	3	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	93	4	3	5	13	18
acres..	2 964	1 760	547	(D)	253	173
cwt..	789 847	503 000	143 250	(D)	58 505	34 613
Irrigated ..... farms..	40	2	–	3	2	8
acres..	400	(D)	–	5	(D)	48
Farms by acres harvested:						
0.1 to 4.9 acres	64	–	–	4	5	9
5.0 to 24.9 acres	17	1	–	–	5	7
25.0 to 99.9 acres	6	–	1	–	3	2
100.0 to 249.9 acres	2	–	1	1	–	–
250.0 acres or more	4	3	1	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	2 168	7	25	73	151	145
acres..	100 218	1 510	3 804	10 104	14 408	13 071
tons, dry..	181 885	4 393	8 830	20 740	31 174	26 553
Irrigated ..... farms..	31	–	–	–	3	2
acres..	490	–	–	–	67	(D)
Farms by acres harvested:						
1 to 24 acres	1 077	2	4	14	30	35
25 to 99 acres	805	–	7	15	59	67
100 to 249 acres	237	1	8	31	53	33
250 to 499 acres	45	4	5	13	9	8
500 acres or more	4	–	1	–	–	2
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	1 471	5	15	54	98	105
acres..	57 130	949	1 195	4 126	6 721	7 275
tons, dry..	102 752	2 879	3 018	8 561	15 289	14 751
Irrigated ..... farms..	14	–	–	–	3	1
acres..	93	–	–	–	62	(D)
Vegetables harvested for sale (see text) .... farms..	935	7	21	45	119	148
acres..	16 039	863	1 856	3 151	4 160	2 773
Irrigated ..... farms..	403	4	7	30	65	70
acres..	5 721	363	477	1 700	1 429	882
Farms by acres harvested:						
0.1 to 4.9 acres	429	–	5	2	14	23
5.0 to 24.9 acres	322	2	1	8	43	80
25.0 to 99.9 acres	158	1	8	24	58	45
100.0 to 249.9 acres	23	3	6	10	4	–
250.0 acres or more	3	1	1	1	–	–
Sweet corn harvested for sale ..... farms..	500	4	12	33	79	89
acres..	6 800	250	437	1 535	2 121	1 187
Irrigated ..... farms..	206	2	2	23	39	41
acres..	2 623	(D)	(D)	884	792	462
Land in orchards ..... farms..	431	1	6	23	47	37
acres..	6 546	(D)	947	1 174	2 231	635
Irrigated ..... farms..	73	–	2	7	12	6
acres..	584	–	(D)	117	148	39
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	228	–	–	5	8	9
5.0 to 24.9 acres	134	1	–	5	10	17
25.0 to 99.9 acres	55	–	2	9	23	11
100.0 to 249.9 acres	13	–	3	4	6	–
250.0 acres or more	1	–	1	–	–	–
Berries harvested for sale ..... farms..	969	29	36	75	177	141
acres..	15 047	6 285	1 834	1 869	2 666	1 056
Irrigated ..... farms..	733	28	32	68	156	117
acres..	14 275	6 272	1 812	1 858	2 510	902

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 silage or green chop ..... farms..	36	47	35	25	12	8
acres..	1 183	955	470	387	90	39
tons, green..	21 553	17 589	7 182	5 343	1 289	646
Irrigated ..... farms..	–	2	–	2	1	–
acres..	–	(D)	–	(D)	(D)	–
Farms by acres harvested:						
1 to 24 acres	12	35	31	22	11	8
25 to 99 acres	22	11	4	3	1	–
100 to 249 acres	2	1	–	–	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	11	17	10	3	8	1
acres..	14	35	4	(D)	7	(D)
cwt..	2 145	5 027	600	(D)	848	(D)
Irrigated ..... farms..	6	5	5	1	7	1
acres..	6	4	2	(D)	7	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	10	14	10	3	8	1
5.0 to 24.9 acres	1	3	–	–	–	–
25.0 to 99.9 acres	–	–	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	165	282	347	318	338	317
acres..	11 306	14 616	11 756	8 775	6 236	4 632
tons, dry..	21 529	26 904	19 091	10 909	7 101	4 661
Irrigated ..... farms..	4	5	4	6	3	4
acres..	(D)	21	8	24	7	15
Farms by acres harvested:						
1 to 24 acres	50	81	140	201	253	267
25 to 99 acres	71	161	188	106	82	49
100 to 249 acres	40	39	19	9	3	1
250 to 499 acres	3	1	–	2	–	–
500 acres or more	1	–	–	–	–	–
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms..	108	205	245	219	228	189
acres..	6 713	9 854	8 083	5 634	4 070	2 510
tons, dry..	12 212	17 941	12 943	7 387	4 931	2 840
Irrigated ..... farms..	–	2	1	3	2	2
acres..	–	(D)	(D)	12	(D)	(D)
Vegetables harvested for sale (see text) .... farms..	139	212	127	69	33	15
acres..	1 360	1 318	370	140	36	13
Irrigated ..... farms..	57	74	47	25	16	8
acres..	414	316	87	33	12	8
Farms by acres harvested:						
0.1 to 4.9 acres	50	116	108	65	32	14
5.0 to 24.9 acres	75	88	19	4	1	1
25.0 to 99.9 acres	14	8	–	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–
Sweet corn harvested for sale ..... farms..	77	104	57	35	6	4
acres..	617	451	150	43	4	5
Irrigated ..... farms..	31	29	21	14	2	2
acres..	212	120	23	11	(D)	(D)
Land in orchards ..... farms..	46	50	56	40	45	80
acres..	438	357	250	(D)	185	211
Irrigated ..... farms..	12	7	7	6	5	9
acres..	72	38	(D)	11	21	13
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	21	25	33	29	34	64
5.0 to 24.9 acres	19	22	22	11	11	16
25.0 to 99.9 acres	6	3	1	–	–	–
100.0 to 249.9 acres	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–
Berries harvested for sale ..... farms..	131	135	93	60	46	46
acres..	528	447	182	81	76	23
Irrigated ..... farms..	109	104	58	34	14	13
acres..	481	298	87	34	18	5

[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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms ..... number..	5 574	221	387	555	64	396	543
Land in farms ..... acres..	518 299	4 746	62 833	37 173	4 896	25 547	75 134
Average size of farm ..... acres..	93	21	162	67	77	65	138
Median size of farm ..... acres..	37	6	75	34	14	24	88
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars..	455 014	329 469	546 679	456 486	660 929	526 583	314 595
Average per acre ..... dollars..	5 207	15 774	3 150	7 625	8 640	8 602	2 279
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars..	40 395	32 189	34 905	30 941	22 404	54 306	39 432
Farms by size:							
1 to 9 acres	1 254	127	57	120	23	103	53
10 to 49 acres	1 865	71	96	206	26	153	137
50 to 179 acres	1 690	19	126	181	12	104	220
180 to 499 acres	614	4	74	41	1	32	109
500 to 999 acres	121	–	27	7	1	3	22
1,000 acres or more	30	–	7	–	1	1	2
Total cropland ..... farms..	4 990	181	344	499	53	357	482
acres..	223 573	2 493	30 794	17 598	1 365	12 427	31 698
Harvested cropland ..... farms..	4 587	170	319	452	47	326	434
acres..	168 765	2 111	21 725	13 145	830	10 031	22 069
Irrigated land ..... farms..	1 630	136	36	160	22	116	77
acres..	24 564	1 825	111	1 964	94	1 234	1 832
Market value of agricultural products sold ..... $1,000..	454 404	18 225	20 725	34 102	1 250	25 091	40 704
Average per farm ..... dollars..	81 522	82 466	53 553	61 444	19 524	63 361	74 962
Crops, including nursery and greenhouse crops ..... $1,000..	357 377	17 218	8 294	25 084	986	19 869	25 074
Livestock, poultry, and their products ..... $1,000..	97 027	1 007	12 432	9 018	264	5 222	15 630
Farms by value of sales:							
Less than $2,500	1 616	40	135	159	24	119	157
$2,500 to $4,999	664	27	54	63	9	44	83
$5,000 to $9,999	707	26	59	72	13	54	71
$10,000 to $24,999	753	54	46	88	7	45	57
$25,000 to $49,999	507	21	22	59	4	38	35
$50,000 to $99,999	468	21	25	39	1	41	54
$100,000 or more	859	32	46	75	6	55	86
Total farm production expenses[1] ..... $1,000..	311 068	11 055	17 957	22 066	1 180	16 144	32 218
Average per farm ..... dollars..	55 897	50 023	46 281	39 758	18 432	40 872	59 334
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	5 571	221	388	555	64	395	543
$1,000..	135 155	7 036	2 304	11 008	70	9 107	7 873
Average per farm ..... dollars..	24 260	31 837	5 939	19 835	1 092	23 055	14 500
Operators by principal occupation:							
Farming	2 927	110	194	310	32	202	275
Other	2 647	111	193	245	32	194	268
Operators by days worked off farm:							
Any	2 980	138	209	284	45	206	320
200 days or more	1 864	74	133	165	20	134	190
Livestock and poultry:							
Cattle and calves inventory ..... farms..	1 420	11	160	159	15	68	230
number..	61 719	69	9 468	8 032	290	2 767	11 996
Beef cows ..... farms..	799	6	92	92	8	46	105
number..	6 858	(D)	892	937	(D)	553	745
Milk cows ..... farms..	483	2	68	41	3	16	102
number..	26 846	(D)	4 116	3 668	(D)	948	5 699
Cattle and calves sold ..... farms..	1 158	8	133	134	11	52	200
number..	24 849	40	3 673	3 397	65	1 308	4 638
Hogs and pigs inventory ..... farms..	383	2	42	60	11	24	38
number..	18 297	(D)	833	4 504	106	278	(D)
Hogs and pigs sold ..... farms..	269	2	25	50	11	12	21
number..	23 636	(D)	1 540	4 634	(D)	346	256
Sheep and lambs inventory ..... farms..	431	9	40	41	12	34	45
number..	8 348	106	640	657	318	390	990
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	510	18	40	51	17	43	47
number..	682 853	3 287	(D)	4 190	505	(D)	(D)
Broilers and other meat-type chickens sold ..... farms..	41	–	3	5	2	5	5
number..	(D)	–	(D)	(D)	(D)	305	(D)
Selected crops harvested:							
Corn for grain or seed ..... farms..	99	1	13	16	1	10	12
acres..	4 951	(D)	1 455	394	(D)	116	663
bushels..	590 748	(D)	180 992	23 380	(D)	10 615	68 524
Corn for silage or green chop ..... farms..	403	1	39	65	–	12	76
acres..	22 813	(D)	3 492	2 795	–	606	4 297
tons, green..	445 811	(D)	67 630	69 735	–	10 089	92 219
Potatoes, excluding sweetpotatoes ..... farms..	93	6	7	6	4	6	17
acres..	2 964	4	3	(D)	3	4	888
cwt..	789 847	381	324	(D)	(D)	422	248 760
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	2 168	8	217	215	17	154	286
acres..	100 218	(D)	16 843	6 681	734	6 982	14 018
tons, dry..	181 885	(D)	31 866	12 487	1 168	12 031	24 519
Vegetables harvested for sale (see text) ..... farms..	935	32	50	105	10	91	78
acres..	16 039	178	677	2 210	(D)	1 362	1 429
Land in orchards ..... farms..	431	13	16	47	5	26	41
acres..	6 546	26	141	353	(D)	369	590

See footnotes at end of table.

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

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms ..... number..	418	539	531	14	185	732	5	984
Land in farms ..... acres..	37 417	52 092	30 718	1 049	9 869	73 418	7	103 400
Average size of farm ..... acres..	90	97	58	75	53	100	1	105
Median size of farm ..... acres..	44	43	24	3	16	25	1	58
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars..	357 644	302 304	503 318	680 147	573 801	694 704	339 000	377 579
Average per acre ..... dollars..	4 617	3 859	9 762	9 077	9 917	6 654	242 143	4 236
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars..	28 543	36 035	40 939	66 500	35 060	60 545	18 550	38 750
Farms by size:								
1 to 9 acres	72	115	163	8	69	188	5	151
10 to 49 acres	145	172	195	4	66	299	–	295
50 to 179 acres	146	172	139	–	33	165	–	373
180 to 499 acres	46	64	27	1	16	58	–	141
500 to 999 acres	8	12	7	1	1	11	–	21
1,000 acres or more	1	4	–	–	–	11	–	3
Total cropland ..... farms..	386	478	463	14	156	677	5	895
acres..	16 114	26 865	15 253	(D)	3 856	20 665	(D)	44 047
Harvested cropland ..... farms..	352	437	432	13	137	642	5	821
acres..	11 663	21 276	11 992	(D)	2 763	17 573	(D)	33 232
Irrigated land ..... farms..	83	71	186	13	69	493	3	165
acres..	1 095	697	1 586	332	333	12 182	3	1 276
Market value of agricultural products sold ..... $1,000..	29 107	35 514	57 572	2 951	8 266	122 687	263	57 949
Average per farm ..... dollars..	69 633	65 888	108 421	210 821	44 680	167 605	52 620	58 891
Crops, including nursery and greenhouse crops ..... $1,000..	24 986	25 130	49 788	2 951	7 340	118 591	263	31 803
Livestock, poultry, and their products ..... $1,000..	4 120	10 384	7 783	–	926	4 095	–	26 146
Farms by value of sales:								
Less than $2,500	156	156	168	3	62	121	–	316
$2,500 to $4,999	51	71	67	–	13	56	–	126
$5,000 to $9,999	54	72	55	1	24	68	–	138
$10,000 to $24,999	52	71	86	3	29	89	2	124
$25,000 to $49,999	30	49	39	–	21	91	1	97
$50,000 to $99,999	19	52	41	4	15	88	1	67
$100,000 or more	56	68	75	3	21	219	1	116
Total farm production expenses[1] ..... $1,000..	21 535	25 744	36 251	2 956	6 351	73 867	264	43 480
Average per farm ..... dollars..	51 519	47 763	68 269	211 150	34 517	101 886	52 858	44 232
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms..	418	539	531	14	184	731	5	983
$1,000..	6 511	8 874	22 468	–5	1 467	44 695	–1	13 747
Average per farm ..... dollars..	15 576	16 465	42 312	–329	7 974	61 143	–238	13 984
Operators by principal occupation:								
Farming	209	278	283	13	93	439	3	486
Other	209	261	248	1	92	293	2	498
Operators by days worked off farm:								
Any	220	295	257	6	92	365	3	540
200 days or more	148	185	161	–	71	219	–	364
Livestock and poultry:								
Cattle and calves inventory ..... farms..	101	147	93	–	42	65	–	329
number..	3 555	7 170	2 569	–	901	2 126	–	12 776
Beef cows ..... farms..	62	81	61	–	28	34	–	184
number..	527	641	517	–	205	265	–	1 472
Milk cows ..... farms..	33	55	19	–	15	22	–	107
number..	1 384	3 155	726	–	310	1 099	–	5 704
Cattle and calves sold ..... farms..	76	125	69	–	34	47	–	269
number..	1 214	2 852	1 197	–	249	742	–	5 474
Hogs and pigs inventory ..... farms..	24	27	35	–	20	29	–	71
number..	264	2 022	4 096	–	1 011	1 466	–	3 483
Hogs and pigs sold ..... farms..	15	17	30	–	11	22	–	53
number..	552	4 384	4 966	–	763	1 774	–	4 193
Sheep and lambs inventory ..... farms..	26	35	46	–	19	35	–	89
number..	451	1 225	885	–	491	546	–	1 649
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	40	37	46	–	26	46	–	99
number..	895	(D)	10 706	–	(D)	1 210	–	(D)
Broilers and other meat-type chickens sold ..... farms..	3	1	5	–	1	4	–	7
number..	(D)	(D)	1 095	–	(D)	138	–	821
Selected crops harvested:								
Corn for grain or seed ..... farms..	7	20	6	–	–	5	–	8
acres..	125	1 970	71	–	–	(D)	–	127
bushels..	10 130	270 407	8 600	–	–	(D)	–	14 510
Corn for silage or green chop ..... farms..	25	56	17	–	10	17	–	85
acres..	1 673	3 013	576	–	(D)	1 737	–	4 381
tons, green..	29 035	53 484	11 080	–	(D)	27 607	–	81 000
Potatoes, excluding sweetpotatoes ..... farms..	2	17	9	1	3	5	–	10
acres..	(D)	1 896	27	(D)	3	10	–	9
cwt..	(D)	507 586	1 957	(D)	(D)	1 085	–	1 549
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	181	234	176	2	51	104	–	523
acres..	7 004	11 071	7 119	(D)	1 884	3 465	–	24 286
tons, dry..	12 935	20 845	12 517	(D)	2 877	7 260	–	43 123
Vegetables harvested for sale (see text) ..... farms..	66	124	139	4	40	56	1	139
acres..	1 221	3 058	2 357	98	508	781	(D)	2 092
Land in orchards ..... farms..	43	39	56	1	10	20	–	114
acres..	711	408	902	(D)	108	86	–	2 838

[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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997..	5 574	221	387	555	64	396	543
1992..	5 258	144	320	523	56	357	519
$1,000, 1997..	454 404	18 225	20 725	34 102	1 250	25 091	40 704
1992..	350 639	8 700	17 967	29 614	849	17 769	30 028
Average per farm ..... dollars, 1997..	81 522	82 466	53 553	61 444	19 524	63 361	74 962
1992..	66 687	60 415	56 145	56 624	15 163	49 774	57 857
1997 value of sales:							
Less than $1,000 (see text) ..... farms..	895	17	77	86	8	67	80
$1,000..	232	5	24	24	3	11	26
$1,000 to $2,499 ..... farms..	721	23	58	73	16	52	77
$1,000..	1 173	39	83	119	(D)	87	123
$2,500 to $4,999 ..... farms..	664	27	54	63	9	44	83
$1,000..	2 371	99	192	224	35	166	292
$5,000 to $9,999 ..... farms..	707	26	59	72	13	54	71
$1,000..	5 006	191	418	512	(D)	379	503
$10,000 to $19,999 ..... farms..	600	37	38	67	6	34	48
$1,000..	8 321	525	505	932	67	489	683
$20,000 to $24,999 ..... farms..	153	17	8	21	1	11	9
$1,000..	3 347	371	176	458	(D)	242	201
$25,000 to $39,999 ..... farms..	358	11	18	31	4	28	28
$1,000..	11 351	337	561	1 015	117	858	879
$40,000 to $49,999 ..... farms..	149	10	4	28	–	10	7
$1,000..	6 554	441	170	1 217	–	445	294
$50,000 to $99,999 ..... farms..	468	21	25	39	1	41	54
$1,000..	33 299	1 491	1 754	2 922	(D)	2 874	3 826
$100,000 to $249,999 ..... farms..	484	17	27	51	5	35	44
$1,000..	74 923	2 290	4 482	7 743	(D)	5 687	6 364
$250,000 to $499,999 ..... farms..	203	9	10	12	1	13	27
$1,000..	68 337	2 916	3 403	3 944	(D)	4 523	9 172
$500,000 or more ..... farms..	172	6	9	12	–	7	15
$1,000..	239 488	9 520	8 957	14 991	–	9 330	18 340
1992 value of sales:							
Less than $1,000 ..... farms..	896	16	56	78	10	63	87
$1,000..	243	6	20	18	2	11	27
$1,000 to $2,499 ..... farms..	676	13	54	63	13	53	57
$1,000..	1 095	22	85	105	22	86	90
$2,500 to $4,999 ..... farms..	656	10	50	57	7	38	73
$1,000..	2 322	35	179	201	(D)	134	259
$5,000 to $9,999 ..... farms..	655	17	39	71	8	36	67
$1,000..	4 648	128	274	477	52	252	465
$10,000 to $19,999 ..... farms..	524	23	17	53	12	47	61
$1,000..	7 265	309	231	740	161	625	809
$20,000 to $24,999 ..... farms..	172	6	12	19	1	11	12
$1,000..	3 793	129	265	411	(D)	253	263
$25,000 to $39,999 ..... farms..	348	13	15	47	1	24	19
$1,000..	10 886	433	489	1 476	(D)	790	581
$40,000 to $49,999 ..... farms..	128	5	5	17	1	7	15
$1,000..	5 695	227	218	737	(D)	291	669
$50,000 to $99,999 ..... farms..	462	20	23	49	1	39	49
$1,000..	32 826	1 350	1 736	3 379	(D)	2 810	3 604
$100,000 to $249,999 ..... farms..	457	15	28	45	1	24	48
$1,000..	70 812	2 338	4 313	6 707	(D)	4 192	7 328
$250,000 to $499,999 ..... farms..	170	3	15	14	1	11	20
$1,000..	58 495	1 015	5 313	4 682	(D)	3 832	6 746
$500,000 or more ..... farms..	114	3	6	10	–	4	11
$1,000..	152 559	2 708	4 844	10 683	–	4 496	9 186
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997..	4 029	167	261	381	43	288	371
1992..	3 562	126	192	349	41	243	327
$1,000, 1997..	357 377	17 218	8 294	25 084	986	19 869	25 074
1992..	255 138	(D)	4 641	19 810	731	13 955	14 910
Grains ..... farms, 1997..	81	1	10	10	1	11	9
1992..	67	–	7	6	–	2	12
$1,000, 1997..	1 310	(D)	358	61	(D)	52	94
1992..	907	–	(D)	(D)	–	(D)	(D)
Corn for grain ..... farms, 1997..	58	–	6	10	–	6	8
1992..	49	–	4	4	–	1	9
$1,000, 1997..	1 180	–	346	61	–	12	(D)
1992..	885	–	98	(D)	–	(D)	143
Wheat ..... farms, 1997..	–	–	–	–	–	–	–
1992..	2	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	(D)	–	–	–	–	–	–
Soybeans ..... farms, 1997..	5	–	–	–	–	3	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	(D)	–	–	–	–	(D)	–
1992..	–	–	–	–	–	–	–
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Barley ..... farms, 1997..	–	–	–	–	–	–	–
1992..	2	–	–	–	–	–	2
$1,000, 1997..	–	–	–	–	–	–	–
1992..	(D)	–	–	–	–	–	(D)
Oats ..... farms, 1997..	2	–	1	–	–	1	–
1992..	7	–	3	1	–	–	–
$1,000, 1997..	(D)	–	(D)	–	–	(D)	–
1992..	6	–	(D)	(D)	–	–	–
Other grains ..... farms, 1997..	23	1	5	–	1	4	1
1992..	12	–	3	1	–	1	2
$1,000, 1997..	76	(D)	(D)	–	(D)	(D)	(D)
1992..	15	–	8	(D)	–	(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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997..	418	539	531	14	185	732	5	984
1992..	410	527	535	14	186	668	2	997
$1,000, 1997..	29 107	35 514	57 572	2 951	8 266	122 687	263	57 949
1992..	18 947	24 794	44 882	(D)	8 928	95 756	(D)	49 636
Average per farm ..... dollars, 1997..	69 633	65 888	108 421	210 821	44 680	167 605	52 620	58 891
1992..	46 211	47 048	83 892	(D)	48 002	143 347	(D)	49 785
1997 value of sales:								
Less than $1,000 (see text) ..... farms..	87	84	98	1	32	76	–	182
$1,000..	25	20	22	–	6	12	–	54
$1,000 to $2,499 ..... farms..	69	72	70	2	30	45	–	134
$1,000..	113	118	114	(D)	53	74	–	222
$2,500 to $4,999 ..... farms..	51	71	67	–	13	56	–	126
$1,000..	185	247	236	–	45	207	–	444
$5,000 to $9,999 ..... farms..	54	72	55	1	24	68	–	138
$1,000..	383	518	377	(D)	164	474	–	980
$10,000 to $19,999 ..... farms..	39	58	66	3	26	73	2	103
$1,000..	537	738	968	(D)	357	992	(D)	1 462
$20,000 to $24,999 ..... farms..	13	13	20	–	3	16	–	21
$1,000..	285	287	443	–	(D)	349	–	448
$25,000 to $39,999 ..... farms..	22	35	30	–	15	58	–	78
$1,000..	750	1 129	911	–	441	1 827	–	2 525
$40,000 to $49,999 ..... farms..	8	14	9	–	6	33	1	19
$1,000..	360	607	384	–	(D)	1 489	(D)	837
$50,000 to $99,999 ..... farms..	19	52	41	4	15	88	1	67
$1,000..	1 284	3 832	3 012	(D)	956	6 050	(D)	4 852
$100,000 to $249,999 ..... farms..	30	34	35	1	16	121	1	67
$1,000..	4 654	5 948	5 413	(D)	2 477	19 090	(D)	9 918
$250,000 to $499,999 ..... farms..	13	15	19	–	2	49	–	33
$1,000..	4 352	4 607	6 561	–	(D)	16 415	–	11 496
$500,000 or more ..... farms..	13	19	21	2	3	49	–	16
$1,000..	16 179	17 463	39 130	(D)	(D)	75 707	–	24 709
1992 value of sales:								
Less than $1,000 ..... farms..	106	85	101	2	29	76	–	187
$1,000..	35	19	27	–	6	17	–	56
$1,000 to $2,499 ..... farms..	55	75	69	3	30	42	–	149
$1,000..	88	122	114	6	47	70	–	238
$2,500 to $4,999 ..... farms..	40	82	66	1	24	66	–	142
$1,000..	129	286	229	(D)	83	236	–	524
$5,000 to $9,999 ..... farms..	52	73	75	–	33	58	–	126
$1,000..	363	508	528	–	232	429	–	939
$10,000 to $19,999 ..... farms..	46	49	47	4	15	62	–	88
$1,000..	655	654	660	45	222	896	–	1 259
$20,000 to $24,999 ..... farms..	11	21	12	–	4	26	–	37
$1,000..	240	466	263	–	(D)	579	–	816
$25,000 to $39,999 ..... farms..	18	29	49	1	10	65	–	57
$1,000..	546	908	1 506	(D)	(D)	2 054	–	1 734
$40,000 to $49,999 ..... farms..	8	15	7	–	4	25	1	18
$1,000..	347	671	316	–	(D)	1 135	(D)	809
$50,000 to $99,999 ..... farms..	24	38	38	1	16	83	–	81
$1,000..	1 694	2 733	2 677	(D)	(D)	5 698	–	5 770
$100,000 to $249,999 ..... farms..	35	41	39	–	13	97	1	70
$1,000..	5 569	6 127	5 918	–	(D)	14 931	(D)	11 109
$250,000 to $499,999 ..... farms..	10	12	19	–	4	32	–	29
$1,000..	3 605	4 255	6 721	–	(D)	10 807	–	9 991
$500,000 or more ..... farms..	5	7	13	2	4	36	–	13
$1,000..	5 676	8 045	25 925	(D)	(D)	58 903	–	16 390
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997..	298	395	403	13	120	605	5	679
1992..	247	356	372	12	122	546	2	627
$1,000, 1997..	24 986	25 130	49 788	2 951	7 340	118 591	263	31 803
1992..	13 832	15 499	34 735	(D)	7 456	93 262	(D)	24 981
Grains ..... farms, 1997..	4	19	8	–	–	1	–	7
1992..	7	23	4	–	–	2	–	4
$1,000, 1997..	(D)	663	24	–	–	(D)	–	42
1992..	24	556	4	–	–	(D)	–	6
Corn for grain ..... farms, 1997..	2	15	5	–	–	1	–	5
1992..	7	19	3	–	–	–	–	2
$1,000, 1997..	(D)	595	23	–	–	(D)	–	(D)
1992..	24	552	(D)	–	–	–	–	(D)
Wheat ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	2	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	(D)	–	–	–	–	–	–
Soybeans ..... farms, 1997..	–	2	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	(D)	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Sorghum for grain ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Barley ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
Oats ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	1	–	–	2	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	(D)	–	–	(D)	–	–
Other grains ..... farms, 1997..	2	4	3	–	–	–	–	2
1992..	–	3	–	–	–	–	–	2
$1,000, 1997..	(D)	(D)	1	–	–	–	–	(D)
1992..	–	(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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
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..	68	–	–	–	–	–	17
1992..	27	–	–	–	–	–	2
$1,000, 1997..	23 807	–	–	–	–	–	6 599
1992..	6 678	–	–	–	–	–	(D)
Hay, silage, and field seeds ..... farms, 1997..	1 435	3	129	142	13	104	169
1992..	1 393	3	123	125	12	88	189
$1,000, 1997..	11 056	(D)	1 474	(D)	114	1 134	1 401
1992..	9 771	(D)	1 038	838	37	825	1 104
Vegetables, sweet corn, and melons ..... farms, 1997..	931	32	50	105	10	90	78
1992..	994	26	52	120	16	94	93
$1,000, 1997..	37 438	410	1 165	6 517	227	3 196	4 204
1992..	26 984	(D)	682	4 614	391	3 335	2 802
Fruits, nuts, and berries ..... farms, 1997..	1 142	104	34	110	9	42	52
1992..	1 160	85	27	95	9	58	72
$1,000, 1997..	148 247	12 184	384	6 362	(D)	1 123	1 896
1992..	118 339	5 669	451	4 274	31	961	3 428
Nursery and greenhouse crops ..... farms, 1997..	1 375	58	81	124	17	150	114
1992..	920	43	36	111	11	98	73
$1,000, 1997..	128 192	4 584	4 812	11 121	(D)	14 349	8 759
1992..	88 018	2 425	2 299	9 948	260	8 821	6 048
Other crops ..... farms, 1997..	300	4	35	7	4	12	103
1992..	116	3	1	4	8	7	31
$1,000, 1997..	7 326	3	101	(D)	10	15	2 121
1992..	4 440	7	(D)	(D)	12	(D)	1 045
Livestock, poultry, and their products ..... farms, 1997..	2 089	73	212	215	36	137	272
1992..	2 214	21	192	230	26	147	297
$1,000, 1997..	97 027	1 007	12 432	9 018	264	5 222	15 630
1992..	95 500	(D)	13 325	9 805	118	3 814	15 118
Poultry and poultry products ..... farms, 1997..	375	14	26	36	12	26	30
1992..	396	6	21	35	9	28	50
$1,000, 1997..	15 900	54	1 159	72	10	(D)	496
1992..	12 298	(D)	2 203	367	11	692	(D)
Dairy products ..... farms, 1997..	353	1	43	36	–	13	79
1992..	475	1	54	41	4	15	99
$1,000, 1997..	59 773	(D)	9 578	7 053	–	(D)	12 200
1992..	60 430	(D)	9 766	5 865	17	2 261	(D)
Cattle and calves ..... farms, 1997..	1 158	8	133	134	11	52	200
1992..	1 271	5	135	141	14	54	210
$1,000, 1997..	6 424	21	846	1 209	37	414	986
1992..	10 070	13	918	2 602	32	326	1 339
Hogs and pigs ..... farms, 1997..	269	2	25	50	11	12	21
1992..	296	1	21	45	10	13	35
$1,000, 1997..	2 265	(D)	94	394	20	(D)	27
1992..	2 342	(D)	45	504	29	75	(D)
Sheep, lambs, and wool ..... farms, 1997..	396	8	40	33	13	33	43
1992..	466	4	37	45	10	35	57
$1,000, 1997..	475	8	27	39	22	28	58
1992..	557	(D)	27	49	16	30	(D)
Other livestock and livestock products (see text) ..... farms, 1997..	557	51	44	54	6	60	50
1992..	546	12	31	43	5	58	52
$1,000, 1997..	12 190	848	727	251	175	648	1 863
1992..	9 802	(D)	367	417	14	431	900
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	82	–	7	16	–	4	10
Vegetable and melon farming (1112)	625	20	33	82	10	61	55
Fruit and tree nut farming (1113)	865	91	15	75	5	17	33
Greenhouse, nursery, and floriculture production (1114)	1 044	43	59	102	14	116	71
Other crop farming (1119)	1 076	4	99	80	9	70	136
Tobacco farming (11191)	47	–	–	–	–	–	7
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	1 029	4	99	80	9	70	129
Beef cattle ranching and farming (112111)	472	2	61	56	6	22	70
Cattle feedlots (112112)	49	3	5	7	–	2	11
Dairy cattle and milk production (11212)	338	1	38	31	–	12	77
Hog and pig farming (1122)	118	1	5	30	5	5	7
Poultry and egg production (1123)	115	6	6	6	2	7	13
Sheep and goat farming (1124)	163	3	16	15	6	10	24
Animal aquaculture and other animal production (1125, 1129)	627	47	43	55	7	70	36

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
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..	10	40	–	–	–	1	–	–
1992..	8	17	–	–	–	–	–	–
$1,000, 1997..	(D)	6 835	–	–	–	(D)	–	–
1992..	(D)	2 337	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997..	123	154	142	1	33	67	–	355
1992..	102	163	136	1	40	58	–	353
$1,000, 1997..	821	883	1 012	(D)	163	428	–	2 733
1992..	561	906	1 339	(D)	191	391	–	2 528
Vegetables, sweet corn, and melons ..... farms, 1997..	66	124	138	4	40	56	1	137
1992..	70	135	136	3	28	60	–	161
$1,000, 1997..	3 255	5 816	5 266	(D)	1 139	1 258	(D)	4 475
1992..	1 890	3 326	3 861	(D)	635	1 263	–	3 231
Fruits, nuts, and berries ..... farms, 1997..	60	51	76	3	19	452	–	130
1992..	59	72	84	5	16	422	–	156
$1,000, 1997..	2 041	957	2 193	(D)	502	112 075	–	7 145
1992..	1 959	1 494	2 348	(D)	(D)	87 520	–	8 321
Nursery and greenhouse crops ..... farms, 1997..	121	112	184	12	64	104	5	229
1992..	69	58	139	9	63	67	2	141
$1,000, 1997..	8 400	5 317	41 250	1 063	5 533	4 816	(D)	17 335
1992..	5 277	3 851	27 169	(D)	6 259	4 062	(D)	10 863
Other crops ..... farms, 1997..	13	71	14	1	4	5	–	27
1992..	2	33	8	1	1	8	–	9
$1,000, 1997..	89	4 658	43	(D)	3	(D)	–	71
1992..	(D)	3 028	15	(D)	(D)	(D)	–	32
Livestock, poultry, and their products ..... farms, 1997..	142	198	164	–	70	131	–	439
1992..	178	232	196	1	79	137	–	478
$1,000, 1997..	4 120	10 384	7 783	–	926	4 095	–	26 146
1992..	5 114	9 295	10 147	(D)	1 473	2 494	–	24 654
Poultry and poultry products ..... farms, 1997..	24	26	40	–	18	41	–	82
1992..	27	38	47	–	21	48	–	66
$1,000, 1997..	(D)	372	400	–	74	443	–	10 595
1992..	765	219	699	–	91	177	–	6 761
Dairy products ..... farms, 1997..	22	43	10	–	10	11	–	85
1992..	37	60	19	–	12	12	–	121
$1,000, 1997..	(D)	7 038	2 082	–	589	2 764	–	12 873
1992..	3 670	7 273	2 497	–	785	1 512	–	14 247
Cattle and calves ..... farms, 1997..	76	125	69	–	34	47	–	269
1992..	97	160	78	–	37	48	–	292
$1,000, 1997..	245	640	500	–	90	155	–	1 281
1992..	460	1 122	762	–	323	224	–	1 950
Hogs and pigs ..... farms, 1997..	15	17	30	–	11	22	–	53
1992..	18	23	27	–	15	21	–	67
$1,000, 1997..	97	435	522	–	75	124	–	435
1992..	82	458	261	–	140	243	–	455
Sheep, lambs, and wool ..... farms, 1997..	25	34	38	–	18	34	–	77
1992..	30	39	53	–	24	36	–	96
$1,000, 1997..	18	100	39	–	27	38	–	70
1992..	28	111	60	–	36	32	–	95
Other livestock and livestock products (see text) ..... farms, 1997..	36	46	58	–	19	45	–	88
1992..	42	44	76	1	30	46	–	106
$1,000, 1997..	104	1 798	4 241	–	71	571	–	893
1992..	109	113	5 869	(D)	98	306	–	1 147
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	3	18	5	–	1	2	–	16
Vegetable and melon farming (1112)	42	87	91	1	29	43	–	71
Fruit and tree nut farming (1113)	42	28	37	1	8	428	–	85
Greenhouse, nursery, and floriculture production (1114)	91	71	148	11	50	82	5	181
Other crop farming (1119)	108	161	100	–	25	35	–	249
Tobacco farming (11191)	9	31	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	99	130	100	–	25	35	–	249
Beef cattle ranching and farming (112111)	28	47	30	–	19	25	–	106
Cattle feedlots (112112)	7	4	1	–	3	2	–	4
Dairy cattle and milk production (11212)	24	40	9	–	10	12	–	84
Hog and pig farming (1122)	4	8	12	–	2	10	–	29
Poultry and egg production (1123)	10	10	13	–	8	11	–	23
Sheep and goat farming (1124)	13	8	16	–	5	16	–	31
Animal aquaculture and other animal production (1125, 1129)	46	57	69	1	25	66	–	105

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		Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Total farm production expenses	farms, 1997	5 565	221	388	555	64	395	543
	1992	5 258	146	319	522	56	358	519
	$1,000, 1997	311 068	11 055	17 957	22 066	1 180	16 144	32 218
	1992	266 163	5 958	15 973	22 515	1 010	13 696	27 153
Average per farm	dollars, 1997	55 897	50 023	46 281	39 758	18 432	40 872	59 334
	1992	50 621	40 807	50 071	43 133	18 037	38 258	52 318
Livestock and poultry purchased	farms, 1997	1 075	33	118	115	16	51	113
	1992	1 257	13	115	179	10	65	168
	$1,000, 1997	7 408	119	1 031	1 433	54	133	463
	1992	7 374	37	529	1 766	18	271	587
Feed for livestock and poultry	farms, 1997	2 161	39	190	252	29	136	248
	1992	2 202	16	229	251	27	134	298
	$1,000, 1997	31 880	225	4 004	3 325	(D)	1 454	4 689
	1992	28 422	(D)	4 387	2 782	58	1 538	4 679
Commercially mixed formula feeds	farms, 1997	1 492	29	140	154	20	83	176
	1992	1 226	4	125	156	11	66	212
	$1,000, 1997	23 392	132	3 244	2 137	(D)	999	3 759
	1992	19 940	45	3 062	1 863	(D)	857	3 301
Seeds, bulbs, plants, and trees	farms, 1997	2 422	86	175	292	26	203	217
	1992	1 924	43	138	229	23	155	220
	$1,000, 1997	15 829	1 198	432	2 195	(D)	723	1 057
	1992	10 327	142	582	838	32	797	995
Commercial fertilizer	farms, 1997	3 478	152	222	359	40	243	290
	1992	3 481	128	164	357	43	220	318
	$1,000, 1997	10 273	299	632	851	(D)	415	1 345
	1992	10 021	173	472	789	55	484	1 529
Agricultural chemicals	farms, 1997	2 425	117	118	253	18	151	202
	1992	2 337	104	101	270	18	139	224
	$1,000, 1997	8 299	390	235	476	12	205	696
	1992	7 616	219	167	492	12	297	775
Petroleum products	farms, 1997	5 245	211	380	536	56	357	534
	1992	4 883	142	303	500	54	311	494
	$1,000, 1997	14 893	430	817	1 048	60	1 116	1 487
	1992	12 906	280	692	1 377	57	833	1 281
Gasoline and gasohol	farms, 1997	4 313	179	341	452	50	295	448
	1992	4 231	116	277	435	43	272	475
	$1,000, 1997	4 901	187	285	403	32	292	420
	1992	4 948	127	249	(D)	32	(D)	516
Diesel fuel	farms, 1997	3 107	98	235	336	26	220	306
	1992	2 839	59	184	332	25	167	310
	$1,000, 1997	3 264	70	219	305	(D)	192	(D)
	1992	3 112	55	211	334	7	145	428
Natural gas	farms, 1997	246	22	11	23	1	19	10
	1992	167	10	18	6	–	2	32
	$1,000, 1997	1 096	23	142	62	(D)	84	(D)
	1992	617	49	23	(D)	–	(D)	19
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	3 619	131	249	339	41	249	363
	1992	3 504	93	222	362	32	231	396
	$1,000, 1997	5 631	150	171	278	(D)	548	667
	1992	4 230	49	209	491	18	363	318
Electricity	farms, 1997	3 690	133	239	323	45	262	400
	1992	3 674	104	250	386	36	254	420
	$1,000, 1997	7 715	167	592	694	(D)	473	927
	1992	7 221	92	590	608	21	431	802
Hired farm labor	farms, 1997	2 188	104	142	166	25	187	258
	1992	1 847	85	103	186	22	158	206
	$1,000, 1997	81 630	3 066	2 723	4 170	(D)	5 151	9 257
	1992	77 337	2 027	2 919	5 447	160	3 449	6 489
Contract labor	farms, 1997	690	32	23	38	7	45	44
	1992	775	49	18	43	9	68	49
	$1,000, 1997	7 276	222	344	131	(D)	202	625
	1992	6 406	(D)	47	264	9	234	429
Repair and maintenance	farms, 1997	4 716	194	357	500	54	351	459
	1992	4 506	137	314	463	47	327	452
	$1,000, 1997	22 779	1 114	1 183	1 165	92	1 437	1 959
	1992	18 080	321	1 124	1 550	145	1 274	1 771
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	1 061	69	73	67	12	79	94
	1992	1 072	55	35	91	5	80	117
	$1,000, 1997	7 089	452	133	392	(D)	77	239
	1992	4 035	(D)	167	261	7	169	234
Interest	farms, 1997	1 580	70	123	153	5	80	186
	1992	1 604	46	125	138	14	91	268
	$1,000, 1997	15 766	794	824	1 360	23	725	1 260
	1992	14 502	372	737	1 153	87	556	1 511
Interest paid on debt:								
Secured by real estate	farms, 1997	1 193	45	109	88	4	64	139
	1992	1 199	33	97	88	8	55	225
	$1,000, 1997	13 039	687	696	1 023	(D)	580	941
	1992	11 690	341	530	932	(D)	386	1 188
Not secured by real estate	farms, 1997	628	28	26	80	1	24	81
	1992	751	17	52	84	9	48	100
	$1,000, 1997	2 727	107	128	338	(D)	145	319
	1992	2 812	31	207	220	(D)	170	324
Cash rent	farms, 1997	900	45	51	91	13	65	120
	1992	1 047	31	89	129	9	43	179
	$1,000, 1997	6 393	306	287	467	(D)	197	691
	1992	4 873	326	301	412	21	113	461
Property taxes paid	farms, 1997	5 138	171	372	516	55	354	492
	1992	4 840	127	274	464	50	342	470
	$1,000, 1997	19 915	557	1 342	1 618	229	1 591	1 382
	1992	16 695	360	740	1 750	180	1 019	1 338
All other farm production expenses	farms, 1997	5 081	198	343	496	58	359	475
	1992	4 747	142	283	484	51	319	487
	$1,000, 1997	53 923	1 714	3 380	2 738	206	2 245	6 142
	1992	40 348	1 127	2 517	3 028	150	2 232	4 273

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Total farm production expenses ..... farms, 1997..	418	539	531	14	184	725	5	983
1992..	409	526	535	14	187	668	2	997
$1,000, 1997..	21 535	25 744	36 251	2 956	6 351	73 867	264	43 480
1992..	15 559	19 857	31 243	(D)	7 236	61 881	(D)	41 582
Average per farm ..... dollars, 1997..	51 519	47 763	68 269	211 150	34 517	101 886	52 858	44 232
1992..	38 042	37 751	58 398	(D)	38 696	92 637	(D)	41 707
Livestock and poultry purchased ..... farms, 1997..	67	116	106	–	33	90	–	217
1992..	90	121	104	–	49	91	–	252
$1,000, 1997..	130	946	673	–	96	389	–	1 941
1992..	293	689	854	–	115	306	–	1 908
Feed for livestock and poultry ..... farms, 1997..	227	202	176	2	61	135	–	464
1992..	175	210	184	1	103	162	–	412
$1,000, 1997..	1 613	3 483	1 862	(D)	454	973	–	9 741
1992..	1 537	2 742	1 620	(D)	385	878	–	7 760
Commercially mixed formula feeds ..... farms, 1997..	131	167	110	2	41	115	–	324
1992..	70	95	98	1	55	129	–	204
$1,000, 1997..	1 190	2 138	1 295	(D)	151	760	–	7 555
1992..	1 000	1 850	1 160	(D)	269	753	–	5 759
Seeds, bulbs, plants, and trees ..... farms, 1997..	178	307	278	12	81	240	4	323
1992..	145	276	198	8	64	117	2	306
$1,000, 1997..	1 349	1 393	3 524	235	250	1 362	(D)	2 020
1992..	840	860	2 109	(D)	580	627	(D)	1 766
Commercial fertilizer ..... farms, 1997..	218	338	341	13	112	564	3	583
1992..	281	391	360	11	95	535	1	577
$1,000, 1997..	945	1 691	758	47	112	2 092	(D)	1 038
1992..	796	1 275	738	(D)	167	2 283	(D)	1 167
Agricultural chemicals ..... farms, 1997..	140	221	237	10	77	531	3	347
1992..	155	210	195	8	70	483	1	359
$1,000, 1997..	523	914	670	(D)	69	3 250	(D)	783
1992..	433	610	443	(D)	62	3 224	(D)	827
Petroleum products ..... farms, 1997..	382	510	499	13	183	676	5	903
1992..	374	510	480	14	175	622	2	902
$1,000, 1997..	1 253	1 152	2 333	113	422	2 927	24	1 711
1992..	952	948	1 796	(D)	528	2 447	(D)	1 596
Gasoline and gasohol ..... farms, 1997..	334	419	387	9	133	579	3	684
1992..	353	402	403	11	163	540	1	740
$1,000, 1997..	373	339	473	34	110	1 309	6	638
1992..	294	421	478	(D)	127	1 242	(D)	568
Diesel fuel ..... farms, 1997..	205	328	273	5	108	374	1	592
1992..	172	316	280	9	63	324	–	598
$1,000, 1997..	231	376	284	(D)	97	559	(D)	567
1992..	190	300	275	17	67	499	–	584
Natural gas ..... farms, 1997..	19	20	54	3	9	42	1	12
1992..	8	26	18	–	7	21	–	19
$1,000, 1997..	130	100	341	(D)	92	41	(D)	18
1992..	145	14	134	–	116	19	–	24
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	255	377	416	11	104	524	4	556
1992..	253	382	318	8	103	481	2	621
$1,000, 1997..	519	337	1 236	63	123	1 017	(D)	488
1992..	323	213	908	(D)	217	686	(D)	420
Electricity ..... farms, 1997..	342	369	314	14	116	505	4	624
1992..	259	331	371	10	135	449	2	667
$1,000, 1997..	449	653	869	69	198	1 326	(D)	1 262
1992..	483	484	1 166	(D)	181	1 059	(D)	1 242
Hired farm labor ..... farms, 1997..	159	201	278	10	76	308	3	271
1992..	118	193	158	8	48	273	1	288
$1,000, 1997..	7 152	6 198	11 192	1 001	2 049	20 076	(D)	9 187
1992..	4 395	5 215	12 409	(D)	2 278	21 944	(D)	9 986
Contract labor ..... farms, 1997..	34	56	53	5	21	255	–	77
1992..	54	65	37	2	30	270	–	81
$1,000, 1997..	295	268	566	(D)	82	3 285	–	1 236
1992..	249	272	593	(D)	173	3 163	–	661
Repair and maintenance ..... farms, 1997..	360	440	449	12	151	623	4	762
1992..	332	446	443	10	159	589	1	786
$1,000, 1997..	1 513	2 084	2 206	87	737	6 523	9	2 670
1992..	1 009	1 288	1 885	(D)	446	4 419	(D)	2 726
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	87	78	93	9	17	254	1	128
1992..	58	164	79	3	20	248	–	117
$1,000, 1997..	240	334	429	43	33	4 316	(D)	372
1992..	72	212	101	(D)	131	2 172	–	308
Interest ..... farms, 1997..	104	167	111	13	41	268	3	256
1992..	123	145	123	8	36	273	1	213
$1,000, 1997..	791	1 222	1 187	141	189	5 509	5	1 737
1992..	846	659	963	(D)	225	5 521	(D)	1 668
Interest paid on debt:								
Secured by real estate ..... farms, 1997..	82	118	76	9	28	251	1	179
1992..	80	111	93	5	23	200	–	181
$1,000, 1997..	519	984	979	(D)	134	5 157	(D)	1 250
1992..	639	489	667	(D)	190	4 851	–	1 356
Not secured by real estate ..... farms, 1997..	41	70	56	7	18	39	2	155
1992..	80	77	60	5	16	110	1	92
$1,000, 1997..	272	237	208	(D)	55	351	(D)	487
1992..	207	170	296	(D)	34	669	(D)	312
Cash rent ..... farms, 1997..	71	123	86	4	17	62	–	152
1992..	62	140	92	4	28	66	–	175
$1,000, 1997..	366	766	507	(D)	44	2 080	–	398
1992..	300	577	431	9	69	1 184	–	670
Property taxes paid ..... farms, 1997..	392	510	495	13	177	661	5	925
1992..	376	480	499	11	164	627	2	954
$1,000, 1997..	1 110	1 372	2 075	38	709	5 110	13	2 769
1992..	1 037	1 266	1 887	(D)	596	3 994	(D)	2 478
All other farm production expenses ..... farms, 1997..	403	496	504	12	168	698	4	867
1992..	331	495	464	13	161	654	2	861
$1,000, 1997..	3 806	3 269	7 399	824	907	14 651	26	6 616
1992..	2 316	2 759	4 249	(D)	1 300	8 662	(D)	6 819

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	5 571	221	388	555	64	395	543
1992..	5 258	146	319	522	56	358	519
$1,000, 1997..	135 155	7 036	2 304	11 008	70	9 107	7 873
1992..	77 725	2 305	2 291	6 794	(D)	4 277	3 230
Average per farm ..... dollars, 1997..	24 260	31 837	5 939	19 835	1 092	23 055	14 500
1992..	14 782	15 788	7 182	13 015	(D)	11 946	6 224
Farms with net gains[2] ..... number, 1997..	2 861	165	158	270	24	194	284
1992..	2 556	101	113	275	18	150	227
$1,000, 1997..	158 941	7 699	5 790	12 883	398	11 398	9 881
1992..	97 366	2 522	3 591	8 624	(D)	6 379	5 208
Average per farm ..... dollars, 1997..	55 554	46 658	36 648	47 714	16 566	58 751	34 792
1992..	38 093	24 974	31 783	31 359	(D)	42 527	22 941
Farms with net losses ..... number, 1997..	2 710	56	230	285	40	201	259
1992..	2 702	45	206	247	38	208	292
$1,000, 1997..	23 785	663	3 486	1 874	328	2 291	2 007
1992..	19 641	217	1 300	1 830	340	2 102	1 978
Average per farm ..... dollars, 1997..	8 777	11 831	15 157	6 577	8 193	11 398	7 751
1992..	7 269	4 830	6 312	7 408	8 956	10 106	6 772
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	401	11	32	56	6	28	56
1992..	477	14	27	69	7	30	70
$1,000, 1997..	1 209	27	98	73	23	98	216
1992..	1 886	148	77	410	16	93	179
Average per farm ..... dollars, 1997..	3 015	2 487	3 060	1 309	3 884	3 510	3 854
1992..	3 953	10 562	2 866	5 938	2 228	3 084	2 551
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	71	1	1	7	4	11	7
1992..	39	1	2	7	–	–	6
$1,000, 1997..	146	(D)	(D)	6	6	23	25
1992..	73	(D)	(D)	11	–	–	3
Average per farm ..... dollars, 1997..	2 051	(D)	(D)	875	1 450	2 058	3 558
1992..	1 881	(D)	(D)	1 502	–	–	454
OTHER FARM-RELATED INCOME[1]							
Gross before taxes and expenses ..... farms, 1997..	1 340	17	94	66	18	113	240
1992..	1 408	22	53	117	7	116	203
$1,000, 1997..	7 773	342	211	303	(D)	594	1 014
1992..	6 416	215	172	675	29	576	910
Average per farm ..... dollars, 1997..	5 801	20 106	2 239	4 586	(D)	5 254	4 226
1992..	4 557	9 755	3 241	5 773	4 076	4 965	4 483
Customwork and other agricultural services .... farms, 1997..	416	11	20	16	13	53	72
1992..	506	11	19	39	4	50	85
$1,000, 1997..	3 484	289	15	112	(D)	476	63
1992..	2 494	141	(D)	106	(D)	230	201
Rental of farmland ..... farms, 1997..	254	7	28	27	2	3	41
1992..	276	5	1	28	–	28	38
$1,000, 1997..	598	(D)	62	135	(D)	(D)	55
1992..	486	(D)	(D)	105	–	65	110
Sales of forest products, excluding Christmas trees and maple products[3] ..... farms, 1997..	487	–	20	9	6	70	86
1992..	631	6	25	64	4	37	110
$1,000, 1997..	1 997	–	86	9	12	83	448
1992..	2 478	62	132	369	9	263	490
Other farm-related income sources ..... farms, 1997..	452	3	39	22	1	4	121
1992..	321	2	13	23	1	19	62
$1,000, 1997..	1 695	(D)	49	47	(D)	(D)	448
1992..	958	(D)	25	96	(D)	18	109
DIRECT SALES							
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms, 1997..	1 226	58	90	117	21	79	135
1992..	1 080	25	71	107	18	84	121
$1,000, 1997..	19 825	259	684	2 292	268	2 122	1 746
1992..	14 982	119	449	2 262	328	1 748	909
Average per farm ..... dollars, 1997..	16 170	4 472	7 595	19 587	12 753	26 867	12 933
1992..	13 872	4 746	6 327	21 144	18 195	20 805	7 515
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms, 1997..	7	–	1	1	–	–	1
1992..	9	–	2	1	–	–	1
$1,000, 1997..	137	–	(D)	(D)	–	–	(D)
1992..	140	–	(D)	(D)	–	–	(D)
Corn ..... farms, 1997..	7	–	1	1	–	–	1
1992..	5	–	2	1	–	–	–
$1,000, 1997..	137	–	(D)	(D)	–	–	(D)
1992..	(D)	–	(D)	(D)	–	–	–
Wheat ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Soybeans ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
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		Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	418	539	531	14	184	731	5	983
	1992	409	526	535	14	187	668	2	997
	$1,000, 1997	6 511	8 874	22 468	–5	1 467	44 695	–1	13 747
	1992	2 585	4 052	11 139	(D)	342	33 643	(D)	6 958
Average per farm	dollars, 1997	15 576	16 465	42 312	–329	7 974	61 143	–238	13 984
	1992	6 319	7 704	20 820	(D)	1 829	50 363	(D)	6 979
Farms with net gains[2]	number, 1997	179	282	226	8	87	525	4	455
	1992	182	239	256	3	85	466	2	439
	$1,000, 1997	8 367	10 588	25 145	(D)	2 586	46 401	(D)	17 205
	1992	4 308	5 788	13 080	(D)	1 365	35 549	(D)	10 410
Average per farm	dollars, 1997	46 743	37 545	111 263	(D)	29 724	88 383	(D)	37 814
	1992	23 668	24 218	51 094	(D)	16 058	76 286	(D)	23 712
Farms with net losses	number, 1997	239	257	305	6	97	206	1	528
	1992	227	287	279	11	102	202	–	558
	$1,000, 1997	1 856	1 713	2 678	(D)	1 119	1 706	(D)	3 459
	1992	1 723	1 736	1 941	92	1 023	1 907	–	3 452
Average per farm	dollars, 1997	7 766	6 667	8 779	(D)	11 534	8 279	(D)	6 550
	1992	7 591	6 048	6 958	8 387	10 028	9 438	–	6 186
GOVERNMENT PAYMENTS									
Total received	farms, 1997	18	47	27	–	11	29	–	80
	1992	34	58	37	3	15	39	–	74
	$1,000, 1997	57	151	67	–	40	73	–	285
	1992	140	171	125	3	84	249	–	191
Average per farm	dollars, 1997	3 179	3 222	2 465	–	3 650	2 502	–	3 563
	1992	4 121	2 941	3 388	1 058	5 623	6 397	–	2 581
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	2	5	8	–	5	6	–	14
	1992	2	2	5	–	1	4	–	9
	$1,000, 1997	(D)	23	18	–	6	3	–	32
	1992	(D)	(D)	21	–	(D)	19	–	16
Average per farm	dollars, 1997	(D)	4 566	2 214	–	1 271	425	–	2 290
	1992	(D)	(D)	4 190	–	(D)	4 830	–	1 736
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	100	142	110	3	69	169	–	199
	1992	91	173	152	6	40	160	–	268
	$1,000, 1997	630	373	736	(D)	446	2 243	–	750
	1992	265	522	376	38	290	1 319	–	1 030
Average per farm	dollars, 1997	6 302	2 629	6 690	(D)	6 467	13 273	–	3 771
	1992	2 907	3 017	2 474	6 300	7 251	8 241	–	3 845
Customwork and other agricultural services	farms, 1997	19	33	26	3	19	70	–	61
	1992	17	50	84	5	18	65	–	59
	$1,000, 1997	173	75	403	(D)	229	1 305	–	231
	1992	59	60	178	29	(D)	868	–	456
Rental of farmland	farms, 1997	21	41	20	–	11	13	–	40
	1992	17	58	7	1	–	21	–	72
	$1,000, 1997	31	81	91	–	34	34	–	56
	1992	13	58	8	(D)	–	64	–	52
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	42	21	67	–	41	42	–	83
	1992	53	48	67	–	21	53	–	143
	$1,000, 1997	194	65	196	–	151	484	–	268
	1992	137	235	174	–	129	95	–	383
Other farm-related income sources	farms, 1997	31	69	19	–	10	63	–	70
	1992	24	38	23	2	11	35	–	68
	$1,000, 1997	232	152	46	–	32	420	–	195
	1992	55	168	17	(D)	(D)	291	–	139
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	102	127	150	4	50	75	1	217
	1992	93	114	130	4	32	72	1	208
	$1,000, 1997	1 409	1 562	2 905	(D)	596	763	(D)	4 725
	1992	1 009	663	2 122	(D)	396	357	(D)	4 072
Average per farm	dollars, 1997	13 811	12 303	19 369	(D)	11 922	10 174	(D)	21 775
	1992	10 847	5 818	16 320	(D)	12 362	4 960	(D)	19 575
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	–	3	1	–	–	–	–	–
	1992	1	2	2	–	–	–	–	–
	$1,000, 1997	–	(D)	(D)	–	–	–	–	–
	1992	(D)	(D)	(D)	–	–	–	–	–
Corn	farms, 1997	–	3	1	–	–	–	–	–
	1992	–	2	–	–	–	–	–	–
	$1,000, 1997	–	(D)	(D)	–	–	–	–	–
	1992	–	(D)	–	–	–	–	–	–
Wheat	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
Soybeans	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
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..	4	–	–	–	–	–	1
$1,000, 1997..	–	–	–	–	–	–	–
1992..	(D)	–	–	–	–	–	(D)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–	–
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	–	–	–	–	–
$1,000, 1997..	–	–	–	–	–	–	–	–
1992..	(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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Hired farm labor ..... farms..	2 188	104	142	166	25	187	258
workers..	13 930	557	566	659	157	978	1 490
$1,000 payroll..	81 630	3 066	2 723	4 170	(D)	5 151	9 257
Farms with—							
1 worker ..... farms..	560	28	51	71	3	45	50
workers..	560	28	51	71	(D)	45	50
2 workers ..... farms..	415	26	35	36	10	30	72
workers..	830	52	70	72	20	60	144
3 or 4 workers ..... farms..	469	22	23	28	4	36	55
workers..	1 633	81	86	99	12	128	190
5 to 9 workers ..... farms..	385	16	18	13	6	55	42
workers..	2 463	106	111	86	40	353	268
10 workers or more ..... farms..	359	12	15	18	2	21	39
workers..	8 444	290	248	331	(D)	392	838
Workers by days worked:							
150 days or more ..... farms..	988	39	46	57	9	107	78
workers..	4 635	128	175	249	46	275	443
Farms with—							
1 worker ..... farms..	371	18	19	12	3	54	16
workers..	371	18	19	12	(D)	54	16
2 workers ..... farms..	205	6	8	17	–	24	24
workers..	410	(D)	16	34	–	48	48
3 or 4 workers ..... farms..	201	10	8	14	1	12	13
workers..	693	31	27	45	(D)	44	44
5 to 9 workers ..... farms..	119	2	7	6	4	13	16
workers..	748	(D)	47	42	22	82	97
10 workers or more ..... farms..	92	3	4	8	1	4	9
workers..	2 413	55	66	116	(D)	47	238
Less than 150 days ..... farms..	1 933	96	123	144	24	176	244
workers..	9 295	429	391	410	111	703	1 047
Farms with—							
1 worker ..... farms..	654	39	47	78	6	64	58
workers..	654	39	47	78	6	64	58
2 workers ..... farms..	362	20	37	22	10	23	76
workers..	724	40	74	44	(D)	46	152
3 or 4 workers ..... farms..	387	16	22	27	4	37	43
workers..	1 325	57	80	90	(D)	127	153
5 to 9 workers ..... farms..	288	12	7	5	2	42	41
workers..	1 802	81	39	32	(D)	265	251
10 workers or more ..... farms..	242	9	10	12	2	10	26
workers..	4 790	212	151	166	(D)	201	433
Reported only workers working 150 days or more ..... farms..	255	8	19	22	1	11	14
workers..	1 062	42	65	80	(D)	42	81
$1,000 payroll..	13 927	713	695	1 063	(D)	546	967
Reported only workers working less than 150 days ..... farms..	1 200	65	96	109	16	80	180
workers..	3 978	218	282	185	33	205	550
$1,000 payroll..	6 185	424	249	433	39	312	714
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	733	31	27	35	8	96	64
150 days or more..	3 573	86	110	169	(D)	233	362
less than 150 days..	5 317	211	109	225	78	498	497
$1,000 payroll..	61 518	1 929	1 779	2 675	(D)	4 293	7 577

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Hired farm labor ..... farms..	159	201	278	10	76	308	3	271
workers..	1 406	1 554	1 940	129	349	2 311	9	1 825
$1,000 payroll..	7 152	6 198	11 192	1 001	2 049	20 076	(D)	9 187
Farms with—								
1 worker ..... farms..	25	50	90	2	14	67	1	63
workers..	25	50	90	(D)	14	67	(D)	63
2 workers ..... farms..	45	23	46	–	22	43	–	27
workers..	90	46	92	–	44	86	–	54
3 or 4 workers ..... farms..	40	24	25	2	20	90	1	99
workers..	127	83	83	(D)	66	319	(D)	349
5 to 9 workers ..... farms..	18	48	58	4	11	57	1	38
workers..	102	293	385	(D)	65	365	(D)	260
10 workers or more ..... farms..	31	56	59	2	9	51	–	44
workers..	1 062	1 082	1 290	(D)	160	1 474	–	1 099
Workers by days worked:								
150 days or more ..... farms..	74	74	127	6	42	190	1	138
workers..	437	314	584	(D)	113	1 108	(D)	676
Farms with—								
1 worker ..... farms..	30	29	63	2	19	57	–	49
workers..	30	29	63	(D)	19	57	–	49
2 workers ..... farms..	13	13	8	2	10	52	–	28
workers..	26	26	16	(D)	20	104	–	56
3 or 4 workers ..... farms..	20	13	24	–	5	41	–	40
workers..	75	42	84	–	(D)	143	–	140
5 to 9 workers ..... farms..	5	13	15	–	6	20	1	11
workers..	37	83	98	–	33	123	(D)	67
10 workers or more ..... farms..	6	6	17	2	2	20	–	10
workers..	269	134	323	(D)	(D)	681	–	364
Less than 150 days ..... farms..	140	189	235	10	65	256	2	229
workers..	969	1 240	1 356	(D)	236	1 203	(D)	1 149
Farms with—								
1 worker ..... farms..	29	52	91	2	21	101	1	65
workers..	29	52	91	(D)	21	101	(D)	65
2 workers ..... farms..	34	27	37	2	15	30	–	29
workers..	68	54	74	(D)	30	60	–	58
3 or 4 workers ..... farms..	33	24	26	1	15	68	1	70
workers..	103	86	87	(D)	45	239	(D)	240
5 to 9 workers ..... farms..	29	37	32	4	8	31	–	38
workers..	187	214	196	(D)	45	200	–	258
10 workers or more ..... farms..	15	49	49	1	6	26	–	27
workers..	582	834	908	(D)	95	603	–	528
Reported only workers working 150 days or more ..... farms..	19	12	43	–	11	52	1	42
workers..	39	44	187	–	(D)	279	(D)	157
$1,000 payroll..	548	528	2 689	–	(D)	3 778	(D)	1 936
Reported only workers working less than 150 days ..... farms..	85	127	151	4	34	118	2	133
workers..	225	728	684	(D)	(D)	406	(D)	380
$1,000 payroll..	255	1 021	976	(D)	(D)	699	(D)	862
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	55	62	84	6	31	138	–	96
150 days or more..	398	270	397	(D)	79	829	–	519
less than 150 days..	744	512	672	37	168	797	–	769
$1,000 payroll..	6 350	4 649	7 527	(D)	1 581	15 599	–	6 389

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
FARMS AND LAND IN FARMS							
Farms ..... number, 1997..	5 574	221	387	555	64	396	543
1992..	5 258	144	320	523	56	357	519
Land in farms ..... acres, 1997..	518 299	4 746	62 833	37 173	4 896	25 547	75 134
1992..	526 440	5 340	60 980	34 235	5 757	25 470	74 484
Average size of farm ..... acres, 1997..	93	21	162	67	77	65	138
1992..	100	37	191	65	103	71	144
Estimated market value of land and buildings[1] .... farms, 1997..	5 571	221	388	555	64	395	543
1992..	5 258	146	319	522	56	358	519
$1,000, 1997..	2 534 884	72 813	212 112	253 350	42 299	208 000	170 825
1992..	2 420 837	56 357	164 493	233 510	54 510	279 631	198 317
Average per farm ..... dollars, 1997..	455 014	329 469	546 679	456 486	660 929	526 583	314 595
1992..	460 410	386 004	515 652	447 338	973 386	781 091	382 114
Average per acre ..... dollars, 1997..	5 207	15 774	3 150	7 625	8 640	8 602	2 279
1992..	4 898	13 021	3 325	6 218	9 468	12 721	2 601
1997 farms by value group:							
$1 to $39,999	411	48	21	31	7	37	48
$40,000 to $69,999	300	20	12	24	1	29	15
$70,000 to $99,999	175	5	4	19	3	22	2
$100,000 to $149,999	464	20	20	39	4	10	80
$150,000 to $199,999	741	17	43	85	8	23	77
$200,000 to $499,999	2 029	71	134	207	21	137	229
$500,000 to $999,999	909	22	112	90	9	90	67
$1,000,000 to $1,999,999	374	12	23	44	6	34	21
$2,000,000 to $4,999,999	147	6	18	15	4	9	4
$5,000,000 or more	21	–	1	1	1	4	–
Approximate land area ..... acres, 1997..	5 016 290	253 287	596 082	355 864	66 445	318 764	449 373
Proportion in farms ..... percent, 1997..	10.3	1.9	10.5	10.4	7.4	8.0	16.7
1997 size of farm:							
1 to 9 acres ..... farms..	1 254	127	57	120	23	103	53
acres..	5 418	463	279	516	(D)	410	249
10 to 49 acres ..... farms..	1 865	71	96	206	26	153	137
acres..	46 154	1 536	2 601	4 930	651	3 438	3 494
50 to 69 acres ..... farms..	485	7	24	64	4	32	52
acres..	27 988	410	1 380	3 644	223	1 865	3 023
70 to 99 acres ..... farms..	479	8	45	46	5	26	47
acres..	39 469	637	3 670	3 773	452	2 191	3 923
100 to 139 acres ..... farms..	456	3	32	47	2	32	72
acres..	53 014	(D)	3 826	5 480	(D)	3 639	8 227
140 to 179 acres ..... farms..	270	1	25	24	1	14	49
acres..	42 161	(D)	3 961	3 700	(D)	2 212	7 661
180 to 219 acres ..... farms..	206	–	26	16	–	11	34
acres..	40 700	–	5 141	3 141	–	2 135	6 759
220 to 259 acres ..... farms..	117	1	7	9	–	6	22
acres..	27 628	(D)	1 622	2 131	–	(D)	(D)
260 to 499 acres ..... farms..	291	3	41	16	1	15	53
acres..	101 847	(D)	13 794	5 413	(D)	5 082	19 125
500 to 999 acres ..... farms..	121	–	27	7	1	3	22
acres..	79 768	–	18 314	4 445	(D)	1 922	15 355
1,000 to 1,999 acres ..... farms..	26	–	7	–	1	1	2
acres..	(D)	–	8 245	–	(D)	(D)	(D)
2,000 acres or more ..... farms..	4	–	–	–	–	–	–
acres..	(D)	–	–	–	–	–	–
1992 size of farm:							
1 to 9 acres ..... farms..	1 044	64	31	129	19	83	41
acres..	(D)	294	123	(D)	70	(D)	(D)
10 to 49 acres ..... farms..	1 738	60	69	187	11	153	123
acres..	43 554	1 321	1 795	4 908	302	3 550	3 221
50 to 69 acres ..... farms..	479	3	25	46	7	27	45
acres..	27 688	168	1 413	2 710	424	1 614	2 618
70 to 99 acres ..... farms..	459	5	29	54	9	24	56
acres..	37 805	(D)	2 345	4 383	734	1 962	4 585
100 to 139 acres ..... farms..	459	5	31	43	3	20	74
acres..	53 240	576	3 535	4 894	329	2 232	8 693
140 to 179 acres ..... farms..	270	–	28	25	3	12	45
acres..	42 294	–	4 587	3 894	499	1 832	7 050
180 to 219 acres ..... farms..	212	2	17	5	1	13	34
acres..	42 113	(D)	3 374	975	(D)	2 611	6 623
220 to 259 acres ..... farms..	120	2	14	9	–	5	15
acres..	28 766	(D)	3 430	2 213	–	1 225	3 585
260 to 499 acres ..... farms..	322	2	43	21	1	12	63
acres..	111 243	(D)	14 466	6 926	(D)	4 010	22 396
500 to 999 acres ..... farms..	121	1	23	3	1	7	21
acres..	76 661	(D)	14 662	1 785	(D)	4 713	13 473
1,000 to 1,999 acres ..... farms..	29	–	10	1	1	1	2
acres..	37 056	–	11 250	(D)	(D)	(D)	(D)
2,000 acres or more ..... farms..	5	–	–	–	–	–	–
acres..	(D)	–	–	–	–	–	–

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	418	539	531	14	185	732	5	984
1992..	410	527	535	14	186	668	2	997
Land in farms ..... acres, 1997..	37 417	52 092	30 718	1 049	9 869	73 418	7	103 400
1992..	37 477	53 459	31 583	(D)	9 882	72 247	(D)	114 805
Average size of farm ..... acres, 1997..	90	97	58	75	53	100	1	105
1992..	91	101	59	(D)	53	108	(D)	115
Estimated market value of land and buildings[1] .... farms, 1997..	418	539	531	14	184	731	5	983
1992..	409	526	535	14	187	668	2	997
$1,000, 1997..	149 495	162 942	267 262	9 522	105 579	507 829	1 695	371 160
1992..	120 997	170 953	215 406	(D)	84 947	430 034	(D)	402 640
Average per farm ..... dollars, 1997..	357 644	302 304	503 318	680 147	573 801	694 704	339 000	377 579
1992..	295 835	325 006	402 629	(D)	454 263	643 763	(D)	403 851
Average per acre ..... dollars, 1997..	4 617	3 859	9 762	9 077	9 917	6 654	242 143	4 236
1992..	3 275	3 851	7 647	(D)	9 533	6 289	(D)	3 615
1997 farms by value group:								
$1 to $39,999	16	43	29	1	–	71	–	59
$40,000 to $69,999	50	48	27	–	17	27	–	30
$70,000 to $99,999	20	20	18	–	–	24	–	38
$100,000 to $149,999	31	81	23	–	13	50	1	92
$150,000 to $199,999	65	73	93	–	14	85	2	156
$200,000 to $499,999	168	193	163	6	71	232	1	396
$500,000 to $999,999	32	52	114	5	40	144	–	132
$1,000,000 to $1,999,999	21	24	40	1	20	65	1	62
$2,000,000 to $4,999,999	15	4	23	1	9	22	–	17
$5,000,000 or more	–	1	1	–	–	11	–	1
Approximate land area ..... acres, 1997..	395 851	338 578	527 069	30 580	255 746	422 775	37 452	968 424
Proportion in farms ..... percent, 1997..	9.5	15.4	5.8	3.4	3.9	17.4	(Z)	10.7
1997 size of farm:								
1 to 9 acres ..... farms..	72	115	163	8	69	188	5	151
acres..	306	537	708	(D)	305	835	7	688
10 to 49 acres ..... farms..	145	172	195	4	66	299	–	295
acres..	3 696	4 472	4 755	96	1 616	7 127	–	7 742
50 to 69 acres ..... farms..	30	55	48	–	9	60	–	100
acres..	1 771	3 148	2 832	–	503	3 413	–	5 776
70 to 99 acres ..... farms..	49	51	38	–	10	54	–	100
acres..	4 020	4 164	3 123	–	808	4 490	–	8 218
100 to 139 acres ..... farms..	47	36	35	–	8	34	–	108
acres..	5 424	4 254	4 159	–	894	4 001	–	12 583
140 to 179 acres ..... farms..	20	30	18	–	6	17	–	65
acres..	3 035	4 653	2 727	–	(D)	2 643	–	10 274
180 to 219 acres ..... farms..	12	20	10	1	6	19	–	51
acres..	(D)	3 978	1 990	(D)	(D)	3 708	–	10 098
220 to 259 acres ..... farms..	11	16	9	–	3	17	–	16
acres..	2 533	3 813	2 151	–	(D)	4 074	–	3 740
260 to 499 acres ..... farms..	23	28	8	–	7	22	–	74
acres..	7 960	10 348	2 933	–	2 440	7 548	–	25 824
500 to 999 acres ..... farms..	8	12	7	1	1	11	–	21
acres..	4 983	8 075	5 340	(D)	(D)	6 218	–	12 975
1,000 to 1,999 acres ..... farms..	1	4	–	–	–	8	–	2
acres..	(D)	4 650	–	–	–	10 514	–	(D)
2,000 acres or more ..... farms..	–	–	–	–	–	3	–	1
acres..	–	–	–	–	–	18 847	–	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	67	96	155	7	60	153	2	137
acres..	(D)	(D)	658	22	242	685	(D)	(D)
10 to 49 acres ..... farms..	149	159	206	4	71	262	–	284
acres..	3 572	3 935	5 142	94	1 764	6 348	–	7 602
50 to 69 acres ..... farms..	30	57	52	–	14	67	–	106
acres..	1 708	3 283	3 041	–	779	3 815	–	6 115
70 to 99 acres ..... farms..	45	56	25	1	8	48	–	99
acres..	3 684	4 652	2 092	(D)	673	3 996	–	8 203
100 to 139 acres ..... farms..	39	46	35	–	14	35	–	114
acres..	4 480	5 377	4 098	–	1 615	4 049	–	13 362
140 to 179 acres ..... farms..	21	19	25	–	3	18	–	71
acres..	3 163	3 019	3 906	–	462	2 712	–	11 170
180 to 219 acres ..... farms..	17	29	14	1	6	20	–	53
acres..	3 391	5 817	2 804	(D)	1 195	3 958	–	10 540
220 to 259 acres ..... farms..	9	16	6	–	3	12	–	29
acres..	2 099	3 813	1 464	–	(D)	2 876	–	6 897
260 to 499 acres ..... farms..	25	31	10	1	6	32	–	75
acres..	9 110	10 787	3 501	(D)	1 884	10 152	–	26 287
500 to 999 acres ..... farms..	7	17	7	–	1	9	–	24
acres..	4 151	10 730	4 877	–	(D)	5 298	–	14 748
1,000 to 1,999 acres ..... farms..	1	1	–	–	–	9	–	3
acres..	(D)	(D)	–	–	–	11 773	–	4 300
2,000 acres or more ..... farms..	–	–	–	–	–	3	–	2
acres..	–	–	–	–	–	16 585	–	(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		Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1997	4 990	181	344	499	53	357	482
	1992	4 853	138	302	482	51	316	489
	acres, 1997	223 573	2 493	30 794	17 598	1 365	12 427	31 698
	1992	235 284	(D)	29 383	18 262	1 613	14 304	32 709
Harvested cropland	farms, 1997	4 587	170	319	452	47	326	434
	1992	4 417	131	274	433	47	285	455
	acres, 1997	168 765	2 111	21 725	13 145	830	10 031	22 069
	1992	173 255	1 447	20 676	13 257	745	10 257	23 897
Cropland used only for pasture or grazing	farms, 1997	1 621	14	181	172	24	108	222
	1992	1 813	21	174	178	28	107	242
	acres, 1997	39 471	(D)	7 754	3 595	490	1 428	7 948
	1992	45 142	395	7 031	3 919	718	2 425	7 484
Other cropland	farms, 1997	1 006	37	62	88	13	78	108
	1992	1 082	24	61	94	16	96	105
	acres, 1997	15 337	(D)	1 315	858	45	968	1 681
	1992	16 887	(D)	1 676	1 086	150	1 622	1 328
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	296	7	24	27	8	25	40
	1992	334	8	26	30	5	29	32
	acres, 1997	3 961	31	514	237	(D)	282	630
	1992	4 777	(D)	572	354	33	396	396
Cropland on which all crops failed	farms, 1997	165	4	7	13	1	14	12
	1992	185	3	13	18	5	15	14
	acres, 1997	1 201	(D)	36	52	(D)	78	104
	1992	1 575	(D)	(D)	176	11	88	161
Cropland in cultivated summer fallow	farms, 1997	70	1	5	8	–	10	10
	1992	102	3	3	4	5	14	11
	acres, 1997	409	(D)	37	50	–	95	42
	1992	1 240	(D)	(D)	147	19	292	58
Cropland idle	farms, 1997	661	28	37	49	6	47	63
	1992	683	14	34	57	7	64	65
	acres, 1997	9 766	187	728	519	19	513	905
	1992	9 295	(D)	997	409	87	846	713
Total woodland	farms, 1997	3 011	44	268	300	29	183	404
	1992	3 032	53	217	275	33	162	394
	acres, 1997	197 075	(D)	24 830	12 331	1 665	6 919	35 698
	1992	202 360	(D)	22 607	10 814	2 149	7 211	36 339
Woodland pastured	farms, 1997	734	3	85	90	11	44	112
	1992	838	6	86	75	10	29	140
	acres, 1997	20 194	(D)	2 747	1 584	696	1 106	3 948
	1992	26 393	17	3 501	1 376	702	745	5 477
Woodland not pastured	farms, 1997	2 726	43	244	250	25	162	375
	1992	2 717	50	186	232	28	150	353
	acres, 1997	176 881	(D)	22 083	10 747	969	5 813	31 750
	1992	175 967	(D)	19 106	9 438	1 447	6 466	30 862
Other land	farms, 1997	3 974	149	264	383	50	282	399
	1992	3 568	99	210	340	34	250	348
	acres, 1997	97 651	(D)	7 209	7 244	1 866	6 201	7 738
	1992	88 796	1 885	8 990	5 159	1 995	3 955	5 436
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	885	17	85	76	14	64	109
	1992	786	12	72	64	13	67	81
	acres, 1997	24 183	235	2 656	1 325	898	1 683	3 194
	1992	24 535	117	3 403	950	1 088	1 404	2 280
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	3 734	141	243	364	46	264	370
	1992	3 310	96	190	317	31	226	323
	acres, 1997	73 468	(D)	4 553	5 919	968	4 518	4 544
	1992	64 261	1 768	5 587	4 209	907	2 551	3 156
Pastureland, all types	farms, 1997	2 516	33	261	248	36	173	330
	1992	2 613	32	228	255	34	174	327
	acres, 1997	83 848	(D)	13 157	6 504	2 084	4 217	15 090
	1992	96 070	529	13 935	6 245	2 508	4 574	15 241
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	71	1	1	7	4	11	7
	1992	58	3	3	8	–	1	6
	acres, 1997	2 690	(D)	(D)	109	116	421	433
	1992	1 388	3	22	73	–	(D)	68

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		Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1997	386	478	463	14	156	677	5	895
	1992	367	497	476	14	165	626	2	928
	acres, 1997	16 114	26 865	15 253	(D)	3 856	20 665	(D)	44 047
	1992	15 047	29 934	18 005	(D)	4 636	20 142	(D)	48 642
Harvested cropland	farms, 1997	352	437	432	13	137	642	5	821
	1992	323	456	428	12	145	594	2	832
	acres, 1997	11 663	21 276	11 992	(D)	2 763	17 573	(D)	33 232
	1992	10 842	22 699	13 972	(D)	3 185	16 578	(D)	35 274
Cropland used only for pasture or grazing	farms, 1997	148	169	110	3	52	91	–	327
	1992	152	191	136	5	60	113	–	406
	acres, 1997	3 147	3 621	1 875	(D)	(D)	1 594	–	7 017
	1992	2 511	4 737	2 473	126	905	2 063	–	10 355
Other cropland	farms, 1997	85	110	91	1	30	134	–	169
	1992	97	130	119	3	34	113	–	190
	acres, 1997	1 304	1 968	1 386	(D)	(D)	1 498	–	3 798
	1992	1 694	2 498	1 560	(D)	546	1 501	–	3 013
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1997	36	33	31	–	2	26	–	37
	1992	29	54	30	1	12	18	–	60
	acres, 1997	525	247	382	–	(D)	359	–	709
	1992	305	1 119	194	(D)	58	418	–	905
Cropland on which all crops failed	farms, 1997	15	13	20	–	17	15	–	34
	1992	18	23	18	1	4	22	–	31
	acres, 1997	135	85	146	–	171	75	–	309
	1992	236	256	75	(D)	18	168	–	298
Cropland in cultivated summer fallow	farms, 1997	6	7	5	1	4	6	–	7
	1992	13	13	6	–	5	7	–	18
	acres, 1997	27	26	43	(D)	(D)	20	–	50
	1992	298	103	29	–	50	17	–	183
Cropland idle	farms, 1997	60	73	60	–	16	99	–	123
	1992	61	68	82	2	26	79	–	124
	acres, 1997	617	1 610	815	–	79	1 044	–	2 730
	1992	855	1 020	1 262	(D)	420	898	–	1 627
Total woodland	farms, 1997	247	312	235	1	85	282	–	621
	1992	268	294	242	2	84	325	–	683
	acres, 1997	16 732	18 475	9 486	(D)	4 152	24 584	–	41 634
	1992	18 307	17 586	8 363	(D)	3 550	23 070	–	50 858
Woodland pastured	farms, 1997	64	63	45	–	12	38	–	167
	1992	82	104	54	–	28	55	–	169
	acres, 1997	1 126	1 960	557	–	(D)	1 317	–	5 001
	1992	2 381	2 872	904	–	971	1 331	–	6 116
Woodland not pastured	farms, 1997	225	289	216	1	77	265	–	554
	1992	235	267	217	2	68	293	–	636
	acres, 1997	15 606	16 515	8 929	(D)	(D)	23 267	–	36 633
	1992	15 926	14 714	7 459	(D)	2 579	21 739	–	44 742
Other land	farms, 1997	289	372	381	9	133	556	1	706
	1992	286	352	367	6	116	492	–	668
	acres, 1997	4 571	6 752	5 979	(D)	1 861	28 169	(D)	17 719
	1992	4 123	5 939	5 215	63	1 696	29 035	–	15 305
Pastureland and rangeland other than cropland and woodland pastured	farms, 1997	54	82	84	–	34	61	–	205
	1992	51	77	82	–	24	73	–	170
	acres, 1997	1 398	2 421	1 840	–	572	1 105	–	6 856
	1992	724	2 388	1 839	–	479	3 158	–	6 705
Land in house lots, ponds, roads, wasteland, etc.	farms, 1997	271	355	361	9	117	542	1	650
	1992	271	326	328	6	108	468	–	620
	acres, 1997	3 173	4 331	4 139	(D)	1 289	27 064	(D)	10 863
	1992	3 399	3 551	3 376	63	1 217	25 877	–	8 600
Pastureland, all types	farms, 1997	208	240	198	3	84	161	–	541
	1992	215	269	223	5	87	196	–	568
	acres, 1997	5 671	8 002	4 272	(D)	1 503	4 016	–	18 874
	1992	5 616	9 997	5 216	126	2 355	6 552	–	23 176
Land under Conservation Reserve or Wetlands Reserve Programs	farms, 1997	2	5	8	–	5	6	–	14
	1992	2	5	6	–	4	8	–	12
	acres, 1997	(D)	449	359	–	62	51	–	602
	1992	(D)	16	203	–	56	313	–	531

[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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms.....number, 1997..	**4 587**	**170**	**319**	**452**	**47**	**326**	**434**
1992..	**4 417**	**131**	**274**	**433**	**47**	**285**	**455**
acres harvested, 1997..	**168 765**	**2 111**	**21 725**	**13 145**	**830**	**10 031**	**22 069**
1992..	**173 255**	**1 447**	**20 676**	**13 257**	**745**	**10 257**	**23 897**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	905	87	38	81	19	71	37
acres harvested..	(D)	199	96	196	31	(D)	(D)
10 to 49 acres ..... farms..	1 441	62	68	158	16	125	87
acres harvested..	15 206	524	806	1 543	120	1 267	884
50 to 69 acres ..... farms..	419	7	22	56	2	30	41
acres harvested..	9 457	(D)	461	1 277	(D)	611	816
70 to 99 acres ..... farms..	413	6	32	42	5	22	36
acres harvested..	12 370	258	903	1 209	198	853	1 193
100 to 139 acres ..... farms..	419	3	27	44	2	30	66
acres harvested..	17 589	(D)	880	2 193	(D)	1 273	2 498
140 to 179 acres ..... farms..	253	1	25	24	1	14	41
acres harvested..	13 334	(D)	836	2 031	(D)	903	1 405
180 to 219 acres ..... farms..	198	–	26	16	–	10	33
acres harvested..	13 681	–	1 752	904	–	839	2 109
220 to 259 acres ..... farms..	112	1	7	9	–	6	20
acres harvested..	9 885	(D)	164	798	–	380	1 603
260 to 499 acres ..... farms..	283	3	41	15	1	14	51
acres harvested..	35 449	711	4 786	1 623	(D)	3 039	6 043
500 to 999 acres ..... farms..	116	–	26	7	1	3	20
acres harvested..	26 630	–	7 999	1 371	(D)	470	3 976
1,000 to 1,999 acres ..... farms..	24	–	7	–	–	1	2
acres harvested..	9 522	–	3 042	–	–	(D)	(D)
2,000 acres or more ..... farms..	4	–	–	–	–	–	–
acres harvested..	(D)	–	–	–	–	–	–
1992 size of farm:							
1 to 9 acres ..... farms..	782	58	23	94	16	54	31
acres harvested..	1 832	128	30	212	34	(D)	(D)
10 to 49 acres ..... farms..	1 353	55	55	148	8	114	103
acres harvested..	14 551	406	567	1 665	(D)	1 293	1 285
50 to 69 acres ..... farms..	425	3	20	41	7	26	41
acres harvested..	9 609	43	505	1 049	117	448	802
70 to 99 acres ..... farms..	406	5	19	50	7	23	47
acres harvested..	12 098	193	622	1 474	(D)	748	1 187
100 to 139 acres ..... farms..	419	5	27	40	3	20	68
acres harvested..	18 341	168	1 167	2 219	102	986	3 212
140 to 179 acres ..... farms..	253	–	28	23	3	11	38
acres harvested..	14 343	–	1 542	1 587	(D)	959	1 545
180 to 219 acres ..... farms..	206	2	16	5	1	13	31
acres harvested..	14 320	(D)	993	247	(D)	1 637	1 944
220 to 259 acres ..... farms..	115	2	12	9	–	5	15
acres harvested..	9 876	(D)	1 095	1 114	–	793	1 026
260 to 499 acres ..... farms..	309	–	43	19	1	12	58
acres harvested..	39 009	–	6 160	2 942	(D)	1 462	5 830
500 to 999 acres ..... farms..	116	1	21	3	1	6	21
acres harvested..	26 971	(D)	4 584	(D)	(D)	1 486	5 806
1,000 to 1,999 acres ..... farms..	28	–	10	1	–	1	2
acres harvested..	8 777	–	3 411	(D)	–	(D)	(D)
2,000 acres or more ..... farms..	5	–	–	–	–	–	–
acres harvested..	3 528	–	–	–	–	–	–
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	1 978	130	98	200	32	154	125
acres..	(D)	392	(D)	(D)	76	564	453
10 to 19 acres ..... farms..	755	19	45	83	3	54	80
acres..	10 036	241	592	1 091	(D)	716	1 071
20 to 29 acres ..... farms..	453	6	38	46	3	35	35
acres..	10 456	141	843	1 051	(D)	772	841
30 to 49 acres ..... farms..	489	8	38	44	4	23	60
acres..	17 860	283	1 342	1 704	155	866	2 193
50 to 99 acres ..... farms..	469	4	41	44	3	34	69
acres..	31 347	304	2 659	2 897	(D)	2 457	4 451
100 to 199 acres ..... farms..	279	1	31	30	2	15	39
acres..	36 069	(D)	4 022	3 845	(D)	1 824	5 046
200 to 499 acres ..... farms..	146	2	22	4	–	11	23
acres..	41 571	(D)	6 943	1 291	–	2 832	6 024
500 to 999 acres ..... farms..	14	–	5	1	–	–	3
acres..	9 417	–	3 767	(D)	–	–	1 990
1,000 acres or more ..... farms..	4	–	1	–	–	–	–
acres..	(D)	–	(D)	–	–	–	–
1992 acres harvested:							
1 to 9 acres ..... farms..	1 755	97	59	194	27	124	112
acres..	(D)	301	183	661	(D)	392	459
10 to 19 acres ..... farms..	733	19	34	71	3	54	82
acres..	9 865	245	420	948	39	719	1 165
20 to 29 acres ..... farms..	453	4	32	39	7	26	57
acres..	10 481	(D)	720	914	151	632	1 268
30 to 49 acres ..... farms..	521	5	33	47	6	28	73
acres..	19 212	182	1 160	1 791	211	1 018	2 763
50 to 99 acres ..... farms..	497	3	49	53	3	18	66
acres..	33 602	198	3 292	3 516	163	1 269	4 685
100 to 199 acres ..... farms..	293	2	39	21	1	24	43
acres..	39 262	(D)	5 014	2 913	(D)	3 345	5 659
200 to 499 acres ..... farms..	143	1	25	7	–	11	16
acres..	39 429	(D)	7 472	(D)	–	2 882	4 088
500 to 999 acres ..... farms..	21	–	3	1	–	–	6
acres..	13 792	–	2 415	(D)	–	–	3 810
1,000 acres or more ..... farms..	1	–	–	–	–	–	–
acres..	(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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms.....number, 1997..	**352**	**437**	**432**	**13**	**137**	**642**	**5**	**821**
1992..	**323**	**456**	**428**	**12**	**145**	**594**	**2**	**832**
acres harvested, 1997..	**11 663**	**21 276**	**11 992**	**(D)**	**2 763**	**17 573**	**(D)**	**33 232**
1992..	**10 842**	**22 699**	**13 972**	**(D)**	**3 185**	**16 578**	**(D)**	**35 274**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	50	84	123	8	52	144	5	106
acres harvested..	(D)	253	292	12	108	371	(D)	253
10 to 49 acres ..... farms..	118	126	152	3	40	262	–	224
acres harvested..	1 245	1 682	1 753	44	382	2 430	–	2 526
50 to 69 acres ..... farms..	28	46	41	–	5	57	–	84
acres harvested..	791	1 213	1 119	–	122	1 122	–	1 762
70 to 99 acres ..... farms..	45	45	32	–	10	52	–	86
acres harvested..	1 235	1 860	985	–	212	1 263	–	2 201
100 to 139 acres ..... farms..	40	32	33	–	8	33	–	101
acres harvested..	1 878	1 839	1 567	–	177	1 242	–	3 847
140 to 179 acres ..... farms..	18	27	17	–	6	17	–	62
acres harvested..	783	1 728	811	–	(D)	675	–	3 477
180 to 219 acres ..... farms..	11	19	10	1	5	19	–	48
acres harvested..	707	1 287	1 128	(D)	(D)	1 029	–	3 369
220 to 259 acres ..... farms..	11	16	9	–	3	16	–	14
acres harvested..	539	2 269	1 262	–	(D)	1 425	–	1 272
260 to 499 acres ..... farms..	22	27	8	–	7	22	–	72
acres harvested..	2 013	4 193	1 639	–	(D)	1 548	–	8 966
500 to 999 acres ..... farms..	8	11	7	1	1	10	–	21
acres harvested..	2 046	2 752	1 436	(D)	(D)	1 405	–	4 880
1,000 to 1,999 acres ..... farms..	1	4	–	–	–	7	–	2
acres harvested..	(D)	2 200	–	–	–	1 927	–	(D)
2,000 acres or more ..... farms..	–	–	–	–	–	3	–	1
acres harvested..	–	–	–	–	–	3 136	–	(D)
1992 size of farm:								
1 to 9 acres ..... farms..	43	74	114	7	48	121	2	97
acres harvested..	(D)	(D)	275	(D)	90	(D)	(D)	242
10 to 49 acres ..... farms..	105	123	152	2	50	224	–	214
acres harvested..	1 042	1 507	1 795	(D)	546	1 900	–	2 433
50 to 69 acres ..... farms..	30	54	43	–	9	64	–	87
acres harvested..	589	1 705	1 057	–	252	962	–	2 080
70 to 99 acres ..... farms..	42	51	24	1	5	47	–	85
acres harvested..	1 245	2 018	794	(D)	186	1 248	–	2 244
100 to 139 acres ..... farms..	30	43	33	–	14	35	–	101
acres harvested..	936	2 527	1 915	–	372	1 077	–	3 660
140 to 179 acres ..... farms..	18	18	25	–	3	18	–	68
acres harvested..	729	1 215	1 832	–	(D)	703	–	4 068
180 to 219 acres ..... farms..	15	29	14	1	6	20	–	53
acres harvested..	1 018	2 393	1 181	(D)	468	1 123	–	2 829
220 to 259 acres ..... farms..	9	16	6	–	3	12	–	26
acres harvested..	316	1 257	857	–	(D)	1 039	–	2 126
260 to 499 acres ..... farms..	23	30	10	1	6	32	–	74
acres harvested..	2 355	4 312	2 093	(D)	(D)	2 809	–	9 754
500 to 999 acres ..... farms..	7	17	7	–	1	9	–	22
acres harvested..	1 799	4 957	2 173	–	(D)	708	–	4 563
1,000 to 1,999 acres ..... farms..	1	1	–	–	–	9	–	3
acres harvested..	(D)	(D)	–	–	–	2 102	–	(D)
2,000 acres or more ..... farms..	–	–	–	–	–	3	–	2
acres harvested..	–	–	–	–	–	(D)	–	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	134	155	225	8	81	339	5	292
acres..	(D)	(D)	736	12	(D)	(D)	(D)	1 119
10 to 19 acres ..... farms..	64	71	61	2	21	111	–	141
acres..	847	939	805	(D)	261	1 506	–	1 911
20 to 29 acres ..... farms..	40	50	28	1	11	63	–	97
acres..	895	1 158	(D)	(D)	260	1 505	–	2 255
30 to 49 acres ..... farms..	48	49	53	–	9	59	–	94
acres..	1 700	1 822	1 872	–	318	2 211	–	3 394
50 to 99 acres ..... farms..	40	56	33	1	5	40	–	99
acres..	2 708	3 826	2 086	(D)	284	2 773	–	6 632
100 to 199 acres ..... farms..	16	33	21	–	9	20	–	62
acres..	1 736	4 586	2 593	–	1 209	2 823	–	7 945
200 to 499 acres ..... farms..	9	19	10	1	1	8	–	36
acres..	2 670	5 493	2 646	(D)	(D)	2 650	–	9 976
500 to 999 acres ..... farms..	1	3	1	–	–	–	–	–
acres..	(D)	1 885	(D)	–	–	–	–	–
1,000 acres or more ..... farms..	–	1	–	–	–	2	–	–
acres..	–	(D)	–	–	–	(D)	–	–
1992 acres harvested:								
1 to 9 acres ..... farms..	123	141	212	9	78	309	2	268
acres..	(D)	499	(D)	17	207	1 225	(D)	(D)
10 to 19 acres ..... farms..	63	70	68	–	23	113	–	133
acres..	822	911	942	–	288	1 590	–	1 776
20 to 29 acres ..... farms..	38	39	30	1	15	59	–	106
acres..	859	951	700	(D)	354	1 403	–	2 409
30 to 49 acres ..... farms..	46	73	39	–	13	43	–	115
acres..	1 702	2 824	1 368	–	481	1 545	–	4 167
50 to 99 acres ..... farms..	31	75	38	–	8	38	–	115
acres..	2 062	5 029	2 365	–	521	2 604	–	7 898
100 to 199 acres ..... farms..	13	38	28	1	5	18	–	60
acres..	1 813	5 165	3 950	(D)	614	2 526	–	7 815
200 to 499 acres ..... farms..	8	16	11	1	3	11	–	33
acres..	2 408	4 555	2 858	(D)	720	2 987	–	9 061
500 to 999 acres ..... farms..	1	4	2	–	–	2	–	2
acres..	(D)	2 765	(D)	–	–	(D)	–	(D)
1,000 acres or more ..... farms..	–	–	–	–	–	1	–	–
acres..	–	–	–	–	–	(D)	–	–

Table 8. **Irrigation: 1997 and 1992**

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

Farms with irrigation	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Farms ..... number, 1997..	1 630	136	36	160	22	116	77
1992..	1 336	107	27	146	21	98	60
Land in irrigated farms ..... acres, 1997..	124 383	3 655	2 487	12 032	389	5 716	7 841
1992..	111 623	3 777	2 618	9 734	(D)	5 705	6 069
Harvested cropland ..... farms, 1997..	1 616	136	36	160	22	114	76
1992..	1 332	107	27	146	21	97	59
acres, 1997..	38 468	1 900	679	3 790	134	2 700	3 452
1992..	32 269	1 282	609	3 649	(D)	2 513	2 960
Other cropland, excluding cropland pastured ..... farms, 1997..	381	28	7	28	10	24	23
1992..	347	21	12	35	9	36	21
acres, 1997..	4 569	173	67	268	(D)	237	261
1992..	4 183	158	95	418	(D)	395	479
Pastureland, excluding woodland pastured ..... farms, 1997..	259	11	10	25	5	24	26
1992..	214	11	8	23	5	19	16
acres, 1997..	4 791	131	138	483	(D)	362	275
1992..	6 989	124	153	633	(D)	306	249
Irrigated land ..... acres, 1997..	24 564	1 825	111	1 964	94	1 234	1 832
1992..	19 909	1 273	78	1 803	98	933	1 153
Harvested cropland ..... farms, 1997..	1 614	136	36	159	22	114	76
1992..	1 327	107	27	145	21	95	59
acres, 1997..	24 269	1 812	111	(D)	94	(D)	(D)
1992..	19 622	(D)	78	1 753	98	906	(D)
Pastureland and other land ..... farms, 1997..	45	6	–	2	–	2	1
1992..	48	2	–	4	–	4	2
acres, 1997..	295	13	–	(D)	–	(D)	(D)
1992..	287	(D)	–	50	–	27	(D)
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	547	64	20	44	13	44	18
acres irrigated..	1 069	133	31	75	(D)	87	40
10 to 49 acres ..... farms..	552	54	8	54	7	42	23
acres irrigated..	3 928	463	24	292	23	217	116
50 to 69 acres ..... farms..	111	5	1	12	–	4	6
acres irrigated..	1 693	(D)	(D)	149	–	124	(D)
70 to 99 acres ..... farms..	112	6	1	12	1	5	3
acres irrigated..	2 003	256	(D)	147	(D)	81	(D)
100 to 139 acres ..... farms..	89	3	1	8	1	8	11
acres irrigated..	2 066	110	(D)	94	(D)	177	152
140 to 179 acres ..... farms..	56	–	–	12	–	4	3
acres irrigated..	1 807	–	–	511	–	57	(D)
180 to 219 acres ..... farms..	44	–	–	5	–	3	2
acres irrigated..	(D)	–	–	80	–	(D)	(D)
220 to 259 acres ..... farms..	32	1	2	3	–	2	2
acres irrigated..	1 459	(D)	(D)	140	–	(D)	(D)
260 to 499 acres ..... farms..	58	3	2	6	–	4	6
acres irrigated..	3 674	711	(D)	137	–	395	647
500 to 999 acres ..... farms..	18	–	1	4	–	–	3
acres irrigated..	1 615	–	(D)	339	–	–	(D)
1,000 to 1,999 acres ..... farms..	8	–	–	–	–	–	–
acres irrigated..	1 963	–	–	–	–	–	–
2,000 acres or more ..... farms..	3	–	–	–	–	–	–
acres irrigated..	(D)	–	–	–	–	–	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	410	44	12	46	13	32	9
acres irrigated..	821	100	14	91	24	56	13
10 to 49 acres ..... farms..	475	48	8	40	4	36	24
acres irrigated..	3 296	367	(D)	234	29	342	56
50 to 69 acres ..... farms..	106	2	1	18	3	7	5
acres irrigated..	1 243	(D)	(D)	220	(D)	59	5
70 to 99 acres ..... farms..	87	5	–	13	–	8	3
acres irrigated..	1 521	203	–	145	–	64	(D)
100 to 139 acres ..... farms..	71	3	1	9	1	2	6
acres irrigated..	1 562	73	(D)	112	(D)	(D)	254
140 to 179 acres ..... farms..	38	–	1	7	–	4	3
acres irrigated..	1 164	–	(D)	373	–	(D)	(D)
180 to 219 acres ..... farms..	46	2	–	2	–	4	1
acres irrigated..	1 674	(D)	–	(D)	–	138	(D)
220 to 259 acres ..... farms..	23	2	–	3	–	2	1
acres irrigated..	(D)	(D)	–	101	–	(D)	(D)
260 to 499 acres ..... farms..	52	–	2	7	–	2	7
acres irrigated..	3 121	–	(D)	419	–	(D)	366
500 to 999 acres ..... farms..	16	1	2	1	–	1	1
acres irrigated..	1 127	(D)	(D)	(D)	–	(D)	(D)
1,000 to 1,999 acres ..... farms..	9	–	–	–	–	–	–
acres irrigated..	1 728	–	–	–	–	–	–
2,000 acres or more ..... farms..	3	–	–	–	–	–	–
acres irrigated..	(D)	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Farms ..... number, 1997..	83	71	186	13	69	493	3	165
1992..	66	50	143	10	54	451	2	101
Land in irrigated farms ..... acres, 1997..	4 594	4 885	8 760	(D)	2 555	56 469	(D)	13 981
1992..	4 850	2 437	6 529	606	1 481	56 468	(D)	10 909
Harvested cropland ..... farms, 1997..	83	71	184	13	67	490	3	161
1992..	66	50	142	10	53	451	2	101
acres, 1997..	2 023	2 782	3 384	(D)	707	12 725	(D)	3 839
1992..	1 635	1 259	2 854	421	353	11 465	(D)	3 111
Other cropland, excluding cropland pastured ..... farms, 1997..	23	23	50	1	17	103	–	44
1992..	24	22	42	2	18	75	–	30
acres, 1997..	496	245	724	(D)	132	1 190	–	732
1992..	532	211	382	(D)	412	709	–	322
Pastureland, excluding woodland pastured ..... farms, 1997..	11	14	32	2	13	38	–	48
1992..	10	8	25	2	6	58	–	23
acres, 1997..	182	311	705	(D)	147	940	–	1 022
1992..	85	79	572	(D)	57	2 182	–	2 422
Irrigated land ..... acres, 1997..	1 095	697	1 586	332	333	12 182	3	1 276
1992..	691	(D)	1 324	404	266	10 893	(D)	724
Harvested cropland ..... farms, 1997..	83	71	184	13	67	490	3	160
1992..	66	50	142	10	53	450	2	100
acres, 1997..	1 095	697	1 533	332	326	12 012	3	1 252
1992..	(D)	(D)	(D)	404	252	10 762	(D)	710
Pastureland and other land ..... farms, 1997..	–	–	6	–	3	16	–	9
1992..	1	1	2	–	5	23	–	4
acres, 1997..	–	–	53	–	7	170	–	24
1992..	(D)	(D)	(D)	–	14	131	–	14
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	25	23	76	8	39	113	3	57
acres irrigated..	33	47	131	(D)	82	282	3	94
10 to 49 acres ..... farms..	31	16	59	3	17	195	–	43
acres irrigated..	205	136	386	35	85	1 708	–	238
50 to 69 acres ..... farms..	4	7	15	–	–	44	–	13
acres irrigated..	111	102	255	–	–	730	–	112
70 to 99 acres ..... farms..	5	11	11	–	4	37	–	16
acres irrigated..	165	127	152	–	(D)	804	–	182
100 to 139 acres ..... farms..	8	4	9	–	3	26	–	7
acres irrigated..	280	50	203	–	(D)	837	–	71
140 to 179 acres ..... farms..	2	4	4	–	1	15	–	11
acres irrigated..	(D)	114	(D)	–	(D)	615	–	212
180 to 219 acres ..... farms..	4	1	7	1	1	12	–	8
acres irrigated..	(D)	(D)	342	(D)	(D)	539	–	79
220 to 259 acres ..... farms..	2	1	1	–	3	13	–	2
acres irrigated..	(D)	(D)	(D)	–	79	908	–	(D)
260 to 499 acres ..... farms..	2	4	2	–	1	22	–	6
acres irrigated..	(D)	(D)	(D)	–	(D)	1 356	–	284
500 to 999 acres ..... farms..	–	–	2	1	–	7	–	–
acres irrigated..	–	–	(D)	(D)	–	605	–	–
1,000 to 1,999 acres ..... farms..	–	–	–	–	–	7	–	1
acres irrigated..	–	–	–	–	–	(D)	–	(D)
2,000 acres or more ..... farms..	–	–	–	–	–	2	–	1
acres irrigated..	–	–	–	–	–	(D)	–	(D)
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	18	15	60	6	32	91	2	30
acres irrigated..	27	25	108	(D)	47	257	(D)	45
10 to 49 acres ..... farms..	20	16	50	2	15	177	–	35
acres irrigated..	87	99	372	(D)	109	1 399	–	160
50 to 69 acres ..... farms..	4	4	10	–	1	46	–	5
acres irrigated..	(D)	(D)	150	–	(D)	575	–	85
70 to 99 acres ..... farms..	4	9	7	–	–	33	–	5
acres irrigated..	79	(D)	102	–	–	707	–	104
100 to 139 acres ..... farms..	7	2	4	–	3	26	–	7
acres irrigated..	93	(D)	184	–	47	669	–	73
140 to 179 acres ..... farms..	3	2	3	–	–	10	–	5
acres irrigated..	9	(D)	41	–	–	284	–	158
180 to 219 acres ..... farms..	6	1	6	1	1	15	–	7
acres irrigated..	99	(D)	271	(D)	(D)	689	–	32
220 to 259 acres ..... farms..	–	1	–	–	2	9	–	3
acres irrigated..	–	(D)	–	–	(D)	433	–	(D)
260 to 499 acres ..... farms..	4	–	1	1	–	27	–	1
acres irrigated..	(D)	–	(D)	(D)	–	1 582	–	(D)
500 to 999 acres ..... farms..	–	–	2	–	–	7	–	1
acres irrigated..	–	–	(D)	–	–	680	–	(D)
1,000 to 1,999 acres ..... farms..	–	–	–	–	–	8	–	1
acres irrigated..	–	–	–	–	–	(D)	–	(D)
2,000 acres or more ..... farms..	–	–	–	–	–	2	–	1
acres irrigated..	–	–	–	–	–	(D)	–	(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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997..	5 571	221	388	555	64	395	543
1992..	5 257	146	319	521	56	358	519
$1,000, 1997..	225 043	7 114	13 543	17 172	1 434	21 451	21 411
1992..	191 141	4 716	12 472	16 461	1 170	13 721	20 052
Average per farm ..... dollars, 1997..	40 395	32 189	34 905	30 941	22 404	54 306	39 432
1992..	36 359	32 301	39 098	31 595	20 897	38 328	38 635
Farms by value group:							
$1 to $9,999 ..... 1997..	1 508	81	100	118	18	104	141
1992..	1 555	37	74	128	12	119	123
$10,000 to $19,999 ..... 1997..	1 266	26	137	127	24	36	118
1992..	1 246	46	90	107	19	68	156
$20,000 to $29,999 ..... 1997..	670	31	35	110	8	39	56
1992..	712	19	23	114	11	36	59
$30,000 to $49,999 ..... 1997..	820	47	30	113	7	77	107
1992..	739	16	53	119	10	52	70
$50,000 to $69,999 ..... 1997..	376	12	18	29	3	21	35
1992..	330	13	16	13	3	18	40
$70,000 to $99,999 ..... 1997..	332	6	37	28	–	22	48
1992..	218	5	24	10	1	28	10
$100,000 to $199,999 ..... 1997..	442	12	26	22	4	79	23
1992..	330	7	33	18	–	24	48
$200,000 to $499,999 ..... 1997..	135	6	3	7	–	16	10
1992..	105	3	5	9	–	13	9
$500,000 or more ..... 1997..	22	–	2	1	–	1	5
1992..	22	–	1	3	–	–	4
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997..	4 836	208	292	473	59	334	493
1992..	4 557	119	298	465	44	336	485
number, 1997..	10 539	381	519	948	114	773	1 061
1992..	10 002	225	558	1 018	79	592	1 226
Wheel tractors ..... farms, 1997..	4 655	143	367	475	41	319	492
1992..	4 512	112	316	446	50	288	479
number, 1997..	10 334	197	863	1 093	78	731	1 069
1992..	10 923	185	742	1 193	92	708	1 299
Less than 40 horsepower (PTO) ..... farms, 1997..	3 441	127	275	325	27	247	372
1992..	3 450	90	248	341	39	212	388
number, 1997..	5 650	146	434	587	(D)	410	566
1992..	5 886	117	403	668	57	368	625
40 horsepower (PTO) or more ..... farms, 1997..	2 613	39	204	312	28	161	262
1992..	2 665	48	182	282	21	183	318
number, 1997..	4 684	51	429	506	(D)	321	503
1992..	5 037	68	339	525	35	340	674
40 to 99 horsepower (PTO) ..... farms, 1997..	2 462	39	203	289	25	156	261
number, 1997..	4 025	(D)	362	423	(D)	300	(D)
100 horsepower (PTO) or more ..... farms, 1997..	436	1	43	65	5	16	50
number, 1997..	659	(D)	67	83	(D)	21	(D)
Grain and bean combines ..... farms, 1997..	50	1	13	11	1	1	6
1992..	65	–	13	8	1	3	3
number, 1997..	54	(D)	14	11	(D)	(D)	8
1992..	(D)	–	13	15	(D)	3	3
Cotton pickers and strippers ..... farms, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
number, 1997..	–	–	–	–	–	–	–
1992..	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997..	1 433	8	181	108	12	119	192
1992..	1 573	26	131	124	18	45	226
number, 1997..	1 590	8	215	121	14	126	210
1992..	1 816	36	148	129	21	55	253
Pickup balers ..... farms, 1997..	1 389	1	187	103	12	85	229
1992..	1 633	6	161	127	17	60	255
number, 1997..	1 651	(D)	213	138	(D)	123	259
1992..	1 965	6	226	147	19	74	330
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms..	1 419	62	74	118	14	129	123
number..	1 982	107	74	142	14	169	157
Wheel tractors ..... farms..	661	30	45	87	9	35	72
number..	869	36	46	125	12	47	75
Less than 40 horsepower (PTO) ..... farms..	362	27	16	48	5	16	31
number..	454	(D)	16	78	(D)	17	31
40 horsepower (PTO) or more ..... farms..	339	6	30	40	7	21	41
number..	415	(D)	30	47	(D)	30	44
40 to 99 horsepower (PTO) ..... farms..	319	6	27	40	6	21	40
number..	381	(D)	27	47	(D)	30	(D)
100 horsepower (PTO) or more ..... farms..	26	–	3	–	1	–	2
number..	34	–	3	–	(D)	–	(D)
Grain and bean combines ..... farms..	2	1	–	–	–	–	1
number..	(D)	(D)	–	–	–	–	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	272	4	28	23	3	11	42
number..	276	4	28	23	5	12	42
Pickup balers ..... farms..	155	–	25	24	1	12	16
number..	175	–	36	24	(D)	12	16
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms..	4 223	163	257	424	55	317	440
number..	8 557	274	445	806	100	604	904
Wheel tractors ..... farms..	4 367	117	350	417	37	308	444
number..	9 465	161	817	968	66	684	994
Less than 40 horsepower (PTO) ..... farms..	3 188	101	260	287	24	236	343
number..	5 196	(D)	418	509	(D)	393	535
40 horsepower (PTO) or more ..... farms..	2 440	34	192	283	24	158	233
number..	4 269	(D)	399	459	(D)	291	459
Grain and bean combines ..... farms..	48	–	13	11	1	1	5
number..	(D)	–	14	11	(D)	(D)	(D)
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	1 198	4	162	85	9	108	156
number..	1 314	4	187	98	9	114	168
Pickup balers ..... farms..	1 278	1	172	79	12	74	217
number..	1 476	(D)	177	114	(D)	111	243

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	418	539	531	14	184	731	5	983
1992	409	526	535	14	187	668	2	997
$1,000, 1997	11 931	19 423	21 738	931	6 451	44 258	93	38 092
1992	11 056	17 273	16 976	(D)	4 737	40 411	(D)	31 292
Average per farm ..... dollars, 1997	28 543	36 035	40 939	66 500	35 060	60 545	18 550	38 750
1992	27 033	32 839	31 731	(D)	25 329	60 495	(D)	31 386
Farms by value group:								
$1 to $9,999 1997	157	186	143	1	48	175	2	234
1992	167	159	161	5	67	175	1	327
$10,000 to $19,999 1997	87	62	147	5	53	192	2	250
1992	123	103	126	3	42	132	–	231
$20,000 to $29,999 1997	53	93	51	–	6	67	–	121
1992	32	62	69	1	39	95	1	151
$30,000 to $49,999 1997	46	85	59	4	20	97	–	128
1992	14	112	104	3	17	81	–	88
$50,000 to $69,999 1997	38	40	29	–	33	20	1	97
1992	14	37	30	–	10	73	–	63
$70,000 to $99,999 1997	12	25	32	1	10	54	–	57
1992	37	21	10	–	3	20	–	49
$100,000 to $199,999 1997	17	34	51	2	12	88	–	72
1992	13	22	24	–	7	58	–	76
$200,000 to $499,999 1997	8	12	17	1	2	31	–	22
1992	9	9	7	2	2	25	–	12
$500,000 or more 1997	–	2	2	–	–	7	–	2
1992	–	1	4	–	–	9	–	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	318	487	462	14	157	706	3	830
1992	351	463	449	11	152	571	1	812
number, 1997	748	1 069	1 074	53	331	1 737	5	1 726
1992	742	975	1 121	(D)	328	1 545	(D)	1 549
Wheel tractors ..... farms, 1997	366	483	396	9	152	502	2	908
1992	373	487	433	8	167	491	1	861
number, 1997	839	1 134	986	(D)	326	1 012	(D)	1 975
1992	950	1 256	1 111	(D)	343	1 046	(D)	1 972
Less than 40 horsepower (PTO) ..... farms, 1997	295	331	328	7	123	320	2	662
1992	278	377	275	4	138	411	1	648
number, 1997	553	541	563	(D)	222	547	(D)	1 027
1992	512	629	589	(D)	231	669	(D)	1 005
40 horsepower (PTO) or more ..... farms, 1997	158	313	219	7	74	276	–	560
1992	226	294	316	8	59	223	–	505
number, 1997	286	593	423	(D)	104	465	–	948
1992	438	627	522	13	112	377	–	967
40 to 99 horsepower (PTO) ..... farms, 1997	154	283	210	7	69	226	–	540
number, 1997	247	469	(D)	(D)	98	(D)	–	(D)
100 horsepower (PTO) or more ..... farms, 1997	26	66	26	–	6	64	–	68
number, 1997	39	124	(D)	–	6	(D)	–	(D)
Grain and bean combines ..... farms, 1997	1	12	2	1	1	–	–	–
1992	8	15	1	–	–	3	–	10
number, 1997	(D)	12	(D)	(D)	(D)	–	–	–
1992	8	27	(D)	–	–	5	–	10
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	99	123	129	4	57	63	–	338
1992	118	191	160	7	41	88	–	398
number, 1997	114	126	131	4	64	69	–	388
1992	141	198	202	13	42	107	–	471
Pickup balers ..... farms, 1997	96	135	73	3	64	70	–	331
1992	123	161	160	1	62	84	–	416
number, 1997	103	143	105	3	79	73	–	397
1992	137	177	210	(D)	(D)	98	–	469
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	66	108	197	4	59	247	2	216
number	77	148	287	(D)	71	471	(D)	256
Wheel tractors ..... farms	43	55	78	4	13	76	–	114
number	54	61	126	6	22	117	–	142
Less than 40 horsepower (PTO) ..... farms	25	20	44	2	5	54	–	69
number	33	20	63	(D)	12	64	–	83
40 horsepower (PTO) or more ..... farms	19	35	45	3	9	33	–	50
number	21	41	63	(D)	10	53	–	59
40 to 99 horsepower (PTO) ..... farms	19	23	45	3	9	31	–	49
number	21	24	(D)	(D)	10	(D)	–	(D)
100 horsepower (PTO) or more ..... farms	–	16	1	–	–	2	–	1
number	–	17	(D)	–	–	(D)	–	(D)
Grain and bean combines ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	3	18	45	2	10	23	–	60
number	(D)	18	45	(D)	10	24	–	60
Pickup balers ..... farms	12	4	9	–	–	19	–	33
number	13	(D)	16	–	–	19	–	34
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	295	423	372	12	130	578	2	755
number	671	921	787	(D)	260	1 266	(D)	1 470
Wheel tractors ..... farms	354	463	370	9	149	468	2	879
number	785	1 073	860	(D)	304	895	(D)	1 833
Less than 40 horsepower (PTO) ..... farms	285	315	305	7	118	286	2	619
number	520	521	500	(D)	210	483	(D)	944
40 horsepower (PTO) or more ..... farms	146	296	201	7	72	267	–	527
number	265	552	360	(D)	94	412	–	889
Grain and bean combines ..... farms	1	12	2	1	1	–	–	–
number	(D)	12	(D)	(D)	(D)	–	–	–
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	96	105	84	2	47	40	–	300
number	(D)	108	86	(D)	54	45	–	328
Pickup balers ..... farms	85	132	70	3	64	52	–	317
number	90	(D)	89	3	79	54	–	363

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Commercial fertilizer ..... farms, 1997..	3 442	152	221	357	40	244	300
1992..	3 424	127	164	356	42	216	318
acres on which used, 1997..	112 983	1 948	12 190	9 500	479	6 856	16 302
1992..	118 217	1 473	10 775	7 732	756	6 064	18 852
Cropland fertilized, except pastureland ..... farms, 1997..	3 325	152	205	354	39	230	289
1992..	3 310	124	155	347	40	214	301
acres on which used, 1997..	105 933	(D)	11 027	8 837	356	6 463	14 415
1992..	109 962	(D)	9 793	7 059	636	5 518	17 365
Pastureland and rangeland fertilized..... farms, 1997..	395	1	34	29	8	23	65
1992..	376	4	31	51	11	17	67
acres on which used, 1997..	7 050	(D)	1 163	663	123	393	1 887
1992..	8 255	(D)	982	673	120	546	1 487
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	1 689	91	46	181	11	102	123
1992..	1 644	82	45	161	14	99	137
acres on which used, 1997..	39 570	1 698	2 051	2 900	(D)	2 036	3 094
1992..	41 367	1 073	1 013	2 959	115	1 862	5 199
Nematodes in crops ..... farms, 1997..	191	9	13	20	1	2	10
1992..	123	6	1	13	2	10	12
acres on which used, 1997..	4 019	59	808	206	(D)	(D)	961
1992..	3 480	49	(D)	398	(D)	101	708
Diseases in crops and orchards..... farms, 1997..	1 152	65	38	110	6	77	82
1992..	1 059	52	23	128	7	80	99
acres on which used, 1997..	24 869	939	321	1 561	17	1 253	2 056
1992..	24 432	837	212	1 606	34	1 272	3 709
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	1 397	60	50	141	7	92	100
1992..	1 401	68	81	146	6	96	151
acres on which used, 1997..	48 093	926	3 795	4 561	(D)	2 536	5 980
1992..	47 325	729	4 319	3 394	(D)	2 432	7 851
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	176	9	7	12	–	7	20
1992..	218	6	3	27	1	16	28
acres on which used, 1997..	4 195	157	54	357	–	79	459
1992..	4 582	(D)	97	282	(D)	253	1 063

Chemicals used	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Commercial fertilizer ..... farms, 1997..	218	330	309	13	104	568	2	584
1992..	277	389	355	10	90	529	2	549
acres on which used, 1997..	6 808	14 978	8 664	(D)	1 661	14 342	(D)	18 905
1992..	7 725	15 266	9 599	(D)	2 410	14 786	(D)	22 348
Cropland fertilized, except pastureland ..... farms, 1997..	214	322	297	13	93	561	2	554
1992..	269	389	336	10	82	516	2	525
acres on which used, 1997..	6 392	14 151	8 492	(D)	1 476	(D)	(D)	17 786
1992..	7 075	14 535	8 924	(D)	2 326	14 593	(D)	20 282
Pastureland and rangeland fertilized..... farms, 1997..	25	55	21	1	15	17	–	101
1992..	34	32	24	1	11	21	–	72
acres on which used, 1997..	416	827	172	(D)	185	(D)	–	1 119
1992..	650	731	675	(D)	84	193	–	2 066
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	114	141	175	8	32	446	2	217
1992..	111	153	129	7	47	439	1	219
acres on which used, 1997..	2 914	5 096	3 293	320	595	11 052	(D)	4 472
1992..	2 219	5 188	3 156	(D)	337	10 944	(D)	6 969
Nematodes in crops ..... farms, 1997..	8	26	19	1	6	63	–	13
1992..	9	8	3	–	1	37	–	21
acres on which used, 1997..	268	472	207	(D)	76	867	–	86
1992..	179	248	9	–	(D)	1 118	–	326
Diseases in crops and orchards..... farms, 1997..	75	98	110	8	18	322	2	141
1992..	53	96	85	3	32	259	–	142
acres on which used, 1997..	1 331	4 154	1 828	(D)	155	8 204	(D)	2 740
1992..	1 465	1 989	1 083	12	210	7 837	–	4 166
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	89	139	96	5	37	393	–	188
1992..	95	127	79	2	14	354	–	182
acres on which used, 1997..	2 665	8 502	2 667	(D)	475	9 918	–	5 681
1992..	2 764	6 426	1 785	(D)	297	11 280	–	5 861
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	7	17	10	–	6	24	–	57
1992..	20	10	9	–	12	38	–	48
acres on which used, 1997..	276	1 057	424	–	16	318	–	998
1992..	488	485	125	–	104	519	–	1 138

Table 11. Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992

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

Characteristics	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
FARMS							
Land in farms ..... farms, 1997..	5 574	221	387	555	64	396	543
1992..	5 258	144	320	523	56	357	519
acres, 1997..	518 299	4 746	62 833	37 173	4 896	25 547	75 134
1992..	526 440	5 340	60 980	34 235	5 757	25 470	74 484
Harvested cropland ..... farms, 1997..	4 587	170	319	452	47	326	434
1992..	4 417	131	274	433	47	285	455
acres, 1997..	168 765	2 111	21 725	13 145	830	10 031	22 069
1992..	173 255	1 447	20 676	13 257	745	10 257	23 897
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	3 791	150	234	375	35	291	325
1992..	3 488	107	177	338	33	248	288
acres, 1997..	276 129	3 648	27 395	19 999	(D)	13 335	31 928
1992..	268 926	(D)	23 578	16 560	4 191	13 365	30 580
Harvested cropland ..... farms, 1997..	3 003	128	182	290	26	235	242
1992..	2 797	95	141	270	26	192	237
acres, 1997..	56 505	1 499	4 661	4 467	(D)	4 183	4 952
1992..	55 558	733	5 009	4 019	303	3 747	5 071
Part owners ..... farms, 1997..	1 313	26	124	119	21	74	186
1992..	1 331	21	110	125	13	79	198
acres, 1997..	212 684	853	31 497	12 347	1 138	10 509	40 562
1992..	220 346	1 777	30 102	13 201	790	8 906	40 657
Owned land in farms ..... acres, 1997..	132 510	604	18 850	7 268	490	6 674	27 696
1992..	137 809	924	18 969	7 248	409	5 259	28 097
Rented land in farms ..... acres, 1997..	80 174	249	12 647	5 079	648	3 835	12 866
1992..	82 537	853	11 133	5 953	381	3 647	12 560
Harvested cropland ..... farms, 1997..	1 204	21	114	107	18	67	165
1992..	1 252	21	105	114	11	71	190
acres, 1997..	97 000	444	14 453	6 336	546	5 129	15 478
1992..	98 992	615	11 656	6 911	(D)	5 140	17 247
Tenants ..... farms, 1997..	470	45	29	61	8	31	32
1992..	439	16	33	60	10	30	33
acres, 1997..	29 486	245	3 941	4 827	(D)	1 703	2 644
1992..	37 168	(D)	7 300	4 474	776	3 199	3 247
Harvested cropland ..... farms, 1997..	380	21	23	55	3	24	27
1992..	368	15	28	49	10	22	28
acres, 1997..	15 260	168	2 611	2 342	(D)	719	1 639
1992..	18 705	99	4 011	2 327	(D)	1 370	1 579
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	4 203	115	293	416	41	317	447
1992..	4 115	95	263	422	43	278	434
Not on farm operated ..... 1997..	1 074	87	68	109	16	63	71
1992..	868	44	37	85	10	62	54
Not reported ..... 1997..	297	19	26	30	7	16	25
1992..	275	5	20	16	3	17	31
Operators by principal occupation:							
Farming ..... 1997..	2 927	110	194	310	32	202	275
1992..	2 926	89	185	298	28	208	285
Other ..... 1997..	2 647	111	193	245	32	194	268
1992..	2 332	55	135	225	28	149	234
Operators by days worked off farm:							
None ..... 1997..	2 285	70	164	238	13	173	196
1992..	2 239	60	144	228	21	175	205
Any ..... 1997..	2 980	138	209	284	45	206	320
1992..	2 695	75	155	263	31	159	296
1 to 49 days ..... 1997..	327	13	14	39	3	19	38
1992..	269	14	19	27	4	13	28
50 to 99 days ..... 1997..	222	13	12	25	9	11	18
1992..	169	7	8	13	3	11	22
100 to 149 days ..... 1997..	202	16	20	20	3	20	25
1992..	203	13	6	20	4	10	20
150 to 199 days ..... 1997..	365	22	30	35	10	22	49
1992..	388	6	25	30	2	30	41
200 days or more ..... 1997..	1 864	74	133	165	20	134	190
1992..	1 666	35	97	173	18	95	185
Not reported ..... 1997..	309	13	14	33	6	17	27
1992..	324	9	21	32	4	23	18
Operators by years on present farm:							
2 years or less ..... 1997..	175	5	8	18	3	7	6
1992..	149	–	4	16	1	13	8
3 or 4 years ..... 1997..	286	32	10	25	2	23	22
1992..	336	6	30	41	1	27	41
5 to 9 years ..... 1997..	669	38	51	66	10	52	66
1992..	785	29	40	88	7	40	65
10 years or more ..... 1997..	3 685	123	255	368	41	263	371
1992..	3 277	93	201	319	38	226	334
Average years on present farm ..... 1997..	20.7	15.6	21.8	20.3	16.6	21.3	21.8
1992..	19.9	18.8	20.8	19.1	19.9	19.7	19.5
Not reported ..... 1997..	759	23	63	78	8	51	78
1992..	711	16	45	59	9	51	71

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
FARMS								
Land in farms ..... farms, 1997..	418	539	531	14	185	732	5	984
1992..	410	527	535	14	186	668	2	997
acres, 1997..	37 417	52 092	30 718	1 049	9 869	73 418	7	103 400
1992..	37 477	53 459	31 583	(D)	9 882	72 247	(D)	114 805
Harvested cropland ..... farms, 1997..	352	437	432	13	137	642	5	821
1992..	323	456	428	12	145	594	2	832
acres, 1997..	11 663	21 276	11 992	(D)	2 763	17 573	(D)	33 232
1992..	10 842	22 699	13 972	(D)	3 185	16 578	(D)	35 274
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	292	311	356	9	143	587	5	678
1992..	284	294	359	7	138	552	2	661
acres, 1997..	20 115	20 526	15 710	(D)	6 740	60 877	7	51 934
1992..	18 469	20 786	13 877	(D)	6 034	61 276	(D)	56 697
Harvested cropland ..... farms, 1997..	232	232	271	8	103	509	5	540
1992..	208	237	266	5	102	487	2	529
acres, 1997..	3 976	3 860	3 626	(D)	1 280	12 686	(D)	10 917
1992..	3 275	5 408	3 350	(D)	1 233	12 140	(D)	11 262
Part owners ..... farms, 1997..	102	183	113	4	26	86	–	249
1992..	100	178	120	4	32	73	–	278
acres, 1997..	16 283	29 877	11 892	43	2 773	9 495	–	45 415
1992..	17 887	28 267	14 032	293	3 316	8 882	–	52 236
Owned land in farms ..... acres, 1997..	10 464	17 576	5 666	28	1 473	6 355	–	29 366
1992..	12 082	17 524	7 090	257	1 467	5 899	–	32 584
Rented land in farms ..... acres, 1997..	5 819	12 301	6 226	15	1 300	3 140	–	16 049
1992..	5 805	10 743	6 942	36	1 849	2 983	–	19 652
Harvested cropland ..... farms, 1997..	96	164	109	4	21	82	–	236
1992..	95	171	113	4	31	66	–	260
acres, 1997..	7 078	16 668	6 770	37	1 221	3 658	–	19 182
1992..	7 158	15 142	8 245	(D)	1 721	3 415	–	21 312
Tenants ..... farms, 1997..	24	45	62	1	16	59	–	57
1992..	26	55	56	3	16	43	–	58
acres, 1997..	1 019	1 689	3 116	(D)	356	3 046	–	6 051
1992..	1 121	4 406	3 674	(D)	532	2 089	–	5 872
Harvested cropland ..... farms, 1997..	24	41	52	1	13	51	–	45
1992..	20	48	49	3	12	41	–	43
acres, 1997..	609	748	1 596	(D)	262	1 229	–	3 133
1992..	409	2 149	2 377	(D)	231	1 023	–	2 700
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	341	422	396	11	142	436	3	823
1992..	327	412	405	10	149	413	–	864
Not on farm operated ..... 1997..	63	83	110	3	35	251	1	114
1992..	58	76	97	3	29	215	2	96
Not reported ..... 1997..	14	34	25	–	8	45	1	47
1992..	25	39	33	1	8	40	–	37
Operators by principal occupation:								
Farming ..... 1997..	209	278	283	13	93	439	3	486
1992..	215	280	292	12	90	400	2	542
Other ..... 1997..	209	261	248	1	92	293	2	498
1992..	195	247	243	2	96	268	–	455
Operators by days worked off farm:								
None ..... 1997..	165	226	243	8	88	319	1	381
1992..	184	214	235	4	78	265	2	424
Any ..... 1997..	220	295	257	6	92	365	3	540
1992..	202	285	260	9	95	351	–	514
1 to 49 days ..... 1997..	17	41	33	2	4	54	–	50
1992..	12	27	39	2	8	38	–	38
50 to 99 days ..... 1997..	23	25	14	–	7	22	1	42
1992..	6	19	13	2	5	29	–	31
100 to 149 days ..... 1997..	11	18	18	–	3	22	–	26
1992..	15	21	19	1	8	27	–	39
150 to 199 days ..... 1997..	21	26	31	4	7	48	2	58
1992..	24	47	33	2	16	46	–	86
200 days or more ..... 1997..	148	185	161	–	71	219	–	364
1992..	145	171	156	2	58	211	–	320
Not reported ..... 1997..	33	18	31	–	5	48	1	63
1992..	24	28	40	1	13	52	–	59
Operators by years on present farm:								
2 years or less ..... 1997..	8	27	20	–	3	38	–	32
1992..	11	18	20	–	6	19	1	32
3 or 4 years ..... 1997..	19	19	36	1	12	44	–	41
1992..	27	28	29	2	5	39	–	60
5 to 9 years ..... 1997..	55	64	53	5	15	92	1	101
1992..	57	84	71	3	26	124	–	151
10 years or more ..... 1997..	283	354	352	7	129	459	3	677
1992..	256	310	344	8	118	403	–	627
Average years on present farm ..... 1997..	22.6	21.3	21.0	12.5	20.7	18.1	20.8	22.1
1992..	21.2	20.9	20.1	(D)	21.3	17.9	(D)	20.6
Not reported ..... 1997..	53	75	70	1	26	99	1	133
1992..	59	87	71	1	31	83	1	127

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		Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	31	–	3	4	–	–	2
	1992	40	–	–	6	–	4	9
25 to 34 years	1997	253	8	19	28	5	12	39
	1992	350	11	20	38	6	18	37
35 to 44 years	1997	1 071	60	77	97	16	71	109
	1992	1 122	44	70	119	13	94	125
45 to 54 years	1997	1 621	71	111	162	21	109	165
	1992	1 366	37	80	140	10	82	148
55 to 59 years	1997	646	24	35	67	6	64	55
	1992	526	10	35	45	6	45	46
60 to 64 years	1997	500	8	30	52	3	41	47
	1992	525	12	33	53	5	29	45
65 to 69 years	1997	455	13	32	54	5	35	43
	1992	466	3	31	44	5	32	46
70 years and over	1997	997	37	80	91	8	64	83
	1992	863	27	51	78	11	53	63
Average age	1997	54.9	53.5	55.2	55.0	51.5	55.6	53.3
	1992	53.8	52.3	54.3	52.4	53.8	53.4	51.6
Operators by sex:								
Male	farms, 1997	4 648	175	342	489	41	324	457
	1992	4 437	117	273	456	42	273	457
	acres, 1997	470 925	4 352	58 532	33 785	4 537	22 862	68 244
	1992	476 440	4 061	55 354	31 347	5 040	21 466	69 102
Female	farms, 1997	926	46	45	66	23	72	86
	1992	821	27	47	67	14	84	62
	acres, 1997	47 374	394	4 301	3 388	359	2 685	6 890
	1992	50 000	1 279	5 626	2 888	717	4 004	5 382
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	4 496	167	332	444	48	318	452
	1992	4 232	110	271	426	43	271	426
	acres, 1997	330 825	2 245	43 970	24 497	1 650	18 424	51 697
	1992	337 401	2 230	41 078	23 426	1 893	16 721	48 179
Partnership	farms, 1997	443	16	30	45	4	30	59
	1992	401	6	22	42	4	36	59
	acres, 1997	71 602	1 085	10 540	5 650	(D)	3 016	15 178
	1992	70 194	172	9 280	4 124	291	3 939	15 934
Corporation:								
Family held	farms, 1997	494	33	16	57	7	35	21
	1992	488	24	20	45	4	36	30
	acres, 1997	88 355	870	5 711	5 590	(D)	3 383	6 954
	1992	(D)	2 784	7 607	4 619	310	3 668	10 026
Other than family held	farms, 1997	60	1	5	4	1	6	5
	1992	61	3	2	5	–	6	1
	acres, 1997	7 964	(D)	(D)	(D)	(D)	79	608
	1992	(D)	(D)	(D)	309	–	129	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	81	4	4	5	4	7	6
	1992	76	1	5	5	5	8	3
	acres, 1997	19 553	(D)	(D)	(D)	(D)	645	697
	1992	24 633	(D)	(D)	1 757	3 263	1 013	(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		Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	2	2	2	–	2	5	–	9
	1992	5	9	–	–	–	4	1	2
25 to 34 years	1997	12	32	26	1	8	38	–	25
	1992	19	38	33	1	14	47	–	68
35 to 44 years	1997	80	110	98	8	38	124	–	183
	1992	82	121	103	2	33	128	–	188
45 to 54 years	1997	113	158	149	2	50	226	2	282
	1992	94	127	139	7	48	204	1	249
55 to 59 years	1997	35	63	55	3	27	99	2	111
	1992	33	40	60	3	18	77	–	108
60 to 64 years	1997	40	31	57	–	10	79	–	102
	1992	49	48	66	–	20	67	–	98
65 to 69 years	1997	42	31	47	–	16	53	–	84
	1992	50	36	55	–	22	49	–	93
70 years and over	1997	94	112	97	–	34	108	1	188
	1992	78	108	79	1	31	92	–	191
Average age	1997	56.7	54.4	55.1	43.6	54.7	54.3	57.4	55.9
	1992	55.4	53.7	54.4	(D)	55.1	53.3	(D)	55.0
Operators by sex:									
Male	farms, 1997	350	475	417	5	144	620	3	806
	1992	344	463	429	8	155	568	1	851
	acres, 1997	33 346	48 882	27 420	(D)	8 076	66 786	(D)	93 122
	1992	33 578	49 693	27 791	(D)	8 981	65 825	(D)	103 515
Female	farms, 1997	68	64	114	9	41	112	2	178
	1992	66	64	106	6	31	100	1	146
	acres, 1997	4 071	3 210	3 298	(D)	1 793	6 632	(D)	10 278
	1992	3 899	3 766	3 792	(D)	901	6 422	(D)	11 290
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	356	458	408	12	141	508	3	849
	1992	350	446	419	13	136	471	1	849
	acres, 1997	29 943	32 563	21 700	(D)	6 047	23 663	(D)	74 113
	1992	29 085	37 169	22 699	(D)	6 917	24 849	(D)	82 735
Partnership	farms, 1997	23	48	39	1	14	71	–	63
	1992	21	50	31	–	8	52	–	70
	acres, 1997	3 245	10 090	1 207	(D)	(D)	4 534	–	15 863
	1992	2 977	8 978	1 514	–	687	6 944	–	15 354
Corporation:									
Family held	farms, 1997	34	21	68	–	21	123	2	56
	1992	29	20	72	1	35	107	1	64
	acres, 1997	3 718	7 067	6 278	–	1 062	37 561	(D)	9 789
	1992	3 862	4 365	5 991	(D)	1 106	23 371	(D)	9 972
Other than family held	farms, 1997	1	3	11	1	3	15	–	4
	1992	7	3	8	–	3	20	–	3
	acres, 1997	(D)	(D)	429	(D)	(D)	3 739	–	393
	1992	1 169	319	801	–	66	13 150	–	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	9	5	–	6	15	–	12
	1992	3	8	5	–	4	18	–	11
	acres, 1997	(D)	(D)	1 104	–	1 186	3 921	–	3 242
	1992	384	2 628	578	–	1 106	3 933	–	(D)

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997..	2 587	128	139	261	18	179	232
1992..	2 375	88	121	254	18	167	235
acres, 1997..	336 875	3 894	36 194	23 582	(D)	16 462	46 969
1992..	345 095	3 813	36 222	23 386	619	18 230	47 904
Average size of farm ..... acres, 1997..	130	30	260	90	(D)	92	202
1992..	145	43	299	92	34	109	204
Total cropland ..... farms, 1997..	2 485	117	132	249	16	175	226
1992..	2 303	87	119	243	18	163	228
acres, 1997..	164 296	2 239	21 821	12 223	448	8 876	23 253
1992..	174 659	1 672	19 860	13 974	(D)	11 471	25 612
Harvested cropland ..... farms, 1997..	2 412	114	126	239	16	170	213
1992..	2 243	87	115	231	18	159	222
acres, 1997..	132 945	1 995	16 726	9 955	(D)	7 499	17 743
1992..	137 323	1 360	15 508	10 740	(D)	8 534	19 673
Irrigated land ..... farms, 1997..	1 288	103	24	121	9	99	60
1992..	1 044	78	21	121	12	77	52
acres, 1997..	23 817	1 772	76	1 879	76	1 183	1 802
1992..	19 007	1 214	68	1 704	84	814	1 138
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... $1,000, 1997..	445 621	17 891	20 009	33 223	1 090	24 448	39 759
1992..	342 331	(D)	17 409	28 814	749	17 287	29 186
Average per farm ..... dollars, 1997..	172 254	139 777	143 948	127 291	60 563	136 578	171 377
1992..	144 139	(D)	143 874	113 439	41 599	103 516	124 198
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms..	2 202	113	101	212	16	159	174
$1,000..	351 465	17 009	7 865	24 590	891	19 403	24 460
Grains ..... farms..	57	–	8	9	–	6	5
$1,000..	(D)	–	(D)	(D)	–	50	84
Corn for grain ..... farms..	47	–	6	9	–	4	5
$1,000..	1 163	–	346	(D)	–	(D)	84
Wheat ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Soybeans ..... farms..	5	–	–	–	–	3	–
$1,000..	(D)	–	–	–	–	(D)	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Oats ..... farms..	2	–	1	–	–	1	–
$1,000..	(D)	–	(D)	–	–	(D)	–
Other grains ..... farms..	10	–	3	–	–	1	–
$1,000..	67	–	(D)	–	–	(D)	–
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Tobacco ..... farms..	66	–	–	–	–	–	16
$1,000..	(D)	–	–	–	–	–	(D)
Hay, silage, and field seeds ..... farms..	553	2	50	56	4	40	75
$1,000..	8 713	(D)	1 267	651	(D)	952	(D)
Vegetables, sweet corn, and melons ..... farms..	687	16	31	82	4	70	63
$1,000..	36 496	358	1 090	6 452	200	3 107	4 131
Fruits, nuts, and berries ..... farms..	818	75	11	71	3	27	33
$1,000..	147 386	12 081	357	6 260	(D)	1 092	1 839
Nursery and greenhouse crops ..... farms..	823	40	36	80	10	99	56
$1,000..	126 801	4 532	4 760	10 998	(D)	14 195	8 645
Other crops ..... farms..	154	1	11	7	2	6	54
$1,000..	6 983	(D)	(D)	(D)	(D)	7	1 979
Livestock, poultry, and their products ..... farms..	870	30	85	84	9	57	132
$1,000..	94 156	882	12 144	8 633	199	5 045	15 299
Poultry and poultry products ..... farms..	130	5	7	14	2	9	8
$1,000..	15 759	44	1 153	60	(D)	(D)	487
Dairy products ..... farms..	345	1	39	34	–	13	79
$1,000..	59 757	(D)	9 569	(D)	–	(D)	12 200
Cattle and calves ..... farms..	563	3	60	61	4	25	111
$1,000..	5 195	(D)	676	1 052	(D)	365	793
Hogs and pigs ..... farms..	106	–	9	25	2	3	3
$1,000..	1 954	–	78	317	(D)	(D)	4
Sheep, lambs, and wool ..... farms..	88	1	9	7	2	10	10
$1,000..	149	(D)	5	(D)	(D)	15	10
Other livestock and livestock products (see text) ..... farms..	201	24	16	11	3	23	21
$1,000..	11 341	746	663	145	166	566	1 805
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997..	2 584	130	117	264	18	181	233
1992..	2 331	88	107	254	18	166	237
$1,000, 1997..	290 060	10 401	15 814	20 057	809	14 058	30 439
1992..	245 250	5 644	14 315	20 513	(D)	11 898	25 230
1997 farm production expenses:							
Livestock and poultry purchased ..... farms..	495	10	42	55	3	39	67
$1,000..	6 808	94	974	1 342	37	130	378
Feed for livestock and poultry ..... farms..	872	15	64	108	5	62	126
$1,000..	30 068	125	3 865	3 141	22	1 274	4 582
Commercially mixed formula feeds ..... farms..	710	12	55	83	4	42	107
$1,000..	22 746	117	3 185	2 090	10	970	3 715
Seeds, bulbs, plants, and trees ..... farms..	1 583	51	104	224	12	142	142
$1,000..	15 524	1 185	408	2 181	(D)	698	1 036
Commercial fertilizer ..... farms..	2 112	105	100	227	13	145	182
$1,000..	9 680	288	545	808	(D)	369	1 309
Agricultural chemicals ..... farms..	1 687	85	61	174	11	100	142
$1,000..	8 071	380	216	455	9	193	673

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997..	157	240	241	10	86	487	5	404
1992..	157	212	224	8	70	426	2	393
acres, 1997..	20 796	32 532	19 241	(D)	6 362	64 924	7	63 449
1992..	22 876	35 331	19 521	(D)	5 125	63 520	(D)	67 993
Average size of farm ..... acres, 1997..	132	136	80	(D)	74	133	1	157
1992..	146	167	87	(D)	73	149	(D)	173
Total cropland ..... farms, 1997..	154	229	228	10	78	481	5	385
1992..	150	210	211	8	68	421	2	375
acres, 1997..	11 239	20 865	11 160	(D)	2 586	18 353	(D)	30 868
1992..	11 076	22 784	13 154	466	2 742	17 281	(D)	34 099
Harvested cropland ..... farms, 1997..	149	224	224	10	77	474	5	371
1992..	141	208	208	8	65	418	2	361
acres, 1997..	8 620	17 516	9 275	347	2 034	15 956	(D)	24 942
1992..	8 550	17 776	10 934	412	2 199	14 746	(D)	26 613
Irrigated land ..... farms, 1997..	57	60	134	10	50	431	3	127
1992..	47	34	101	7	37	380	2	75
acres, 1997..	1 033	677	1 450	329	285	12 068	3	1 184
1992..	658	240	1 155	(D)	232	10 648	(D)	656
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... $1,000, 1997..	28 401	34 611	56 822	2 939	7 997	121 920	263	56 248
1992..	18 331	23 859	43 985	2 620	8 560	95 004	(D)	47 878
Average per farm ..... dollars, 1997..	180 899	144 211	235 776	293 877	92 988	250 349	52 620	139 229
1992..	116 761	112 544	196 362	327 447	122 288	223 014	(D)	121 828
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms..	135	204	217	10	69	462	5	325
$1,000..	24 475	24 484	49 240	2 939	7 156	118 007	263	30 682
Grains ..... farms..	3	16	4	–	–	1	–	5
$1,000..	(D)	657	(D)	–	–	(D)	–	(D)
Corn for grain ..... farms..	1	13	4	–	–	1	–	4
$1,000..	(D)	(D)	(D)	–	–	(D)	–	(D)
Wheat ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Soybeans ..... farms..	–	2	–	–	–	–	–	–
$1,000..	–	(D)	–	–	–	–	–	–
Sorghum for grain ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Barley ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Oats ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Other grains ..... farms..	2	3	–	–	–	–	–	1
$1,000..	(D)	(D)	–	–	–	–	–	(D)
Cotton and cottonseed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Tobacco ..... farms..	10	39	–	–	–	1	–	–
$1,000..	(D)	(D)	–	–	–	(D)	–	–
Hay, silage, and field seeds ..... farms..	38	64	51	1	7	22	–	143
$1,000..	579	(D)	792	(D)	(D)	290	–	2 134
Vegetables, sweet corn, and melons ..... farms..	53	96	99	3	25	36	1	108
$1,000..	3 211	5 682	5 137	(D)	1 081	1 187	(D)	4 361
Fruits, nuts, and berries ..... farms..	40	31	43	3	14	393	–	74
$1,000..	1 984	911	2 158	(D)	493	111 799	–	7 040
Nursery and greenhouse crops ..... farms..	59	61	121	9	49	63	5	135
$1,000..	8 254	5 195	41 093	1 059	5 473	4 719	(D)	17 053
Other crops ..... farms..	7	35	9	1	3	3	–	15
$1,000..	69	4 581	(D)	(D)	(D)	(D)	–	(D)
Livestock, poultry, and their products ..... farms..	42	92	67	–	27	48	–	197
$1,000..	3 926	10 126	7 582	–	841	3 913	–	25 567
Poultry and poultry products ..... farms..	8	13	15	–	6	11	–	32
$1,000..	(D)	366	386	–	65	426	–	10 564
Dairy products ..... farms..	21	43	10	–	10	11	–	84
$1,000..	(D)	7 038	2 082	–	589	2 764	–	(D)
Cattle and calves ..... farms..	28	66	31	–	14	21	–	139
$1,000..	156	535	434	–	52	97	–	994
Hogs and pigs ..... farms..	3	7	18	–	4	8	–	24
$1,000..	(D)	417	496	–	(D)	112	–	361
Sheep, lambs, and wool ..... farms..	5	10	8	–	7	5	–	14
$1,000..	2	61	13	–	(D)	5	–	(D)
Other livestock and livestock products (see text) ..... farms..	6	14	22	–	6	19	–	36
$1,000..	43	1 709	4 171	–	60	508	–	761
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997..	162	241	246	10	85	491	5	401
1992..	154	211	217	8	56	425	2	388
$1,000, 1997..	19 414	23 852	34 186	2 930	5 408	72 374	264	40 053
1992..	14 214	17 579	29 079	2 369	6 092	60 028	(D)	37 611
1997 farm production expenses:								
Livestock and poultry purchased ..... farms..	22	62	50	–	12	37	–	96
$1,000..	102	895	615	–	87	363	–	1 791
Feed for livestock and poultry ..... farms..	54	95	71	–	23	53	–	196
$1,000..	1 390	3 341	1 722	–	389	851	–	9 366
Commercially mixed formula feeds ..... farms..	37	83	52	–	15	44	–	176
$1,000..	1 120	2 086	1 233	–	127	699	–	7 394
Seeds, bulbs, plants, and trees ..... farms..	113	173	165	9	54	149	4	241
$1,000..	1 322	1 342	3 492	233	229	1 320	(D)	1 989
Commercial fertilizer ..... farms..	131	199	199	10	65	450	3	283
$1,000..	899	1 632	704	47	93	2 051	(D)	907
Agricultural chemicals ..... farms..	103	160	143	10	46	432	3	217
$1,000..	482	899	650	(D)	62	3 226	(D)	750

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	2 506	129	117	262	16	166	231
$1,000..	13 534	403	637	915	41	986	1 351
Electricity ..... farms..	2 053	92	98	167	10	150	208
$1,000..	7 073	147	514	637	(D)	405	867
Hired farm labor ..... farms..	1 586	74	81	125	12	147	155
$1,000..	80 851	2 960	2 652	4 131	(D)	5 116	9 168
Contract labor ..... farms..	544	27	14	25	3	31	31
$1,000..	7 119	220	320	123	8	194	619
Repair and maintenance ..... farms..	2 387	127	114	248	16	178	215
$1,000..	19 385	1 064	892	919	(D)	1 046	1 723
Customwork, machine hire, and rental of machinery and equipment ..... farms..	754	52	35	46	7	58	70
$1,000..	6 921	449	118	385	26	69	229
Interest ..... farms..	1 204	55	71	125	4	75	112
$1,000..	14 694	764	762	1 175	(D)	699	1 022
Cash rent ..... farms..	719	28	40	81	5	54	103
$1,000..	6 300	302	283	461	(D)	180	679
Property taxes ..... farms..	2 351	107	109	238	15	163	214
$1,000..	12 515	409	500	900	50	649	848
All other farm production expenses ..... farms..	2 582	130	117	264	18	181	233
$1,000..	51 517	1 611	3 127	2 483	(D)	2 050	5 955
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	2 584	130	117	264	18	181	233
1992..	2 331	88	107	254	18	166	237
$1,000, 1997..	147 322	7 347	3 576	12 156	281	10 552	8 619
1992..	90 451	2 396	3 418	7 987	156	5 683	4 294
Average per farm ..... dollars, 1997..	57 013	56 513	30 560	46 046	15 611	58 297	36 993
1992..	38 803	27 231	31 946	31 445	8 686	34 237	18 117
Farms with net gains[2] ..... number, 1997..	2 094	115	83	217	13	147	181
1992..	1 883	78	84	203	16	127	169
$1,000, 1997..	157 182	7 569	5 611	12 786	380	11 259	9 648
1992..	95 809	(D)	3 549	8 409	(D)	6 360	5 044
Average per farm ..... dollars, 1997..	75 063	65 820	67 605	58 920	29 250	76 594	53 304
1992..	50 881	(D)	42 254	41 425	(D)	50 082	29 847
Farms with net losses ..... number, 1997..	490	15	34	47	5	34	52
1992..	448	10	23	51	2	39	68
$1,000, 1997..	9 860	223	2 036	629	99	707	1 029
1992..	5 358	(D)	131	422	(D)	677	750
Average per farm ..... dollars, 1997..	20 123	14 846	59 874	13 391	19 852	20 807	19 781
1992..	11 961	(D)	5 700	8 278	(D)	17 360	11 035
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	314	8	29	47	1	20	46
1992..	344	9	15	53	1	22	54
$1,000, 1997..	1 070	(D)	96	68	(D)	85	205
1992..	1 735	135	71	379	(D)	90	157
Average per farm ..... dollars, 1997..	3 407	(D)	3 317	1 442	(D)	4 234	4 448
1992..	5 042	14 988	4 709	7 155	(D)	4 078	2 910
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	31	–	1	3	–	4	5
1992..	27	1	–	6	–	–	5
$1,000, 1997..	62	–	(D)	3	–	10	(D)
1992..	55	(D)	–	(D)	–	–	(D)
Average per farm ..... dollars, 1997..	2 014	–	(D)	1 000	–	2 475	(D)
1992..	2 026	(D)	–	(D)	–	–	(D)
FARMS BY SIZE							
1 to 9 acres ..... 1997..	507	55	22	43	6	48	12
1992..	411	29	14	52	8	31	12
10 to 49 acres ..... 1997..	739	53	21	82	8	53	43
1992..	608	42	17	67	3	60	42
50 to 69 acres ..... 1997..	210	7	6	29	1	15	18
1992..	194	2	5	25	4	9	17
70 to 99 acres ..... 1997..	191	5	7	19	–	11	14
1992..	192	5	4	30	2	13	16
100 to 139 acres ..... 1997..	238	3	8	33	1	13	36
1992..	224	5	8	28	1	12	33
140 to 179 acres ..... 1997..	139	1	5	19	1	7	19
1992..	145	–	9	19	–	10	19
180 to 219 acres ..... 1997..	128	–	12	11	–	10	18
1992..	137	2	5	3	–	12	17
220 to 259 acres ..... 1997..	86	1	–	7	–	5	13
1992..	82	2	3	8	–	5	12
260 to 499 acres ..... 1997..	223	3	34	13	–	13	38
1992..	250	–	31	19	–	7	45
500 to 999 acres ..... 1997..	100	–	19	5	1	3	19
1992..	103	1	17	2	–	7	20
1,000 to 1,999 acres ..... 1997..	22	–	5	–	–	1	2
1992..	24	–	8	1	–	1	2
2,000 acres or more ..... 1997..	4	–	–	–	–	–	–
1992..	5	–	–	–	–	–	–
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	619 230	433 072	806 116	526 639	359 988	688 791	462 257
1992..	634 035	459 746	856 859	516 792	325 696	1 216 924	488 488
Average per acre ..... dollars, 1997..	5 095	14 362	2 890	6 585	(D)	7 540	2 109
1992..	4 720	10 780	3 298	6 405	9 471	12 431	2 409

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products ..... farms..	145	241	245	10	85	476	5	378
$1,000..	1 108	1 045	2 199	112	372	2 812	24	1 529
Electricity ..... farms..	137	200	198	10	73	364	4	342
$1,000..	380	607	792	67	170	(D)	(D)	1 187
Hired farm labor ..... farms..	108	165	187	7	51	272	3	199
$1,000..	6 979	6 185	11 095	997	2 035	20 033	(D)	9 114
Contract labor ..... farms..	13	27	31	2	20	254	–	66
$1,000..	287	255	526	(D)	(D)	(D)	–	1 195
Repair and maintenance ..... farms..	151	229	234	10	77	423	4	361
$1,000..	1 019	1 753	1 892	(D)	471	6 274	9	2 178
Customwork, machine hire, and rental of machinery and equipment ..... farms..	32	55	58	8	9	247	1	76
$1,000..	212	323	400	(D)	(D)	4 311	(D)	326
Interest ..... farms..	89	114	80	9	33	234	3	200
$1,000..	756	1 035	1 119	(D)	178	5 344	5	1 678
Cash rent ..... farms..	57	97	72	4	14	45	–	119
$1,000..	355	760	502	(D)	42	2 066	–	384
Property taxes ..... farms..	141	228	224	9	82	436	5	380
$1,000..	533	828	1 333	35	343	4 646	13	1 427
All other farm production expenses ..... farms..	162	241	246	10	85	490	4	401
$1,000..	3 589	2 952	7 145	(D)	826	14 518	26	6 232
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	162	241	246	10	85	491	5	401
1992..	154	211	217	8	56	425	2	388
$1,000, 1997..	7 989	9 813	23 848	9	2 162	45 448	–1	15 523
1992..	3 288	5 338	12 480	(D)	1 116	34 791	(D)	9 197
Average per farm ..... dollars, 1997..	49 318	40 717	96 943	886	25 434	92 563	–238	38 712
1992..	21 353	25 297	57 513	(D)	19 932	81 861	(D)	23 703
Farms with net gains[2] ..... number, 1997..	131	197	181	7	67	449	4	302
1992..	112	184	161	3	48	394	2	302
$1,000, 1997..	8 253	10 365	25 045	(D)	2 542	46 239	(D)	16 887
1992..	4 163	5 655	12 867	(D)	1 277	35 386	(D)	10 088
Average per farm ..... dollars, 1997..	62 998	52 613	138 372	(D)	37 935	102 982	(D)	55 919
1992..	37 173	30 734	79 917	(D)	26 608	89 812	(D)	33 403
Farms with net losses ..... number, 1997..	31	44	65	3	18	42	1	99
1992..	42	27	56	5	8	31	–	86
$1,000, 1997..	263	552	1 197	(D)	380	791	(D)	1 364
1992..	875	317	386	58	161	595	–	891
Average per farm ..... dollars, 1997..	8 492	12 547	18 422	(D)	21 095	18 828	(D)	13 779
1992..	20 834	11 757	6 896	11 663	20 126	19 188	–	10 358
GOVERNMENT PAYMENTS								
Total received ..... farms, 1997..	12	36	20	–	7	26	–	62
1992..	31	45	22	2	13	29	–	48
$1,000, 1997..	55	126	58	–	37	72	–	261
1992..	140	166	94	(D)	(D)	225	–	184
Average per farm ..... dollars, 1997..	4 561	3 510	2 905	–	5 318	2 785	–	4 214
1992..	4 515	3 679	4 261	(D)	(D)	7 775	–	3 828
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	2	–	4	–	2	4	–	6
1992..	1	2	3	–	–	3	–	6
$1,000, 1997..	(D)	–	(D)	–	(D)	(D)	–	(D)
1992..	(D)	(D)	(D)	–	–	(D)	–	15
Average per farm ..... dollars, 1997..	(D)	–	(D)	–	(D)	(D)	–	(D)
1992..	(D)	(D)	(D)	–	–	(D)	–	2 513
FARMS BY SIZE								
1 to 9 acres ..... 1997..	18	41	67	5	36	92	5	57
1992..	24	21	66	5	26	68	2	53
10 to 49 acres ..... 1997..	40	64	70	3	22	190	–	90
1992..	38	40	59	1	20	158	–	61
50 to 69 acres ..... 1997..	16	18	22	–	3	48	–	27
1992..	6	22	19	–	4	46	–	35
70 to 99 acres ..... 1997..	12	27	19	–	4	42	–	31
1992..	14	24	16	–	2	35	–	31
100 to 139 acres ..... 1997..	27	19	22	–	3	27	–	46
1992..	20	26	17	–	5	28	–	41
140 to 179 acres ..... 1997..	7	17	12	–	3	15	–	33
1992..	9	11	17	–	1	11	–	39
180 to 219 acres ..... 1997..	7	10	8	1	4	16	–	31
1992..	15	18	10	1	4	18	–	32
220 to 259 acres ..... 1997..	9	13	8	–	3	15	–	12
1992..	4	9	6	–	2	12	–	19
260 to 499 acres ..... 1997..	14	18	8	–	7	22	–	53
1992..	20	24	8	1	5	30	–	60
500 to 999 acres ..... 1997..	6	9	5	1	1	10	–	21
1992..	6	16	6	–	1	8	–	19
1,000 to 1,999 acres ..... 1997..	1	4	–	–	–	7	–	2
1992..	1	1	–	–	–	9	–	1
2,000 acres or more ..... 1997..	–	–	–	–	–	3	–	1
1992..	–	–	–	–	–	3	–	2
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm ..... dollars, 1997..	444 334	388 193	713 506	812 442	612 259	918 720	339 000	542 580
1992..	474 246	398 871	549 775	(D)	543 667	854 047	(D)	557 043
Average per acre ..... dollars, 1997..	4 123	3 554	8 649	(D)	8 233	7 195	242 143	4 089
1992..	3 718	3 237	6 214	(D)	10 850	5 845	(D)	3 284

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997..	2 584	130	117	264	18	181	233
1992..	2 330	88	107	253	18	166	237
$1,000, 1997..	157 972	5 792	7 339	10 196	541	12 659	15 361
1992..	144 563	3 421	8 606	12 793	(D)	10 260	16 278
Average per farm ..... dollars, 1997..	61 135	44 552	62 724	38 621	30 028	69 940	65 927
1992..	62 044	38 877	80 435	50 565	(D)	61 805	68 684
Motortrucks, including pickups ..... farms, 1997..	2 404	121	116	228	17	146	232
1992..	2 161	78	103	246	16	163	221
number, 1997..	6 643	271	275	523	40	429	641
1992..	6 320	169	274	703	(D)	372	782
Wheel tractors ..... farms, 1997..	2 181	91	113	247	12	161	224
1992..	2 063	62	105	225	16	149	223
number, 1997..	5 790	140	330	619	24	425	626
1992..	6 585	113	348	816	28	477	814
Grain and bean combines ..... farms, 1997..	37	–	13	11	–	1	4
1992..	26	–	5	1	–	3	3
number, 1997..	40	–	14	11	–	(D)	(D)
1992..	40	–	5	(D)	–	3	3
TENURE OF OPERATOR							
Full owners ..... farms, 1997..	1 466	86	57	140	7	111	91
1992..	1 273	62	40	129	6	96	82
acres, 1997..	140 646	2 921	6 608	9 866	(D)	6 428	11 092
1992..	136 208	2 022	7 273	8 868	123	7 457	10 753
Part owners ..... farms, 1997..	828	20	68	80	7	49	120
1992..	833	13	58	88	7	52	134
acres, 1997..	170 978	774	25 896	9 663	396	8 556	33 451
1992..	177 980	1 658	22 112	10 615	(D)	7 831	34 465
Tenants ..... farms, 1997..	293	22	14	41	4	19	21
1992..	269	13	23	37	5	19	19
acres, 1997..	25 251	199	3 690	4 053	72	1 478	2 426
1992..	30 907	133	6 837	3 903	(D)	2 942	2 686
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ..... 1997..	1 745	60	101	183	9	131	181
1992..	1 691	52	96	179	12	117	201
Not on farm operated ..... 1997..	691	55	31	61	6	41	37
1992..	566	34	19	65	6	39	27
Not reported ..... 1997..	151	13	7	17	3	7	14
1992..	118	2	6	10	–	11	7
Operators by principal occupation:							
Farming ..... 1997..	1 848	82	101	187	9	127	183
1992..	1 810	64	101	187	13	125	186
Other ..... 1997..	739	46	38	74	9	52	49
1992..	565	24	20	67	5	42	49
Operators by days worked off farm:							
None ..... 1997..	1 371	49	78	146	5	96	120
1992..	1 348	37	80	143	11	107	142
Any ..... 1997..	1 058	70	57	103	11	71	95
1992..	881	45	34	95	7	52	89
1 to 49 days ..... 1997..	195	9	7	25	2	8	29
1992..	150	9	10	18	2	8	17
50 to 99 days ..... 1997..	103	7	5	16	4	4	7
1992..	82	5	2	3	1	4	11
100 to 149 days ..... 1997..	90	8	6	9	1	9	8
1992..	87	7	–	13	3	5	11
150 to 199 days ..... 1997..	153	16	9	13	2	10	17
1992..	134	4	5	10	–	9	9
200 days or more ..... 1997..	517	30	30	40	2	40	34
1992..	428	20	17	51	1	26	41
Not reported ..... 1997..	158	9	4	12	2	12	17
1992..	146	6	7	16	–	8	4
1997 operators by years on present farm:							
2 years or less	75	2	–	7	1	2	–
3 or 4 years	107	11	3	8	–	9	12
5 to 9 years	308	22	18	34	2	19	25
10 years or more	1 731	81	97	182	12	128	156
Average years on present farm	20.7	16.1	24.3	20.5	17.3	22.3	22.1
Not reported	366	12	21	30	3	21	39
1997 operators by age group:							
Under 25 years	16	–	–	3	–	–	1
25 to 34 years	131	5	10	14	1	7	14
35 to 44 years	562	27	34	56	6	27	63
45 to 54 years	789	50	40	76	7	57	64
55 to 64 years	512	18	24	52	1	48	36
65 years and over	577	28	31	60	3	40	54
Average age	53.4	53.8	53.3	53.3	50.3	54.9	52.3
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997..	1 767	85	96	188	8	127	167
1992..	1 631	61	86	183	14	112	159
acres, 1997..	172 820	1 630	20 595	13 684	(D)	10 240	26 635
1992..	186 660	1 745	21 793	13 618	397	11 302	23 604
Partnership ..... farms, 1997..	302	12	25	25	2	18	43
1992..	286	5	15	28	1	22	49
acres, 1997..	61 111	1 078	(D)	4 805	(D)	2 737	13 366
1992..	62 161	(D)	7 973	3 709	(D)	3 166	(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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997..	162	241	246	10	85	491	5	401
1992..	154	211	217	8	56	425	2	388
$1,000, 1997..	7 991	13 647	15 240	847	3 432	38 502	93	26 333
1992..	7 199	11 049	11 672	670	2 540	36 778	(D)	22 884
Average per farm ..... dollars, 1997..	49 327	56 626	61 951	84 650	40 382	78 416	18 550	65 669
1992..	46 744	52 363	53 787	83 750	45 352	86 537	(D)	58 979
Motortrucks, including pickups ..... farms, 1997..	143	229	227	10	77	487	3	368
1992..	143	207	192	8	53	384	1	346
number, 1997..	508	677	665	47	163	1 413	5	986
1992..	393	557	734	38	144	1 257	(D)	869
Wheel tractors ..... farms, 1997..	137	234	193	8	59	330	2	370
1992..	149	201	203	4	49	324	1	352
number, 1997..	444	720	633	(D)	125	712	(D)	962
1992..	526	710	782	(D)	136	765	(D)	1 048
Grain and bean combines ..... farms, 1997..	1	4	1	1	1	–	–	–
1992..	1	7	1	–	–	3	–	2
number, 1997..	(D)	4	(D)	(D)	(D)	–	–	–
1992..	(D)	19	(D)	–	–	5	–	(D)
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	76	88	135	5	62	377	5	226
1992..	78	68	118	3	49	349	2	191
acres, 1997..	6 891	7 277	7 376	(D)	(D)	53 880	7	23 097
1992..	7 130	8 531	5 876	(D)	2 630	53 924	(D)	21 614
Part owners ..... farms, 1997..	64	126	69	4	16	62	–	143
1992..	63	112	69	3	14	49	–	171
acres, 1997..	13 170	24 434	9 137	43	2 127	8 396	–	34 935
1992..	14 862	23 040	10 511	(D)	2 106	7 872	–	42 377
Tenants ..... farms, 1997..	17	26	37	1	8	48	–	35
1992..	16	32	37	2	7	28	–	31
acres, 1997..	735	821	2 728	(D)	(D)	2 648	–	5 417
1992..	884	3 760	3 134	(D)	389	1 724	–	4 002
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ..... 1997..	117	173	151	8	58	246	3	324
1992..	114	157	159	5	53	220	–	326
Not on farm operated ..... 1997..	34	52	76	2	23	213	1	59
1992..	32	44	52	2	14	181	2	49
Not reported ..... 1997..	6	15	14	–	5	28	1	21
1992..	11	11	13	1	3	25	–	18
Operators by principal occupation:								
Farming ..... 1997..	117	172	166	9	57	348	3	287
1992..	130	165	167	7	49	305	2	309
Other ..... 1997..	40	68	75	1	29	139	2	117
1992..	27	47	57	1	21	121	–	84
Operators by days worked off farm:								
None ..... 1997..	91	125	131	6	51	254	1	218
1992..	100	119	133	2	44	187	2	241
Any ..... 1997..	52	106	93	4	32	199	3	162
1992..	46	82	74	6	23	202	–	126
1 to 49 days ..... 1997..	8	19	16	–	2	34	–	36
1992..	5	15	17	1	4	23	–	21
50 to 99 days ..... 1997..	7	12	7	–	4	12	1	17
1992..	4	11	6	2	3	24	–	6
100 to 149 days ..... 1997..	5	13	9	–	–	12	–	10
1992..	8	5	7	1	1	14	–	12
150 to 199 days ..... 1997..	11	10	12	4	3	24	2	20
1992..	6	19	12	1	2	30	–	27
200 days or more ..... 1997..	21	52	49	–	23	117	–	79
1992..	23	32	32	1	13	111	–	60
Not reported ..... 1997..	14	9	17	–	3	34	1	24
1992..	11	11	17	–	3	37	–	26
1997 operators by years on present farm:								
2 years or less	2	13	10	–	1	26	–	11
3 or 4 years	5	8	10	1	5	19	–	16
5 to 9 years	18	24	28	2	6	61	1	48
10 years or more	108	160	160	6	54	310	3	274
Average years on present farm	25.5	21.3	19.8	13.8	19.5	18.2	20.8	21.4
Not reported	24	35	33	1	20	71	1	55
1997 operators by age group:								
Under 25 years	–	2	–	–	2	3	–	5
25 to 34 years	1	19	12	1	5	25	–	17
35 to 44 years	36	60	59	4	19	78	–	93
45 to 54 years	36	68	76	2	25	167	2	119
55 to 64 years	32	38	47	3	14	117	2	80
65 years and over	52	53	47	–	21	97	1	90
Average age	57.5	51.9	52.2	44.8	52.1	53.9	57.4	53.3
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997..	113	180	146	9	56	295	3	294
1992..	119	156	154	7	34	255	1	290
acres, 1997..	14 675	17 041	10 986	273	3 506	16 217	(D)	37 105
1992..	16 837	21 184	13 014	(D)	3 090	17 454	(D)	42 368
Partnership ..... farms, 1997..	15	31	22	–	8	49	–	52
1992..	14	36	17	–	5	43	–	51
acres, 1997..	2 834	6 290	725	–	(D)	3 951	–	14 587
1992..	2 652	7 670	833	–	480	6 730	–	14 085

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997..	416	26	13	43	6	27	17
1992..	380	19	15	36	3	27	26
acres, 1997..	82 843	640	4 725	4 659	(D)	3 157	6 646
1992..	66 967	1 769	4 641	4 160	(D)	3 499	9 592
Other than family held ..... farms, 1997..	49	1	5	2	1	4	2
1992..	46	2	2	4	–	5	1
acres, 1997..	7 247	(D)	(D)	(D)	(D)	(D)	(D)
1992..	14 612	(D)	(D)	(D)	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	53	4	–	3	1	3	3
1992..	32	1	3	3	–	1	–
acres, 1997..	12 854	(D)	–	(D)	(D)	(D)	(D)
1992..	14 695	(D)	(D)	(D)	–	(D)	–
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	38	–	6	6	–	4	4
Vegetable and melon farming (1112)	442	10	19	64	4	42	41
Fruit and tree nut farming (1113)	606	66	4	44	–	6	16
Greenhouse, nursery, and floriculture production (1114)	603	28	28	66	8	75	28
Other crop farming (1119)	313	4	24	25	2	20	40
Tobacco farming (11191)	46	–	–	–	–	–	7
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	267	4	24	25	2	20	33
Beef cattle ranching and farming (112111)	51	–	7	4	1	4	13
Cattle feedlots (112112)	6	1	1	1	–	–	–
Dairy cattle and milk production (11212)	327	1	34	31	–	12	77
Hog and pig farming (1122)	43	–	3	12	–	–	–
Poultry and egg production (1123)	48	–	3	2	–	3	5
Sheep and goat farming (1124)	5	–	1	–	–	–	2
Animal aquaculture and other animal production (1125, 1129)	105	18	9	6	3	13	6
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997..	608	3	63	69	4	28	119
1992..	709	2	71	73	5	32	135
number, 1997..	52 002	(D)	8 097	6 663	(D)	2 234	10 413
1992..	58 526	(D)	8 952	6 235	63	2 230	11 731
Cows and heifers that had calved ..... farms, 1997..	536	2	56	57	4	23	110
1992..	632	2	68	58	4	30	121
number, 1997..	29 288	(D)	4 311	4 046	(D)	1 208	5 866
1992..	33 921	(D)	4 975	3 987	(D)	1 316	6 747
Beef cows ..... farms, 1997..	220	1	20	27	4	11	33
1992..	239	1	20	27	2	17	32
number, 1997..	2 782	(D)	263	396	(D)	265	258
1992..	3 323	(D)	405	471	(D)	230	263
Milk cows ..... farms, 1997..	367	1	42	35	–	13	83
1992..	468	1	53	40	2	16	95
number, 1997..	26 506	(D)	4 048	3 650	–	943	5 608
1992..	30 598	(D)	4 570	3 516	(D)	1 086	6 484
Heifers and heifer calves ..... farms, 1997..	481	3	57	51	4	21	100
number, 1997..	19 590	(D)	3 450	1 706	(D)	938	4 217
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	372	1	43	55	3	14	59
number, 1997..	3 124	(D)	336	911	(D)	88	330
Cattle and calves sold ..... farms, 1997..	563	3	60	61	4	25	111
1992..	662	2	68	71	6	29	128
number, 1997..	21 630	(D)	3 216	3 018	(D)	1 126	4 125
1992..	26 422	(D)	3 276	4 597	(D)	791	4 685
Calves ..... farms, 1997..	410	2	43	43	–	17	96
number, 1997..	12 178	(D)	1 877	1 431	–	476	2 640
Cattle ..... farms, 1997..	499	2	54	49	4	20	99
1992..	584	1	59	62	6	23	118
number, 1997..	9 452	(D)	1 339	1 587	(D)	650	1 485
1992..	12 269	(D)	1 132	3 288	(D)	365	1 699
Fattened on grain and concentrates ..... farms, 1997..	32	1	5	5	1	2	–
number, 1997..	910	(D)	50	(D)	(D)	(D)	–
Hogs and pigs inventory ..... farms, 1997..	141	–	13	27	1	7	6
1992..	143	1	5	23	2	13	16
number, 1997..	14 804	–	604	3 510	(D)	71	28
1992..	13 721	(D)	107	3 217	(D)	342	211
Used or to be used for breeding ..... farms, 1997..	79	–	8	17	–	2	1
1992..	91	1	5	15	2	4	9
number, 1997..	1 703	–	121	362	–	(D)	(D)
1992..	2 045	(D)	(D)	406	(D)	34	59
Other ..... farms, 1997..	130	–	13	27	1	7	5
1992..	136	–	4	22	2	13	16
number, 1997..	13 101	–	483	3 148	(D)	(D)	(D)
1992..	11 676	–	(D)	2 811	(D)	308	152
Hogs and pigs sold ..... farms, 1997..	106	–	9	25	2	3	3
1992..	121	–	8	22	4	7	11
number, 1997..	20 117	–	1 353	3 615	(D)	(D)	52
1992..	22 201	–	295	5 720	302	588	474
Feeder pigs ..... farms, 1997..	32	–	6	7	–	–	1
1992..	44	–	3	4	2	1	6
number, 1997..	2 805	–	(D)	443	–	–	(D)
1992..	4 578	–	(D)	(D)	(D)	(D)	388

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997..	25	18	59	–	15	118	2	47
1992..	21	13	44	1	28	100	1	46
acres, 1997..	2 781	6 879	6 051	–	743	37 345	(D)	8 945
1992..	2 675	4 327	5 085	(D)	960	22 793	(D)	6 945
Other than family held ..... farms, 1997..	1	3	10	1	3	13	–	3
1992..	3	2	6	–	1	18	–	2
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
1992..	712	(D)	(D)	–	(D)	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997..	3	8	4	–	4	12	–	8
1992..	–	5	3	–	2	10	–	4
acres, 1997..	(D)	(D)	(D)	–	(D)	(D)	–	(D)
1992..	–	(D)	(D)	–	(D)	(D)	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	–	7	–	–	–	1	–	10
Vegetable and melon farming (1112)	32	66	66	–	19	26	–	53
Fruit and tree nut farming (1113)	19	11	18	1	6	374	–	41
Greenhouse, nursery, and floriculture production (1114)	41	34	92	9	37	49	5	103
Other crop farming (1119)	36	61	27	–	4	4	–	66
Tobacco farming (11191)	9	30	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	27	31	27	–	4	4	–	66
Beef cattle ranching and farming (112111)	1	3	5	–	1	2	–	10
Cattle feedlots (112112)	1	2	–	–	–	–	–	–
Dairy cattle and milk production (11212)	21	40	9	–	10	11	–	81
Hog and pig farming (1122)	–	3	7	–	2	4	–	12
Poultry and egg production (1123)	3	6	6	–	3	4	–	13
Sheep and goat farming (1124)	–	–	–	–	–	1	–	1
Animal aquaculture and other animal production (1125, 1129)	3	7	11	–	4	11	–	14
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997..	33	65	39	–	14	24	–	147
1992..	48	92	49	1	15	20	–	166
number, 1997..	2 805	6 179	2 062	–	661	1 826	–	10 936
1992..	3 617	7 273	2 648	(D)	761	1 414	–	13 557
Cows and heifers that had calved ..... farms, 1997..	28	60	31	–	13	23	–	129
1992..	48	77	42	–	13	17	–	152
number, 1997..	1 520	3 369	943	–	391	1 259	–	6 305
1992..	2 170	3 919	1 493	–	467	940	–	7 848
Beef cows ..... farms, 1997..	10	24	19	–	8	11	–	52
1992..	13	27	28	–	8	8	–	56
number, 1997..	179	237	228	–	(D)	175	–	647
1992..	261	350	428	–	99	203	–	603
Milk cows ..... farms, 1997..	21	43	15	–	10	13	–	91
1992..	39	58	25	–	8	11	–	120
number, 1997..	1 341	3 132	715	–	(D)	1 084	–	5 658
1992..	1 909	3 569	1 065	–	368	737	–	7 245
Heifers and heifer calves ..... farms, 1997..	24	52	27	–	11	14	–	117
number, 1997..	1 117	2 581	689	–	200	496	–	4 148
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	24	43	26	–	9	15	–	80
number, 1997..	168	229	430	–	70	71	–	483
Cattle and calves sold ..... farms, 1997..	28	66	31	–	14	21	–	139
1992..	44	88	42	–	13	15	–	156
number, 1997..	941	2 550	1 039	–	187	635	–	4 724
1992..	1 238	3 145	1 458	–	451	590	–	6 150
Calves ..... farms, 1997..	21	53	15	–	6	11	–	103
number, 1997..	572	1 453	364	–	(D)	409	–	2 868
Cattle ..... farms, 1997..	27	63	25	–	14	20	–	122
1992..	38	77	38	–	10	15	–	137
number, 1997..	369	1 097	675	–	(D)	226	–	1 856
1992..	596	1 481	767	–	373	220	–	2 331
Fattened on grain and concentrates ..... farms, 1997..	1	5	3	–	1	–	–	8
number, 1997..	(D)	47	(D)	–	(D)	–	–	53
Hogs and pigs inventory ..... farms, 1997..	4	10	22	–	7	8	–	36
1992..	9	14	15	–	9	6	–	30
number, 1997..	(D)	1 843	3 828	–	(D)	1 351	–	2 502
1992..	311	2 598	1 138	–	578	2 281	–	2 904
Used or to be used for breeding ..... farms, 1997..	1	4	7	–	6	6	–	27
1992..	4	9	9	–	6	6	–	21
number, 1997..	(D)	335	51	–	65	186	–	533
1992..	85	297	101	–	77	304	–	637
Other ..... farms, 1997..	4	9	20	–	7	8	–	29
1992..	8	14	13	–	9	6	–	29
number, 1997..	(D)	1 508	3 777	–	(D)	1 165	–	1 969
1992..	226	2 301	1 037	–	501	1 977	–	2 267
Hogs and pigs sold ..... farms, 1997..	3	7	18	–	4	8	–	24
1992..	4	12	12	–	7	7	–	27
number, 1997..	(D)	4 120	4 733	–	(D)	1 635	–	3 292
1992..	925	4 465	2 537	–	687	2 555	–	3 653
Feeder pigs ..... farms, 1997..	–	–	2	–	1	2	–	13
1992..	2	5	7	–	3	1	–	10
number, 1997..	–	–	(D)	–	(D)	(D)	–	657
1992..	(D)	(D)	515	–	(D)	(D)	–	626

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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997..	116	1	9	9	2	11	13
1992..	115	2	10	16	3	11	13
number, 1997..	2 442	(D)	152	114	(D)	203	220
1992..	3 394	(D)	149	321	(D)	305	194
Sheep and lambs sold ..... farms, 1997..	78	1	8	6	2	9	10
1992..	79	–	7	11	2	9	8
number, 1997..	1 977	(D)	123	93	(D)	159	122
1992..	3 134	–	124	336	(D)	147	144
Layers 20 weeks old and older inventory ..... farms, 1997..	145	5	10	12	2	12	10
1992..	140	3	7	13	6	10	17
number, 1997..	547 506	2 550	(D)	2 531	(D)	523	(D)
1992..	478 733	(D)	(D)	(D)	290	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	13	–	1	2	1	–	1
1992..	18	1	–	–	1	2	2
number, 1997..	(D)	–	(D)	(D)	(D)	–	(D)
1992..	123 829	(D)	–	–	(D)	(D)	(D)
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997..	73	–	11	14	1	4	8
1992..	73	2	10	9	–	3	13
acres, 1997..	4 834	–	(D)	(D)	(D)	102	622
1992..	4 591	(D)	1 008	262	–	(D)	(D)
bushels, 1997..	581 858	–	(D)	(D)	(D)	10 000	65 574
1992..	473 850	(D)	79 940	21 751	–	(D)	(D)
Corn for silage or green chop ..... farms, 1997..	323	1	31	40	–	11	67
1992..	401	2	38	52	–	18	80
acres, 1997..	21 827	(D)	3 408	2 474	–	(D)	4 160
1992..	24 381	(D)	3 929	2 756	–	1 175	4 500
tons, green, 1997..	431 351	(D)	67 020	64 965	–	(D)	89 931
1992..	449 097	(D)	65 478	48 703	–	21 585	97 350
Potatoes, excluding sweetpotatoes ..... farms, 1997..	71	3	5	6	2	5	14
1992..	75	3	3	2	6	3	16
acres, 1997..	2 951	4	(D)	(D)	(D)	(D)	883
1992..	3 479	4	(D)	(D)	(D)	(D)	833
cwt, 1997..	787 946	(D)	(D)	(D)	(D)	(D)	248 240
1992..	805 265	(D)	(D)	(D)	(D)	(D)	224 865
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	844	5	81	85	6	55	134
1992..	902	3	84	84	7	62	152
acres, 1997..	68 692	(D)	12 331	3 953	239	4 696	10 198
1992..	71 838	(D)	10 596	4 050	130	5 066	10 935
tons, dry, 1997..	139 961	(D)	26 320	9 082	527	9 434	19 789
1992..	165 475	(D)	26 352	9 526	267	10 373	28 714
Vegetables harvested for sale (see text) ..... farms, 1997..	691	16	31	82	4	71	63
1992..	645	17	28	85	11	66	62
acres, 1997..	15 480	158	616	2 164	65	1 326	1 405
1992..	15 510	235	515	2 766	(D)	1 765	1 508
Land in orchards ..... farms, 1997..	210	8	4	23	1	16	17
1992..	226	5	9	21	2	24	21
acres, 1997..	5 788	(D)	94	267	(D)	347	524
1992..	6 449	(D)	171	192	(D)	327	906

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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997..	5	13	17	–	8	7	–	21
1992..	8	10	12	–	8	4	–	18
number, 1997..	46	749	234	–	141	98	–	391
1992..	156	1 092	246	–	235	36	–	580
Sheep and lambs sold ..... farms, 1997..	3	10	7	–	5	5	–	12
1992..	6	9	7	–	6	2	–	12
number, 1997..	27	749	190	–	91	67	–	269
1992..	131	969	253	–	178	(D)	–	688
Layers 20 weeks old and older inventory ..... farms, 1997..	7	16	17	–	7	11	–	36
1992..	9	13	19	–	11	9	–	23
number, 1997..	236	2 506	7 894	–	3 552	295	–	469 647
1992..	(D)	2 876	18 731	–	5 529	1 666	–	347 467
Broilers and other meat-type chickens sold ..... farms, 1997..	1	1	3	–	–	2	–	1
1992..	4	1	3	–	–	2	–	2
number, 1997..	(D)	(D)	(D)	–	–	(D)	–	(D)
1992..	45 200	(D)	4 800	–	–	(D)	–	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997..	5	16	5	–	–	4	–	5
1992..	5	21	4	–	–	–	–	6
acres, 1997..	(D)	1 945	(D)	–	–	(D)	–	115
1992..	114	1 993	(D)	–	–	–	–	145
bushels, 1997..	(D)	267 502	(D)	–	–	(D)	–	13 310
1992..	9 630	239 271	(D)	–	–	–	–	7 640
Corn for silage or green chop ..... farms, 1997..	21	42	14	–	8	16	–	72
1992..	28	57	23	–	3	13	–	87
acres, 1997..	1 595	2 877	540	–	(D)	(D)	–	4 214
1992..	2 044	2 475	969	–	(D)	1 310	–	5 096
tons, green, 1997..	27 780	51 671	10 565	–	(D)	(D)	–	78 232
1992..	36 696	43 476	17 335	–	(D)	26 141	–	89 753
Potatoes, excluding sweetpotatoes ..... farms, 1997..	2	16	7	1	2	3	–	5
1992..	1	19	6	2	2	7	–	5
acres, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–	7
1992..	(D)	(D)	(D)	(D)	(D)	26	–	(D)
cwt, 1997..	(D)	(D)	(D)	(D)	(D)	(D)	–	1 190
1992..	(D)	(D)	(D)	(D)	(D)	4 530	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	56	102	64	2	16	37	–	201
1992..	61	109	76	2	22	29	–	211
acres, 1997..	4 360	7 773	4 919	(D)	1 253	2 153	–	16 696
1992..	3 909	8 527	6 465	(D)	1 608	2 267	–	18 206
tons, dry, 1997..	9 071	16 126	9 021	(D)	2 245	5 250	–	32 851
1992..	9 072	18 468	13 666	(D)	3 592	4 108	–	41 097
Vegetables harvested for sale (see text) ..... farms, 1997..	53	96	100	3	25	36	1	110
1992..	51	80	85	2	21	34	–	103
acres, 1997..	1 201	2 957	2 264	(D)	449	737	(D)	2 041
1992..	1 442	2 049	2 042	(D)	336	903	–	1 725
Land in orchards ..... farms, 1997..	21	19	27	1	5	7	–	61
1992..	24	17	26	–	5	10	–	62
acres, 1997..	620	359	776	(D)	101	44	–	2 638
1992..	642	674	719	–	97	67	–	2 577

[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	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Harvested cropland ..... farms, 1997..	4 587	170	319	452	47	326	434
1992..	4 417	131	274	433	47	285	455
acres, 1997..	168 765	2 111	21 725	13 145	830	10 031	22 069
1992..	173 255	1 447	20 676	13 257	745	10 257	23 897
Irrigated ..... farms, 1997..	1 614	136	36	159	22	114	76
1992..	1 327	107	27	145	21	95	59
acres, 1997..	24 269	1 812	111	(D)	94	(D)	(D)
1992..	19 622	(D)	78	1 753	98	906	(D)
Corn for grain or seed ..... farms, 1997..	99	1	13	16	1	10	12
1992..	111	2	10	15	1	3	15
acres, 1997..	4 951	(D)	1 455	394	(D)	116	663
1992..	4 893	(D)	1 008	298	(D)	(D)	840
bushels, 1997..	590 748	(D)	180 992	23 380	(D)	10 615	68 524
1992..	488 921	(D)	79 940	24 026	(D)	(D)	111 081
Irrigated ..... farms, 1997..	16	–	–	4	–	3	–
1992..	5	2	–	1	–	–	–
acres, 1997..	139	–	–	26	–	7	–
1992..	54	(D)	–	(D)	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	58	1	3	10	1	8	6
25 to 99 acres	23	–	3	5	–	2	2
100 to 249 acres	13	–	5	1	–	–	4
250 to 499 acres	5	–	2	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Corn for silage or green chop ..... farms, 1997..	403	1	39	65	–	12	76
1992..	531	2	49	76	1	21	98
acres, 1997..	22 813	(D)	3 492	2 795	–	606	4 297
1992..	25 861	(D)	4 149	3 043	(D)	1 193	4 648
tons, green, 1997..	445 811	(D)	67 630	69 735	–	10 089	92 219
1992..	470 201	(D)	68 376	53 310	(D)	21 965	99 814
Irrigated ..... farms, 1997..	8	–	–	4	–	–	–
1992..	9	–	–	2	–	–	1
acres, 1997..	49	–	–	(D)	–	–	–
1992..	46	–	–	(D)	–	–	(D)
1997 farms by acres harvested:							
1 to 24 acres	169	–	14	31	–	2	34
25 to 99 acres	157	1	11	26	–	8	31
100 to 249 acres	68	–	11	7	–	2	10
250 to 499 acres	6	–	1	1	–	–	1
500 acres or more	3	–	2	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms, 1997..	93	6	7	6	4	6	17
1992..	102	3	6	6	8	5	23
acres, 1997..	2 964	4	3	(D)	3	4	888
1992..	3 520	4	(D)	(D)	8	9	851
cwt, 1997..	789 847	381	324	(D)	(D)	422	248 760
1992..	812 469	(D)	(D)	(D)	1 906	1 676	228 703
Irrigated ..... farms, 1997..	40	4	3	3	3	1	8
1992..	24	2	–	1	4	2	2
acres, 1997..	400	2	(Z)	(D)	(D)	(D)	298
1992..	259	(D)	–	(D)	2	(D)	(D)
1997 farms by acres harvested:							
0.1 to 4.9 acres	64	6	7	4	4	6	6
5.0 to 24.9 acres	17	–	–	1	–	–	7
25.0 to 99.9 acres	6	–	–	1	–	–	2
100.0 to 249.9 acres	2	–	–	–	–	–	–
250.0 to 499.9 acres	3	–	–	–	–	–	2
500.0 acres or more	1	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	2 168	8	217	215	17	154	286
1992..	2 269	7	215	202	22	136	332
acres, 1997..	100 218	(D)	16 843	6 681	734	6 982	14 018
1992..	103 596	(D)	15 478	6 026	531	6 641	14 906
tons, dry, 1997..	181 885	(D)	31 866	12 487	1 168	12 031	24 519
1992..	213 589	(D)	33 264	12 752	1 137	12 426	35 062
Irrigated ..... farms, 1997..	31	1	–	3	1	5	2
1992..	29	1	1	1	1	2	1
acres, 1997..	490	(D)	–	13	(D)	(D)	(D)
1992..	391	(D)	(D)	(D)	(D)	(D)	(D)
1997 farms by acres harvested:							
1 to 24 acres	1 077	6	90	128	9	87	110
25 to 99 acres	805	2	74	73	6	48	134
100 to 249 acres	237	–	38	14	2	15	37
250 to 499 acres	45	–	11	–	–	4	5
500 acres or more	4	–	4	–	–	–	–
Vegetables harvested for sale (see text) ..... farms, 1997..	935	32	50	105	10	91	78
1992..	995	26	52	120	16	95	93
acres, 1997..	16 039	178	677	2 210	(D)	1 362	1 429
1992..	16 577	246	580	2 918	(D)	1 845	1 563
Irrigated ..... farms, 1997..	403	25	8	50	8	43	26
1992..	281	18	5	42	9	33	19
acres, 1997..	5 721	145	14	931	53	653	658
1992..	4 507	202	(D)	755	62	657	619
1997 farms by acres harvested:							
0.1 to 4.9 acres	429	23	23	45	7	39	39
5.0 to 24.9 acres	322	7	17	40	2	35	28
25.0 to 99.9 acres	158	2	9	15	1	17	8
100.0 to 249.9 acres	23	–	1	4	–	–	2
250.0 to 499.9 acres	3	–	–	1	–	–	1
500.0 acres or more	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Harvested cropland ..... farms, 1997..	352	437	432	13	137	642	5	821
1992..	323	456	428	12	145	594	2	832
acres, 1997..	11 663	21 276	11 992	(D)	2 763	17 573	(D)	33 232
1992..	10 842	22 699	13 972	(D)	3 185	16 578	(D)	35 274
Irrigated ..... farms, 1997..	83	71	184	13	67	490	3	160
1992..	66	50	142	10	53	450	2	100
acres, 1997..	1 095	697	1 533	332	326	12 012	3	1 252
1992..	(D)	(D)	(D)	404	252	10 762	(D)	710
Corn for grain or seed ..... farms, 1997..	7	20	6	–	–	5	–	8
1992..	12	29	8	–	–	1	–	15
acres, 1997..	125	1 970	71	–	–	(D)	–	127
1992..	142	2 089	220	–	–	(D)	–	226
bushels, 1997..	10 130	270 407	8 600	–	–	(D)	–	14 510
1992..	10 500	246 182	4 552	–	–	(D)	–	9 905
Irrigated ..... farms, 1997..	–	2	3	–	–	2	–	2
1992..	1	–	–	–	–	1	–	–
acres, 1997..	–	(D)	35	–	–	(D)	–	(D)
1992..	(D)	–	–	–	–	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres	5	7	6	–	–	5	–	6
25 to 99 acres	2	7	–	–	–	–	–	2
100 to 249 acres	–	3	–	–	–	–	–	–
250 to 499 acres	–	3	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Corn for silage or green chop ..... farms, 1997..	25	56	17	–	10	17	–	85
1992..	40	79	32	–	4	20	–	109
acres, 1997..	1 673	3 013	576	–	(D)	1 737	–	4 381
1992..	2 150	2 671	1 046	–	131	1 369	–	5 415
tons, green, 1997..	29 035	53 484	11 080	–	(D)	27 607	–	81 000
1992..	38 430	45 890	18 543	–	2 415	27 419	–	93 184
Irrigated ..... farms, 1997..	–	2	–	–	–	–	–	2
1992..	1	–	2	–	–	3	–	–
acres, 1997..	–	(D)	–	–	–	–	–	(D)
1992..	(D)	–	(D)	–	–	3	–	–
1997 farms by acres harvested:								
1 to 24 acres	7	26	9	–	5	9	–	32
25 to 99 acres	10	18	7	–	5	4	–	36
100 to 249 acres	8	10	1	–	–	2	–	17
250 to 499 acres	–	2	–	–	–	1	–	–
500 acres or more	–	–	–	–	–	1	–	–
Potatoes, excluding sweetpotatoes ..... farms, 1997..	2	17	9	1	3	5	–	10
1992..	2	21	8	2	2	10	–	6
acres, 1997..	(D)	1 896	27	(D)	3	10	–	9
1992..	(D)	2 391	11	(D)	(D)	29	–	16
cwt, 1997..	(D)	507 586	1 957	(D)	(D)	1 085	–	1 549
1992..	(D)	527 471	1 390	(D)	(D)	4 758	–	3 434
Irrigated ..... farms, 1997..	–	3	8	1	–	2	–	4
1992..	–	1	3	2	–	6	–	1
acres, 1997..	–	(D)	6	(D)	–	(D)	–	4
1992..	–	(D)	(D)	(D)	–	3	–	(D)
1997 farms by acres harvested:								
0.1 to 4.9 acres	–	6	8	–	3	4	–	10
5.0 to 24.9 acres	2	4	1	1	–	1	–	–
25.0 to 99.9 acres	–	3	–	–	–	–	–	–
100.0 to 249.9 acres	–	2	–	–	–	–	–	–
250.0 to 499.9 acres	–	1	–	–	–	–	–	–
500.0 acres or more	–	1	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	181	234	176	2	51	104	–	523
1992..	173	268	184	2	71	102	–	555
acres, 1997..	7 004	11 071	7 119	(D)	1 884	3 465	–	24 286
1992..	5 834	12 920	9 106	(D)	2 517	3 700	–	25 848
tons, dry, 1997..	12 935	20 845	12 517	(D)	2 877	7 260	–	43 123
1992..	12 438	24 964	17 003	(D)	4 871	6 521	–	52 902
Irrigated ..... farms, 1997..	5	1	2	–	3	3	–	5
1992..	3	1	11	–	3	3	–	1
acres, 1997..	23	(D)	(D)	–	8	(D)	–	88
1992..	66	(D)	173	–	9	(D)	–	(D)
1997 farms by acres harvested:								
1 to 24 acres	98	109	93	2	29	59	–	257
25 to 99 acres	65	94	64	–	16	38	–	191
100 to 249 acres	17	28	14	–	6	6	–	60
250 to 499 acres	1	3	5	–	–	1	–	15
500 acres or more	–	–	–	–	–	–	–	–
Vegetables harvested for sale (see text) ..... farms, 1997..	66	124	139	4	40	56	1	139
1992..	70	135	136	3	28	60	–	161
acres, 1997..	1 221	3 058	2 357	98	508	781	(D)	2 092
1992..	1 505	2 214	2 265	(D)	360	973	–	1 880
Irrigated ..... farms, 1997..	23	32	78	4	22	35	–	49
1992..	20	17	52	3	11	20	–	32
acres, 1997..	381	424	1 035	98	137	561	–	633
1992..	379	203	790	(D)	155	224	–	330
1997 farms by acres harvested:								
0.1 to 4.9 acres	27	46	62	1	24	29	1	63
5.0 to 24.9 acres	23	46	43	2	12	18	–	49
25.0 to 99.9 acres	15	25	30	1	3	7	–	25
100.0 to 249.9 acres	1	6	4	–	1	2	–	2
250.0 to 499.9 acres	–	1	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Land in orchards ..... farms, 1997..	431	13	16	47	5	26	41
1992..	525	10	19	50	4	41	57
acres, 1997..	6 546	26	141	353	(D)	369	590
1992..	7 848	78	193	341	(D)	369	1 050
Irrigated ..... farms, 1997..	73	5	1	9	2	7	4
1992..	60	4	2	7	–	10	9
acres, 1997..	584	2	(D)	34	(D)	22	17
1992..	476	(D)	(D)	34	–	32	33
1997 farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	228	9	11	25	4	13	25
5.0 to 24.9 acres	134	4	3	18	1	7	10
25.0 to 99.9 acres	55	–	2	4	–	6	5
100.0 to 249.9 acres	13	–	–	–	–	–	1
250.0 to 499.9 acres	1	–	–	–	–	–	–
500.0 acres or more	–	–	–	–	–	–	–

Crop	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Land in orchards ..... farms, 1997..	43	39	56	1	10	20	–	114
1992..	57	44	53	1	15	41	–	133
acres, 1997..	711	408	902	(D)	108	86	–	2 838
1992..	825	733	819	(D)	122	211	–	3 086
Irrigated ..... farms, 1997..	5	5	15	1	2	5	–	12
1992..	2	3	4	1	3	8	–	7
acres, 1997..	48	8	135	(D)	(D)	24	–	212
1992..	(D)	1	(D)	(D)	12	39	–	192
1997 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	20	27	26	–	6	11	–	51
5.0 to 24.9 acres	14	8	19	1	3	9	–	37
25.0 to 99.9 acres	9	3	9	–	1	–	–	16
100.0 to 249.9 acres	–	1	2	–	–	–	–	9
250.0 to 499.9 acres	–	–	–	–	–	–	–	1
500.0 acres or more	–	–	–	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Cattle and calves ..... farms, 1997..	1 420	11	160	159	15	68	230
1992..	1 565	5	164	163	15	63	244
number, 1997..	61 719	69	9 468	8 032	290	2 767	11 996
1992..	68 331	(D)	10 321	7 311	259	2 643	13 063
Farms by inventory:							
1 to 9 ..... farms, 1997..	545	10	57	59	5	26	67
1992..	605	4	44	71	4	27	76
number, 1997..	2 517	(D)	284	284	(D)	94	319
1992..	2 824	(D)	(D)	375	10	119	(D)
10 to 19 ..... farms, 1997..	298	–	29	27	5	16	52
1992..	287	–	34	25	6	12	41
number, 1997..	4 004	–	368	358	60	217	702
1992..	3 867	–	448	347	77	161	528
20 to 49 ..... farms, 1997..	237	1	33	29	3	11	35
1992..	266	1	34	23	4	7	42
number, 1997..	7 312	(D)	1 087	930	(D)	365	1 068
1992..	8 305	(D)	1 014	686	(D)	225	1 283
50 to 99 ..... farms, 1997..	178	–	15	28	2	6	41
1992..	204	–	22	25	1	3	47
number, 1997..	12 252	–	1 116	1 810	(D)	477	3 007
1992..	14 271	–	1 535	1 717	(D)	(D)	3 356
100 to 199 ..... farms, 1997..	95	–	14	11	–	6	23
1992..	145	–	17	14	–	13	26
number, 1997..	13 183	–	1 922	1 375	–	824	3 226
1992..	19 945	–	2 415	1 868	–	1 660	3 389
200 to 499 ..... farms, 1997..	59	–	9	2	–	3	12
1992..	53	–	11	3	–	1	11
number, 1997..	16 462	–	2 453	(D)	–	790	3 674
1992..	15 408	–	3 067	(D)	–	(D)	3 301
500 or more ..... farms, 1997..	8	–	3	3	–	–	–
1992..	5	–	2	2	–	–	1
number, 1997..	5 989	–	2 238	(D)	–	–	–
1992..	3 711	–	(D)	(D)	–	–	(D)
Cows and heifers that had calved ..... farms, 1997..	1 173	7	140	123	10	61	192
1992..	1 314	5	147	125	13	53	206
number, 1997..	33 704	39	5 008	4 605	102	1 501	6 444
1992..	38 253	38	5 647	4 492	133	1 494	7 213
Beef cows ..... farms, 1997..	799	6	92	92	8	46	105
1992..	850	3	92	93	9	39	100
number, 1997..	6 858	(D)	892	937	(D)	553	745
1992..	7 347	(D)	1 030	963	(D)	398	651
1997 farms by inventory:							
1 to 9 ..... farms..	564	6	56	62	4	27	84
number..	2 101	(D)	(D)	244	(D)	(D)	302
10 to 19 ..... farms..	141	–	20	14	2	10	12
number..	1 812	–	258	(D)	(D)	125	(D)
20 to 49 ..... farms..	85	–	15	15	2	8	8
number..	2 374	–	373	437	(D)	235	229
50 to 99 ..... farms..	8	–	1	1	–	–	1
number..	(D)	–	(D)	(D)	–	–	(D)
100 to 199 ..... farms..	1	–	–	–	–	1	–
number..	(D)	–	–	–	–	(D)	–
200 to 499 ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	483	2	68	41	3	16	102
1992..	606	2	69	48	5	20	125
number, 1997..	26 846	(D)	4 116	3 668	(D)	948	5 699
1992..	30 906	(D)	4 617	3 529	(D)	1 096	6 562
1997 farms by inventory:							
1 to 9 ..... farms..	149	1	31	8	3	4	22
number..	388	(D)	83	23	(D)	8	57
10 to 19 ..... farms..	27	–	4	–	–	1	3
number..	(D)	–	57	–	–	(D)	52
20 to 49 ..... farms..	116	1	4	10	–	1	35
number..	4 121	(D)	159	383	–	(D)	1 315
50 to 99 ..... farms..	103	–	16	13	–	7	24
number..	6 962	–	1 106	779	–	535	1 537
100 to 199 ..... farms..	67	–	8	6	–	3	12
number..	8 588	–	1 126	683	–	(D)	1 433
200 to 499 ..... farms..	19	–	5	3	–	–	6
number..	5 112	–	1 585	(D)	–	–	1 305
500 or more ..... farms..	2	–	–	1	–	–	–
number..	(D)	–	–	(D)	–	–	–
Heifers and heifer calves..... farms, 1997..	979	9	120	107	11	43	173
1992..	1 103	4	117	98	10	47	191
number, 1997..	22 688	21	3 869	2 096	116	1 084	4 864
1992..	23 573	14	4 071	1 758	63	833	5 210
1997 farms by inventory:							
1 to 9 ..... farms..	515	8	59	62	6	22	65
number..	(D)	(D)	199	241	22	88	(D)
10 to 19 ..... farms..	162	1	19	21	3	8	33
number..	2 193	(D)	244	283	(D)	95	455
20 to 49 ..... farms..	175	–	19	19	2	6	46
number..	5 317	–	614	649	(D)	188	1 481
50 to 99 ..... farms..	79	–	13	2	–	4	19
number..	5 474	–	930	(D)	–	253	1 229
100 to 199 ..... farms..	38	–	7	1	–	2	9
number..	4 979	–	842	(D)	–	(D)	1 243
200 to 499 ..... farms..	9	–	2	2	–	1	1
number..	2 365	–	(D)	(D)	–	(D)	(D)
500 or more ..... farms..	1	–	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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Cattle and calves ..... farms, 1997..	101	147	93	–	42	65	–	329
1992..	130	198	106	1	44	69	–	363
number, 1997..	3 555	7 170	2 569	–	901	2 126	–	12 776
1992..	4 314	8 590	3 185	(D)	1 077	1 776	–	15 729
Farms by inventory:								
1 to 9 ..... farms, 1997..	40	51	49	–	17	36	–	128
1992..	66	63	56	1	20	45	–	128
number, 1997..	177	(D)	226	–	79	159	–	592
1992..	292	318	249	(D)	94	196	–	578
10 to 19 ..... farms, 1997..	25	27	20	–	12	13	–	72
1992..	20	45	17	–	11	7	–	69
number, 1997..	351	351	289	–	149	170	–	989
1992..	269	623	207	–	168	91	–	948
20 to 49 ..... farms, 1997..	21	31	13	–	5	5	–	50
1992..	20	38	20	–	4	6	–	67
number, 1997..	663	968	342	–	176	128	–	1 452
1992..	691	1 264	639	–	122	(D)	–	2 068
50 to 99 ..... farms, 1997..	4	19	5	–	8	6	–	44
1992..	11	25	3	–	9	6	–	52
number, 1997..	285	1 197	(D)	–	497	411	–	3 004
1992..	776	1 734	210	–	693	413	–	3 557
100 to 199 ..... farms, 1997..	7	9	1	–	–	4	–	20
1992..	10	21	5	–	–	4	–	35
number, 1997..	908	1 445	(D)	–	–	(D)	–	2 768
1992..	1 407	2 937	624	–	–	658	–	4 987
200 to 499 ..... farms, 1997..	4	9	5	–	–	–	–	15
1992..	3	6	5	–	–	1	–	12
number, 1997..	1 171	2 328	(D)	–	–	–	–	3 971
1992..	879	1 714	1 256	–	–	(D)	–	3 591
500 or more ..... farms, 1997..	–	1	–	–	–	1	–	–
1992..	–	–	–	–	–	–	–	–
number, 1997..	–	(D)	–	–	–	(D)	–	–
1992..	–	–	–	–	–	–	–	–
Cows and heifers that had calved ..... farms, 1997..	86	124	76	–	34	49	–	271
1992..	115	158	89	–	40	53	–	310
number, 1997..	1 911	3 796	1 243	–	515	1 364	–	7 176
1992..	2 497	4 426	1 785	–	640	1 122	–	8 766
Beef cows ..... farms, 1997..	62	81	61	–	28	34	–	184
1992..	74	97	72	–	30	39	–	202
number, 1997..	527	641	517	–	205	265	–	1 472
1992..	567	807	707	–	260	374	–	1 477
1997 farms by inventory:								
1 to 9 ..... farms..	44	60	40	–	19	29	–	133
number..	173	240	135	–	(D)	98	–	528
10 to 19 ..... farms..	14	10	14	–	7	3	–	35
number..	176	124	190	–	92	(D)	–	(D)
20 to 49 ..... farms..	3	11	7	–	2	–	–	14
number..	(D)	277	192	–	(D)	–	–	423
50 to 99 ..... farms..	1	–	–	–	–	2	–	2
number..	(D)	–	–	–	–	(D)	–	(D)
100 to 199 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
200 to 499 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Milk cows ..... farms, 1997..	33	55	19	–	15	22	–	107
1992..	50	78	33	–	14	18	–	144
number, 1997..	1 384	3 155	726	–	310	1 099	–	5 704
1992..	1 930	3 619	1 078	–	380	748	–	7 289
1997 farms by inventory:								
1 to 9 ..... farms..	12	16	10	–	5	11	–	26
number..	(D)	34	26	–	13	24	–	(D)
10 to 19 ..... farms..	2	5	1	–	3	1	–	7
number..	(D)	66	(D)	–	32	(D)	–	95
20 to 49 ..... farms..	10	15	–	–	6	6	–	28
number..	311	533	–	–	(D)	222	–	922
50 to 99 ..... farms..	5	5	5	–	1	1	–	26
number..	370	420	(D)	–	(D)	(D)	–	1 747
100 to 199 ..... farms..	4	11	3	–	–	2	–	18
number..	630	1 320	358	–	–	(D)	–	2 430
200 to 499 ..... farms..	–	3	–	–	–	–	–	2
number..	–	782	–	–	–	–	–	(D)
500 or more ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
Heifers and heifer calves ..... farms, 1997..	67	111	57	–	29	37	–	215
1992..	89	160	59	–	32	49	–	247
number, 1997..	1 332	3 007	802	–	254	605	–	4 638
1992..	1 493	3 310	936	–	327	476	–	5 082
1997 farms by inventory:								
1 to 9 ..... farms..	38	55	42	–	21	24	–	113
number..	123	(D)	122	–	66	(D)	–	447
10 to 19 ..... farms..	12	18	8	–	4	6	–	29
number..	163	249	101	–	(D)	94	–	(D)
20 to 49 ..... farms..	9	20	2	–	3	3	–	46
number..	255	627	(D)	–	76	76	–	1 255
50 to 99 ..... farms..	5	10	3	–	1	3	–	19
number..	329	729	254	–	(D)	163	–	1 397
100 to 199 ..... farms..	3	7	2	–	–	–	–	7
number..	462	902	(D)	–	–	–	–	886
200 to 499 ..... farms..	–	1	–	–	–	1	–	1
number..	–	(D)	–	–	–	(D)	–	(D)
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	902	4	107	124	14	35	135
1992..	977	5	106	114	8	35	142
number, 1997..	5 327	9	591	1 331	72	182	688
1992..	6 505	(D)	603	1 061	63	316	640
1997 farms by inventory:							
1 to 9 ..... farms..	778	4	89	96	12	29	117
number..	2 254	9	275	302	(D)	86	340
10 to 19 ..... farms..	82	–	10	15	1	5	15
number..	997	–	114	178	(D)	(D)	182
20 to 49 ..... farms..	33	–	8	8	1	1	2
number..	840	–	202	193	(D)	(D)	(D)
50 to 99 ..... farms..	5	–	–	3	–	–	–
number..	314	–	–	(D)	–	–	–
100 to 199 ..... farms..	2	–	–	1	–	–	1
number..	(D)	–	–	(D)	–	–	(D)
200 to 499 ..... farms..	2	–	–	1	–	–	–
number..	(D)	–	–	(D)	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
SALES							
Dairy products sold ..... farms, 1997..	353	1	43	36	–	13	79
1992..	475	1	54	41	4	15	99
$1,000, 1997..	59 773	(D)	9 578	7 053	–	(D)	12 200
1992..	60 430	(D)	9 766	5 865	17	2 261	(D)
Cattle and calves sold ..... farms, 1997..	1 158	8	133	134	11	52	200
1992..	1 271	5	135	141	14	54	210
number, 1997..	24 849	40	3 673	3 397	65	1 308	4 638
1992..	29 839	26	3 677	4 967	62	880	5 227
$1,000, 1997..	6 424	21	846	1 209	37	414	986
1992..	10 070	13	918	2 602	32	326	1 339
1997 farms by number sold:							
1 to 9 ..... farms..	628	6	73	75	10	26	83
number..	2 363	(D)	304	265	(D)	(D)	294
10 to 19 ..... farms..	202	2	16	26	–	11	42
number..	2 692	(D)	225	354	–	136	564
20 to 49 ..... farms..	194	–	23	20	1	6	52
number..	6 086	–	686	623	(D)	193	1 620
50 to 99 ..... farms..	93	–	12	8	–	8	15
number..	6 227	–	746	506	–	567	1 007
100 to 199 ..... farms..	29	–	5	2	–	–	8
number..	3 715	–	636	(D)	–	–	1 153
200 to 499 ..... farms..	11	–	4	2	–	1	–
number..	(D)	–	1 076	(D)	–	(D)	–
500 or more ..... farms..	1	–	–	1	–	–	–
number..	(D)	–	–	(D)	–	–	–
Calves sold ..... farms, 1997..	674	2	79	71	1	36	128
1992..	797	1	82	77	3	29	147
number, 1997..	13 485	(D)	2 049	1 558	(D)	594	2 831
1992..	15 533	(D)	2 300	1 448	20	452	3 225
$1,000, 1997..	814	(D)	109	94	(D)	40	166
1992..	1 815	(D)	201	246	(D)	61	281
1997 farms by number sold:							
1 to 9 ..... farms..	322	2	37	38	1	18	45
number..	1 159	(D)	(D)	144	(D)	65	178
10 to 19 ..... farms..	123	–	12	10	–	8	31
number..	1 630	–	160	(D)	–	106	426
20 to 49 ..... farms..	167	–	19	16	–	7	41
number..	5 084	–	571	476	–	244	1 239
50 to 99 ..... farms..	44	–	7	5	–	3	7
number..	2 814	–	465	260	–	179	525
100 to 199 ..... farms..	14	–	3	–	–	–	4
number..	1 729	–	442	–	–	–	463
200 to 499 ..... farms..	4	–	1	2	–	–	–
number..	1 069	–	(D)	(D)	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	970	7	116	106	10	37	171
1992..	1 092	4	113	120	14	46	183
number, 1997..	11 364	(D)	1 624	1 839	(D)	714	1 807
1992..	14 306	(D)	1 377	3 519	42	428	2 002
$1,000, 1997..	5 610	(D)	736	1 114	(D)	374	820
1992..	8 255	(D)	717	2 356	(D)	265	1 059
1997 farms by number sold:							
1 to 9 ..... farms..	649	6	73	72	9	21	102
number..	2 321	13	285	249	33	69	401
10 to 19 ..... farms..	179	1	21	18	–	6	48
number..	2 298	(D)	273	219	–	(D)	619
20 to 49 ..... farms..	108	–	14	9	1	8	16
number..	3 154	–	402	234	(D)	216	450
50 to 99 ..... farms..	25	–	5	6	–	1	5
number..	1 551	–	274	(D)	–	(D)	337
100 to 199 ..... farms..	6	–	3	–	–	–	–
number..	690	–	390	–	–	–	–
200 to 499 ..... farms..	2	–	–	–	–	1	–
number..	(D)	–	–	–	–	(D)	–
500 or more ..... farms..	1	–	–	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	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	69	92	66	–	28	41	–	187
1992..	78	134	73	1	29	39	–	213
number, 1997..	312	367	524	–	132	157	–	962
1992..	324	854	464	(D)	110	178	–	1 881
1997 farms by inventory:								
1 to 9 ..... farms..	63	82	60	–	25	39	–	162
number..	174	219	154	–	66	(D)	–	466
10 to 19 ..... farms..	3	8	4	–	1	2	–	18
number..	36	(D)	(D)	–	(D)	(D)	–	217
20 to 49 ..... farms..	3	2	1	–	2	–	–	5
number..	102	(D)	(D)	–	(D)	–	–	(D)
50 to 99 ..... farms..	–	–	–	–	–	–	–	2
number..	–	–	–	–	–	–	–	(D)
100 to 199 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
200 to 499 ..... farms..	–	–	1	–	–	–	–	–
number..	–	–	(D)	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
SALES								
Dairy products sold ..... farms, 1997..	22	43	10	–	10	11	–	85
1992..	37	60	19	–	12	12	–	121
$1,000, 1997..	(D)	7 038	2 082	–	589	2 764	–	12 873
1992..	3 670	7 273	2 497	–	785	1 512	–	14 247
Cattle and calves sold ..... farms, 1997..	76	125	69	–	34	47	–	269
1992..	97	160	78	–	37	48	–	292
number, 1997..	1 214	2 852	1 197	–	249	742	–	5 474
1992..	1 458	3 630	1 614	–	560	729	–	7 009
$1,000, 1997..	245	640	500	–	90	155	–	1 281
1992..	460	1 122	762	–	323	224	–	1 950
1997 farms by number sold:								
1 to 9 ..... farms..	46	63	45	–	28	32	–	141
number..	191	(D)	(D)	–	96	111	–	535
10 to 19 ..... farms..	13	26	13	–	2	5	–	46
number..	180	336	165	–	(D)	67	–	606
20 to 49 ..... farms..	11	19	5	–	4	7	–	46
number..	350	574	162	–	(D)	227	–	1 496
50 to 99 ..... farms..	4	12	4	–	–	2	–	28
number..	(D)	847	311	–	–	(D)	–	1 843
100 to 199 ..... farms..	2	3	1	–	–	–	–	8
number..	(D)	393	(D)	–	–	–	–	994
200 to 499 ..... farms..	–	2	1	–	–	1	–	–
number..	–	(D)	(D)	–	–	(D)	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Calves sold ..... farms, 1997..	47	85	29	–	8	16	–	172
1992..	64	112	41	–	9	25	–	207
number, 1997..	720	1 576	407	–	85	423	–	3 232
1992..	736	1 875	740	–	88	(D)	–	4 221
$1,000, 1997..	51	101	23	–	3	12	–	214
1992..	85	261	127	–	11	52	–	475
1997 farms by number sold:								
1 to 9 ..... farms..	26	41	21	–	5	7	–	81
number..	107	130	78	–	20	25	–	(D)
10 to 19 ..... farms..	8	19	1	–	1	3	–	30
number..	115	250	(D)	–	(D)	(D)	–	396
20 to 49 ..... farms..	10	19	5	–	2	4	–	44
number..	288	620	165	–	(D)	(D)	–	1 322
50 to 99 ..... farms..	2	3	1	–	–	1	–	15
number..	(D)	196	(D)	–	–	(D)	–	979
100 to 199 ..... farms..	1	3	1	–	–	–	–	2
number..	(D)	380	(D)	–	–	–	–	(D)
200 to 499 ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997..	60	109	56	–	32	42	–	224
1992..	81	137	69	–	34	44	–	247
number, 1997..	494	1 276	790	–	164	319	–	2 242
1992..	722	1 755	874	–	472	(D)	–	2 788
$1,000, 1997..	194	539	477	–	86	143	–	1 068
1992..	375	861	635	–	312	173	–	1 475
1997 farms by number sold:								
1 to 9 ..... farms..	44	74	36	–	27	31	–	154
number..	154	279	113	–	79	105	–	541
10 to 19 ..... farms..	8	18	14	–	3	7	–	35
number..	105	(D)	(D)	–	(D)	96	–	445
20 to 49 ..... farms..	8	13	5	–	2	4	–	28
number..	235	414	195	–	(D)	118	–	815
50 to 99 ..... farms..	–	1	–	–	–	–	–	7
number..	–	(D)	–	–	–	–	–	441
100 to 199 ..... farms..	–	3	–	–	–	–	–	–
number..	–	300	–	–	–	–	–	–
200 to 499 ..... farms..	–	–	1	–	–	–	–	–
number..	–	–	(D)	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold ..... farms, 1997..	117	3	17	14	1	6	16
1992..	224	2	9	44	5	9	29
number, 1997..	1 158	(D)	74	415	(D)	12	68
1992..	1 901	(D)	(D)	1 065	12	20	203
$1,000, 1997..	834	(D)	45	(D)	(D)	11	41
1992..	1 323	(D)	29	855	(D)	13	103
1997 farms by number sold:							
1 to 9 ..... farms..	103	2	14	11	1	6	15
number..	305	(D)	26	32	(D)	12	(D)
10 to 19 ..... farms..	6	1	2	1	–	–	1
number..	(D)	(D)	(D)	(D)	–	–	(D)
20 to 49 ..... farms..	6	–	1	1	–	–	–
number..	124	–	(D)	(D)	–	–	–
50 to 99 ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
100 to 199 ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
200 to 499 ..... farms..	2	–	–	1	–	–	–
number..	(D)	–	–	(D)	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997..	12	12	6	–	6	4	–	20
1992..	17	25	22	–	15	9	–	38
number, 1997..	65	66	(D)	–	19	12	–	86
1992..	40	147	87	–	46	26	–	192
$1,000, 1997..	34	36	(D)	–	17	6	–	67
1992..	24	78	48	–	28	19	–	115
1997 farms by number sold:								
1 to 9 ..... farms..	10	10	5	–	6	4	–	19
number..	(D)	(D)	17	–	19	12	–	(D)
10 to 19 ..... farms..	1	–	–	–	–	–	–	–
number..	(D)	–	–	–	–	–	–	–
20 to 49 ..... farms..	1	2	–	–	–	–	–	1
number..	(D)	(D)	–	–	–	–	–	(D)
50 to 99 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
100 to 199 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
200 to 499 ..... farms..	–	–	1	–	–	–	–	–
number..	–	–	(D)	–	–	–	–	–
500 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Hogs and pigs ..... farms, 1997..	383	2	42	60	11	24	38
1992..	404	4	30	54	8	24	45
number, 1997..	18 297	(D)	833	4 504	106	278	(D)
1992..	16 439	16	251	4 050	95	459	348
Farms by inventory:							
1 to 24 ..... farms, 1997..	286	1	35	31	11	19	37
1992..	312	4	27	34	7	19	41
number, 1997..	1 600	(D)	145	(D)	106	(D)	(D)
1992..	1 722	16	145	255	(D)	74	211
25 to 49 ..... farms, 1997..	35	1	3	7	–	4	1
1992..	39	–	2	2	1	2	3
number, 1997..	(D)	(D)	(D)	251	–	125	(D)
1992..	1 364	–	(D)	(D)	(D)	(D)	(D)
50 to 99 ..... farms, 1997..	21	–	1	6	–	1	–
1992..	16	–	1	4	–	2	1
number, 1997..	1 474	–	(D)	427	–	(D)	–
1992..	(D)	–	(D)	323	–	(D)	(D)
100 to 199 ..... farms, 1997..	17	–	3	6	–	–	–
1992..	14	–	–	5	–	–	–
number, 1997..	2 248	–	508	750	–	–	–
1992..	1 941	–	–	770	–	–	–
200 to 499 ..... farms, 1997..	15	–	–	9	–	–	–
1992..	16	–	–	8	–	1	–
number, 1997..	3 515	–	–	2 240	–	–	–
1992..	4 329	–	–	2 025	–	(D)	–
500 to 999 ..... farms, 1997..	6	–	–	1	–	–	–
1992..	5	–	–	1	–	–	–
number, 1997..	3 709	–	–	(D)	–	–	–
1992..	3 480	–	–	(D)	–	–	–
1,000 or more ..... farms, 1997..	3	–	–	–	–	–	–
1992..	2	–	–	–	–	–	–
number, 1997..	(D)	–	–	–	–	–	–
1992..	(D)	–	–	–	–	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	177	1	16	36	6	8	12
1992..	187	2	12	27	6	7	20
number, 1997..	2 388	(D)	164	532	22	69	(D)
1992..	2 480	(D)	59	495	(D)	43	92
1997 farms by inventory:							
1 to 24	151	1	14	28	6	8	12
25 to 49	13	–	2	2	–	–	–
50 to 99	11	–	–	6	–	–	–
100 or more	2	–	–	–	–	–	–
Other hogs and pigs ..... farms, 1997..	351	2	40	55	11	23	33
1992..	373	3	26	52	6	22	38
number, 1997..	15 909	(D)	669	3 972	84	209	(D)
1992..	13 959	(D)	192	3 555	(D)	416	256
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	180	1	16	37	6	8	12
1992..	196	2	16	29	6	7	20
number, 1997..	2 795	(D)	210	583	21	66	26
1992..	3 450	(D)	80	519	(D)	62	94
Dec. 1 of preceding year and May 31 ..... farms, 1997..	154	1	14	35	5	5	12
1992..	171	2	13	22	6	7	17
number, 1997..	1 457	(D)	111	313	10	21	(D)
1992..	1 843	(D)	42	290	(D)	36	51
June 1 and Nov. 30 ..... farms, 1997..	132	–	13	29	5	5	6
1992..	145	2	9	24	5	6	14
number, 1997..	1 338	–	99	270	11	45	(D)
1992..	1 607	(D)	38	229	(D)	26	43
SALES							
Hogs and pigs sold ..... farms, 1997..	269	2	25	50	11	12	21
1992..	296	1	21	45	10	13	35
number, 1997..	23 636	(D)	1 540	4 634	(D)	346	256
1992..	25 564	(D)	508	6 389	417	(D)	787
$1,000, 1997..	2 265	(D)	94	394	20	(D)	27
1992..	2 342	(D)	45	504	29	75	(D)
1997 farms by number sold:							
1 to 24 ..... farms..	152	2	19	16	7	7	18
number..	1 188	(D)	101	205	40	(D)	144
25 to 49 ..... farms..	44	–	1	12	3	4	3
number..	1 606	–	(D)	472	108	145	112
50 to 99 ..... farms..	21	–	2	5	1	–	–
number..	1 301	–	(D)	330	(D)	–	–
100 to 199 ..... farms..	24	–	1	11	–	1	–
number..	3 484	–	(D)	1 654	–	(D)	–
200 to 499 ..... farms..	19	–	–	6	–	–	–
number..	6 142	–	–	1 973	–	–	–
500 to 999 ..... farms..	6	–	2	–	–	–	–
number..	3 615	–	(D)	–	–	–	–
1,000 or more ..... farms..	3	–	–	–	–	–	–
number..	6 300	–	–	–	–	–	–
Feeder pigs sold ..... farms, 1997..	66	–	10	14	1	2	4
1992..	83	–	4	9	5	2	13
number, 1997..	4 070	–	1 146	907	(D)	(D)	42
1992..	5 921	–	178	1 602	180	(D)	565
$1,000, 1997..	153	–	36	34	(D)	(D)	2
1992..	206	–	6	52	6	(D)	(D)
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	242	2	18	40	11	12	20
1992..	264	1	20	38	7	12	27
number, 1997..	19 566	(D)	394	3 727	(D)	(D)	214
1992..	19 643	(D)	330	4 787	237	(D)	222
$1,000, 1997..	2 112	(D)	59	360	(D)	39	25
1992..	2 136	(D)	39	452	24	(D)	26

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Hogs and pigs ..... farms, 1997..	24	27	35	–	20	29	–	71
1992..	29	38	36	–	19	26	–	91
number, 1997..	264	2 022	4 096	–	1 011	1 466	–	3 483
1992..	449	2 827	1 445	–	649	2 453	–	3 397
Farms by inventory:								
1 to 24 ..... farms, 1997..	21	21	21	–	18	25	–	46
1992..	24	26	24	–	17	19	–	70
number, 1997..	95	108	171	–	(D)	154	–	(D)
1992..	112	125	(D)	–	(D)	105	–	383
25 to 49 ..... farms, 1997..	2	2	6	–	–	–	–	9
1992..	2	8	6	–	–	2	–	11
number, 1997..	(D)	(D)	202	–	–	–	–	349
1992..	(D)	252	197	–	–	(D)	–	411
50 to 99 ..... farms, 1997..	1	1	3	–	–	2	–	6
1992..	2	2	1	–	1	1	–	1
number, 1997..	(D)	(D)	163	–	–	(D)	–	444
1992..	(D)	(D)	(D)	–	(D)	(D)	–	(D)
100 to 199 ..... farms, 1997..	–	–	2	–	1	–	–	5
1992..	1	–	4	–	–	–	–	4
number, 1997..	–	–	(D)	–	(D)	–	–	550
1992..	(D)	–	546	–	–	–	–	(D)
200 to 499 ..... farms, 1997..	–	2	1	–	–	–	–	3
1992..	–	–	–	–	1	2	–	4
number, 1997..	–	(D)	(D)	–	–	–	–	675
1992..	–	–	–	–	(D)	(D)	–	1 151
500 to 999 ..... farms, 1997..	–	–	–	–	1	2	–	2
1992..	–	1	1	–	–	1	–	1
number, 1997..	–	–	–	–	(D)	(D)	–	(D)
1992..	–	(D)	(D)	–	–	(D)	–	(D)
1,000 or more ..... farms, 1997..	–	1	2	–	–	–	–	–
1992..	–	1	–	–	–	1	–	–
number, 1997..	–	(D)	(D)	–	–	–	–	–
1992..	–	(D)	–	–	–	(D)	–	–
Hogs and pigs used or to be used for breeding ..... farms, 1997..	7	12	14	–	9	11	–	45
1992..	12	18	16	–	12	14	–	41
number, 1997..	63	388	86	–	73	196	–	754
1992..	107	368	150	–	85	349	–	700
1997 farms by inventory:								
1 to 24	6	9	14	–	7	9	–	37
25 to 49	1	–	–	–	2	–	–	6
50 to 99	–	2	–	–	–	2	–	1
100 or more	–	1	–	–	–	–	–	1
Other hogs and pigs ..... farms, 1997..	22	25	33	–	19	26	–	62
1992..	27	36	34	–	18	24	–	87
number, 1997..	201	1 634	4 010	–	938	1 270	–	2 729
1992..	342	2 459	1 295	–	564	2 104	–	2 697
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997..	9	12	14	–	9	11	–	45
1992..	12	19	16	–	12	14	–	43
number, 1997..	76	565	101	–	(D)	209	–	783
1992..	215	678	219	–	132	644	–	772
Dec. 1 of preceding year and May 31 ..... farms, 1997..	7	8	12	–	9	11	–	35
1992..	11	18	16	–	9	12	–	38
number, 1997..	37	282	52	–	(D)	98	–	446
1992..	113	369	116	–	63	379	–	365
June 1 and Nov. 30 ..... farms, 1997..	6	10	11	–	5	8	–	34
1992..	9	13	14	–	11	12	–	26
number, 1997..	39	283	49	–	(D)	111	–	337
1992..	102	309	103	–	69	265	–	407
SALES								
Hogs and pigs sold ..... farms, 1997..	15	17	30	–	11	22	–	53
1992..	18	23	27	–	15	21	–	67
number, 1997..	552	4 384	4 966	–	763	1 774	–	4 193
1992..	1 136	4 935	2 772	–	743	2 770	–	4 396
$1,000, 1997..	97	435	522	–	75	124	–	435
1992..	82	458	261	–	140	243	–	455
1997 farms by number sold:								
1 to 24 ..... farms..	12	10	16	–	9	15	–	21
number..	78	74	144	–	(D)	130	–	(D)
25 to 49 ..... farms..	2	2	5	–	–	3	–	9
number..	(D)	(D)	189	–	–	95	–	326
50 to 99 ..... farms..	–	1	2	–	–	–	–	10
number..	–	(D)	(D)	–	–	–	–	600
100 to 199 ..... farms..	–	1	3	–	–	2	–	5
number..	–	(D)	338	–	–	(D)	–	706
200 to 499 ..... farms..	1	2	1	–	2	–	–	7
number..	(D)	(D)	(D)	–	(D)	–	–	1 910
500 to 999 ..... farms..	–	–	1	–	–	2	–	1
number..	–	–	(D)	–	–	(D)	–	(D)
1,000 or more ..... farms..	–	1	2	–	–	–	–	–
number..	–	(D)	(D)	–	–	–	–	–
Feeder pigs sold ..... farms, 1997..	3	3	4	–	2	6	–	17
1992..	3	14	10	–	5	2	–	16
number, 1997..	68	(D)	148	–	(D)	(D)	–	963
1992..	505	(D)	550	–	77	(D)	–	795
$1,000, 1997..	2	(D)	7	–	(D)	(D)	–	43
1992..	15	(D)	14	–	2	(D)	–	37
Hogs and pigs other than feeder pigs sold ..... farms, 1997..	15	15	30	–	9	20	–	50
1992..	17	19	24	–	14	21	–	64
number, 1997..	484	(D)	4 818	–	(D)	(D)	–	3 230
1992..	631	(D)	2 222	–	666	(D)	–	3 601
$1,000, 1997..	95	(D)	514	–	(D)	(D)	–	392
1992..	67	(D)	247	–	139	(D)	–	418

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
INVENTORY							
Any poultry ..... farms, 1997..	637	18	48	69	22	53	71
1992..	657	9	48	62	18	43	77
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997..	510	18	40	51	17	43	47
1992..	535	9	35	50	13	31	65
number, 1997..	682 853	3 287	(D)	4 190	505	(D)	(D)
1992..	544 401	(D)	(D)	(D)	(D)	6 924	12 949
Layers 20 weeks old and older ..... farms, 1997..	497	17	39	49	17	40	46
1992..	529	9	35	49	11	31	64
number, 1997..	556 206	3 137	(D)	3 670	425	1 551	(D)
1992..	488 944	(D)	(D)	(D)	527	6 160	12 774
1997 farms by inventory:							
1 to 49	406	13	33	43	15	28	41
50 to 99	41	–	2	2	2	8	2
100 to 399	22	1	2	2	–	4	2
400 to 3,199	16	3	–	2	–	–	–
3,200 to 9,999	5	–	–	–	–	–	–
10,000 to 19,999	1	–	–	–	–	–	1
20,000 to 49,999	3	–	2	–	–	–	–
50,000 to 99,999	1	–	–	–	–	–	–
100,000 or more	2	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997..	76	3	3	11	3	7	4
1992..	85	2	5	10	2	8	7
number, 1997..	126 647	150	40	520	80	(D)	(D)
1992..	55 457	(D)	96	150	(D)	764	175
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997..	27	–	1	4	–	2	3
1992..	23	1	–	2	–	1	2
number, 1997..	37 696	–	(D)	176	–	(D)	(D)
1992..	10 563	(D)	–	(D)	–	(D)	(D)
Broilers and other meat-type chickens ..... farms, 1997..	79	1	10	11	2	5	13
1992..	58	2	1	7	1	2	10
number, 1997..	5 478	(D)	322	783	(D)	465	2 443
1992..	24 227	(D)	(D)	323	(D)	(D)	188
Turkeys ..... farms, 1997..	83	2	5	10	2	9	6
1992..	110	–	6	15	–	9	10
number, 1997..	8 033	(D)	73	277	(D)	1 149	(D)
1992..	26 411	–	(D)	161	–	(D)	79
Turkey hens kept for breeding ..... farms, 1997..	22	–	2	2	–	3	–
1992..	28	–	2	4	–	3	1
number, 1997..	1 991	–	(D)	(D)	–	(D)	–
1992..	2 570	–	(D)	7	–	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997..	220	3	18	27	11	19	24
1992..	237	3	17	27	11	23	22
SALES							
Any poultry sold ..... farms, 1997..	375	14	26	36	12	26	30
1992..	396	6	21	35	9	28	50
$1,000, 1997..	15 900	54	1 159	72	10	(D)	496
1992..	12 298	22	2 203	367	(D)	692	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997..	88	3	6	8	1	6	4
1992..	120	5	6	12	5	7	10
number, 1997..	(D)	277	(D)	(D)	(D)	(D)	(D)
1992..	456 200	(D)	(D)	11 716	176	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997..	85	2	6	7	1	6	4
1992..	111	4	6	8	5	7	10
number, 1997..	468 514	(D)	(D)	555	(D)	(D)	(D)
1992..	410 018	(D)	101 013	(D)	176	2 203	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997..	11	1	–	2	–	1	–
1992..	14	1	1	4	–	1	–
number, 1997..	(D)	(D)	–	(D)	–	(D)	–
1992..	46 182	(D)	(D)	(D)	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997..	41	–	3	5	2	5	5
1992..	45	1	3	4	3	2	5
number, 1997..	(D)	–	(D)	(D)	(D)	305	(D)
1992..	125 283	(D)	175	119	(D)	(D)	89
1997 farms by number sold:							
1 to 1,999	37	–	2	4	2	5	4
2,000 to 59,999	3	–	1	1	–	–	1
60,000 to 99,999	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	1	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997..	70	–	2	6	2	5	3
1992..	71	1	4	11	2	3	6
number, 1997..	93 226	–	(D)	200	(D)	(D)	(D)
1992..	91 924	(D)	(D)	500	(D)	(D)	320
Turkeys for slaughter sold ..... farms, 1997..	68	–	2	6	2	5	3
1992..	68	1	4	8	2	3	6
number, 1997..	(D)	–	(D)	200	(D)	(D)	(D)
1992..	(D)	(D)	(D)	(D)	(D)	(D)	320
Ducks, geese, and other poultry sold ..... farms, 1997..	63	2	4	10	5	6	7
1992..	74	2	3	10	2	6	11

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
INVENTORY								
Any poultry ..... farms, 1997..	49	52	53	–	28	56	–	118
1992..	58	54	69	–	29	64	–	126
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997..	40	37	46	–	26	46	–	99
1992..	49	43	60	–	25	59	–	96
number, 1997..	895	(D)	10 706	–	(D)	1 210	–	(D)
1992..	6 050	5 067	24 894	–	6 081	3 397	–	(D)
Layers 20 weeks old and older ..... farms, 1997..	40	37	45	–	26	44	–	97
1992..	48	43	60	–	25	59	–	95
number, 1997..	736	2 930	8 591	–	3 934	1 039	–	471 094
1992..	5 960	3 960	19 830	–	6 006	3 084	–	349 434
1997 farms by inventory:								
1 to 49	39	30	32	–	22	38	–	72
50 to 99	1	4	5	–	1	5	–	9
100 to 399	–	2	3	–	–	1	–	5
400 to 3,199	–	1	4	–	3	–	–	3
3,200 to 9,999	–	–	1	–	–	–	–	4
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	1
50,000 to 99,999	–	–	–	–	–	–	–	1
100,000 or more	–	–	–	–	–	–	–	2
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997..	10	7	6	–	1	7	–	14
1992..	3	7	9	–	4	15	–	13
number, 1997..	159	(D)	2 115	–	(D)	171	–	(D)
1992..	90	1 107	5 064	–	75	313	–	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997..	2	1	2	–	–	4	–	8
1992..	2	3	3	–	1	4	–	4
number, 1997..	(D)	(D)	(D)	–	–	(D)	–	(D)
1992..	(D)	(D)	29	–	(D)	30	–	(D)
Broilers and other meat-type chickens ..... farms, 1997..	7	3	8	–	2	8	–	9
1992..	1	3	10	–	3	9	–	9
number, 1997..	72	(D)	396	–	(D)	201	–	279
1992..	(D)	(D)	1 382	–	(D)	245	–	564
Turkeys ..... farms, 1997..	8	7	6	–	4	7	–	17
1992..	7	8	11	–	6	7	–	31
number, 1997..	532	(D)	(D)	–	45	151	–	1 097
1992..	(D)	1 742	1 205	–	47	108	–	2 126
Turkey hens kept for breeding ..... farms, 1997..	–	3	4	–	–	3	–	5
1992..	1	2	2	–	2	3	–	8
number, 1997..	–	(D)	9	–	–	(D)	–	(D)
1992..	(D)	(D)	(D)	–	(D)	24	–	(D)
Ducks, geese, and other poultry ..... farms, 1997..	14	21	20	–	2	25	–	36
1992..	20	21	23	–	5	25	–	40
SALES								
Any poultry sold ..... farms, 1997..	24	26	40	–	18	41	–	82
1992..	27	38	47	–	21	48	–	66
$1,000, 1997..	(D)	372	400	–	74	443	–	10 595
1992..	765	219	699	–	91	177	–	6 761
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997..	3	4	9	–	11	2	–	31
1992..	7	12	13	–	7	9	–	27
number, 1997..	115	(D)	(D)	–	(D)	(D)	–	(D)
1992..	(D)	(D)	(D)	–	2 107	(D)	–	(D)
Layers 20 weeks old and older sold ..... farms, 1997..	3	4	9	–	11	2	–	30
1992..	7	10	12	–	7	9	–	26
number, 1997..	115	(D)	13 908	–	2 837	(D)	–	411 297
1992..	(D)	963	15 664	–	2 107	1 324	–	270 486
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997..	–	–	3	–	1	–	–	3
1992..	–	2	3	–	–	1	–	1
number, 1997..	–	–	(D)	–	(D)	–	–	(D)
1992..	–	(D)	(D)	–	–	(D)	–	(D)
Broilers and other meat-type chickens sold ..... farms, 1997..	3	1	5	–	1	4	–	7
1992..	4	3	7	–	1	6	–	6
number, 1997..	(D)	(D)	1 095	–	(D)	138	–	821
1992..	45 200	(D)	4 998	–	(D)	238	–	1 465
1997 farms by number sold:								
1 to 1,999	2	1	5	–	1	4	–	7
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..	9	6	11	–	1	10	–	15
1992..	5	4	8	–	1	7	–	19
number, 1997..	(D)	(D)	8 682	–	(D)	27 829	–	(D)
1992..	(D)	1 550	8 384	–	(D)	(D)	–	(D)
Turkeys for slaughter sold ..... farms, 1997..	9	5	11	–	1	10	–	14
1992..	5	4	8	–	1	7	–	19
number, 1997..	(D)	(D)	8 682	–	(D)	27 829	–	(D)
1992..	(D)	1 550	8 384	–	(D)	(D)	–	(D)
Ducks, geese, and other poultry sold ..... farms, 1997..	3	2	3	–	1	6	–	14
1992..	4	11	6	–	–	9	–	10

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Sheep and lambs inventory ..... farms, 1997..	431	9	40	41	12	34	45
1992..	520	6	44	56	10	36	58
number, 1997..	8 348	106	640	657	318	390	990
1992..	11 341	61	735	1 146	292	636	1 437
1997 farms by inventory:							
1 to 24 ..... farms..	331	7	33	32	8	32	31
number..	2 981	(D)	344	293	99	(D)	(D)
25 to 99 ..... farms..	94	2	7	9	4	2	13
number..	4 255	(D)	296	364	219	(D)	505
100 to 299 ..... farms..	5	–	–	–	–	–	1
number..	(D)	–	–	–	–	–	(D)
300 to 999 ..... farms..	1	–	–	–	–	–	–
number..	(D)	–	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	364	7	35	33	12	24	39
1992..	425	5	30	48	9	31	52
number, 1997..	5 374	43	359	381	273	234	695
1992..	7 029	44	364	657	186	306	997
Sheep and lambs shorn ..... farms, 1997..	335	5	35	23	12	29	36
1992..	415	4	34	41	9	35	51
number, 1997..	6 843	43	538	348	286	349	804
1992..	8 386	(D)	548	713	(D)	386	1 339
pounds of wool, 1997..	51 056	301	4 886	2 193	2 472	2 940	5 094
1992..	61 619	(D)	3 301	4 847	(D)	2 497	9 149
Sheep and lambs sold ..... farms, 1997..	350	6	32	30	13	27	41
1992..	410	2	29	41	9	31	51
number, 1997..	6 756	76	444	561	245	389	786
1992..	8 846	(D)	388	785	(D)	391	1 085
Sheep, lambs, and wool sold ..... farms, 1997..	396	8	40	33	13	33	43
1992..	466	4	37	45	10	35	57
$1,000, 1997..	475	8	27	39	22	28	58
1992..	557	(D)	27	49	16	30	(D)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Sheep and lambs inventory ..... farms, 1997..	26	35	46	–	19	35	–	89
1992..	35	39	56	–	25	48	–	107
number, 1997..	451	1 225	885	–	491	546	–	1 649
1992..	685	1 873	1 211	–	718	649	–	1 898
1997 farms by inventory:								
1 to 24 ..... farms..	21	28	33	–	10	28	–	68
number..	191	240	213	–	(D)	293	–	579
25 to 99 ..... farms..	5	3	13	–	8	7	–	21
number..	260	115	672	–	325	253	–	1 070
100 to 299 ..... farms..	–	3	–	–	1	–	–	–
number..	–	(D)	–	–	(D)	–	–	–
300 to 999 ..... farms..	–	1	–	–	–	–	–	–
number..	–	(D)	–	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	25	27	35	–	16	32	–	79
1992..	25	36	42	–	20	39	–	88
number, 1997..	329	871	544	–	356	381	–	908
1992..	409	1 185	726	–	461	378	–	1 316
Sheep and lambs shorn ..... farms, 1997..	25	24	31	–	18	32	–	65
1992..	26	34	41	–	21	33	–	86
number, 1997..	418	1 306	659	–	455	472	–	1 165
1992..	580	1 018	941	–	543	452	–	1 552
pounds of wool, 1997..	2 649	9 339	5 148	–	3 583	3 230	–	9 221
1992..	4 585	8 005	6 903	–	4 984	3 692	–	11 229
Sheep and lambs sold ..... farms, 1997..	20	32	34	–	15	30	–	70
1992..	28	35	48	–	20	35	–	81
number, 1997..	380	1 437	617	–	365	437	–	1 019
1992..	645	1 536	1 061	–	511	552	–	1 541
Sheep, lambs, and wool sold ..... farms, 1997..	25	34	38	–	18	34	–	77
1992..	30	39	53	–	24	36	–	96
$1,000, 1997..	18	100	39	–	27	38	–	70
1992..	28	111	60	–	36	32	–	95

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						
Massachusetts	1997	1 196	9 410	232	1 642	3 039
	1992	1 180	9 017	274	693	1 497
COUNTIES, 1997						
Barnstable		22	238	6	13	48
Berkshire		103	836	23	181	415
Bristol		107	924	19	39	129
Dukes		17	(D)	2	(D)	(D)
Essex		117	1 231	32	168	614
Franklin		116	656	17	32	65
Hampden		102	506	18	30	62
Hampshire		109	807	23	(D)	902
Middlesex		121	1 226	18	65	215
Nantucket		1	(D)	–	–	–
Norfolk		53	417	9	19	(D)
Plymouth		93	815	22	71	173
Worcester		235	1 641	43	128	362

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									
Massachusetts	1997	86	1 090	32	(D)	32	57 513	49	338
	1992	77	1 400	29	303	31	132 253	47	504
COUNTIES, 1997									
Berkshire		8	100	3	15	2	(D)	5	(D)
Bristol		9	201	4	52	3	2 040	7	15
Essex		13	98	3	(D)	4	(D)	6	(D)
Franklin		10	(D)	3	(D)	5	(D)	6	(D)
Hampden		4	33	2	(D)	1	(D)	2	(D)
Hampshire		3	9	–	–	–	–	–	–
Middlesex		3	(D)	1	(D)	–	–	1	(D)
Plymouth		12	85	6	53	5	2 240	6	14
Worcester		19	290	9	182	11	(D)	14	(D)
All other counties		5	64	1	(D)	1	(D)	2	(D)

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									
Massachusetts	1997	12	88	2	(D)	6	683	6	(D)
	1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
COUNTIES, 1997									
Worcester		4	4	–	–	–	–	–	–
All other counties		8	84	2	(D)	6	683	6	(D)

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						
Massachusetts	1997	3	(D)	2	(D)	(D)
	1992	(NA)	(NA)	(NA)	(NA)	(NA)

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			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Massachusetts ..... 1997..	282	6 670	13	107	122	359 008	129	327
1992..	328	7 802	10	256	123	341 255	128	261
COUNTIES, 1997								
Barnstable	13	81	–	–	3	(D)	3	5
Berkshire	16	87	–	–	10	2 010	10	4
Bristol	16	156	–	–	6	4 828	6	10
Dukes	3	(D)	–	–	–	–	–	–
Essex	26	165	–	–	12	3 335	12	8
Franklin	19	113	4	34	10	5 353	12	11
Hampden	17	139	–	–	7	1 967	7	3
Hampshire	25	262	2	(D)	13	9 484	13	19
Middlesex.....	39	(D)	1	(D)	27	(D)	28	223
Norfolk	13	106	1	(D)	5	1 305	6	5
Plymouth	36	700	2	(D)	8	8 462	10	17
Worcester	59	378	3	9	21	12 332	22	23

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						
Massachusetts ..... 1997..	1	(D)	–	–	1	(D)
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997						
Plymouth	1	(D)	–	–	1	(D)
TROUT						
State Total						
Massachusetts ..... 1997..	10	358	5	367	14	1 061
1992..	7	83	–	–	7	341
Counties, 1997						
Worcester	3	(D)	–	–	3	(D)
All other counties	7	(D)	5	367	11	(D)
HYBRID STRIPED BASS						
State Total						
Massachusetts ..... 1997..	1	(D)	–	–	1	(D)
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997						
Franklin	1	(D)	–	–	1	(D)
OTHER FISH (SEE TEXT)						
State Total						
Massachusetts ..... 1997..	5	(D)	8	55	12	(D)
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997						
Barnstable	–	–	4	28	4	22
All other counties	5	(D)	4	27	8	(D)

Table 23. **Fish Sales: 1997 and 1992**—Con.

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

Geographic area	Farms	Pounds (1,000)	Farms	Number (1,000)	Farms	Sales ($1,000)
OTHER AQUACULTURE PRODUCTS (SEE TEXT)						
State Total						
Massachusetts ..... 1997..	4	(X)	39	(X)	42	1 108
1992..	(NA)	(X)	(NA)	(X)	(NA)	(NA)
Counties, 1997						
Barnstable	4	(X)	31	(X)	34	654
Dukes	–	(X)	4	(X)	4	(D)
Plymouth	–	(X)	3	(X)	3	285
Worcester	–	(X)	1	(X)	1	(D)

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				
Massachusetts ..... 1997..	127	4 381	35	(D)
1992..	140	6 418	41	(D)
Counties, 1997				
Berkshire	8	127	2	(D)
Bristol	13	285	6	618
Dukes	9	159	5	63
Essex	10	153	2	(D)
Franklin	15	98	2	(D)
Hampden	7	38	–	–
Hampshire	8	99	–	–
Middlesex.....	16	304	3	(D)
Plymouth	12	199	2	(D)
Worcester	25	2 882	11	(D)
All other counties	4	37	2	(D)
GEESE				
State Total				
Massachusetts ..... 1997..	101	1 157	16	383
1992..	112	1 363	32	1 215
Counties, 1997				
Barnstable	1	(D)	1	(D)
Berkshire	7	37	2	(D)
Bristol	13	161	2	(D)
Dukes	4	(D)	2	(D)
Essex	8	34	–	–
Franklin	7	60	–	–
Hampden	8	131	2	(D)
Hampshire	12	145	–	–
Middlesex.....	13	259	1	(D)
Norfolk	1	(D)	–	–
Plymouth	11	52	4	6
Worcester	16	237	2	(D)
PIGEONS OR SQUAB				
State Total				
Massachusetts ..... 1997..	19	721	4	115
1992..	14	710	5	133
Counties, 1997				
Bristol	3	235	–	–
Essex	3	(D)	2	(D)
Franklin	4	330	–	–
Plymouth	5	85	2	(D)
All other counties	4	(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
PHEASANTS				
State Total				
Massachusetts 1997..	21	8 042	10	34 880
1992..	15	4 267	10	28 635
Counties, 1997				
Franklin	4	3 200	4	15 000
Hampshire	3	(D)	2	(D)
Plymouth	4	651	–	–
Worcester	3	(D)	2	(D)
All other counties	7	301	2	(D)
QUAIL				
State Total				
Massachusetts 1997..	10	2 812	7	14 650
1992..	5	333	3	(D)
Counties, 1997				
Franklin	3	1 300	3	(D)
All other counties	7	1 512	4	(D)
OTHER POULTRY				
State Total				
Massachusetts 1997..	48	1 654	16	(D)
1992..	46	1 407	13	2 933
Counties, 1997				
Berkshire	3	(D)	–	–
Bristol	4	44	2	(D)
Dukes	4	114	1	(D)
Essex	7	(D)	5	149
Hampden	3	54	1	(D)
Hampshire	4	(D)	1	(D)
Plymouth	5	57	1	(D)
Worcester	14	738	4	(D)
All other counties	4	47	1	(D)
POULTRY HATCHED (SEE TEXT)				
State Total				
Massachusetts 1997..	39	202 658	72	276 809
1992..	43	236 140	61	636 742
Counties, 1997				
Berkshire	–	–	6	620
Bristol	6	5 783	7	(D)
Essex	5	(D)	5	(D)
Franklin	3	2 600	9	(D)
Hampden	4	(D)	3	(D)
Hampshire	5	28 600	7	(D)
Middlesex	4	(D)	9	(D)
Plymouth	3	1 000	5	404
Worcester	7	4 382	16	14 872
All other counties	2	(D)	5	3 085

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					
Massachusetts 1997..	92	296	20	72	51
1992..	87	297	11	22	15
Counties, 1997					
Barnstable	1	(D)	–	–	–
Berkshire	11	16	2	(D)	(D)
Bristol	13	23	4	6	1
Dukes	5	5	–	–	–
Essex	7	25	4	6	3
Franklin	3	(D)	1	(D)	(D)
Hampden	6	10	–	–	–
Hampshire	12	24	1	(D)	(D)
Middlesex	5	8	–	–	–
Norfolk	7	22	2	(D)	(D)
Plymouth	7	10	2	(D)	(D)
Worcester	15	146	4	(D)	(D)
GOATS, TOTAL					
State Total					
Massachusetts 1997..	238	2 490	79	850	(NA)
1992..	228	2 986	80	1 405	(NA)
Counties, 1997					
Barnstable	4	52	2	(D)	(NA)
Berkshire	19	134	3	28	(NA)
Bristol	30	374	15	128	(NA)
Dukes	5	28	–	–	(NA)
Essex	31	202	8	53	(NA)
Franklin	26	590	12	247	(NA)
Hampden	12	70	4	17	(NA)
Hampshire	16	38	5	8	(NA)
Middlesex	18	178	3	(D)	(NA)
Nantucket	1	(D)	–	–	(NA)
Norfolk	6	(D)	3	9	(NA)
Plymouth	25	206	8	73	(NA)
Worcester	45	588	16	241	(NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Massachusetts 1997..	177	1 312	51	494	27
1992..	167	1 496	55	1 092	56
Counties, 1997					
Barnstable	3	(D)	2	(D)	(D)
Berkshire	13	(D)	3	13	(Z)
Bristol	24	173	12	76	5
Dukes	3	(D)	–	–	–
Essex	23	104	5	(D)	2
Franklin	18	328	8	233	8
Hampden	8	(D)	3	(D)	(D)
Hampshire	15	29	5	8	(Z)
Middlesex	15	164	2	(D)	(D)
Nantucket	1	(D)	–	–	–
Norfolk	5	(D)	1	(D)	(D)
Plymouth	17	121	3	20	2
Worcester	32	294	7	59	4
RABBITS AND THEIR PELTS					
State Total					
Massachusetts 1997..	95	10 247	39	13 473	288
1992..	128	4 984	46	14 574	152
Counties, 1997					
Barnstable	1	(D)	1	(D)	(D)
Berkshire	6	12	–	–	–
Bristol	12	2 931	9	6 407	72
Essex	12	169	6	(D)	4
Franklin	8	187	5	(D)	(D)
Hampden	7	174	4	438	2
Hampshire	9	(D)	3	(D)	(D)
Middlesex	7	189	4	210	1
Nantucket	1	(D)	–	–	–
Norfolk	7	28	2	(D)	(D)
Plymouth	5	38	–	–	–
Worcester	20	411	5	383	4

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)
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
Massachusetts ..... 1997..	58	(X)	27	(X)	4 271
1992..	21	(X)	21	(X)	6 362
Counties, 1997					
Berkshire	6	(X)	1	(X)	(D)
Essex	4	(X)	3	(X)	(D)
Franklin	8	(X)	6	(X)	22
Hampden	6	(X)	5	(X)	36
Hampshire	5	(X)	1	(X)	(D)
Middlesex	4	(X)	4	(X)	(D)
Worcester	16	(X)	3	(X)	(D)
All other counties	9	(X)	4	(X)	44

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										
Massachusetts	99	4 951	590 748	16	139	111	4 893	488 921	5	54
Counties										
Barnstable	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Berkshire	13	1 455	180 992	–	–	10	1 008	79 940	–	–
Bristol	16	394	23 380	4	26	15	298	24 026	1	(D)
Dukes	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Essex	10	116	10 615	3	7	3	(D)	(D)	–	–
Franklin	12	663	68 524	–	–	15	840	111 081	–	–
Hampden	7	125	10 130	–	–	12	142	10 500	1	(D)
Hampshire	20	1 970	270 407	2	(D)	29	2 089	246 182	–	–
Middlesex	6	71	8 600	3	35	8	220	4 552	–	–
Plymouth	5	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
Worcester	8	127	14 510	2	(D)	15	226	9 905	–	–
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	2	(D)	(D)	–	–	5	20	810	1	(D)
Counties										
Middlesex	2	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
OATS FOR GRAIN (BUSHELS)										
State Total										
Massachusetts	12	96	3 890	–	–	19	271	8 640	–	–
Counties										
Berkshire	4	43	2 150	–	–	5	152	5 585	–	–
Middlesex	3	35	1 250	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	5	18	490	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
POPCORN (POUNDS, SHELLED)										
State Total										
Massachusetts	1	(D)	(D)	–	–	3	5	15 700	–	–
Counties										
Hampshire	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

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)										
State Total										
Massachusetts	10	109	3 104	–	–	16	129	5 539	1	(D)
Counties										
Berkshire	3	(D)	(D)	–	–	4	62	3 240	–	–
All other counties	7	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SUNFLOWER SEED (POUNDS)										
State Total										
Massachusetts	5	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

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
TOBACCO (POUNDS)										
State Total										
Massachusetts	68	1 176	1 881 034	26	789	27	400	624 961	8	154
Counties										
Franklin	17	(D)	(D)	9	249	2	(D)	(D)	1	(D)
Hampden	10	454	648 436	9	427	8	182	(D)	6	(D)
Hampshire	40	436	760 753	7	(D)	17	(D)	271 128	1	(D)
Plymouth	1	(D)	(D)	1	(D)	–	–	–	–	–
SOYBEANS FOR BEANS (BUSHELS)										
State Total										
Massachusetts	7	214	8 270	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Essex	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Hampshire	3	128	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)										
State Total										
Massachusetts	12	37	297	4	4	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Berkshire	3	3	31	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Essex	4	(D)	170	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	5	(D)	96	2	(D)	(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
POTATOES, EXCLUDING SWEETPOTATOES (CWT)										
State Total										
Massachusetts	93	2 964	789 847	40	400	102	3 520	812 469	24	259
Counties										
Barnstable	6	4	381	4	2	3	4	(D)	2	(D)
Berkshire	7	3	324	3	(Z)	6	(D)	(D)	–	–
Bristol	6	(D)	(D)	3	(D)	6	(D)	(D)	1	(D)
Dukes	4	3	(D)	3	(D)	8	8	1 906	4	2
Essex	6	4	422	1	(D)	5	9	1 676	2	(D)
Franklin	17	888	248 760	8	298	23	851	228 703	2	(D)
Hampshire	17	1 896	507 586	3	(D)	21	2 391	527 471	1	(D)
Middlesex	9	27	1 957	8	6	8	11	1 390	3	(D)
Norfolk	3	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	5	10	1 085	2	(D)	10	29	4 758	6	3
Worcester	10	9	1 549	4	4	6	16	3 434	1	(D)
All other counties	3	(D)	5 970	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
SWEETPOTATOES (BUSHELS)										
State Total										
Massachusetts	4	1	165	4	1	(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										
Massachusetts	3	44	(X)	–	–	3	12	(X)	–	–
RYEGRASS SEED (POUNDS)										
State Total										
Massachusetts	2	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Franklin	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Hampden	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
TIMOTHY SEED (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Franklin	1	(D)	(D)	–	–	(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
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Massachusetts	2 168	100 218	181 885	31	490	2 269	103 596	213 589	29	391
Counties										
Barnstable	8	(D)	(D)	1	(D)	7	(D)	(D)	1	(D)
Berkshire	217	16 843	31 866	–	–	215	15 478	33 264	1	(D)
Bristol	215	6 681	12 487	3	13	202	6 026	12 752	1	(D)
Dukes	17	734	1 168	1	(D)	22	531	1 137	1	(D)
Essex	154	6 982	12 031	5	(D)	136	6 641	12 426	2	(D)
Franklin	286	14 018	24 519	2	(D)	332	14 906	35 062	1	(D)
Hampden	181	7 004	12 935	5	23	173	5 834	12 438	3	66
Hampshire	234	11 071	20 845	1	(D)	268	12 920	24 964	1	(D)
Middlesex	176	7 119	12 517	2	(D)	184	9 106	17 003	11	173
Nantucket	2	(D)	(D)	–	–	2	(D)	(D)	–	–
Norfolk	51	1 884	2 877	3	8	71	2 517	4 871	3	9
Plymouth	104	3 465	7 260	3	(D)	102	3 700	6 521	3	(D)
Worcester	523	24 286	43 123	5	88	555	25 848	52 902	1	(D)
ALFALFA HAY (TONS, DRY)										
State Total										
Massachusetts	602	17 190	39 136	8	31	974	30 490	79 053	12	185
Counties										
Barnstable	2	(D)	(D)	–	–	3	59	(D)	1	(D)
Berkshire	64	2 415	7 414	–	–	90	4 348	12 186	1	(D)
Bristol	89	2 128	4 434	1	(D)	92	2 027	5 039	–	–
Dukes	9	(D)	(D)	–	–	14	296	(D)	–	–
Essex	40	801	1 601	1	(D)	57	1 452	2 973	2	(D)
Franklin	62	1 756	3 664	–	–	145	4 162	13 380	1	(D)
Hampden	48	1 390	2 845	2	(D)	79	1 807	4 182	3	66
Hampshire	53	1 469	3 554	–	–	116	3 822	8 770	–	–
Middlesex	58	2 275	3 993	2	(D)	77	2 631	6 696	3	39
Norfolk	11	299	549	1	(D)	35	879	2 046	1	(D)
Plymouth	26	652	2 163	–	–	35	886	2 240	–	–
Worcester	140	3 486	7 983	1	(D)	231	8 121	20 502	–	–
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Massachusetts	68	1 038	1 451	2	(D)	66	864	1 593	4	32
Counties										
Bristol	4	17	15	–	–	5	61	99	–	–
Essex	6	180	269	–	–	5	64	127	–	–
Franklin	8	100	130	–	–	5	38	98	–	–
Hampden	7	122	210	1	(D)	3	51	(D)	–	–
Hampshire	10	159	338	–	–	6	172	354	–	–
Middlesex	8	142	125	–	–	10	175	266	4	32
Norfolk	4	55	75	–	–	1	(D)	(D)	–	–
Plymouth	4	49	78	–	–	6	(D)	36	–	–
Worcester	14	206	184	–	–	14	186	320	–	–
All other counties	3	8	27	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Massachusetts	1 471	57 130	102 752	14	93	1 386	52 552	99 530	12	116
Counties										
Barnstable	7	(D)	(D)	1	(D)	3	(D)	(D)	–	–
Berkshire	148	10 145	16 800	–	–	130	8 121	16 176	–	–
Bristol	113	2 758	4 453	2	(D)	110	2 442	4 820	–	–
Dukes	9	117	205	–	–	11	(D)	221	1	(D)
Essex	104	4 258	7 464	2	(D)	84	4 053	7 462	–	–
Franklin	207	8 116	14 368	2	(D)	209	7 374	14 329	1	(D)
Hampden	138	4 072	7 555	4	10	104	3 132	6 819	–	–
Hampshire	160	6 409	12 477	1	(D)	161	6 100	11 448	1	(D)
Middlesex	112	3 436	6 693	–	–	122	5 148	8 587	6	93
Nantucket	1	(D)	(D)	–	–	2	(D)	(D)	–	–
Norfolk	36	1 300	1 977	–	–	40	1 463	2 608	2	(D)
Plymouth	67	2 116	4 112	–	–	62	2 131	3 429	1	(D)
Worcester	369	14 301	26 483	2	(D)	348	12 408	23 585	–	–

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)										
State Total										
Massachusetts	429	10 483	12 577	8	(D)	332	7 900	10 809	6	(D)
Counties										
Barnstable	2	(D)	(D)	–	–	–	–	–	–	–
Berkshire	64	2 167	2 701	–	–	53	1 579	2 137	–	–
Bristol	51	1 072	1 575	–	–	45	963	1 309	1	(D)
Dukes	4	(D)	(D)	–	–	8	76	71	–	–
Essex	35	1 060	1 069	2	(D)	21	550	891	–	–
Franklin	54	1 097	1 433	–	–	36	1 003	2 061	–	–
Hampden	22	401	461	–	–	15	256	218	–	–
Hampshire	37	891	1 365	–	–	33	1 095	1 537	–	–
Middlesex	32	891	1 280	–	–	28	521	505	2	(D)
Norfolk	10	144	104	1	(D)	14	141	127	–	–
Plymouth	23	379	366	3	(D)	19	358	409	2	(D)
Worcester	95	2 274	2 142	2	(D)	60	1 358	1 544	1	(D)
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Massachusetts	254	14 377	77 890	3	(D)	232	11 790	67 811	2	(D)
Counties										
Berkshire	28	2 116	14 848	–	–	23	1 355	7 907	–	–
Bristol	28	706	6 027	–	–	20	533	4 457	–	–
Essex	16	683	4 884	–	–	15	522	2 919	–	–
Franklin	51	2 949	14 776	–	–	50	2 329	15 581	–	–
Hampden	14	1 019	5 587	–	–	10	588	(D)	–	–
Hampshire	28	2 143	9 330	–	–	33	1 731	8 561	–	–
Middlesex	10	375	1 278	–	–	12	631	2 845	2	(D)
Norfolk	5	86	516	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	9	269	1 619	–	–	9	(D)	1 222	–	–
Worcester	62	4 019	18 995	2	(D)	55	3 775	20 855	–	–
All other counties	3	12	30	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Massachusetts	403	22 813	445 811	8	49	531	25 861	470 201	9	46
Counties										
Barnstable	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Berkshire	39	3 492	67 630	–	–	49	4 149	68 376	–	–
Bristol	65	2 795	69 735	4	(D)	76	3 043	53 310	2	(D)
Essex	12	606	10 089	–	–	21	1 193	21 965	–	–
Franklin	76	4 297	92 219	–	–	98	4 648	99 814	1	(D)
Hampden	25	1 673	29 035	–	–	40	2 150	38 430	1	(D)
Hampshire	56	3 013	53 484	2	(D)	79	2 671	45 890	–	–
Middlesex	17	576	11 080	–	–	32	1 046	18 543	2	(D)
Norfolk	10	(D)	(D)	–	–	4	131	2 415	–	–
Plymouth	17	1 737	27 607	–	–	20	1 369	27 419	3	3
Worcester	85	4 381	81 000	2	(D)	109	5 415	93 184	–	–
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Massachusetts	5	105	1 382	–	–	(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								
Massachusetts	935	15 855	403	5 635	995	16 366	281	4 400
Counties								
Barnstable	32	167	25	133	26	228	18	192
Berkshire	50	668	8	12	52	565	5	(D)
Bristol	105	2 162	50	930	120	2 909	42	756
Dukes	10	(D)	8	53	16	(D)	9	60
Essex	91	1 366	43	652	95	1 823	33	646
Franklin	78	1 422	26	657	93	1 530	19	589
Hampden	66	1 220	23	379	70	1 503	20	379
Hampshire	124	3 024	32	421	135	2 206	17	200
Middlesex	139	2 310	78	985	136	2 207	52	760
Nantucket	4	97	4	97	3	(D)	3	(D)
Norfolk	40	499	22	137	28	349	11	144
Plymouth	56	781	35	561	60	961	20	219
Suffolk	1	(D)	–	–	–	–	–	–
Worcester	139	2 069	49	616	161	1 861	32	326
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Massachusetts	935	16 039	403	5 721	995	16 577	281	4 507
Counties								
Barnstable	32	178	25	145	26	246	18	202
Berkshire	50	677	8	14	52	580	5	(D)
Bristol	105	2 210	50	931	120	2 918	42	755
Dukes	10	(D)	8	53	16	(D)	9	62
Essex	91	1 362	43	653	95	1 845	33	657
Franklin	78	1 429	26	658	93	1 563	19	619
Hampden	66	1 221	23	381	70	1 505	20	379
Hampshire	124	3 058	32	424	135	2 214	17	203
Middlesex	139	2 357	78	1 035	136	2 265	52	790
Nantucket	4	98	4	98	3	(D)	3	(D)
Norfolk	40	508	22	137	28	360	11	155
Plymouth	56	781	35	561	60	973	20	224
Suffolk	1	(D)	–	–	–	–	–	–
Worcester	139	2 092	49	633	161	1 880	32	330
ASPARAGUS								
State Total								
Massachusetts	51	103	16	12	73	119	18	15
Counties								
Essex	3	3	3	3	5	1	2	(D)
Franklin	12	21	2	(D)	11	21	1	(D)
Hampshire	20	65	3	1	26	67	4	1
Middlesex	3	6	2	(D)	7	8	4	2
Plymouth	3	3	2	(D)	4	6	2	(D)
Worcester	3	1	–	–	8	3	3	(D)
All other counties	7	5	4	3	(NA)	(NA)	(NA)	(NA)
GREEN LIMA BEANS								
State Total								
Massachusetts	5	(D)	–	–	8	7	4	1
SNAP BEANS								
State Total								
Massachusetts	183	352	91	145	220	357	77	80
Counties								
Barnstable	11	3	8	2	7	(D)	7	3
Berkshire	7	8	3	(Z)	12	10	–	–
Bristol	19	66	6	17	19	119	5	12
Essex	25	39	14	15	36	42	8	5
Franklin	9	3	3	1	8	4	1	(D)
Hampden	14	34	6	11	19	38	3	3
Hampshire	16	10	4	4	14	9	5	5
Middlesex	33	53	21	27	34	36	18	22
Norfolk	4	4	2	(D)	7	5	4	3
Plymouth	10	42	7	36	20	46	9	13
Worcester	32	85	14	21	36	36	12	7
All other counties	3	6	3	(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
BEETS								
State Total								
Massachusetts	68	39	35	22	99	63	42	29
Counties								
Barnstable	5	2	5	2	6	4	5	2
Berkshire	4	1	2	(D)	4	1	–	–
Essex	11	7	6	3	16	9	5	8
Franklin	7	11	2	(D)	6	2	–	–
Hampshire	8	5	2	(D)	10	12	5	1
Middlesex	14	7	9	5	11	4	9	3
Norfolk	4	1	2	(D)	7	6	3	(D)
Worcester	7	4	1	(D)	14	3	6	2
All other counties	8	2	6	1	(NA)	(NA)	(NA)	(NA)
BROCCOLI								
State Total								
Massachusetts	85	63	47	28	112	85	47	44
Counties								
Barnstable	3	(D)	3	1	4	1	4	1
Berkshire	6	(D)	4	(Z)	6	2	1	(D)
Bristol	4	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Dukes	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Essex	3	2	1	(D)	12	5	2	(D)
Franklin	7	4	2	(D)	12	14	2	(D)
Hampden	3	(D)	2	(D)	7	4	2	(D)
Hampshire	10	3	5	1	14	7	4	1
Middlesex	22	22	14	10	21	17	12	6
Nantucket	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Norfolk	3	1	1	(D)	4	(D)	3	(D)
Plymouth	5	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Worcester	15	11	9	4	24	9	11	5
BRUSSELS SPROUTS								
State Total								
Massachusetts	16	5	9	2	16	4	7	2
Counties								
Franklin	3	(D)	1	(D)	–	–	–	–
Hampshire	5	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex	3	(Z)	2	(D)	3	1	2	(D)
All other counties	5	(D)	5	1	(NA)	(NA)	(NA)	(NA)
CHINESE CABBAGE								
State Total								
Massachusetts	13	11	7	6	5	27	1	(D)
Counties								
Franklin	4	8	1	(D)	5	27	1	(D)
Hampshire	4	1	3	1	–	–	–	–
All other counties	5	3	3	(D)	(NA)	(NA)	(NA)	(NA)
HEAD CABBAGE								
State Total								
Massachusetts	122	368	56	150	168	557	46	157
Counties								
Berkshire	5	8	1	(D)	5	2	–	–
Bristol	14	140	11	98	23	189	7	35
Essex	8	11	6	11	17	24	5	20
Franklin	12	41	2	(D)	29	100	3	(D)
Hampden	12	77	6	7	22	115	5	73
Hampshire	25	59	6	10	27	80	7	7
Middlesex	16	13	12	10	17	31	9	9
Nantucket	1	(D)	1	(D)	–	–	–	–
Norfolk	6	(D)	4	1	(NA)	(NA)	(NA)	(NA)
Plymouth	3	1	–	–	(NA)	(NA)	(NA)	(NA)
Worcester	20	16	7	7	22	14	7	3

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
CANTALOUPS								
State Total								
Massachusetts	80	60	40	23	84	88	25	22
Counties								
Berkshire	4	3	–	–	(NA)	(NA)	(NA)	(NA)
Bristol	7	7	3	(D)	5	9	4	(D)
Essex	9	6	6	4	9	5	1	(D)
Franklin	10	6	4	1	13	6	–	–
Hampden	6	6	5	5	7	8	1	(D)
Hampshire	6	2	2	(D)	10	6	3	3
Middlesex	13	10	7	3	12	15	3	(D)
Norfolk	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Worcester	19	18	10	5	18	28	8	2
All other counties	3	2	2	(D)	(NA)	(NA)	(NA)	(NA)
CARROTS								
State Total								
Massachusetts	78	98	46	84	110	90	52	72
Counties								
Barnstable	5	1	4	1	6	3	5	1
Berkshire	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Bristol	3	(D)	2	(D)	5	13	3	(D)
Essex	13	4	6	2	22	5	5	1
Franklin	4	(D)	2	(D)	9	(D)	3	(D)
Hampshire	7	18	4	(D)	11	16	5	(D)
Middlesex	21	33	12	28	19	17	12	15
Norfolk	5	1	3	1	4	(D)	2	(D)
Worcester	10	7	7	4	14	4	6	2
All other counties	7	2	5	1	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Massachusetts	34	25	25	20	43	26	17	10
Counties								
Essex	5	4	5	3	9	3	1	(D)
Franklin	4	6	2	(D)	9	8	2	(D)
Hampden	3	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire	3	1	1	(D)	6	2	3	(Z)
Middlesex	5	5	5	5	6	3	5	2
Worcester	8	4	5	1	7	2	4	1
All other counties	6	5	5	5	(NA)	(NA)	(NA)	(NA)
CELERY								
State Total								
Massachusetts	9	7	5	6	13	4	5	1
Counties								
Middlesex	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	6	6	3	(D)	(NA)	(NA)	(NA)	(NA)
CHICORY								
State Total								
Massachusetts	5	4	3	4	4	5	2	(D)
COLLARDS								
State Total								
Massachusetts	15	47	10	46	16	37	8	23
Counties								
Bristol	3	(D)	2	(D)	4	18	2	(D)
All other counties	12	(D)	8	(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
CUCUMBERS AND PICKLES								
State Total								
Massachusetts	218	1 240	96	356	283	617	90	102
Counties								
Barnstable	15	9	12	9	8	4	5	2
Berkshire	8	4	1	(D)	8	7	–	–
Bristol	20	24	9	14	31	54	7	5
Dukes	3	(D)	3	(D)	8	(D)	5	2
Essex	14	13	10	8	36	25	11	9
Franklin	24	360	6	(D)	24	149	4	(D)
Hampden	22	51	8	10	22	42	5	(D)
Hampshire	38	716	9	155	38	241	8	13
Middlesex	23	15	15	8	35	39	16	6
Nantucket	1	(D)	1	(D)	1	(D)	1	(D)
Norfolk	8	5	3	(D)	7	5	2	(D)
Plymouth	5	3	4	3	16	14	10	9
Worcester	37	36	15	11	49	31	16	8
EGGPLANT								
State Total								
Massachusetts	85	93	53	42	107	157	55	63
Counties								
Barnstable	3	(Z)	3	(Z)	(NA)	(NA)	(NA)	(NA)
Bristol	14	14	6	8	16	32	5	4
Essex	9	9	4	7	18	10	9	9
Franklin	3	12	1	(D)	6	14	3	(D)
Hampden	12	26	8	10	14	35	5	3
Hampshire	8	14	3	1	11	15	5	1
Middlesex	18	10	18	10	19	36	14	34
Worcester	10	6	5	1	13	7	7	2
All other counties	8	2	5	(D)	(NA)	(NA)	(NA)	(NA)
ENDIVE								
State Total								
Massachusetts	4	(D)	2	(D)	6	2	4	1
ESCAROLE								
State Total								
Massachusetts	6	14	5	4	5	6	2	(D)
GARLIC								
State Total								
Massachusetts	31	11	11	5	(NA)	(NA)	(NA)	(NA)
Counties								
Essex	5	1	–	–	(NA)	(NA)	(NA)	(NA)
Franklin	5	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire	5	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex	8	4	7	4	(NA)	(NA)	(NA)	(NA)
All other counties	8	2	2	(D)	(NA)	(NA)	(NA)	(NA)
HERBS, FRESH CUT (SEE TEXT)								
State Total								
Massachusetts	51	26	30	12	47	30	25	13
Counties								
Essex	5	1	–	–	(NA)	(NA)	(NA)	(NA)
Franklin	7	4	4	3	(NA)	(NA)	(NA)	(NA)
Hampshire	7	6	2	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex	11	5	9	4	(NA)	(NA)	(NA)	(NA)
Norfolk	4	1	3	1	(NA)	(NA)	(NA)	(NA)
Worcester	6	2	4	2	(NA)	(NA)	(NA)	(NA)
All other counties	11	8	8	(D)	(NA)	(NA)	(NA)	(NA)
HONEYDEW MELONS								
State Total								
Massachusetts	10	6	5	2	(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
KALE								
State Total								
Massachusetts	18	48	11	45	21	90	11	59
Counties								
Franklin	5	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire	4	2	–	–	5	3	3	1
All other counties	9	(D)	8	(D)	(NA)	(NA)	(NA)	(NA)
LETTUCE AND ROMAINE								
State Total								
Massachusetts	110	238	65	192	123	290	66	228
Counties								
Barnstable	10	5	8	4	8	6	7	4
Berkshire	6	2	4	1	4	2	1	(D)
Bristol	6	22	5	22	12	36	4	18
Dukes	4	(D)	3	(D)	9	7	5	6
Essex	6	(D)	3	(D)	18	128	10	125
Franklin	9	39	3	(D)	7	15	5	14
Hampden	6	(D)	2	(D)	8	36	1	(D)
Hampshire	10	9	4	(D)	11	10	3	(D)
Middlesex	21	43	15	36	16	20	12	18
Nantucket	3	(D)	3	(D)	2	(D)	2	(D)
Norfolk	6	3	4	2	5	(D)	3	1
Plymouth	4	(D)	4	(D)	8	6	6	6
Worcester	19	10	7	5	15	7	7	5
MUSTARD GREENS								
State Total								
Massachusetts	6	2	3	(Z)	16	38	3	(Z)
DRY ONIONS								
State Total								
Massachusetts	49	39	23	11	61	44	18	10
Counties								
Berkshire	4	1	2	(D)	–	–	–	–
Essex	5	1	–	–	7	1	2	(D)
Franklin	6	5	1	(D)	14	11	4	(D)
Hampden	4	1	4	1	(NA)	(NA)	(NA)	(NA)
Hampshire	7	17	2	(D)	12	27	3	(D)
Middlesex	7	8	5	3	6	1	4	1
Plymouth	4	1	3	1	5	1	–	–
Worcester	8	4	2	(D)	4	1	–	–
All other counties	4	1	4	1	(NA)	(NA)	(NA)	(NA)
GREEN ONIONS								
State Total								
Massachusetts	36	16	22	7	33	15	16	8
Counties								
Barnstable	3	(Z)	1	(D)	–	–	–	–
Essex	3	(Z)	1	(D)	3	(Z)	1	(D)
Franklin	3	3	3	3	(NA)	(NA)	(NA)	(NA)
Middlesex	8	8	6	2	6	5	3	(D)
Norfolk	4	(Z)	2	(D)	(NA)	(NA)	(NA)	(NA)
Worcester	6	1	4	1	8	2	6	2
All other counties	9	2	5	1	(NA)	(NA)	(NA)	(NA)
OKRA								
State Total								
Massachusetts	3	1	3	1	6	5	1	(D)
PARSLEY								
State Total								
Massachusetts	13	6	8	2	24	5	12	4
Counties								
Essex	3	(D)	2	(D)	8	3	4	3
All other counties	10	(D)	6	(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
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Massachusetts	71	62	37	35	98	102	42	49
Counties								
Barnstable	3	2	3	2	8	13	6	11
Berkshire	3	(Z)	2	(D)	6	3	1	(D)
Bristol	6	5	2	(D)	6	6	2	(D)
Dukes	3	(D)	3	(D)	7	4	4	2
Essex	11	11	2	(D)	10	14	3	(D)
Franklin	3	(D)	–	–	6	1	1	(D)
Hampden	3	1	2	(D)	5	11	2	(D)
Hampshire	8	3	4	1	9	9	4	1
Middlesex	12	13	8	10	16	9	8	6
Nantucket	1	(D)	1	(D)	1	(D)	1	(D)
Norfolk	4	7	2	(D)	3	(D)	1	(D)
Plymouth	3	5	3	5	4	6	3	4
Worcester	11	8	5	2	17	20	6	3
HOT PEPPERS								
State Total								
Massachusetts	61	191	32	52	63	108	25	48
Counties								
Bristol	15	45	7	9	17	42	3	7
Franklin	5	(D)	1	(D)	6	(D)	2	(D)
Hampshire	8	108	2	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex	9	5	7	3	8	5	5	4
Norfolk	3	(Z)	3	(Z)	4	1	2	(D)
Plymouth	4	1	4	1	(NA)	(NA)	(NA)	(NA)
Worcester	10	3	3	1	7	2	3	1
All other counties	7	(D)	5	1	(NA)	(NA)	(NA)	(NA)
SWEET PEPPERS								
State Total								
Massachusetts	248	471	132	270	290	575	115	245
Counties								
Barnstable	8	11	8	11	9	2	9	2
Berkshire	8	1	4	(Z)	8	5	1	(D)
Bristol	36	123	14	83	46	185	15	70
Essex	30	45	18	33	33	49	19	41
Franklin	11	52	5	(D)	23	116	7	(D)
Hampden	24	78	13	36	28	67	9	22
Hampshire	33	60	11	14	37	68	7	12
Middlesex	40	57	25	26	40	37	19	13
Norfolk	8	3	5	2	7	3	4	1
Plymouth	14	12	11	11	13	17	8	11
Worcester	32	27	14	10	39	26	14	5
All other counties	4	2	4	(D)	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Massachusetts	417	2 271	112	341	465	1 781	91	223
Counties								
Barnstable	10	24	6	9	11	10	9	7
Berkshire	17	115	1	(D)	24	86	–	–
Bristol	44	155	12	43	55	214	14	47
Essex	37	220	4	27	48	164	12	48
Franklin	33	119	8	34	39	149	2	(D)
Hampden	37	156	8	14	29	113	2	(D)
Hampshire	46	329	6	12	50	217	3	(D)
Middlesex	64	532	23	65	82	389	19	54
Norfolk	17	90	7	10	13	52	4	5
Plymouth	27	114	14	77	25	67	5	10
Worcester	82	414	20	48	84	313	17	18
All other counties	3	5	3	(D)	(NA)	(NA)	(NA)	(NA)
RADISHES								
State Total								
Massachusetts	21	27	15	26	28	70	11	24
Counties								
Hampshire	3	1	2	(D)	3	1	3	(Z)
Middlesex	3	(Z)	2	(D)	5	2	2	(D)
Worcester	5	1	3	1	4	1	2	(D)
All other counties	10	25	8	25	(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								
Massachusetts	21	26	7	9	7	17	2	(D)
Counties								
Bristol	5	5	2	(D)	(NA)	(NA)	(NA)	(NA)
Essex	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Worcester	4	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	9	(D)	4	1	(NA)	(NA)	(NA)	(NA)
SPINACH								
State Total								
Massachusetts	22	8	15	6	26	17	11	9
Counties								
Essex	3	1	2	(D)	7	4	4	(D)
Hampshire	3	2	1	(D)	3	(D)	–	–
Middlesex	5	2	5	2	3	(D)	2	(D)
Worcester	4	1	3	1	5	1	2	(D)
All other counties	7	2	4	2	(NA)	(NA)	(NA)	(NA)
SQUASH								
State Total								
Massachusetts	424	2 187	164	604	494	2 447	132	481
Counties								
Barnstable	13	8	11	7	14	9	11	7
Berkshire	20	184	2	(D)	20	30	1	(D)
Bristol	63	677	21	270	77	849	23	256
Dukes	4	(D)	4	(D)	7	(D)	4	4
Essex	32	137	12	36	46	161	19	55
Franklin	31	144	9	38	46	205	4	(D)
Hampden	28	116	11	35	26	97	4	9
Hampshire	59	501	9	43	68	553	7	12
Middlesex	64	169	34	88	83	290	25	62
Nantucket	1	(D)	1	(D)	2	(D)	2	(D)
Norfolk	15	62	5	3	13	42	7	8
Plymouth	29	48	19	29	26	90	8	44
Worcester	65	136	26	48	66	108	17	13
SWEET CORN								
State Total								
Massachusetts	500	6 800	206	2 623	549	7 598	136	2 063
Counties								
Barnstable	11	67	10	55	9	159	6	152
Berkshire	32	314	1	(D)	40	399	3	11
Bristol	52	775	26	274	65	951	17	189
Dukes	2	(D)	2	(D)	4	(D)	2	(D)
Essex	44	636	20	323	66	1 013	15	236
Franklin	36	359	11	(D)	38	443	7	286
Hampden	41	533	16	195	40	706	6	155
Hampshire	60	1 022	12	119	60	762	6	91
Middlesex	79	1 176	41	595	72	1 079	31	458
Nantucket	3	(D)	3	(D)	2	(D)	2	(D)
Norfolk	22	263	12	91	17	194	6	102
Plymouth	28	454	19	313	34	667	14	98
Worcester	90	1 116	33	384	102	1 146	21	224
TOMATOES								
State Total								
Massachusetts	388	422	197	226	431	564	153	239
Counties								
Barnstable	19	20	14	19	15	13	12	8
Berkshire	19	5	5	1	15	(D)	1	(D)
Bristol	37	50	16	16	45	67	15	25
Dukes	3	(D)	3	(D)	9	8	5	7
Essex	40	47	22	30	58	97	22	48
Franklin	16	14	6	9	33	62	8	(D)
Hampden	27	41	12	14	39	72	10	20
Hampshire	35	47	8	10	48	61	6	3
Middlesex	70	64	46	41	66	68	33	42
Nantucket	4	(D)	4	(D)	3	(D)	3	(D)
Norfolk	19	22	10	11	15	14	7	6
Plymouth	35	34	25	26	21	21	12	14
Worcester	64	71	26	41	64	62	19	18

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
TURNIPS								
State Total								
Massachusetts	20	36	5	15	15	48	6	(D)
Counties								
Bristol	9	33	3	(D)	7	36	2	(D)
Essex	4	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	7	3	2	(D)	(NA)	(NA)	(NA)	(NA)
TURNIP GREENS								
State Total								
Massachusetts	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Counties								
Middlesex	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Massachusetts	80	380	39	169	57	249	15	32
Counties								
Barnstable	7	14	6	14	(NA)	(NA)	(NA)	(NA)
Berkshire	4	9	1	(D)	7	19	1	(D)
Bristol	5	9	4	4	6	27	–	–
Dukes	4	(D)	3	1	5	6	3	2
Essex	9	65	4	57	4	21	2	(D)
Franklin	4	17	2	(D)	5	15	–	–
Hampshire	10	32	2	(D)	8	9	1	(D)
Middlesex	12	63	5	20	8	122	3	20
Worcester	17	72	8	20	6	22	1	(D)
All other counties	8	(D)	4	46	(NA)	(NA)	(NA)	(NA)
WATERCRESS								
State Total								
Massachusetts	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Counties								
Middlesex	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
WATERMELONS								
State Total								
Massachusetts	21	12	17	9	30	37	8	24
Counties								
Franklin	4	3	3	2	8	2	–	–
Hampden	4	2	4	2	5	(D)	1	(D)
Hampshire	4	3	2	(D)	3	2	2	(D)
Middlesex	4	1	4	1	6	2	3	1
All other counties	5	3	4	(D)	(NA)	(NA)	(NA)	(NA)
OTHER VEGETABLES								
State Total								
Massachusetts	77	205	30	104	45	153	17	73
Counties								
Berkshire	6	10	1	(D)	3	(D)	–	–
Bristol	10	14	5	10	3	5	2	(D)
Essex	8	11	2	(D)	5	16	3	6
Franklin	9	63	2	(D)	9	43	2	(D)
Hampden	5	16	2	(D)	4	(D)	2	(D)
Hampshire	8	17	1	(D)	7	24	3	12
Middlesex	8	18	4	13	(NA)	(NA)	(NA)	(NA)
Norfolk	5	6	3	3	3	(D)	1	(D)
Plymouth	4	(D)	3	(D)	–	–	–	–
Worcester	11	35	4	12	7	17	1	(D)
All other counties	3	(D)	3	2	(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								
Massachusetts	431	6 546	73	584	525	7 848	60	476
Counties								
Barnstable	13	26	5	2	10	78	4	(D)
Berkshire	16	141	1	(D)	19	193	2	(D)
Bristol	47	353	9	34	50	341	7	34
Dukes	5	(D)	2	(D)	4	(D)	–	–
Essex	26	369	7	22	41	369	10	32
Franklin	41	590	4	17	57	1 050	9	33
Hampden	43	711	5	48	57	825	2	(D)
Hampshire	39	408	5	8	44	733	3	1
Middlesex	56	902	15	135	53	819	4	(D)
Nantucket	1	(D)	1	(D)	1	(D)	1	(D)
Norfolk	10	108	2	(D)	15	122	3	12
Plymouth	20	86	5	24	41	211	8	39
Worcester	114	2 838	12	212	133	3 086	7	192

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									
Massachusetts 1997	388	5 795	579 004	236	81 317	357	497 687	315	57 230 217
1992	477	7 035	612 238	264	108 944	443	503 294	346	85 527 484
Counties, 1997									
Barnstable	10	18	1 424	5	114	8	1 310	6	(D)
Berkshire	16	(D)	(D)	3	(D)	16	(D)	16	1 491 431
Bristol	42	198	19 186	25	3 032	40	16 154	34	721 275
Dukes	3	(D)	(D)	2	(D)	2	(D)	2	(D)
Essex	22	302	30 052	18	4 556	17	25 496	14	2 896 106
Franklin	40	540	63 283	23	17 470	37	45 813	33	7 021 296
Hampden	41	618	59 623	24	4 402	36	55 221	33	6 497 916
Hampshire	33	369	33 994	22	4 646	30	29 348	24	2 374 903
Middlesex	53	818	87 078	36	10 792	49	76 286	43	7 891 172
Norfolk	7	92	7 769	4	1 425	7	6 344	6	1 081 200
Plymouth	16	75	7 270	8	2 580	15	4 690	15	257 860
Worcester	105	2 627	258 287	66	30 823	100	227 464	89	26 876 956
APRICOTS									
State Total									
Massachusetts 1997	5	(D)	18	4	(D)	2	(D)	2	(D)
1992	6	(D)	21	1	(D)	6	(D)	3	(D)
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Massachusetts 1997	44	38	978	22	375	32	603	22	13 309
1992	52	24	1 146	20	234	45	912	17	15 911
Counties, 1997									
Bristol	5	1	28	2	(D)	3	(D)	2	(D)
Essex	5	(D)	(D)	2	(D)	3	(D)	2	(D)
Franklin	5	(D)	236	4	(D)	3	(D)	2	(D)
Hampden	9	8	282	6	154	5	128	4	4 510
Hampshire	5	1	120	3	(D)	5	(D)	3	260
Middlesex	3	2	(D)	2	(D)	2	(D)	2	(D)
Worcester	9	2	45	2	(D)	8	(D)	5	(D)
All other counties	3	1	(D)	1	(D)	3	34	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									
State Total									
Massachusetts .....1997..	40	26	724	16	341	30	383	21	8 322
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997									
Bristol	5	1	18	2	(D)	3	(D)	2	(D)
Essex	5	(D)	(D)	2	(D)	3	(D)	2	(D)
Franklin	3	(D)	(D)	2	(D)	2	(D)	2	(D)
Hampden	8	7	219	6	(D)	4	(D)	3	(D)
Hampshire	5	1	(D)	1	(D)	5	12	3	(D)
Middlesex.....	3	1	(D)	1	(D)	2	(D)	2	(D)
Worcester	8	1	29	1	(D)	8	(D)	5	(D)
All other counties	3	1	(D)	1	(D)	3	32	2	(D)
TART CHERRIES									
State Total									
Massachusetts .....1997..	30	12	254	14	34	19	220	14	4 987
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997									
Barnstable	2	(D)	(D)	–	–	2	(D)	2	(D)
Bristol	3	(Z)	10	2	(D)	1	(D)	1	(D)
Essex	3	(D)	(D)	–	–	3	(D)	2	(D)
Franklin	5	2	(D)	3	15	3	(D)	2	(D)
Hampden	6	2	63	4	(D)	3	(D)	2	(D)
Hampshire	4	(Z)	(D)	2	(D)	2	(D)	2	(D)
Middlesex.....	3	1	(D)	2	(D)	2	(D)	2	(D)
Worcester	4	1	16	1	(D)	3	(D)	1	(D)
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Massachusetts .....1997..	81	189	120 350	53	42 642	68	77 708	52	519 634
1992..	94	197	115 688	56	10 530	84	105 158	54	538 817
Counties, 1997									
Barnstable	4	(D)	(D)	2	(D)	3	(D)	3	(D)
Bristol	7	105	(D)	4	(D)	7	57 324	7	381 150
Essex	11	5	2 044	8	718	7	1 326	6	1 580
Franklin	5	1	98	2	(D)	4	(D)	3	(D)
Hampden	3	(D)	(D)	3	(D)	2	(D)	–	–
Hampshire	9	4	1 391	5	65	9	1 326	8	7 160
Middlesex.....	10	18	5 285	6	(D)	10	(D)	7	1 426
Plymouth	7	(D)	1 865	4	(D)	5	(D)	5	(D)
Worcester	20	28	9 994	16	3 486	17	6 508	11	85 410
All other counties	5	16	7 440	3	1 330	4	6 110	2	(D)
NECTARINES									
State Total									
Massachusetts .....1997..	6	6	520	3	67	5	453	5	30 400
1992..	3	2	180	2	(D)	3	(D)	3	27 750
Counties, 1997									
Worcester	3	3	300	1	(D)	3	(D)	3	(D)
All other counties	3	3	220	2	(D)	2	(D)	2	(D)
PEACHES									
State Total									
Massachusetts .....1997..	154	378	41 560	99	6 660	146	34 900	128	1 986 645
1992..	176	393	35 651	100	6 442	162	29 209	122	1 407 504
Counties, 1997									
Barnstable	6	2	223	5	44	5	179	3	(D)
Bristol	22	37	3 381	14	603	21	2 778	17	158 656
Dukes	2	(D)	(D)	1	(D)	1	(D)	1	(D)
Essex	10	41	4 712	7	794	10	3 918	9	258 870
Franklin	12	38	4 617	10	790	10	3 827	9	149 236
Hampden	19	60	6 160	12	1 026	16	5 134	16	306 633
Hampshire	14	22	2 852	8	192	14	2 660	9	(D)
Middlesex.....	17	36	4 081	7	638	17	3 443	17	212 433
Norfolk	3	(D)	400	1	(D)	3	(D)	2	(D)
Plymouth	3	(D)	(D)	2	(D)	3	(D)	2	(D)
Worcester	46	132	14 774	32	2 390	46	12 384	43	774 927

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
PEARS									
State Total									
Massachusetts .....1997..	73	113	8 836	26	370	65	8 466	51	640 258
1992..	86	144	11 196	30	1 579	78	9 617	57	892 414
Counties, 1997									
Bristol	11	(D)	1 460	3	20	9	1 440	6	(D)
Franklin	6	5	366	4	54	4	312	3	(D)
Hampden	15	18	1 300	4	35	13	1 265	11	67 932
Hampshire	10	7	141	5	26	10	115	5	(D)
Middlesex.....	6	28	1 828	1	(D)	5	(D)	5	128 170
Worcester	19	34	2 736	5	(D)	19	(D)	17	291 232
All other counties	6	(D)	1 005	4	115	5	890	4	69 150
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Massachusetts .....1997..	15	15	656	6	156	14	500	11	21 058
1992..	33	28	1 581	23	440	29	1 141	17	17 965
Counties, 1997									
Barnstable	1	(D)	(D)	1	(D)	–	–	–	–
Hampden	3	(D)	(D)	–	–	3	(D)	2	(D)
Hampshire	3	(D)	(D)	–	–	3	(D)	1	(D)
Norfolk	1	(D)	(D)	1	(D)	1	(D)	1	(D)
Worcester	7	5	269	4	(D)	7	(D)	7	14 208
OTHER NUTS (IN SHELL)									
State Total									
Massachusetts .....1997..	1	(D)	(D)	1	(D)	–	–	–	–
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties, 1997									
Worcester	1	(D)	(D)	1	(D)	–	–	–	–
OTHER FRUITS AND NUTS (SEE TEXT)									
State Total									
Massachusetts .....1997..	12	6	289	6	103	12	186	9	980
1992..	8	23	2 214	6	319	7	1 895	6	(D)
Counties, 1997									
Franklin	3	1	27	–	–	3	27	2	(D)
Hampshire	6	4	207	3	86	6	121	4	740
All other counties	3	1	55	3	17	3	38	3	(D)

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										
Massachusetts	969	15 047	(X)	733	14 275	949	13 471	(X)	639	(D)
Counties										
Barnstable	108	(D)	(X)	100	(D)	82	1 004	(X)	76	996
Berkshire	27	32	(X)	9	(D)	21	29	(X)	8	(D)
Bristol	80	(D)	(X)	61	686	72	665	(X)	46	(D)
Dukes	9	(D)	(X)	7	(D)	8	(D)	(X)	5	12
Essex	40	136	(X)	17	(D)	52	(D)	(X)	26	68
Franklin	35	232	(X)	7	(D)	46	304	(X)	8	25
Hampden	42	(D)	(X)	18	117	42	(D)	(X)	7	56
Hampshire	41	87	(X)	14	(D)	56	112	(X)	11	19
Middlesex	44	103	(X)	30	80	58	111	(X)	25	(D)
Nantucket	3	(D)	(X)	3	(D)	4	(D)	(X)	3	(D)
Norfolk	16	64	(X)	13	56	11	46	(X)	8	41
Plymouth	445	11 314	(X)	430	11 278	412	10 391	(X)	397	(D)
Worcester	79	(D)	(X)	24	71	85	(D)	(X)	19	62
BLACKBERRIES (POUNDS)										
State Total										
Massachusetts	8	2	1 981	2	(D)	18	4	4 289	8	2
TAME BLUEBERRIES (POUNDS)										
State Total										
Massachusetts	215	469	945 054	81	168	214	414	782 677	58	116
Counties										
Barnstable	13	17	16 863	8	5	13	17	21 080	8	10
Berkshire	10	7	11 120	4	5	9	4	10 475	1	(D)
Bristol	24	27	61 846	10	11	19	30	44 376	6	16
Dukes	5	5	12 755	4	5	(NA)	(NA)	(NA)	(NA)	(NA)
Essex	17	36	46 870	7	18	23	30	44 432	9	9
Franklin	14	30	38 478	2	(D)	23	31	38 450	5	1
Hampden	27	160	369 283	9	52	22	69	129 701	3	(D)
Hampshire	19	46	143 179	4	(D)	20	64	208 805	4	4
Middlesex	21	22	44 600	12	12	18	18	27 059	3	5
Norfolk	3	15	24 500	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	18	40	45 685	9	15	18	45	65 630	9	24
Worcester	44	65	129 875	10	22	45	97	179 342	6	21
WILD BLUEBERRIES (POUNDS)										
State Total										
Massachusetts	23	278	162 966	2	(D)	31	330	271 648	2	(D)
Counties										
Essex	3	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	7	162	111 573	–	–	5	214	116 000	–	–
Hampden	3	(D)	(D)	–	–	4	52	74 215	–	–
Worcester	5	24	(D)	–	–	10	44	33 903	–	–
All other counties	5	(D)	5 850	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
CRANBERRIES (CWT)										
State Total										
Massachusetts	542	13 732	2 039 538	542	13 732	479	12 186	1 789 781	479	12 186
Counties										
Barnstable	78	1 594	200 564	78	1 594	61	970	112 955	61	970
Bristol	44	654	84 904	44	654	35	595	68 158	35	595
Norfolk	5	42	3 954	5	42	3	(D)	(D)	3	(D)
Plymouth	412	11 218	1 732 138	412	11 218	378	10 320	1 573 664	378	10 320
All other counties	3	225	17 978	3	225	(NA)	(NA)	(NA)	(NA)	(NA)
CURRANTS (POUNDS)										
State Total										
Massachusetts	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

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)										
State Total										
Massachusetts	137	136	178 668	60	80	161	140	207 008	56	64
Counties										
Barnstable	6	1	230	4	1	6	1	1 240	4	1
Berkshire	8	2	1 035	1	(D)	5	2	2 455	2	(D)
Bristol	5	3	900	3	2	5	(D)	3 150	2	(D)
Essex	15	21	23 785	11	17	23	23	45 717	13	14
Franklin	8	13	17 475	4	8	16	23	38 700	4	(D)
Hampden	13	19	20 414	4	11	14	19	21 140	2	(D)
Hampshire	14	11	9 620	3	1	20	12	21 387	5	2
Middlesex	17	11	8 270	10	4	23	17	20 522	7	7
Plymouth	8	20	(D)	8	20	8	3	4 280	6	2
Worcester	39	31	58 103	8	13	35	26	27 829	7	10
All other counties	4	4	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
STRAWBERRIES (POUNDS)										
State Total										
Massachusetts	212	425	1 564 481	127	290	249	397	1 792 224	110	246
Counties										
Barnstable	15	17	34 024	14	17	10	16	33 425	9	16
Berkshire	10	23	43 709	4	7	10	22	71 900	5	5
Bristol	19	31	92 090	10	20	19	37	116 166	7	25
Dukes	3	7	23 351	3	7	3	(D)	(D)	2	(D)
Essex	27	76	246 628	14	40	33	63	250 473	16	44
Franklin	14	27	198 622	5	23	19	34	241 959	5	(D)
Hampden	17	79	294 370	12	54	16	55	242 854	6	34
Hampshire	20	30	132 305	10	18	30	26	147 795	9	13
Middlesex	22	43	136 614	16	37	37	55	315 061	20	38
Nantucket	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Norfolk	6	(D)	(D)	4	(D)	7	14	52 500	4	10
Plymouth	21	33	129 645	15	26	19	16	18 375	11	10
Worcester	37	50	202 258	19	36	44	51	271 780	14	31
OTHER BERRIES (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Hampshire	1	(D)	(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								
Massachusetts	1 375	12 441 420	6 891	128 192	920	10 858 949	3 834	88 018
Counties								
Barnstable	58	374 944	127	4 584	43	210 621	55	2 425
Berkshire	81	471 916	527	4 812	36	422 017	53	2 299
Bristol	124	1 286 198	373	11 121	111	1 465 089	356	9 948
Dukes	17	76 294	26	(D)	11	30 660	22	260
Essex	150	1 432 191	606	14 349	98	1 132 756	323	8 821
Franklin	114	634 830	1 260	8 759	73	517 062	899	6 048
Hampden	121	1 100 675	674	8 400	69	978 398	202	5 277
Hampshire	112	855 839	392	5 317	58	575 953	169	3 851
Middlesex	184	3 373 578	1 245	41 250	139	2 591 994	889	27 169
Nantucket	12	168 780	(D)	1 063	9	(D)	6	(D)
Norfolk	64	585 802	137	5 533	63	1 265 100	80	6 259
Plymouth	104	621 924	342	4 816	67	504 100	191	4 062
Suffolk	5	51 905	(D)	(D)	2	(D)	–	(D)
Worcester	229	1 406 544	1 173	17 335	141	1 056 659	590	10 863

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								
Massachusetts	354	(X)	1 624	(X)	231	(X)	963	(X)
Counties								
Barnstable	23	(X)	36	(X)	16	(X)	44	(X)
Berkshire	8	(X)	49	(X)	5	(X)	11	(X)
Bristol	26	(X)	120	(X)	29	(X)	202	(X)
Dukes	10	(X)	16	(X)	7	(X)	20	(X)
Essex	40	(X)	121	(X)	23	(X)	69	(X)
Franklin	26	(X)	534	(X)	15	(X)	229	(X)
Hampden	30	(X)	83	(X)	10	(X)	14	(X)
Hampshire	17	(X)	38	(X)	12	(X)	14	(X)
Middlesex	66	(X)	251	(X)	45	(X)	150	(X)
Nantucket	8	(X)	(D)	(X)	7	(X)	6	(X)
Norfolk	18	(X)	50	(X)	14	(X)	30	(X)
Plymouth	29	(X)	113	(X)	23	(X)	116	(X)
Suffolk	1	(X)	(D)	(X)	–	(X)	–	(X)
Worcester	52	(X)	206	(X)	25	(X)	58	(X)
FLORICULTURE CROPS—BEDDING/GARDEN PLANTS, FOLIAGE, POTTED FLOWERING PLANTS, AND CUT FLOWERS, TOTAL								
State Total								
Massachusetts	760	11 082 491	706	85 213	691	9 713 079	568	57 387
Counties								
Barnstable	39	311 244	22	1 746	33	183 425	15	1 218
Berkshire	28	407 416	13	2 455	26	320 444	(D)	1 328
Bristol	65	993 364	52	6 466	77	1 076 463	53	5 389
Dukes	13	50 894	19	442	10	28 580	(D)	225
Essex	90	1 379 340	77	11 578	76	1 078 360	(D)	7 478
Franklin	54	551 418	127	4 595	51	461 664	115	3 443
Hampden	54	862 853	33	5 856	50	810 857	33	4 300
Hampshire	53	782 359	33	3 602	46	564 557	25	2 932
Middlesex	122	3 292 608	185	32 842	105	2 542 786	148	17 285
Nantucket	11	(D)	7	888	8	(D)	(D)	(D)
Norfolk	45	516 012	29	4 077	47	1 122 950	(D)	4 761
Plymouth	53	560 018	30	3 221	52	487 550	42	3 494
Suffolk	5	(D)	–	251	1	(D)	–	(D)
Worcester	128	1 193 680	80	7 195	109	941 103	20	4 945
BEDDING/GARDEN PLANTS								
State Total								
Massachusetts	634	6 357 534	470	53 145	519	5 028 360	265	26 127
Counties								
Barnstable	25	251 944	13	1 561	27	153 125	8	984
Berkshire	25	154 916	10	1 279	20	190 044	(D)	804
Bristol	57	646 144	33	2 749	58	559 037	34	2 074
Dukes	13	50 894	15	417	8	(D)	(D)	(D)
Essex	76	812 872	38	7 287	58	624 712	21	4 800
Franklin	45	361 260	113	3 659	35	257 939	(D)	2 582
Hampden	45	543 471	15	3 307	37	389 766	7	1 351
Hampshire	40	208 860	9	832	28	69 545	11	353
Middlesex	93	1 798 026	139	23 062	70	1 346 924	(D)	7 490
Nantucket	8	85 030	4	749	4	(D)	–	(D)
Norfolk	37	302 622	13	2 032	39	599 130	5	1 945
Plymouth	47	328 498	15	1 689	41	253 406	(D)	1 100
Suffolk	4	35 905	–	191	–	–	–	–
Worcester	119	777 092	53	4 332	94	528 132	12	2 284
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Massachusetts	130	1 079 546	155	6 309	173	1 225 690	170	7 703

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 FLOWERS AND CUT FLORIST GREENS—Con.								
Counties								
Barnstable	12	–	(D)	32	5	(D)	6	6
Berkshire	5	(D)	(D)	(D)	8	(D)	(D)	(D)
Bristol	5	–	13	(D)	11	31 050	5	160
Essex	11	(D)	25	(D)	12	10 300	26	106
Franklin	12	(D)	(D)	(D)	18	(D)	14	(D)
Hampden	8	(D)	12	391	18	93 882	20	(D)
Hampshire	12	(D)	(D)	(D)	17	(D)	12	(D)
Middlesex	27	425 894	24	2 689	33	554 702	45	3 975
Nantucket	5	(D)	3	(D)	4	(D)	(D)	(D)
Norfolk	8	(D)	15	(D)	7	(D)	4	27
Plymouth	7	(D)	8	(D)	13	(D)	18	(D)
Worcester	15	27 800	14	198	22	19 816	6	82
All other counties	3	2 000	3	24	(NA)	(NA)	(NA)	(NA)
FOLIAGE PLANTS								
State Total								
Massachusetts	50	516 540	11	2 802	73	531 280	13	2 680
Counties								
Barnstable	4	2 700	–	11	3	(D)	–	17
Berkshire	4	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Bristol	4	(D)	(D)	(D)	10	60 900	(D)	337
Essex	3	(D)	(D)	(D)	6	90 700	–	347
Hampden	5	(D)	(D)	364	5	58 166	(D)	(D)
Middlesex	7	30 844	5	316	7	32 000	(D)	308
Plymouth	4	(D)	–	(D)	5	(D)	(D)	(D)
Worcester	14	52 600	(D)	390	18	51 644	(D)	277
All other counties	5	15 650	(Z)	63	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Massachusetts	234	3 128 871	71	22 958	257	2 927 749	120	20 878
Counties								
Barnstable	12	56 600	(D)	142	10	26 400	1	210
Berkshire	12	34 400	(D)	203	8	103 400	(D)	288
Bristol	14	(D)	(D)	3 579	29	425 476	(D)	2 819
Essex	33	494 168	(D)	3 915	35	352 648	(D)	2 226
Franklin	9	167 220	(D)	805	8	166 225	(D)	663
Hampden	18	180 350	(D)	1 793	16	269 043	(D)	2 063
Hampshire	14	121 257	(D)	519	15	44 512	(D)	196
Middlesex	43	1 037 844	18	6 775	46	609 160	65	5 512
Norfolk	19	198 150	(D)	1 918	24	361 580	(D)	2 328
Plymouth	16	159 520	7	971	21	194 344	11	2 161
Worcester	39	336 188	(D)	2 275	41	341 511	(D)	2 301
All other counties	5	(D)	2	62	(NA)	(NA)	(NA)	(NA)
BULBS, CORMS, RHIZOMES, AND TUBERS (DRY)								
State Total								
Massachusetts	20	85 420	30	(D)	11	–	14	(D)
Counties								
Hampden	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Worcester	6	(D)	(D)	(D)	5	–	6	13
All other counties	10	19 000	27	543	(NA)	(NA)	(NA)	(NA)
CUT CHRISTMAS TREES HARVESTED (SEE TEXT)								
State Total								
Massachusetts	380	(X)	142	2 239	(NA)	(NA)	(NA)	(NA)
Counties								
Barnstable	8	(X)	2	19	(NA)	(NA)	(NA)	(NA)
Berkshire	33	(X)	8	127	(NA)	(NA)	(NA)	(NA)
Bristol	26	(X)	9	156	(NA)	(NA)	(NA)	(NA)
Dukes	2	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Essex	45	(X)	18	354	(NA)	(NA)	(NA)	(NA)
Franklin	42	(X)	35	356	(NA)	(NA)	(NA)	(NA)
Hampden	45	(X)	19	354	(NA)	(NA)	(NA)	(NA)
Hampshire	38	(X)	9	148	(NA)	(NA)	(NA)	(NA)
Middlesex	41	(X)	6	99	(NA)	(NA)	(NA)	(NA)
Norfolk	5	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth	26	(X)	5	98	(NA)	(NA)	(NA)	(NA)
Worcester	69	(X)	31	514	(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)
MUSHROOMS								
State Total								
Massachusetts	3	(D)	(X)	(D)	(NA)	(NA)	(X)	(NA)
NURSERY CROPS								
State Total								
Massachusetts	208	409 906	2 174	31 013	255	509 749	2 707	26 696
Counties								
Barnstable	11	(D)	(D)	(D)	14	20 096	41	1 142
Berkshire	8	(D)	(D)	398	12	(D)	21	199
Bristol	30	59 100	158	2 985	33	206 298	301	3 764
Dukes	5	–	(D)	15	3	(D)	5	(D)
Essex	19	20 024	164	1 830	27	(D)	267	1 279
Franklin	15	(D)	334	2 435	20	41 500	387	1 763
Hampden	20	(D)	140	1 118	15	(D)	154	544
Hampshire	14	(D)	(D)	1 019	14	(D)	138	871
Middlesex	28	(D)	(D)	8 059	34	(D)	699	9 599
Nantucket	2	(D)	(D)	(D)	3	–	3	32
Norfolk	16	(D)	72	1 211	22	(D)	55	1 488
Plymouth	16	(D)	(D)	311	19	(D)	73	486
Worcester	24	(D)	414	(D)	39	(D)	564	(D)
SOD HARVESTED								
State Total								
Massachusetts	7	(X)	591	1 410	8	(X)	475	855
VEGETABLE AND FLOWER SEEDS								
State Total								
Massachusetts	28	(D)	16	105	34	98 780	64	267
Counties								
Hampden	3	(D)	(D)	7	6	64 340	(D)	62
Hampshire	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Middlesex	3	2 600	–	(D)	3	(D)	(D)	(D)
Plymouth	3	10 200	–	(D)	3	(D)	–	(D)
Worcester	6	5 730	(D)	12	3	(D)	(D)	10
All other counties	9	7 250	11	47	(NA)	(NA)	(NA)	(NA)
GREENHOUSE VEGETABLES								
State Total								
Massachusetts	97	733 343	(X)	3 434	68	418 040	(X)	1 759
Counties								
Barnstable	9	29 050	(X)	138	4	2 500	(X)	5
Berkshire	3	12 840	(X)	37	3	(D)	(X)	19
Bristol	12	225 834	(X)	1 462	10	164 700	(X)	677
Essex	8	29 927	(X)	81	8	13 756	(X)	42
Franklin	9	(D)	(X)	84	4	9 152	(X)	35
Hampden	6	139 400	(X)	468	8	71 400	(X)	311
Hampshire	10	62 050	(X)	361	3	4 500	(X)	16
Middlesex	12	39 450	(X)	169	15	40 408	(X)	186
Norfolk	6	34 200	(X)	180	(NA)	(NA)	(X)	(NA)
Plymouth	4	7 206	(X)	33	(NA)	(NA)	(X)	(NA)
Worcester	14	43 574	(X)	156	8	78 756	(X)	(D)
All other counties	4	(D)	(X)	265	(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)
OTHER NURSERY AND GREENHOUSE CROPS								
State Total								
Massachusetts	493	65 450	3 233	2 346	24	(D)	6	285
Counties								
Barnstable	15	6 250	75	118	(NA)	(NA)	(NA)	(NA)
Berkshire	47	(D)	361	58	1	–	(D)	(D)
Bristol	36	(D)	155	(D)	5	(D)	(D)	108
Dukes	3	(D)	(D)	(D)	–	–	–	–
Essex	51	(D)	344	449	4	5 100	–	20
Franklin	54	–	387	(D)	(NA)	(NA)	(NA)	(NA)
Hampden	57	–	465	(D)	(NA)	(NA)	(NA)	(NA)
Hampshire	46	7 200	232	(D)	1	–	(D)	(D)
Middlesex	52	(D)	351	23	3	(D)	(D)	29
Norfolk	7	(D)	(D)	(D)	–	–	–	–
Plymouth	42	(D)	193	(D)	2	–	(D)	(D)
Worcester	83	(D)	634	207	3	(D)	(D)	(D)

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										
Massachusetts	1	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Counties										
Essex	1	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
GINSENG (POUNDS)										
State Total										
Massachusetts	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Franklin	1	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
MAPLE TREES TAPPED (SEE TEXT) (NUMBER OF TAPS)										
State Total										
Massachusetts	214	1 790	182 909	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Berkshire	34	194	16 565	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Dukes	1	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Essex	6	20	801	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	84	990	96 836	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Hampden	11	134	8 550	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Hampshire	51	383	51 755	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Middlesex	5	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Norfolk	1	(D)	(D)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Worcester	21	61	7 792	(X)	(X)	(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
OTHER										
State Total										
Massachusetts	16	83	(X)	3	16	31	155	(X)	5	14
Counties										
Franklin	4	(D)	(X)	1	(D)	8	30	(X)	1	(D)
Hampshire	8	42	(X)	2	(D)	17	110	(X)	2	(D)
All other counties	4	(D)	(X)	–	–	(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											
Massachusetts 1997	36	1 309	25	429	2 409	1	2	13	6	5	9
1992	30	1 375	23	364	2 132	2	1	7	4	4	12
COUNTIES, 1997											
Barnstable	4	89	2	(D)	103	–	1	1	–	1	1
Franklin	4	405	4	42	115	–	–	3	–	1	–
Norfolk	4	20	3	3	962	1	–	2	–	–	1
Plymouth	11	142	6	37	255	–	1	3	2	2	3
Worcester	3	73	2	(D)	123	–	–	–	–	–	3
All other counties	10	580	8	302	851	–	–	4	4	1	1

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									
Massachusetts 1997	31	847	167	3	(D)	(D)	2	(D)	(D)
1992	24	865	190	6	510	174	–	–	–
COUNTIES, 1997									
Barnstable	4	89	(D)	–	–	–	–	–	–
Franklin	3	(D)	(D)	1	(D)	(D)	–	–	–
Norfolk	4	20	3	–	–	–	–	–	–
Plymouth	11	142	37	–	–	–	–	–	–
Worcester	3	73	(D)	–	–	–	–	–	–
All other counties	6	(D)	46	2	(D)	(D)	2	(D)	(D)

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				
Massachusetts ..... 1997..	15	256	9	208
1992..	10	226	8	(D)
Counties, 1997				
Barnstable	3	(D)	2	(D)
Plymouth	9	(D)	6	101
All other counties	3	65	1	(D)
AMERICAN INDIAN				
State Total				
Massachusetts ..... 1997..	5	111	2	(D)
1992..	5	366	3	(D)
ASIAN OR PACIFIC ISLANDER				
State Total				
Massachusetts ..... 1997..	11	145	7	89
1992..	10	405	5	220
Counties, 1997				
Norfolk	3	(D)	3	(D)
All other counties	8	(D)	4	(D)
OTHER RACES (SEE TEXT)				
State Total				
Massachusetts ..... 1997..	5	797	4	(D)
1992..	5	378	3	(D)

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				
Massachusetts ..... 1997..	37	4 293	18	3 459
1992..	31	1 613	11	1 093
COUNTIES, 1997				
Bristol	7	390	4	364
Essex	4	184	3	(D)
Franklin	3	112	1	(D)
Hampden	3	(D)	1	(D)
Hampshire	3	9	2	(D)
Middlesex.....	3	39	–	–
Plymouth	5	(D)	3	(D)
Worcester	4	131	1	(D)
All other counties	5	1 293	3	741

Table 39. **Farms With Grazing Permits: 1997 and 1992**

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

Geographic area	Land in farms		Farms by land in farms						Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other
FARMS WITH GRAZING PERMITS												
State Total												
Massachusetts ..... 1997..	11	656	7	4	–	–	–	–	4	–	–	7
1992..	13	1 734	7	3	3	–	–	–	4	2	3	11

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

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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.

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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

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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

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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**

[Not published for this State]

Table B. **State Highlights of Farms Operated by American Indians: 1997**

[Not published for this State]

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..	14.3	Corn for grain or seed ..... acres..	6.3
Land in farms ..... acres..	9.8	Wheat for grain ..... acres..	–
Estimated market value of land and buildings[1] ..... $1,000..	10.6	Livestock and poultry inventory:	
Market value of agricultural products sold ..... $1,000..	3.1	Cattle and calves ..... number..	6.5
Harvested cropland ..... acres..	8.0	Hogs and pigs ..... number..	12.6
		Layers 20 weeks old and older ..... number..	2.3

[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	6.2	25	39.9
50	3.8	50	27.8
75	2.5	75	22.3
100	1.5	100	19.0
150	1.2	150	15.0
200	1.1	200	12.5
300	.9	300	9.4
500	.7	500	5.8
750	.6	750	2.6
1,000	.5	1,000	2.3
1,500	(X)	1,500	(X)
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	5 574	.7
Land in farms	acres	518 299	.6
Average size of farm	acres	93	1.0
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			
Total sales (see text)	farms	5 574	.7
	$1,000	454 404	.2
Average per farm	dollars	81 522	.7
Farms by value of sales:			
Less than $1,000 (see text)	farms	895	1.4
	$1,000	232	2.1
$1,000 to $2,499	farms	721	1.5
	$1,000	1 173	1.6
$2,500 to $4,999	farms	664	1.5
	$1,000	2 371	1.5
$5,000 to $9,999	farms	707	1.5
	$1,000	5 006	1.5
$10,000 to $19,999	farms	600	1.6
	$1,000	8 321	1.6
$20,000 to $24,999	farms	153	2.9
	$1,000	3 347	2.9
$25,000 to $39,999	farms	358	1.9
	$1,000	11 351	2.0
$40,000 to $49,999	farms	149	2.9
	$1,000	6 554	2.9
$50,000 to $99,999	farms	468	1.7
	$1,000	33 299	1.7
$100,000 to $249,999	farms	484	1.0
	$1,000	74 923	.8
$250,000 to $499,999	farms	203	–
	$1,000	68 337	–
$500,000 or more	farms	172	–
	$1,000	239 488	–
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms	4 029	.7
	$1,000	357 377	.2
Grains	farms	81	3.3
	$1,000	1 310	3.3
Corn for grain	farms	58	3.7
	$1,000	1 180	3.5
Wheat	farms	–	–
	$1,000	–	–
Soybeans	farms	5	12.5
	$1,000	(D)	(D)
Sorghum for grain	farms	–	–
	$1,000	–	–
Barley	farms	–	–
	$1,000	–	–
Oats	farms	2	26.5
	$1,000	(D)	(D)
Other grains	farms	23	6.8
	$1,000	76	9.3
Cotton and cottonseed	farms	–	–
	$1,000	–	–
Tobacco	farms	68	2.7
	$1,000	23 807	.4
Hay, silage, and field seeds	farms	1 435	1.0
	$1,000	11 056	1.4
Vegetables, sweet corn, and melons	farms	931	1.1
	$1,000	37 438	.8
Fruits, nuts, and berries	farms	1 142	1.0
	$1,000	148 247	.3
Nursery and greenhouse crops	farms	1 375	1.0
	$1,000	128 192	.3
Other crops	farms	300	1.9
	$1,000	7 326	.8
Livestock, poultry, and their products	farms	2 089	.9
	$1,000	97 027	.4
Poultry and poultry products	farms	375	1.8
	$1,000	15 900	.7
Dairy products	farms	353	1.3
	$1,000	59 773	.6
Cattle and calves	farms	1 158	1.0
	$1,000	6 424	1.2
Hogs and pigs	farms	269	2.2
	$1,000	2 265	2.8
Sheep, lambs, and wool	farms	396	1.8
	$1,000	475	2.2
Other livestock and livestock products (see text)	farms	557	1.6
	$1,000	12 190	1.2
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	1 226	1.1
	$1,000	19 825	.7
FARM PRODUCTION EXPENSES[1]			
Total farm production expenses	farms	5 565	.7
	$1,000	311 068	.7
Average per farm	dollars	55 897	1.0
Livestock and poultry purchased	farms	1 075	6.0
	$1,000	7 408	4.3
Feed for livestock and poultry	farms	2 161	3.7
	$1,000	31 880	3.2
Commercially mixed formula feeds	farms	1 492	4.8
	$1,000	23 392	3.2
Seeds, bulbs, plants, and trees	farms	2 422	2.9
	$1,000	15 829	1.5
Commercial fertilizer	farms	3 478	2.3
	$1,000	10 273	1.7
Agricultural chemicals	farms	2 425	3.0
	$1,000	8 299	2.1
Petroleum products	farms	5 245	1.1
	$1,000	14 893	1.2
Electricity	farms	3 690	2.2
	$1,000	7 715	1.8
Hired farm labor	farms	2 188	3.1
	$1,000	81 630	.8
Contract labor	farms	690	6.1
	$1,000	7 276	2.9
Repair and maintenance	farms	4 716	1.5
	$1,000	22 779	1.9
Customwork, machine hire, and rental of machinery and equipment	farms	1 061	5.5
	$1,000	7 089	4.1
Interest	farms	1 580	3.9
	$1,000	15 766	3.0
Secured by real estate	farms	1 193	5.0
	$1,000	13 039	3.5
Not secured by real estate	farms	628	6.8
	$1,000	2 727	4.0
Cash rent	farms	900	5.2
	$1,000	6 393	1.8
Property taxes	farms	5 138	1.0
	$1,000	19 915	2.4
All other farm production expenses	farms	5 081	1.2
	$1,000	53 923	1.1
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]			
All farms	number	5 571	.7
	$1,000	135 155	1.6
Average per farm	dollars	24 260	1.7
Farms with net gains[2]	number	2 861	2.3
	$1,000	158 941	1.0
Average net gain	dollars	55 554	2.5
Farms with net losses	number	2 710	2.5
	$1,000	23 785	4.4
Average net loss	dollars	8 777	5.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME			
Government payments	farms	401	1.4
	$1,000	1 209	2.0
Other farm-related income[1]	farms	1 340	5.2
	$1,000	7 773	13.6
Customwork and other agricultural services	farms	416	9.6
	$1,000	3 484	26.8
Gross cash rent or share payments	farms	254	14.5
	$1,000	598	24.4
Forest products, excluding Christmas trees and maple products	farms	487	9.7
	$1,000	1 997	20.9
Other farm-related income sources	farms	452	8.9
	$1,000	1 695	11.9
COMMODITY CREDIT CORPORATION LOANS			
Total	farms	7	5.8
	$1,000	137	.3

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	4 990	.7
	acres	223 573	.7
Harvested cropland	farms	4 587	.7
	acres	168 765	.6
Farms by acres harvested:			
1 to 9 acres	farms	1 978	1.0
	acres	(D)	(D)
10 to 19 acres	farms	755	1.4
	acres	10 036	1.4
20 to 29 acres	farms	453	1.6
	acres	10 456	1.6
30 to 49 acres	farms	489	1.5
	acres	17 860	1.5
50 to 99 acres	farms	469	1.4
	acres	31 347	1.4
100 to 199 acres	farms	279	1.6
	acres	36 069	1.6
200 to 499 acres	farms	146	1.4
	acres	41 571	1.4
500 to 999 acres	farms	14	–
	acres	9 417	–
1,000 acres or more	farms	4	–
	acres	(D)	(D)
Cropland:			
Pasture or grazing only	farms	1 621	1.0
	acres	39 471	1.3
Other cropland	farms	1 006	1.1
	acres	15 337	1.5
Total woodland	farms	3 011	.8
	acres	197 075	.9
Pastureland and rangeland other than cropland and woodland pastured	farms	885	1.2
	acres	24 183	1.7
Land in house lots, ponds, roads, wasteland, etc.	farms	3 734	.7
	acres	73 468	.9
Irrigated land	farms	1 630	.8
	acres	24 564	.6
Acres irrigated:			
1 to 9 acres	farms	1 139	1.1
	acres	(D)	(D)
10 to 49 acres	farms	390	1.3
	acres	8 313	1.1
50 to 99 acres	farms	58	1.0
	acres	3 945	.9
100 to 199 acres	farms	30	–
	acres	3 988	–
200 to 499 acres	farms	12	2.9
	acres	3 696	2.8
500 to 999 acres	farms	–	–
	acres	–	–
1,000 acres or more	farms	1	–
	acres	(D)	(D)
Harvested cropland irrigated	farms	1 614	.8
	acres	24 269	.6
Pasture and other land irrigated	farms	45	4.9
	acres	295	4.0
Land under Conservation Reserve or Wetlands Reserve Programs	farms	71	4.0
	acres	2 690	7.2
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	5 571	.7
	$1,000	2 534 884	2.3
Average per farm	dollars	455 014	2.4
Average per acre	dollars	5 207	3.7
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	5 571	.7
	$1,000	225 043	2.2
Average per farm	dollars	40 395	2.3
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	3 442	2.4
	acres on which used	112 983	2.7

See footnotes at end of table.

Item		Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR			
All operators	farms	5 574	.7
	acres	518 299	.6
Full owners	farms	3 791	.8
	acres	276 129	.9
Part owners	farms	1 313	.9
	acres	212 684	.9
Tenants	farms	470	1.6
	acres	29 486	1.8
OWNED AND RENTED LAND			
Land owned	farms	5 105	.7
	acres	420 885	.7
Owned land in farms	farms	5 104	.7
	acres	408 639	.7
Land rented or leased from others	farms	1 794	.9
	acres	110 716	.9
	landlords	5 226	.9
Rented or leased land in farms	farms	1 783	.9
	acres	109 660	1.0
Land rented or leased to others	farms	371	1.8
	acres	13 302	3.0
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		4 203	.8
Not on farm operated		1 074	1.1
Not reported		297	1.7
Operators by principal occupation:			
Farming		2 927	.7
Other		2 647	1.0
Operators by days worked off farm:			
Any		2 980	.9
200 days or more		1 864	1.1
Operators by sex:			
Male	farms	4 648	.7
	acres	470 925	.7
Female	farms	926	1.3
	acres	47 374	2.0
Average age of operator	years	54.9	1.0
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	4 496	.8
	acres	330 825	.8
Partnership	farms	443	1.6
	acres	71 602	1.7
Corporation:			
Family held	farms	494	1.2
	acres	88 355	.8
More than 10 stockholders	farms	11	3.7
10 or less stockholders	farms	483	1.2
Other than family held	farms	60	4.0
	acres	7 964	5.3
More than 10 stockholders	farms	8	4.7
10 or less stockholders	farms	52	4.6
Other—cooperative, estate or trust, institutional, etc.	farms	81	3.3
	acres	19 553	3.5
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	988	3.9
	workers	4 635	1.9
Less than 150 days	farms	1 933	3.5
	workers	9 295	3.8
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	58	3.9
	number	66	4.4
Hired workers	farms	86	2.1
	number	126	1.5
Farm-related deaths:			
Operator and family members	farms	–	–
	number	–	–
Hired workers	farms	2	–
	number	(D)	(D)

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	1 254	1.1
	acres	5 418	1.3
10 to 49 acres	farms	1 865	1.0
	acres	46 154	1.1
50 to 69 acres	farms	485	1.6
	acres	27 988	1.6
70 to 99 acres	farms	479	1.6
	acres	39 469	1.6
100 to 139 acres	farms	456	1.6
	acres	53 014	1.6
140 to 179 acres	farms	270	1.9
	acres	42 161	1.9
180 to 219 acres	farms	206	2.0
	acres	40 700	2.0
220 to 259 acres	farms	117	2.6
	acres	27 628	2.6
260 to 499 acres	farms	291	1.6
	acres	101 847	1.5
500 to 999 acres	farms	121	2.0
	acres	79 768	2.0
1,000 to 1,999 acres	farms	26	–
	acres	(D)	(D)
2,000 acres or more	farms	4	–
	acres	(D)	(D)
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)	farms	82	3.8
	acres	14 838	4.1
Vegetable and melon farming (1112)	farms	625	1.4
	acres	40 979	1.5
Fruit and tree nut farming (1113)	farms	865	1.0
	acres	84 889	.7
Greenhouse, nursery, and floriculture production (1114)	farms	1 044	1.1
	acres	36 138	1.9
Other crop farming (1119)	farms	1 076	1.2
	acres	123 761	1.5
Beef cattle ranching and farming (112111)	farms	472	1.7
	acres	56 288	2.1
Cattle feedlots (112112)	farms	49	5.1
	acres	4 282	9.8
Dairy cattle and milk production (11212)	farms	338	1.3
	acres	108 582	.9
Hog and pig farming (1122)	farms	118	3.3
	acres	7 356	3.9
Poultry and egg production (1123)	farms	115	3.0
	acres	6 380	5.0
Sheep and goat farming (1124)	farms	163	2.7
	acres	8 510	3.8
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM—Con.			
Animal aquaculture and other animal production (1125, 1129)	farms	627	1.5
	acres	26 296	3.2
LIVESTOCK			
Cattle and calves inventory	farms	1 420	1.0
	number	61 719	.7
Beef cows	farms	799	1.3
	number	6 858	1.8
Milk cows	farms	483	1.3
	number	26 846	.7
Cattle and calves sold	farms	1 158	1.0
	number	24 849	.8
	$1,000	6 424	1.2
Hogs and pigs inventory	farms	383	1.8
	number	18 297	2.2
Hogs and pigs sold	farms	269	2.2
	number	23 636	2.7
	$1,000	2 265	2.8
Sheep and lambs of all ages inventory	farms	431	1.7
	number	8 348	2.1
Sheep and lambs sold	farms	350	1.9
	number	6 756	2.4
Horses and ponies inventory	farms	1 196	1.2
	number	9 410	1.7
Horses and ponies sold	farms	232	2.4
	number	1 642	2.4
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	510	1.6
	number	682 853	.6
Layers 20 weeks old and older	farms	497	1.6
	number	556 206	.7
Broilers and other meat-type chickens sold	farms	41	5.4
	number	(D)	(D)
SELECTED CROPS HARVESTED			
Corn for silage or green chop	farms	403	1.4
	acres	22 813	.8
	tons, green	445 811	1.5
Potatoes, excluding sweetpotatoes	farms	93	3.0
	acres	2 964	.8
	cwt	789 847	.6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	2 168	.9
	acres	100 218	1.0
	tons, dry	181 885	1.0
Vegetables harvested for sale (see text)	farms	935	1.1
	acres	16 039	.9
Land in orchards	farms	431	1.6
	acres	6 546	1.7

[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	2 587	.6
Land in farms	acres	336 875	.6
Average size of farm	acres	130	.9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD			
Total sales (see text)	farms	2 587	.6
	$1,000	445 621	.2
Average per farm	dollars	172 254	.6
Farms by value of sales:			
$10,000 to $19,999	farms	600	1.3
	$1,000	8 321	1.4
$20,000 to $24,999	farms	153	2.7
	$1,000	3 347	2.7
$25,000 to $39,999	farms	358	1.8
	$1,000	11 351	1.8
$40,000 to $49,999	farms	149	2.8
	$1,000	6 554	2.8
$50,000 to $99,999	farms	468	1.6
	$1,000	33 299	1.6
$100,000 to $249,999	farms	484	.9
	$1,000	74 923	.7
$250,000 to $499,999	farms	203	–
	$1,000	68 337	–
$500,000 or more	farms	172	–
	$1,000	239 488	–
Sales by commodity or commodity group:			
Crops, including nursery and greenhouse crops	farms	2 202	.6
	$1,000	351 465	.2
Grains	farms	57	3.3
	$1,000	(D)	(D)
Corn for grain	farms	47	3.6
	$1,000	1 163	3.2
Wheat	farms	–	–
	$1,000	–	–
Soybeans	farms	5	12.2
	$1,000	(D)	(D)
Sorghum for grain	farms	–	–
	$1,000	–	–
Barley	farms	–	–
	$1,000	–	–
Oats	farms	2	24.6
	$1,000	(D)	(D)
Other grains	farms	10	8.2
	$1,000	67	10.0
Cotton and cottonseed	farms	–	–
	$1,000	–	–
Tobacco	farms	66	2.5
	$1,000	(D)	(D)
Hay, silage, and field seeds	farms	553	1.3
	$1,000	8 713	1.6
Vegetables, sweet corn, and melons	farms	687	1.1
	$1,000	36 496	.8
Fruits, nuts, and berries	farms	818	.9
	$1,000	147 386	.3
Nursery and greenhouse crops	farms	823	1.0
	$1,000	126 801	.3
Other crops	farms	154	2.2
	$1,000	6 983	.8
Livestock, poultry, and their products	farms	870	1.0
	$1,000	94 156	.4
Poultry and poultry products	farms	130	2.6
	$1,000	15 759	.7
Dairy products	farms	345	1.3
	$1,000	59 757	.5
Cattle and calves	farms	563	1.1
	$1,000	5 195	1.4
Hogs and pigs	farms	106	3.0
	$1,000	1 954	3.0
Sheep, lambs, and wool	farms	88	3.1
	$1,000	149	3.1
Other livestock and livestock products (see text)	farms	201	2.1
	$1,000	11 341	1.1
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	637	1.1
	$1,000	18 838	.6
FARM PRODUCTION EXPENSES[1]			
Total farm production expenses	farms	2 584	.7
	$1,000	290 060	.7
Average per farm	dollars	112 252	1.0
Livestock and poultry purchased	farms	495	7.2
	$1,000	6 808	4.4
Feed for livestock and poultry	farms	872	5.1
	$1,000	30 068	3.6
Commercially mixed formula feeds	farms	710	5.8
	$1,000	22 746	3.3
Seeds, bulbs, plants, and trees	farms	1 583	2.9
	$1,000	15 524	1.5
Commercial fertilizer	farms	2 112	1.9
	$1,000	9 680	1.8
Agricultural chemicals	farms	1 687	2.8
	$1,000	8 071	2.1
Petroleum products	farms	2 506	1.1
	$1,000	13 534	1.2
Electricity	farms	2 053	2.1
	$1,000	7 073	1.9
Hired farm labor	farms	1 586	3.0
	$1,000	80 851	.8
Contract labor	farms	544	5.9
	$1,000	7 119	2.9
Repair and maintenance	farms	2 387	1.4
	$1,000	19 385	1.6
Customwork, machine hire, and rental of machinery and equipment	farms	754	5.5
	$1,000	6 921	4.1
Interest	farms	1 204	3.7
	$1,000	14 694	3.0
Secured by real estate	farms	893	4.7
	$1,000	12 063	3.6
Not secured by real estate	farms	522	6.6
	$1,000	2 631	4.0
Cash rent	farms	719	5.2
	$1,000	6 300	1.8
Property taxes	farms	2 351	1.2
	$1,000	12 515	1.6
All other farm production expenses	farms	2 582	.7
	$1,000	51 517	1.2
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]			
All farms	number	2 584	.7
	$1,000	147 322	1.3
Average per farm	dollars	57 013	1.5
Farms with net gains[2]	number	2 094	2.0
	$1,000	157 182	1.0
Average net gain	dollars	75 063	2.2
Farms with net losses	number	490	7.8
	$1,000	9 860	6.6
Average net loss	dollars	20 123	10.3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME			
Government payments	farms	314	1.4
	$1,000	1 070	1.7
Other farm-related income[1]	farms	641	6.8
	$1,000	5 866	17.4
Customwork and other agricultural services	farms	192	12.7
	$1,000	2 983	30.9
Gross cash rent or share payments	farms	98	19.5
	$1,000	258	41.8
Forest products, excluding Christmas trees and maple products	farms	183	11.4
	$1,000	1 265	30.1
Other farm-related income sources	farms	324	10.3
	$1,000	1 360	11.7
COMMODITY CREDIT CORPORATION LOANS			
Total	farms	7	5.6
	$1,000	137	.3

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	2 485	.6
	acres	164 296	.6
Harvested cropland	farms	2 412	.6
	acres	132 945	.6
Cropland:			
Pasture or grazing only	farms	597	1.2
	acres	(D)	(D)
Total woodland	farms	1 279	.8
	acres	104 568	.9
Pastureland and rangeland other than cropland and woodland pastured	farms	339	1.6
	acres	14 541	2.2
Land in house lots, ponds, roads, wasteland, etc.	farms	1 783	.7
	acres	53 470	.8
Irrigated land	farms	1 288	.7
	acres	23 817	.6
Harvested cropland irrigated	farms	1 284	.7
	acres	23 600	.6
Pasture and other land irrigated	farms	20	5.8
	acres	217	4.2
Land under Conservation Reserve or Wetlands Reserve Programs	farms	31	5.7
	acres	1 104	10.1
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	2 584	.7
	$1,000	1 600 092	2.4
Average per farm	dollars	619 230	2.5
Average per acre	dollars	5 095	4.0
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	2 584	.7
	$1,000	157 972	2.3
Average per farm	dollars	61 135	2.4
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	2 086	2.0
	acres on which used	96 777	2.7
TENURE OF OPERATOR			
All operators	farms	2 587	.6
	acres	336 875	.6
Full owners	farms	1 466	.8
	acres	140 646	.9
Part owners	farms	828	.9
	acres	170 978	.9
Tenants	farms	293	1.7
	acres	25 251	1.8
OWNED AND RENTED LAND			
Land owned	farms	2 294	.6
	acres	252 218	.7
Owned land in farms	farms	2 294	.6
	acres	246 100	.7
Land rented or leased from others	farms	1 124	.8
	acres	91 009	.9
	landlords	3 849	.9
Rented or leased land in farms	farms	1 121	.8
	acres	90 775	.9
Land rented or leased to others	farms	151	2.3
	acres	6 352	3.7
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		1 745	.7
Not on farm operated		691	1.1
Not reported		151	2.0
Operators by principal occupation:			
Farming		1 848	.7
Other		739	1.2
Operators by days worked off farm:			
Any		1 058	1.0
200 days or more		517	1.4
Operators by sex:			
Male		2 303	.6
Female		284	1.9
Average age of operator	years	53.4	.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	1 767	.8
	acres	172 820	.9
Partnership	farms	302	1.6
	acres	61 111	1.6
Corporation:			
Family held	farms	416	1.1
	acres	82 843	.7
More than 10 stockholders	farms	10	–
10 or less stockholders	farms	406	1.1
Other than family held	farms	49	3.7
	acres	7 247	5.9
More than 10 stockholders	farms	8	5.4
10 or less stockholders	farms	41	4.4
Other—cooperative, estate or trust, institutional, etc.	farms	53	3.4
	acres	12 854	3.6
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	910	3.6
	workers	4 554	1.8
Less than 150 days	farms	1 346	3.6
	workers	8 046	3.9
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	39	4.3
	number	44	4.6
Hired workers	farms	76	1.8
	number	116	1.3
Farm-related deaths:			
Operator and family members	farms	–	–
	number	–	–
Hired workers	farms	2	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		507	1.3
10 to 49 acres		739	1.2
50 to 69 acres		210	2.0
70 to 99 acres		191	2.1
100 to 139 acres		238	1.9
140 to 179 acres		139	2.3
180 to 219 acres		128	2.1
220 to 259 acres		86	2.7
260 to 499 acres		223	1.6
500 to 999 acres		100	1.8
1,000 to 1,999 acres		22	–
2,000 acres or more		4	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)		38	4.9
Vegetable and melon farming (1112)		442	1.4
Fruit and tree nut farming (1113)		606	.9
Greenhouse, nursery, and floriculture production (1114)		603	1.2
Other crop farming (1119)		313	1.7
Beef cattle ranching and farming (112111)		51	4.6
Cattle feedlots (112112)		6	14.4
Dairy cattle and milk production (11212)		327	1.3
Hog and pig farming (1122)		43	4.9
Poultry and egg production (1123)		48	3.8
Sheep and goat farming (1124)		5	13.5
Animal aquaculture and other animal production (1125, 1129)		105	3.1
LIVESTOCK			
Cattle and calves inventory	farms	608	1.1
	number	52 002	.7
Beef cows	farms	220	2.1
	number	2 782	3.1
Milk cows	farms	367	1.3
	number	26 506	.7
Cattle and calves sold	farms	563	1.1
	number	21 630	.8
	$1,000	5 195	1.4
Hogs and pigs inventory	farms	141	2.5
	number	14 804	2.2
Hogs and pigs sold	farms	106	3.0
	number	20 117	2.9
	$1,000	1 954	3.0
Sheep and lambs of all ages inventory	farms	116	2.8
	number	2 442	2.7
Sheep and lambs sold	farms	78	3.3
	number	1 977	3.3
Horses and ponies inventory	farms	276	1.8
	number	2 199	3.4
Horses and ponies sold	farms	75	3.9
	number	1 332	2.5

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	152	2.4
	number	672 820	.6
Layers 20 weeks old and older	farms	145	2.5
	number	547 506	.8
Broilers and other meat-type chickens sold	farms	13	8.3
	number	(D)	(D)
SELECTED CROPS HARVESTED			
Corn for silage or green chop	farms	323	1.3
	acres	21 827	.8
	tons, green	431 351	1.6
SELECTED CROPS HARVESTED—Con.			
Potatoes, excluding sweetpotatoes	farms	71	3.1
	acres	2 951	.8
	cwt	787 946	.6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	844	1.0
	acres	68 692	1.1
	tons, dry	139 961	1.1
Vegetables harvested for sale (see text)	farms	691	1.1
	acres	15 480	.9
Land in orchards	farms	210	1.8
	acres	5 788	1.8

[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	6.0	1.2	8.9	1.1
Land in farms ..... acres	–1.5	.9	–2.4	.9
Average size of farm ..... acres	–7.0	1.4	–10.3	1.2
Estimated market value of land and buildings[1]:				
Average per farm ..... dollars	–1.2	3.3	–2.3	3.4
Average per acre ..... dollars	6.3	5.2	7.9	5.4
Estimated market value of all machinery and equipment[1]:				
Average per farm ..... dollars	11.1	3.3	–1.5	3.3
Farms by size:				
1 to 9 acres	20.1	2.1	23.4	2.6
10 to 49 acres	7.3	1.6	21.5	2.2
50 to 179 acres	1.4	1.2	3.0	1.5
180 to 499 acres	–6.1	1.4	–6.8	1.4
500 to 999 acres	–	2.7	–2.9	2.3
1,000 to 1,999 acres	–10.3	–	–8.3	–
2,000 acres or more	–20.0	–	–20.0	–
Total cropland ..... farms	2.8	1.1	7.9	1.1
acres	–5.0	.9	–5.9	.8
Harvested cropland ..... farms	3.8	1.1	7.5	1.1
acres	–2.6	.9	–3.2	.8
Irrigated land ..... farms	22.0	1.5	23.4	1.5
acres	23.4	.9	25.3	.9
Market value of agricultural products sold $1,000	29.6	.4	30.2	.4
Average per farm ..... dollars	22.2	1.4	19.5	1.3
Crops, including nursery and greenhouse crops $1,000	40.1	.5	40.7	.4
Livestock, poultry, and their products $1,000	1.6	.6	1.7	.5
Farms by value of sales:				
Less than $2,500	2.8	1.7	(X)	(X)
$2,500 to $4,999	1.2	2.2	(X)	(X)
$5,000 to $9,999	7.9	2.3	(X)	(X)
$10,000 to $24,999	8.2	2.2	8.2	2.0
$25,000 to $49,999	6.5	2.5	6.5	2.4
$50,000 to $99,999	1.3	2.3	1.3	2.3
$100,000 to $249,999	5.9	1.1	5.9	1.0
$250,000 to $499,999	19.4	–	19.4	–
$500,000 or more	50.9	–	50.9	–
Total farm production expenses[1] $1,000	16.9	1.2	18.3	1.2
Average per farm ..... dollars	10.4	1.6	6.7	2.0
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	6.0	1.1	10.9	1.7
$1,000	73.9	4.5	62.9	3.2
Average per farm ..... dollars	64.1	4.6	46.9	3.7
Operators by principal occupation:				
Farming	–	1.1	2.1	1.1
Other	13.5	1.7	30.8	2.6
Operators by days worked off farm:				
Any	10.6	1.6	20.1	2.0
200 days or more	11.9	1.8	20.8	2.6
Livestock and poultry:				
Cattle and calves inventory ..... farms	–9.3	1.3	–14.2	1.3
number	–9.7	.8	–11.1	.8
Beef cows ..... farms	–6.0	1.8	–7.9	2.6
number	–6.7	2.3	–16.3	3.3
Milk cows ..... farms	–20.3	1.3	–21.6	1.3
number	–13.1	.7	–13.4	.7
Cattle and calves sold ..... farms	–8.9	1.3	–15.0	1.3
number	–16.7	.9	–18.1	.9
Hogs and pigs inventory ..... farms	–5.2	2.4	–1.4	3.4
number	11.3	3.8	7.9	4.1
Hogs and pigs sold ..... farms	–9.1	2.7	–12.4	3.4
number	–7.5	3.6	–9.4	3.8
Sheep and lambs inventory ..... farms	–17.1	2.0	.9	3.8
number	–26.4	2.3	–28.0	3.1
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	–4.7	2.2	7.0	3.6
number	25.4	.9	26.2	.9
Broilers and other meat-type chickens sold ..... farms	–8.9	6.5	–27.8	7.9
number	(D)	(D)	(D)	(D)
Selected crops harvested:				
Corn for grain or seed ..... farms	–10.8	3.4	–	3.8
acres	1.2	3.3	5.3	3.3
bushels	20.8	3.5	22.8	3.4
Corn for silage or green chop ..... farms	–24.1	1.3	–19.5	1.4
acres	–11.8	1.0	–10.5	1.0
tons, green	–5.2	1.6	–4.0	1.6
Potatoes, excluding sweetpotatoes ..... farms	–8.8	3.7	–5.3	4.0
acres	–15.8	1.2	–15.2	1.2
cwt	–2.8	1.4	–2.2	1.4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	–4.5	1.2	–6.4	1.3
acres	–3.3	1.2	–4.4	1.4
tons, dry	–14.8	1.1	–15.4	1.2
Vegetables harvested for sale (see text) ..... farms	–6.0	1.5	7.1	1.8
acres	–3.2	1.2	–.2	1.3
Land in orchards ..... farms	–17.9	1.8	–7.1	2.3
acres	–16.6	1.9	–10.2	1.9

[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)
Massachusetts	**5 574**	**.7**	**518 299**	**.6**	**93**	**1.0**	**455 014**	**2.4**	**225 043**	**2.2**
Barnstable	221	1.0	4 746	1.5	21	1.8	329 469	7.3	7 114	4.8
Berkshire	387	.6	62 833	1.5	162	1.6	546 679	10.7	13 543	10.4
Bristol	555	.9	37 173	1.6	67	1.8	456 486	8.1	17 172	6.9
Dukes	64	1.1	4 896	3.7	77	3.9	660 929	7.1	1 434	5.4
Essex	396	.8	25 547	2.1	65	2.3	526 583	10.0	21 451	9.9
Franklin	543	.7	75 134	1.4	138	1.5	314 595	5.2	21 411	4.5
Hampden	418	.7	37 417	1.8	90	1.9	357 644	11.4	11 931	7.7
Hampshire	539	.6	52 092	1.5	97	1.6	302 304	5.6	19 423	5.6
Middlesex	531	.7	30 718	2.1	58	2.2	503 318	8.1	21 738	8.7
Nantucket	14	1.0	1 049	1.5	75	1.8	680 147	6.6	931	1.5
Norfolk	185	.9	9 869	4.2	53	4.3	573 801	8.3	6 451	10.6
Plymouth	732	.6	73 418	.6	100	.9	694 704	2.5	44 258	3.6
Suffolk	5	–	7	–	1	–	339 000	–	93	–
Worcester	984	.7	103 400	1.1	105	1.3	377 579	7.1	38 092	6.4

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)
Massachusetts	**40 395**	**2.3**	**454 404**	**.2**	**81 522**	**.7**	**5 565**	**.7**	**311 068**	**.7**
Barnstable	32 189	5.1	18 225	.7	82 466	1.2	221	1.7	11 055	2.0
Berkshire	34 905	10.5	20 725	.7	53 553	1.0	388	1.0	17 957	4.1
Bristol	30 941	7.0	34 102	.7	61 444	1.1	555	1.1	22 066	3.3
Dukes	22 404	7.0	1 250	6.1	19 524	6.2	64	4.4	1 180	5.0
Essex	54 306	10.0	25 091	.7	63 361	1.0	395	1.2	16 144	2.7
Franklin	39 432	4.7	40 704	.5	74 962	.9	543	1.2	32 218	1.6
Hampden	28 543	7.7	29 107	.4	69 633	.8	418	1.0	21 535	2.0
Hampshire	36 035	5.7	35 514	.5	65 888	.8	539	.9	25 744	3.5
Middlesex	40 939	8.8	57 572	.3	108 421	.7	531	.9	36 251	2.0
Nantucket	66 500	5.1	2 951	1.2	210 821	1.6	14	4.9	2 956	1.7
Norfolk	35 060	10.7	8 266	1.4	44 680	1.7	184	1.5	6 351	3.6
Plymouth	60 545	3.7	122 687	.3	167 605	.7	725	.8	73 867	1.2
Suffolk	18 550	–	263	–	52 620	–	5	–	264	–
Worcester	38 750	6.4	57 949	.5	58 891	.8	983	.8	43 480	2.0

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)
Massachusetts	**1 075**	**6.0**	**7 408**	**4.3**	**2 161**	**3.7**	**31 880**	**3.2**	**2 422**	**2.9**	**15 829**	**1.5**
Barnstable	33	14.6	119	19.1	39	13.7	225	20.6	86	9.0	1 198	4.3
Berkshire	118	12.7	1 031	2.1	190	9.1	4 004	8.7	175	7.9	432	4.9
Bristol	115	20.7	1 433	6.9	252	11.4	3 325	10.7	292	7.6	2 195	5.9
Dukes	16	8.7	54	15.7	29	6.5	(D)	(D)	26	7.0	(D)	(D)
Essex	51	24.8	133	5.7	136	16.5	1 454	9.9	203	9.6	723	5.2
Franklin	113	16.9	463	16.7	248	10.1	4 689	7.8	217	10.5	1 057	8.2
Hampden	67	26.5	130	9.1	227	9.8	1 613	3.2	178	12.7	1 349	3.1
Hampshire	116	19.4	946	11.5	202	12.8	3 483	15.1	307	7.9	1 393	5.6
Middlesex	106	19.8	673	31.0	176	14.3	1 862	17.3	278	8.1	3 524	1.9
Nantucket	–	–	–	–	2	19.3	(D)	(D)	12	4.6	235	8.5
Norfolk	33	20.8	96	18.3	61	12.9	454	19.6	81	7.7	250	7.1
Plymouth	90	21.9	389	25.8	135	17.6	973	23.4	240	10.9	1 362	8.4
Suffolk	–	–	–	–	–	–	–	–	4	–	(D)	(D)
Worcester	217	14.6	1 941	7.4	464	7.8	9 741	4.3	323	9.1	2 020	2.8

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)
Massachusetts	**3 478**	**2.3**	**10 273**	**1.7**	**2 425**	**3.0**	**8 299**	**2.1**	**5 245**	**1.1**	**14 893**	**1.2**
Barnstable	152	4.8	299	3.5	117	5.4	390	4.1	211	2.1	430	3.3
Berkshire	222	9.5	632	6.1	118	15.5	235	7.7	380	1.7	817	5.0
Bristol	359	7.4	851	7.9	253	9.9	476	10.8	536	2.1	1 048	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	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)
Dukes	40	5.8	(D)	(D)	18	7.1	12	5.3	56	4.7	60	6.1
Essex	243	9.3	415	7.7	151	11.5	205	6.1	357	4.7	1 116	4.1
Franklin	290	8.6	1 345	2.8	202	10.9	696	6.5	534	1.2	1 487	3.4
Hampden	218	9.9	945	6.7	140	13.1	523	6.3	382	4.3	1 253	3.6
Hampshire	338	6.7	1 691	3.5	221	9.9	914	4.4	510	2.4	1 152	4.0
Middlesex	341	7.4	758	13.5	237	11.6	670	18.0	499	3.2	2 333	3.2
Nantucket	13	4.3	47	.8	10	5.5	(D)	(D)	13	5.2	113	1.0
Norfolk	112	6.5	112	11.9	77	9.7	69	14.1	183	1.6	422	6.4
Plymouth	564	3.4	2 092	1.7	531	4.2	3 250	1.6	676	2.1	2 927	1.9
Suffolk	3	–	(D)	(D)	3	–	(D)	(D)	5	–	24	–
Worcester	583	6.8	1 038	5.8	347	10.2	783	7.7	903	3.1	1 711	4.1

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)
Massachusetts	**3 690**	**2.2**	**7 715**	**1.8**	**2 188**	**3.1**	**81 630**	**.8**	**690**	**6.1**	**7 276**	**2.9**
Barnstable	133	5.9	167	5.9	104	7.2	3 066	3.6	32	18.2	222	7.1
Berkshire	239	8.3	592	4.7	142	12.8	2 723	3.6	23	30.2	344	6.0
Bristol	323	8.9	694	7.4	166	13.1	4 170	5.3	38	30.6	131	8.6
Dukes	45	5.4	(D)	(D)	25	6.4	(D)	(D)	7	13.2	(D)	(D)
Essex	262	8.6	473	2.9	187	8.6	5 151	3.1	45	29.7	202	15.2
Franklin	400	5.7	927	3.5	258	8.9	9 257	1.8	44	22.6	625	2.2
Hampden	342	5.4	449	4.1	159	11.8	7 152	2.1	34	35.6	295	1.7
Hampshire	369	6.6	653	5.4	201	10.1	6 198	3.3	56	24.4	268	9.1
Middlesex	314	8.9	869	4.2	278	8.4	11 192	1.8	53	21.2	566	12.3
Nantucket	14	4.9	69	.9	10	4.0	1 001	.6	5	8.0	(D)	(D)
Norfolk	116	5.6	198	6.9	76	8.8	2 049	5.1	21	19.2	82	25.3
Plymouth	505	5.2	1 326	5.6	308	8.6	20 076	1.3	255	8.2	3 285	5.6
Suffolk	4	–	(D)	(D)	3	–	(D)	(D)	–	–	–	–
Worcester	624	6.2	1 262	6.1	271	10.9	9 187	4.4	77	24.4	1 236	3.9

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)
Massachusetts	**4 716**	**1.5**	**22 779**	**1.9**	**1 061**	**5.5**	**7 089**	**4.1**	**1 580**	**3.9**	**15 766**	**3.0**
Barnstable	194	2.6	1 114	2.5	69	10.3	452	6.2	70	10.2	794	9.0
Berkshire	357	3.1	1 183	7.3	73	19.2	133	11.5	123	18.1	824	12.7
Bristol	500	3.1	1 165	5.6	67	27.0	392	19.9	153	13.8	1 360	14.2
Dukes	54	4.9	92	6.4	12	10.5	(D)	(D)	5	14.0	23	10.8
Essex	351	4.5	1 437	7.9	79	17.7	77	14.6	80	13.0	725	21.8
Franklin	459	4.5	1 959	4.6	94	17.3	239	10.3	186	11.2	1 260	7.9
Hampden	360	5.2	1 513	14.0	87	21.3	240	8.1	104	15.8	791	8.2
Hampshire	440	4.3	2 084	7.6	78	20.8	334	2.2	167	11.4	1 222	8.3
Middlesex	449	4.7	2 206	7.5	93	21.8	429	13.0	111	9.3	1 187	7.1
Nantucket	12	5.6	87	3.0	9	7.5	43	6.4	13	5.2	141	3.5
Norfolk	151	4.6	737	10.6	17	27.7	33	6.5	41	14.4	189	9.8
Plymouth	623	3.4	6 523	1.7	254	9.1	4 316	6.2	268	8.7	5 509	5.5
Suffolk	4	–	9	–	1	–	(D)	(D)	3	–	5	–
Worcester	762	4.7	2 670	7.1	128	21.6	372	7.0	256	11.9	1 737	7.7

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)
Massachusetts	**900**	**5.2**	**6 393**	**1.8**	**5 138**	**1.0**	**19 915**	**2.4**	**5 081**	**1.2**	**53 923**	**1.1**
Barnstable	45	12.1	306	2.4	171	3.7	557	5.6	198	2.7	1 714	2.9
Berkshire	51	17.6	287	1.6	372	2.0	1 342	17.2	343	4.1	3 380	4.7
Bristol	91	17.4	467	18.8	516	2.2	1 618	6.4	496	3.4	2 738	6.1
Dukes	13	10.6	(D)	(D)	55	4.7	229	4.2	58	4.6	206	6.9

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.											
	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)
Essex	65	17.3	197	16.0	354	2.4	1 591	17.0	359	4.3	2 245	3.4
Franklin	120	13.0	691	4.6	492	3.5	1 382	4.9	475	4.0	6 142	3.3
Hampden	71	20.7	366	3.3	392	2.7	1 110	7.7	403	2.2	3 806	3.0
Hampshire	123	15.0	766	6.0	510	2.4	1 372	5.4	496	2.5	3 269	5.2
Middlesex	86	17.1	507	1.4	495	2.2	2 075	6.4	504	2.8	7 399	1.9
Nantucket	4	9.7	(D)	(D)	13	5.2	38	2.9	12	5.6	824	1.6
Norfolk	17	25.1	44	30.9	177	2.1	709	10.9	168	2.9	907	3.6
Plymouth	62	23.0	2 080	.7	661	2.0	5 110	2.4	698	1.6	14 651	1.7
Suffolk	–	–	–	–	5	–	13	–	4	–	26	–
Worcester	152	14.4	398	7.7	925	1.9	2 769	5.2	867	3.0	6 616	5.2

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)
Massachusetts	**5 571**	**.7**	**135 155**	**1.6**	**4 990**	**.7**	**223 573**	**.7**	**4 587**	**.7**	**168 765**	**.6**
Barnstable	221	1.7	7 036	3.3	181	1.4	2 493	1.2	170	1.5	2 111	1.1
Berkshire	388	1.0	2 304	30.5	344	.9	30 794	1.7	319	1.0	21 725	1.9
Bristol	555	1.1	11 008	6.8	499	1.0	17 598	1.7	452	1.1	13 145	1.7
Dukes	64	4.4	70	68.0	53	2.3	1 365	9.4	47	2.8	830	11.5
Essex	395	1.2	9 107	7.9	357	1.0	12 427	2.3	326	1.1	10 031	2.5
Franklin	543	1.2	7 873	6.8	482	.8	31 698	1.4	434	1.0	22 069	1.2
Hampden	418	1.0	6 511	5.7	386	.8	16 114	1.8	352	1.0	11 663	1.7
Hampshire	539	.9	8 874	8.4	478	.8	26 865	1.1	437	.9	21 276	1.1
Middlesex	531	.9	22 468	3.0	463	.9	15 253	1.7	432	1.0	11 992	1.9
Nantucket	14	4.9	–5	(H)	14	1.0	(D)	(D)	13	3.7	(D)	(D)
Norfolk	184	1.5	1 467	17.4	156	1.4	3 856	4.8	137	1.8	2 763	6.1
Plymouth	731	.8	44 695	2.1	677	.7	20 665	.8	642	.8	17 573	.7
Suffolk	5	–	–1	–	5	–	(D)	(D)	5	–	(D)	(D)
Worcester	983	.8	13 747	5.0	895	.8	44 047	1.2	821	.8	33 232	1.2

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		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)
Massachusetts	**1 630**	**.8**	**24 564**	**.6**	**1 420**	**1.0**	**61 719**	**.7**	**799**	**1.3**	**6 858**	**1.8**
Barnstable	136	1.9	1 825	1.1	11	10.7	69	6.3	6	15.6	(D)	(D)
Berkshire	36	4.8	111	7.8	160	2.0	9 468	1.6	92	3.1	892	5.0
Bristol	160	2.2	1 964	1.8	159	2.4	8 032	1.5	92	3.4	937	4.2
Dukes	22	6.4	94	3.8	15	7.3	290	7.7	8	8.0	(D)	(D)
Essex	116	2.5	1 234	8.7	68	3.7	2 767	2.3	46	4.8	553	4.9
Franklin	77	3.1	1 832	1.2	230	1.7	11 996	1.5	105	3.1	745	5.6
Hampden	83	2.7	1 095	2.1	101	2.9	3 555	3.0	62	4.0	527	8.3
Hampshire	71	2.9	697	2.1	147	2.3	7 170	1.6	81	3.4	641	4.5
Middlesex	186	1.9	1 586	1.9	93	3.2	2 569	2.3	61	4.1	517	5.4
Nantucket	13	3.7	332	.1	–	–	–	–	–	–	–	–
Norfolk	69	3.2	333	2.7	42	4.9	901	8.1	28	6.3	205	9.9
Plymouth	493	1.0	12 182	.4	65	3.8	2 126	3.0	34	5.3	265	9.5
Suffolk	3	–	3	–	–	–	–	–	–	–	–	–
Worcester	165	2.3	1 276	2.2	329	1.6	12 776	1.3	184	2.3	1 472	3.9

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)
Massachusetts	**483**	**1.3**	**26 846**	**.7**	**383**	**1.8**	**18 297**	**2.2**	**431**	**1.7**	**8 348**	**2.1**
Barnstable	2	24.8	(D)	(D)	2	30.8	(D)	(D)	9	11.3	106	12.7
Berkshire	68	3.0	4 116	1.5	42	4.9	833	13.2	40	4.9	640	7.5
Bristol	41	4.1	3 668	1.8	60	4.5	4 504	6.3	41	5.6	657	7.3
Dukes	3	20.4	(D)	(D)	11	9.9	106	10.4	12	8.9	318	7.5

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	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)
Essex	16	5.5	948	2.9	24	7.4	278	16.3	34	5.8	390	5.1
Franklin	102	2.5	5 699	1.5	38	5.3	(D)	(D)	45	4.4	990	4.4
Hampden	33	4.8	1 384	3.0	24	7.0	264	9.2	26	6.8	451	7.6
Hampshire	55	3.5	3 155	1.7	27	5.7	2 022	3.3	35	4.9	1 225	3.7
Middlesex	19	7.2	726	4.5	35	5.6	4 096	2.9	46	4.7	885	8.0
Nantucket	–	–	–	–	–	–	–	–	–	–	–	–
Norfolk	15	8.7	310	13.0	20	7.4	1 011	8.7	19	8.0	491	12.1
Plymouth	22	5.9	1 099	2.4	29	6.1	1 466	1.9	35	5.6	546	6.3
Suffolk	–	–	–	–	–	–	–	–	–	–	–	–
Worcester	107	2.5	5 704	1.6	71	3.8	3 483	4.6	89	3.3	1 649	4.8

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)
Massachusetts	**497**	**1.6**	**556 206**	**.7**	**41**	**5.4**	**(D)**	**(D)**
Barnstable	17	8.4	3 137	8.9	–	–	–	–
Berkshire	39	5.2	(D)	(D)	3	16.6	(D)	(D)
Bristol	49	5.0	3 670	24.7	5	16.0	(D)	(D)
Dukes	17	7.8	425	9.9	2	30.6	(D)	(D)
Essex	40	5.5	1 551	12.1	5	16.4	305	20.8
Franklin	46	4.7	(D)	(D)	5	11.0	(D)	(D)
Hampden	40	5.0	736	6.8	3	16.4	(D)	(D)
Hampshire	37	4.9	2 930	2.9	1	–	(D)	(D)
Middlesex	45	4.8	8 591	7.0	5	17.5	1 095	24.4
Nantucket	–	–	–	–	–	–	–	–
Norfolk	26	6.4	3 934	12.6	1	33.4	(D)	(D)
Plymouth	44	5.1	1 039	6.7	4	19.8	138	23.0
Suffolk	–	–	–	–	–	–	–	–
Worcester	97	3.1	471 094	.8	7	12.4	821	16.5

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	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)	Tons, green	Relative standard error of estimate (percent)
Massachusetts	**99**	**2.9**	**4 951**	**2.8**	**590 748**	**2.4**	**403**	**1.4**	**22 813**	**.8**	**445 811**	**1.5**
Barnstable	1	40.5	(D)	(D)	(D)	(D)	1	–	(D)	(D)	(D)	(D)
Berkshire	13	7.2	1 455	8.5	180 992	7.2	39	3.4	3 492	.9	67 630	.8
Bristol	16	8.4	394	6.9	23 380	5.3	65	3.8	2 795	2.9	69 735	8.7
Dukes	1	–	(D)	(D)	(D)	(D)	–	–	–	–	–	–
Essex	10	11.2	116	15.7	10 615	18.1	12	5.0	606	2.4	10 089	2.9
Franklin	12	5.9	663	1.1	68 524	.7	76	2.9	4 297	2.1	92 219	2.2
Hampden	7	11.3	125	2.7	10 130	2.1	25	5.2	1 673	2.7	29 035	3.2
Hampshire	20	5.4	1 970	2.6	270 407	1.4	56	3.5	3 013	2.5	53 484	2.5
Middlesex	6	12.3	71	15.0	8 600	12.4	17	6.8	576	3.2	11 080	3.1
Nantucket	–	–	–	–	–	–	–	–	–	–	–	–
Norfolk	–	–	–	–	–	–	10	11.2	(D)	(D)	(D)	(D)
Plymouth	5	13.6	(D)	(D)	(D)	(D)	17	5.2	1 737	.8	27 607	.8
Suffolk	–	–	–	–	–	–	–	–	–	–	–	–
Worcester	8	10.2	127	17.8	14 510	19.2	85	2.7	4 381	2.1	81 000	2.0

Geographic area	Selected crops harvested—Con.											
	Potatoes, excluding sweetpotatoes						Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Massachusetts	**93**	**3.0**	**2 964**	**.8**	**789 847**	**.6**	**2 168**	**.9**	**100 218**	**1.0**	**181 885**	**1.0**
Barnstable	6	10.9	4	11.3	381	6.7	8	10.6	(D)	(D)	(D)	(D)
Berkshire	7	10.9	3	13.7	324	12.7	217	1.5	16 843	2.4	31 866	2.0
Bristol	6	15.3	(D)	(D)	(D)	(D)	215	2.0	6 681	2.8	12 487	2.9
Dukes	4	17.5	3	7.5	(D)	(D)	17	6.7	734	15.1	1 168	12.8

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	Selected crops harvested—Con.											
	Potatoes, excluding sweetpotatoes						Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Hundredweight	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Essex	6	14.5	4	17.1	422	21.2	154	2.2	6 982	3.6	12 031	3.5
Franklin	17	7.1	888	2.5	248 760	1.7	286	1.5	14 018	1.9	24 519	2.4
Hampden	2	29.4	(D)	(D)	(D)	(D)	181	1.9	7 004	2.6	12 935	2.9
Hampshire	17	4.7	1 896	.4	507 586	.3	234	1.6	11 071	2.1	20 845	2.0
Middlesex	9	9.8	27	2.5	1 957	5.3	176	2.2	7 119	3.0	12 517	3.4
Nantucket	1	–	(D)	(D)	(D)	(D)	2	–	(D)	(D)	(D)	(D)
Norfolk	3	11.1	3	13.3	(D)	(D)	51	4.3	1 884	8.9	2 877	12.4
Plymouth	5	11.5	10	8.5	1 085	15.1	104	3.1	3 465	3.1	7 260	3.5
Suffolk	–	–	–	–	–	–	–	–	–	–	–	–
Worcester	10	9.9	9	8.1	1 549	9.3	523	1.2	24 286	1.5	43 123	1.7

Geographic area	Selected crops harvested—Con.							
	Vegetables harvested for sale (see text)				Land in orchards			
	Farms		Acres		Farms		Acres	
	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)
Massachusetts	**935**	**1.1**	**16 039**	**.9**	**431**	**1.6**	**6 546**	**1.7**
Barnstable	32	6.0	178	7.9	13	8.6	26	11.0
Berkshire	50	4.1	677	5.3	16	8.0	141	12.4
Bristol	105	3.1	2 210	2.2	47	5.3	353	7.3
Dukes	10	10.5	(D)	(D)	5	15.5	(D)	(D)
Essex	91	3.0	1 362	3.4	26	5.2	369	5.8
Franklin	78	3.4	1 429	2.5	41	4.8	590	3.1
Hampden	66	3.3	1 221	3.0	43	4.4	711	3.5
Hampshire	124	2.3	3 058	1.9	39	4.4	408	1.5
Middlesex	139	2.3	2 357	2.0	56	4.1	902	4.1
Nantucket	4	–	98	–	1	–	(D)	(D)
Norfolk	40	4.6	508	2.6	10	9.7	108	9.3
Plymouth	56	4.5	781	3.7	20	7.9	86	10.0
Suffolk	1	–	(D)	(D)	–	–	–	–
Worcester	139	2.4	2 092	2.7	114	2.8	2 838	3.2

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

Table G. **New England Coverage Estimates: 1997**

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

Item	Census total	Coverage total[1]	Adjusted census		Coverage adjustment (percent)
			Total	Relative standard error (percent)	
Farms ..... number	24 571	7 008	31 579	3.8	22.2
Land in farms ..... acres	3 821 702	410 022	4 231 724	2.9	9.7
Average size of farm ..... acres	156	59	134	(X)	(X)
Farms by size of farm:					
Less than 10 acres	3 491	1 022	4 513	14.3	22.6
10 to 49 acres	6 466	3 508	9 974	9.5	35.2
50 to 179 acres	8 080	1 933	10 013	7.1	19.3
180 acres or more	6 534	545	7 079	4.7	7.7
Farms by value of sales:					
Less than $2,500	7 539	4 642	12 181	8.2	38.1
$2,500 to $9,999	6 309	1 271	7 580	8.0	16.8
$10,000 or more	10 723	1 095	11 818	4.0	9.3
Market value of agricultural products sold $1,000	1 988 736	16 872	2 005 608	.9	.8
Farms by type of organization:					
Individual or family	20 591	6 833	27 424	4.2	24.9
Partnership, corporation, or other	3 980	175	4 155	4.8	4.2
Farms by tenure of operator:					
Full owners	15 759	4 971	20 730	4.8	24.0
Part owners	6 961	1 693	8 654	7.0	19.6
Tenants	1 851	344	2 195	17.6	15.7
Operators by place of residence:					
On farm operated	19 638	6 375	26 013	4.2	24.5
Not on farm operated	3 488	704	4 192	7.8	16.8
Not reported	1 445	–71	1 374	20.6	–5.2
Operators by principal occupation:					
Farming	12 553	1 229	13 782	4.1	8.9
Other	12 018	5 779	17 797	6.8	32.5
Operators by sex:					
Male	20 859	5 776	26 635	4.1	21.7
Female	3 712	1 232	4 944	9.6	24.9
Operators by race:					
White	24 464	6 987	31 451	3.8	22.2
Black and other races	107	21	128	58.6	16.4
Operators by years on present farm:					
4 years or less	2 279	1 065	3 344	16.8	31.8
5 years or more	18 854	5 403	24 257	4.1	22.3
Not reported	3 438	540	3 978	11.3	13.6

[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.

DUE BY FEBRUARY 2, 1998

OMB No. 0535-0226: Approval Expires 11/30/99

FORM **97-A0201**
(10-29-96)
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-A0201

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

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.*

S1

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. Soybeans for beans	☐	088	089 Bu.	090
4. Dry edible beans – kidney, black, etc.	☐	554	555 Cwt.	556
5. Wheat for grain	☐	545	546 Bu.	547
6. Oats for grain	☐	076	077 Bu.	078
7. Barley for grain	☐	079	080 Bu.	081
8. Rye for grain	☐	686	687 Bu.	688
9. Sorghum for grain or seed	☐	082	083 Bu.	084
10. Sorghum for silage or green chop *(DO NOT include sorghum-sudan crosses.)*	☐	085	086 Tons, green	087
11. Tobacco – all types	☐	094 /10	095 Lbs.	096 /10
12. 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, Sudangrass, meadow and pasture grasses, 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**

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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
Sweet corn	**461**		/10	462	/10
			/10	1	/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**	**Carrots**	**397**	**Garlic**	**421**	**Okra**	**437**	**Squash**	**459**
Beans, snap (bush and pole)	**381**	**Cauliflower**	**399**	**Herbs, fresh cut**	**455**	**Parsley**	**439**	**Tomatoes**	**463**
Beets	**383**	**Celery**	**401**	**Honeydew melons**	**423**	**Peas, green**	**441**	**Turnips**	**465**
Broccoli	**385**	**Chicory**	**403**	**Kale**	**425**	**Peppers, sweet**	**443**	**Turnip greens**	**467**
Brussels sprouts	**387**	**Collards**	**407**	**Lettuce and romaine**	**427**	**Peppers, hot**	**445**	**Watermelons**	**473**
Cabbage, chinese	**389**	**Cucumbers and pickles**	**411**	**Lima beans, green**	**429**	**Pumpkins**	**449**	**Other vegetables –** *Specify*	**475**
Cabbage, head	**391**	**Eggplant**	**415**	**Mustard greens**	**431**	**Radishes**	**451**		
Cantaloups and muskmelons	**395**	**Endive**	**417**	**Onions, dry**	**433**	**Rhubarb**	**453**		
		Escarole	**419**	**Onions, green**	**435**	**Spinach**	**457**		

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*

For those crops not listed, enter the crop name and code from the list below. *Report quantity harvested in unit specified with crop name.*

Crop name	Code
Blackberries and dewberries (pounds)	**509**
Blueberries, tame (pounds)	**512**
Blueberries, wild (pounds)	**515**
Cranberries (100-lb. barrels)	**521**
Raspberries (pounds)	**533**
Other berries (pounds) – *Specify*	**539**

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
Strawberries	**536**		/10	537 Lbs.	538	/10
			/10	1	2	/10
			/10	1	2	/10

If more space is needed, use a separate sheet of paper.

SECTION 7

Were any OTHER CROPS harvested from "THIS PLACE" in 1997 – small grains, field seeds, 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
Sweetpotatoes and yams	**100**	/10	101 Bu.	102 /10
Buckwheat	**575**		576 Bu.	577
Red clover seed	**671**		672 Lbs.	673
Timothy seed	**746**		747 Lbs.	748
			1	2
			1	2
			1	2
			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**	**Ryegrass seed (pounds)**	**689**	**Sunflower seed (pounds)**	**734**
Birdsfoot trefoil seed (pounds)	**566**	**Ginseng (pounds)**	**767**	**Salt hay (tons)**	**695**	**Vetch seed (pounds)**	**755**
Canola (pounds)	**614**	**Lespedeza seed (pounds)**	**638**	**Sorghum cut for dry forage or hay (tons, dry weight)**	**698**	**Other crops (pounds) –** *Specify*	**752**
Corn cut for dry fodder, hogged or grazed *(Report acres only.)*	**581**	**Maple trees tapped (number of taps)**	**799**				
		Popcorn (pounds, shelled)	**662**				

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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 and 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
			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	Crop name	Code
Apricots	**129**	**Peaches**	**225**	**Plums and prunes**	**243**
Nectarines	**201**	**Pears**	**231**	**Other fruit and nuts –** *Specify*	**369**

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 beans, popcorn, 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, peaches, grapes, cherries, cranberries, strawberries, blueberries, etc. →	☐	784 $	00
6. Other crops – potatoes, sweetpotatoes, maple products, etc. *(DO NOT include nursery and greenhouse crops.) – Specify* ↙ _____	☐	785 $	00

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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

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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

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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 – chicken, 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.

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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

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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

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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

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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-A0201 (10-29-96)

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 **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. 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]	**5 574**	**518 299**	**168 765**	**455 014**	**40 395**	**454 404**	**357 377**	**97 027**
Crops (01)	3 383	284 647	97 807	455 255	43 038	353 041	350 588	2 452
Cash grains (011)	20	5 043	1 971	853 953	29 032	625	592	33
Wheat (0111)	–	–	–	–	–	–	–	–
Rice (0112)	–	–	–	–	–	–	–	–
Corn (0115)	13	2 968	1 509	1 072 616	24 636	474	445	28
Soybeans (0116)	2	(D)	(D)	–	–	(D)	(D)	(D)
Cash grains, n.e.c. (0119)	5	(D)	(D)	319 444	39 778	(D)	(D)	(D)
Field crops, except cash grains (013)	941	115 276	44 764	490 421	35 868	38 382	37 695	687
Cotton (0131)	–	–	–	–	–	–	–	–
Tobacco (0132)	47	4 637	2 541	480 449	78 816	24 313	24 168	145
Sugarcane and sugar beets (0133)	–	–	–	–	–	–	–	–
Irish potatoes (0134)	15	3 936	2 890	1 123 669	137 455	6 009	6 009	–
Field crops, except cash grains, n.e.c. (0139)	879	106 703	39 333	482 262	31 566	8 060	7 518	542
Vegetables and melons (016)	606	36 770	16 966	349 231	37 415	36 920	36 438	482
Fruits and tree nuts (017)	861	84 629	21 344	552 889	55 236	147 071	146 975	96
Berry crops (0171)	635	65 997	14 774	627 266	62 254	132 415	132 351	64
Grapes (0172)	8	589	131	429 199	47 273	(D)	(D)	(D)
Tree nuts (0173)	–	–	–	–	–	–	–	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	173	16 072	5 877	409 197	50 024	13 705	13 679	26
Fruits and tree nuts, n.e.c. (0179)	45	1 971	562	258 661	8 911	(D)	(D)	(D)
Horticultural specialties (018)	775	23 209	6 491	363 621	42 249	124 051	123 826	225
Ornamental floriculture and nursery products (0181)	743	22 351	6 236	369 284	42 328	119 002	(D)	(D)
Food crops grown under cover (0182)	32	858	255	249 284	40 653	5 050	(D)	(D)
General farms, primarily crop (019)	180	19 720	6 271	473 531	38 181	5 991	5 062	929
Livestock and animal specialties (02)	1 824	212 907	67 739	492 503	40 922	98 689	4 138	94 551
Livestock, except dairy, poultry, and animal specialties (021)	782	73 856	15 805	433 385	29 711	6 461	659	5 802
Beef cattle feedlots (0211)	49	4 282	798	253 597	48 322	205	13	192
Beef cattle, except feedlots (0212)	419	50 004	11 464	494 020	30 974	2 276	330	1 946
Hogs (0213)	117	7 349	1 659	352 007	38 715	2 426	233	2 193
Sheep and goats (0214)	163	8 703	1 002	311 170	14 673	651	23	629
General livestock, except dairy, poultry, and animal specialties (0219)	34	3 518	882	1 206 950	34 750	903	61	842
Dairy farms (024)	338	109 355	49 213	846 038	82 065	64 266	2 983	61 283
Poultry and eggs (025)	115	6 380	684	307 895	36 281	15 768	182	15 586
Broiler, fryer, and roaster chickens (0251)	2	(D)	–	(D)	(D)	(D)	–	(D)
Chicken eggs (0252)	70	4 053	511	375 700	37 178	12 013	113	11 900
Turkeys and turkey eggs (0253)	24	954	(D)	295 541	35 152	2 742	69	2 673
Poultry hatcheries (0254)	2	(D)	–	120 000	30 000	(D)	–	(D)
Poultry and eggs, n.e.c. (0259)	17	1 311	(D)	201 965	37 824	481	–	481
Animal specialties (027)	548	18 966	1 400	349 859	27 887	11 700	130	11 570
Fur-bearing animals and rabbits (0271)	15	117	16	99 738	19 911	456	(D)	(D)
Horses and other equines (0272)	433	15 631	1 166	377 164	24 178	3 065	63	3 002
Animal aquaculture (0273)	54	1 161	32	279 041	56 897	3 623	43	3 580
Animal specialties, n.e.c. (0279)	46	2 057	186	256 740	34 384	4 557	(D)	(D)
General farms, primarily livestock and animal specialties (029)	41	4 350	637	611 374	38 733	494	184	310

[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)

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

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	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

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

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

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

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

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[Items located in appendix B, tables A and B are denoted BA and BB, respectively. Items located in tables A through G in appendix C are denoted "CA," "CB," ..."CG." Items located in appendix E, table A are denoted EA. Only pertinent items will appear in the published tables.]

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	–

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[Items located in appendix B, tables A and B are denoted BA and BB, respectively. Items located in tables A through G in appendix C are denoted "CA," "CB," ..."CG." Items located in appendix E, table A are denoted EA. Only pertinent items will appear in the published tables.]

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

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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	–

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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

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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	–

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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	–

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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

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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

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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

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[Items located in appendix B, tables A and B are denoted BA and BB, respectively. Items located in tables A through G in appendix C are denoted "CA," "CB," ..."CG." Items located in appendix E, table A are denoted EA. Only pertinent items will appear in the published tables.]

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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