

Volume 1

State and County Data

Part 21

Massachusetts

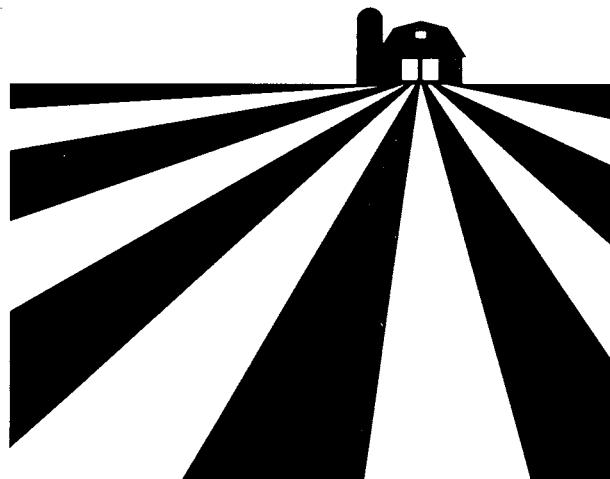
AC78-A-21

1978
CENSUS OF
AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS



1978 CENSUS OF AGRICULTURE



Issued March 1981



U.S. Department of Commerce
Malcolm Baldrige, Secretary
William A. Cox,
Acting Chief Economist

BUREAU OF THE CENSUS
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Acting Director

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¹ Not shown separately to avoid disclosing data for individual farms. However, the data for the county are included in the State totals.

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HISTORY

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

The first agriculture census was taken in 1840 as part of the sixth decennial census. From 1840 to 1950, an agriculture census was taken as part of the decennial census of population. A mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974 a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year to coincide with the 1982 Economic Censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. Thereafter, the agriculture census will revert to a 5-year cycle.

AUTHORITY AND AREA COVERED

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

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes were first established, the farm definition has been changed nine times, as the Nation has grown and changed. The current definition was announced on August 12, 1975, in accordance with a joint agreement between the U.S. Department of Agriculture, the Office of Management and Budget, and the Bureau of the Census. It defines a farm, for statistical purposes, as any place from which \$1,000 or more of agri-

cultural products were sold or normally would have been sold during the census year. The previous definition (used for the 1959, 1964, and 1969 censuses, and for the 1974 preliminary county reports) counted as a farm any place with less than 10 acres from which \$250 or more of agricultural products were sold or normally would have been sold during the census year, or any place of 10 acres or more from which \$50 or more of agricultural products were sold or normally would have been sold during the census year.

METHOD OF ENUMERATION

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

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

COMPARABILITY OF DATA

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

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

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

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

USE OF SAMPLING

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

GRAPHICS

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

TABULAR PRESENTATION

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

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

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

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

PRELIMINARY REPORTS

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

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

CENSUS DISCLOSURE RULES

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

DEFINITIONS AND EXPLANATIONS

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

"SEE TEXT" REFERENCE

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

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

Highlights of the State's Agriculture: 1978 and 1974

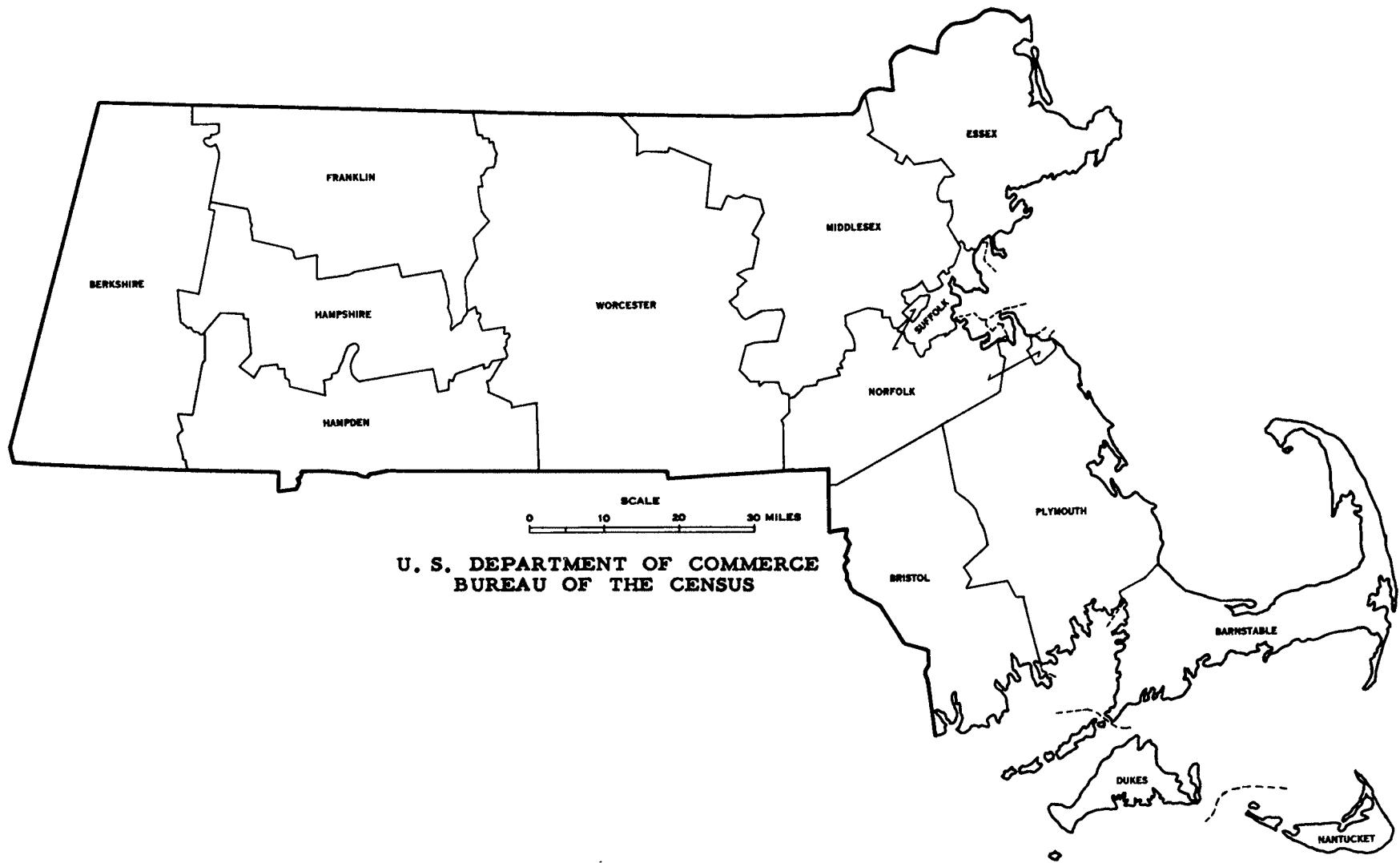
	All farms		Farms with sales of \$2,500 or more			Total	
	1978		1974 ¹	1978			
	Total	Not on mail list	Total	Total	Not on mail list		
Farms-----	number	5 891	945	4 497	3 859	271	3 185
Land in farms-----	acres	678 714	61 355	601 734	535 675	27 603	496 050
Average size of farm-----	acres	115	65	134	139	102	156
Harvested cropland-----	acres	213 669	16 264	188 015	184 241	6 597	168 942
Average per farm-----	acres	36	17	42	48	24	53
Farms by size:							
1 to 49 acres-----	number	2 785	588	1 812	1 613	155	1 142
50 to 499 acres-----	number	2 938	357	2 513	2 093	116	1 885
500 to 999 acres-----	number	137	-	142	127	-	131
1,000 acres or more-----	number	31	-	30	26	-	27
Value of land and buildings: ²							
Average per farm-----	dollars	168 952	93 650	128 535	195 905	93 988	150 448
Average per acre-----	dollars	1 443	1 442	961	1 399	923	966
Value of machinery and equipment on farms?	\$1,000	127 697	6 560	84 637	111 514	3 255	72 708
Average per farm-----	dollars	21 677	6 942	18 821	28 897	12 010	22 828
Value of agricultural products sold-----	\$1,000	214 675	2 681	179 653	211 420	2 192	177 112
Average per farm-----	dollars	36 441	2 838	39 950	54 786	8 087	55 608
Crops sold-----	\$1,000	100 829	750	86 453	99 469	547	85 347
Average per farm-----	dollars	17 116	794	19 225	25 776	2 019	26 797
Livestock and livestock products sold-----	\$1,000	95 164	1 753	68 330	93 443	1 492	67 109
Average per farm-----	dollars	16 154	1 855	15 195	24 214	5 507	21 070
Poultry and poultry products sold-----	\$1,000	18 682	178	24 134	18 508	152	23 977
Average per farm-----	dollars	3 171	189	5 367	4 796	561	7 528
Farms by value of agricultural products sold:							
Less than \$2,500-----	number	2 012	674	1 354	-	-	59
\$2,500 to \$9,999-----	number	1 563	197	942	1 563	197	942
\$10,000 to \$39,999-----	number	1 121	74	1 162	1 121	74	1 162
\$40,000 to \$99,999-----	number	688	-	678	688	-	678
\$100,000 to \$199,999-----	number	293	-	211	293	-	211
\$200,000 or more-----	number	194	-	133	194	-	133
Abnormal farms-----	number	20	(X)	17	(X)	(X)	(X)
Value of agricultural products sold by farms having sales of-----							
Less than \$2,500-----	\$1,000	2 052	490	1 528	-	-	77
\$2,500 to \$9,999-----	\$1,000	8 021	926	5 236	8 021	926	5 236
\$10,000 to \$39,999-----	\$1,000	23 900	1 266	25 284	23 900	1 266	25 284
\$40,000 to \$99,999-----	\$1,000	43 555	-	41 870	43 555	-	41 870
\$100,000 to \$199,999-----	\$1,000	40 091	-	28 553	40 091	-	28 553
\$200,000 or more-----	\$1,000	95 854	-	76 094	95 854	-	76 094
Abnormal farms-----	\$1,000	1 203	(X)	1 089	(X)	(X)	(X)
Form production expenses for selected items: ²							
Feed for livestock and poultry-----	\$1,000	40 503	1 012	40 395	39 163	595	39 636
Seeds, bulbs, plants, and trees-----	\$1,000	7 838	100	6 645	7 674	32	6 569
Commercial fertilizer-----	\$1,000	7 360	212	5 808	6 920	111	5 587
Other agricultural chemicals-----	\$1,000	4 035	153	2 768	3 833	113	2 701
Petroleum products—gasoline, diesel, etc.-----	\$1,000	12 019	287	8 766	11 520	158	8 502
Hired farm labor-----	\$1,000	40 716	335	31 981	39 625	103	31 561
Livestock and poultry inventory:							
Cattle and calves-----	number	102 226	5 275	103 938	93 290	3 000	96 204
Hogs and pigs-----	number	59 626	5 040	43 229	55 488	2 899	41 968
Sheep and lambs-----	number	7 153	638	5 896	3 585	72	2 696
Chickens 3 months old or older-----	number	1 512 683	46 830	1 956 434	1 479 514	36 411	1 936 943
Crops harvested:							
Corn for all purposes-----	acres	44 269	1 151	37 409	42 624	862	36 344
Hay crops-----	acres	133 117	14 188	110 327	106 965	5 148	94 114
All vegetables harvested for sale-----	acres	262 706	18 249	225 714	229 204	9 806	201 372
Land in orchards-----	acres	15 214	403	(NA)	14 699	357	14 954
	acres	8 556	445	9 366	7 572	203	8 913

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

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

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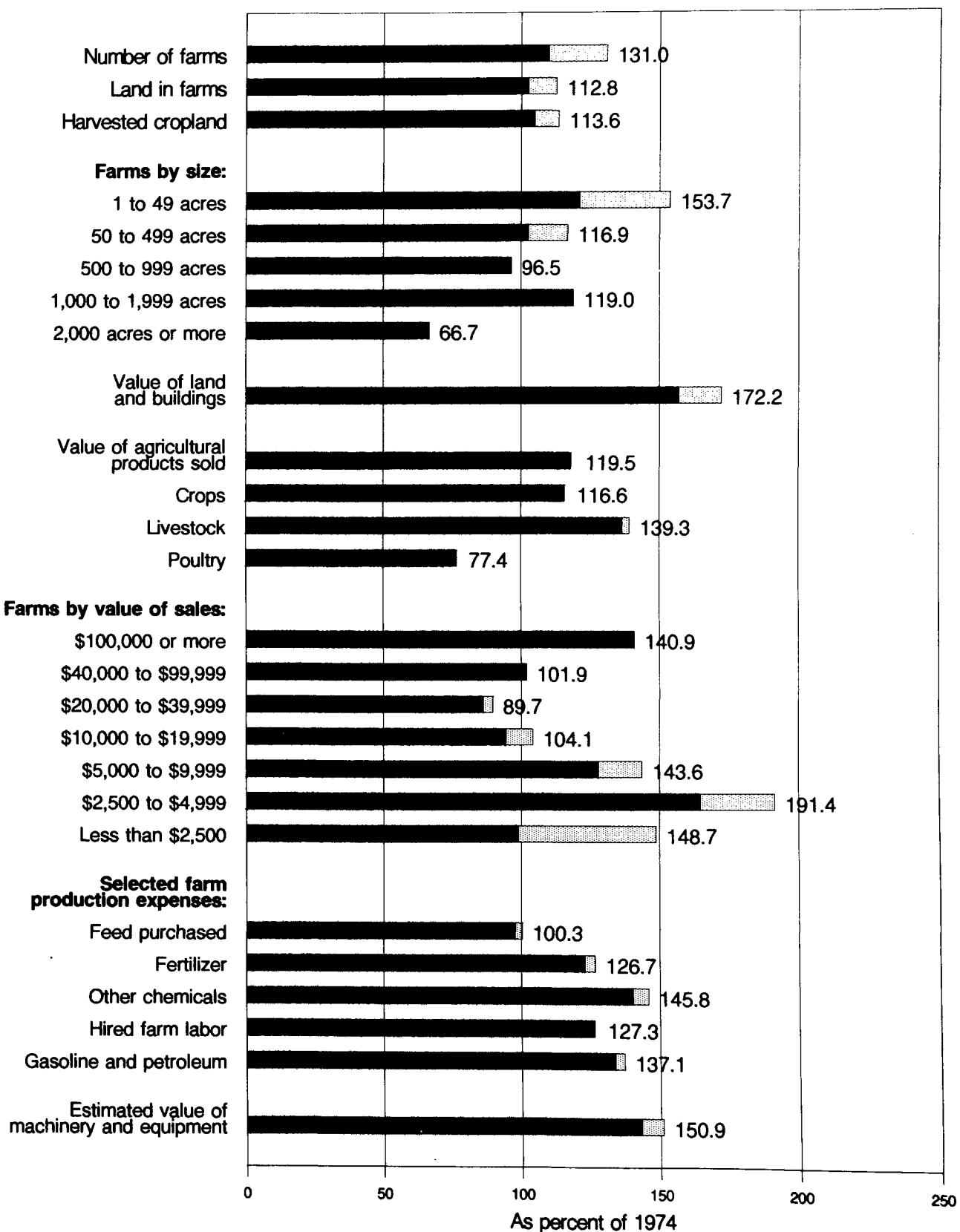
MASSACHUSETTS



MASSACHUSETTS

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

 Mail portion
Area sample



MASSACHUSETTS

Chart 2.
Profile of State's Agriculture: 1978

 Mail portion
Area sample

Farms by size:

1 to 49 acres	47.3
50 to 179 acres	34.1
180 to 499 acres	15.8
500 to 999 acres	2.3
1,000 to 1,999 acres	.4
2,000 acres or more	.1

Farms by value of land and buildings:

\$1 to \$19,999	7.1
\$20,000 to \$39,999	10.9
\$40,000 to \$99,999	35.0
\$100,000 to \$499,999	40.9
\$500,000 or more	6.1

Farms by value of machinery and equipment:

\$1 to \$4,999	16.9
\$5,000 to \$9,999	31.7
\$10,000 to \$19,999	20.3
\$20,000 to \$49,999	19.9
\$50,000 to \$99,999	7.8
\$100,000 or more	3.5

Operators by age group:

Under 35 years	11.6
35 to 44 years	20.2
45 to 54 years	22.9
55 to 64 years	26.1
65 years or over	19.2

Operators by tenure:

Full owner	65.3
Part owner	28.6
Tenant	6.1

Farms by type of organization:

Individual or family	85.2
Partnership	7.6
Corporation	6.2
Other	1.0

0 20 40 60 80 100
As percent of total farms

MASSACHUSETTS

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

 Mail portion
Area sample

Operators working off farm:

None	44.4
1 to 99 days	7.5
100 to 199 days	9.1
200 days or more	39.0

Value of agricultural products by commodity group:

Crops	47.0
Livestock	44.3
Poultry	8.7

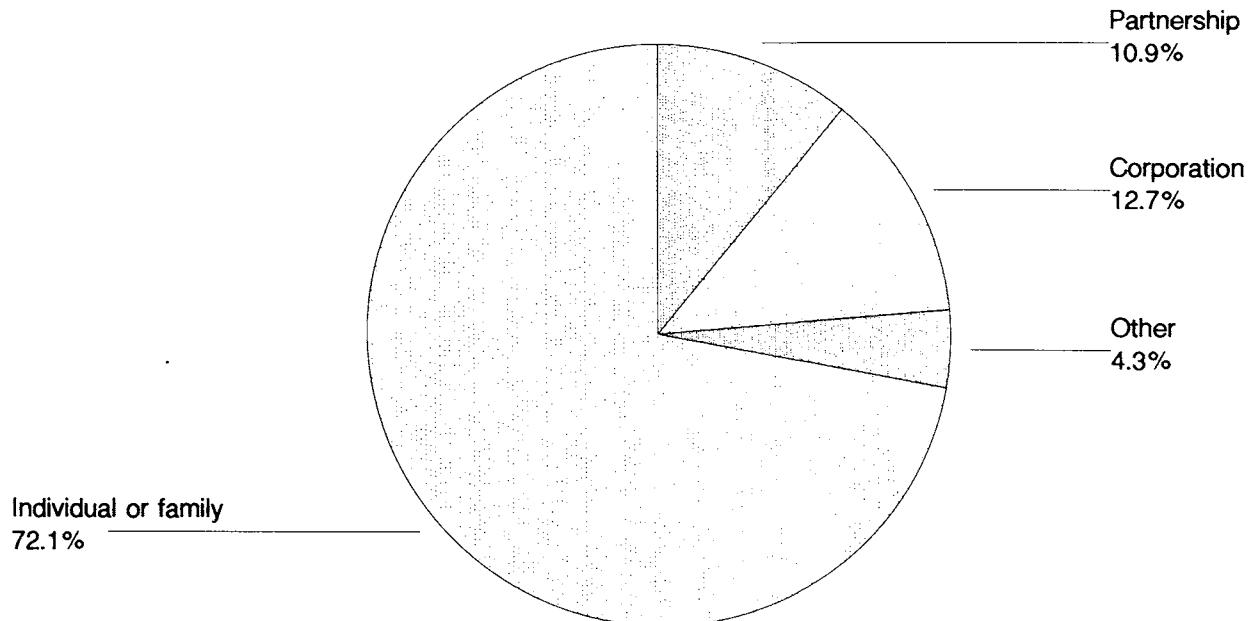
Expenditures for energy and petroleum products:

Gasoline	30.1
Diesel oil	7.0
Lp gas, butane	3.2
Fuel oil	27.8
Electricity	24.3
Other	7.7

0 20 40 60 80 100

As percent of total farms

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



MASSACHUSETTS

Chart 4.
Farms by Value of Sales: 1978

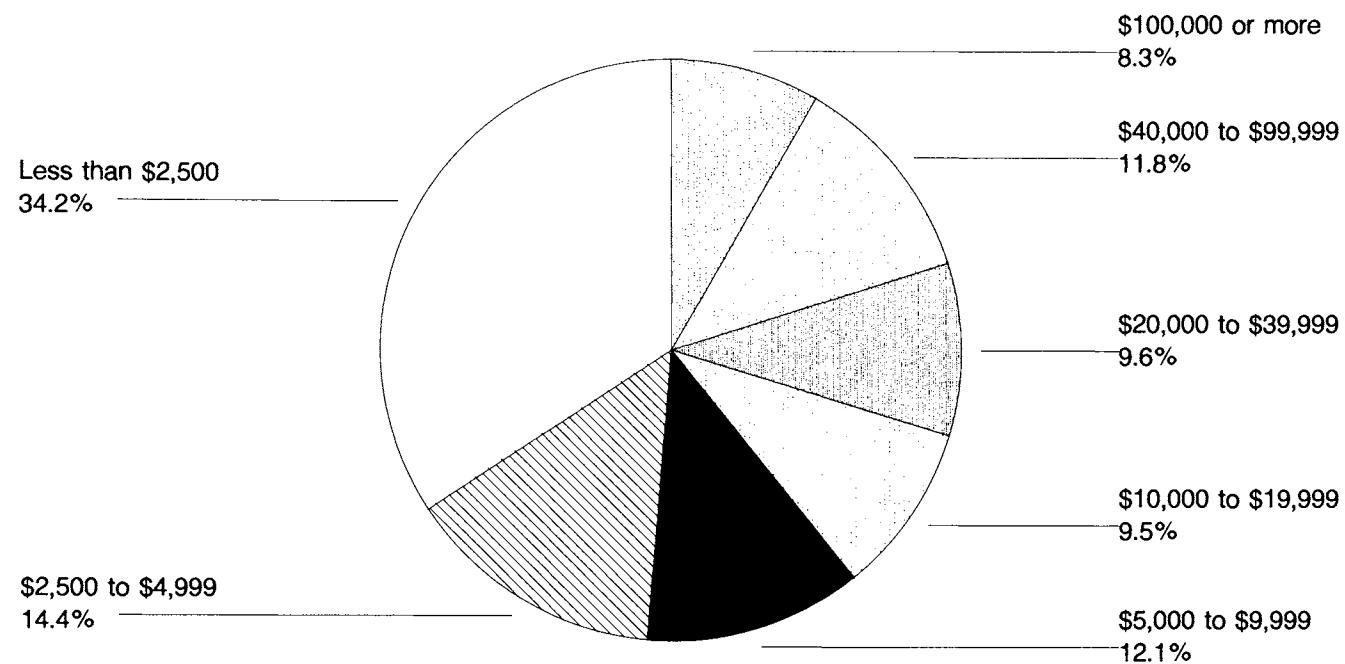
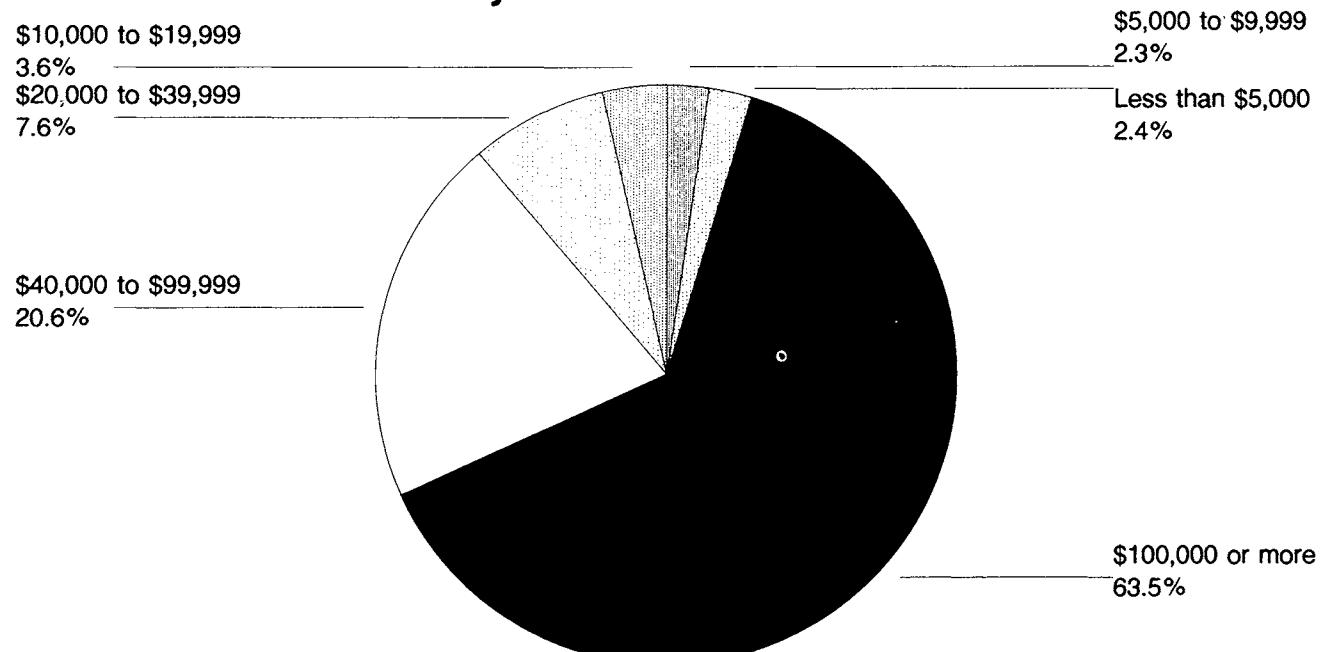


Chart 5.
Value of Products Sold by Size of Sales: 1978



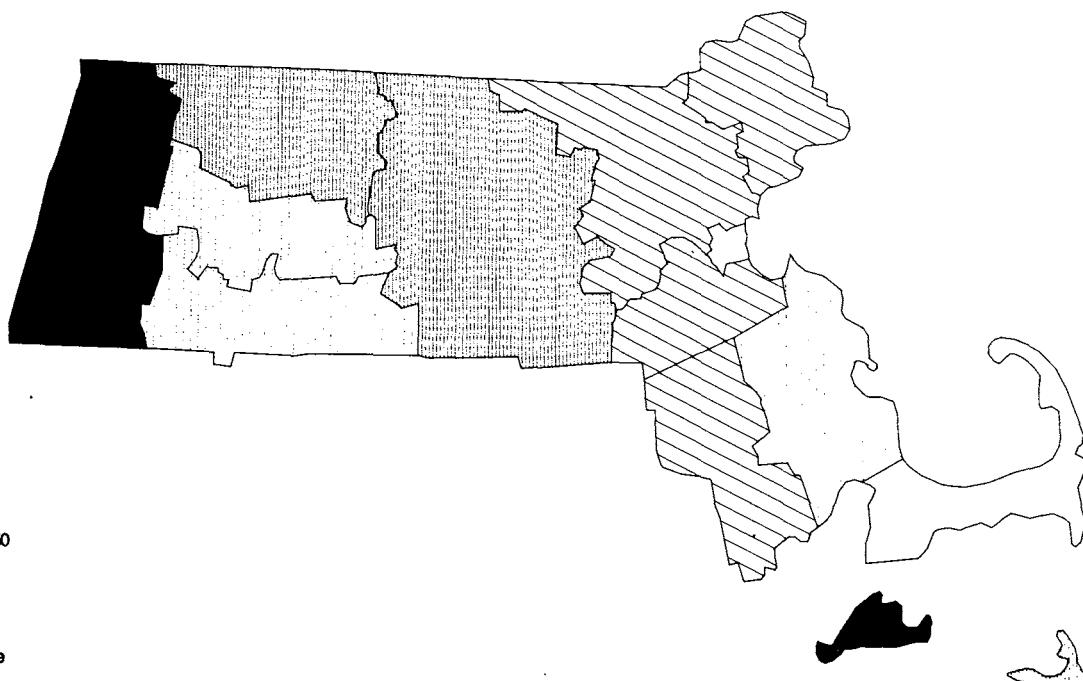
Map 1. Land in Farms by County: 1978

As percent of land in county

State average 13.6 percent

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

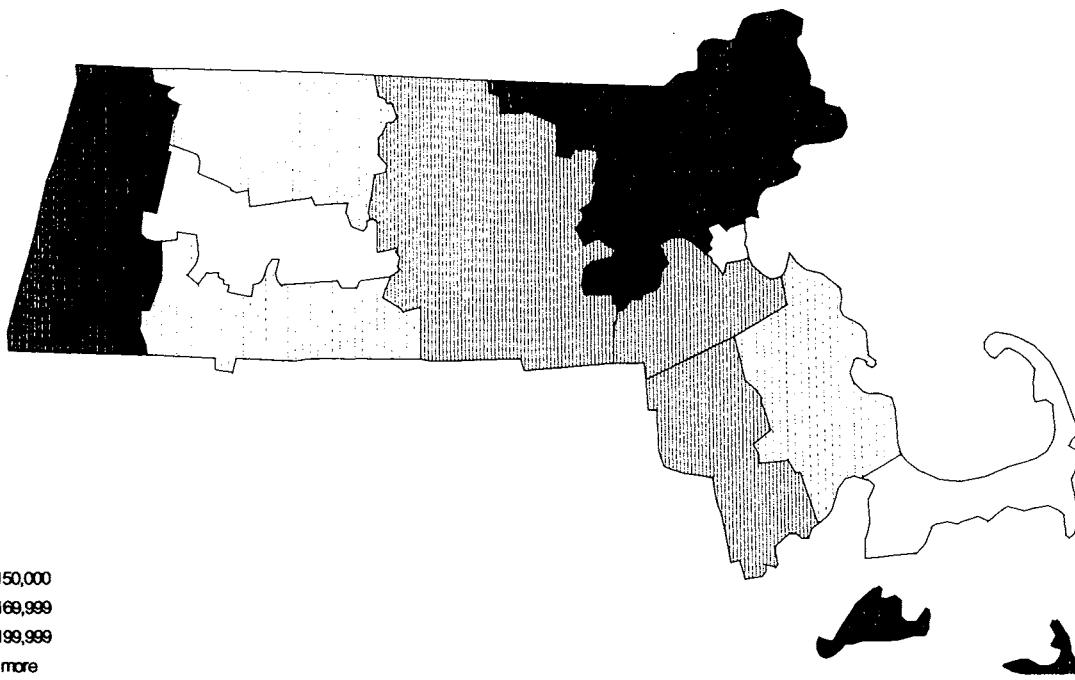
Average size 115 acres



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

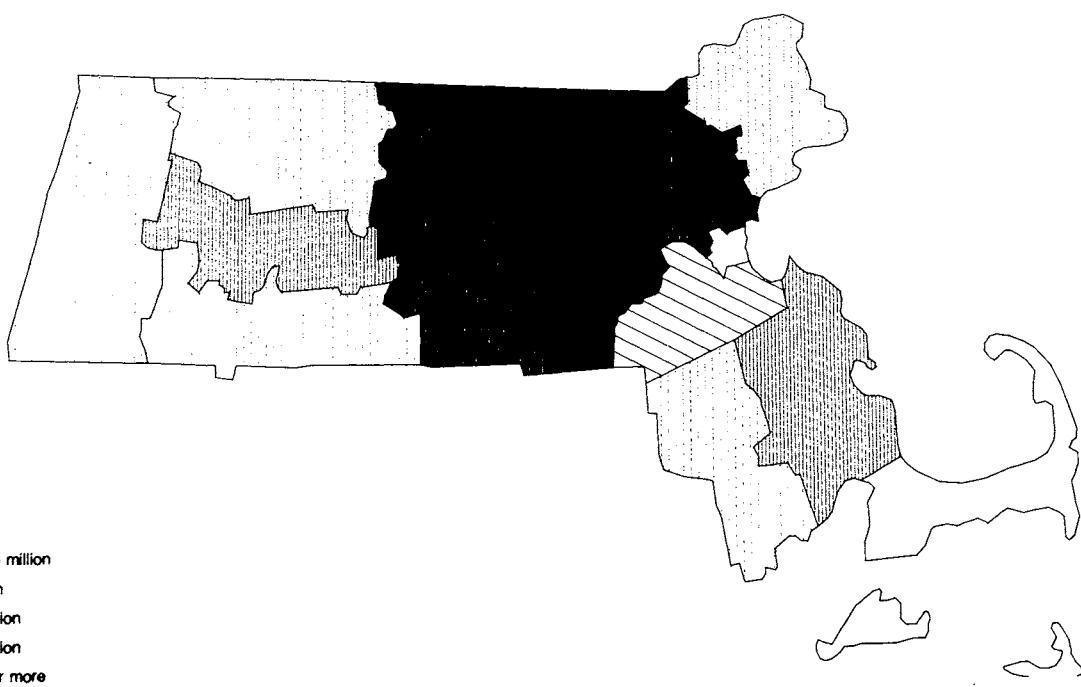
Average per farm

State average \$168,952



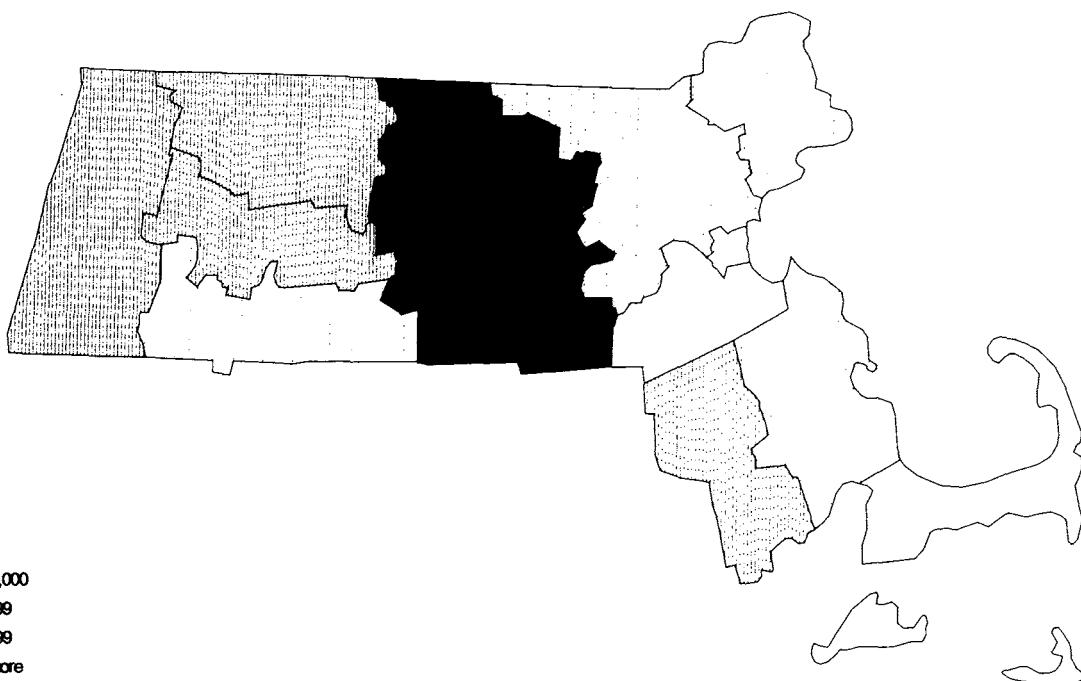
Map 4. Value of Agricultural Products Sold by County: 1978

State total \$214,675,000



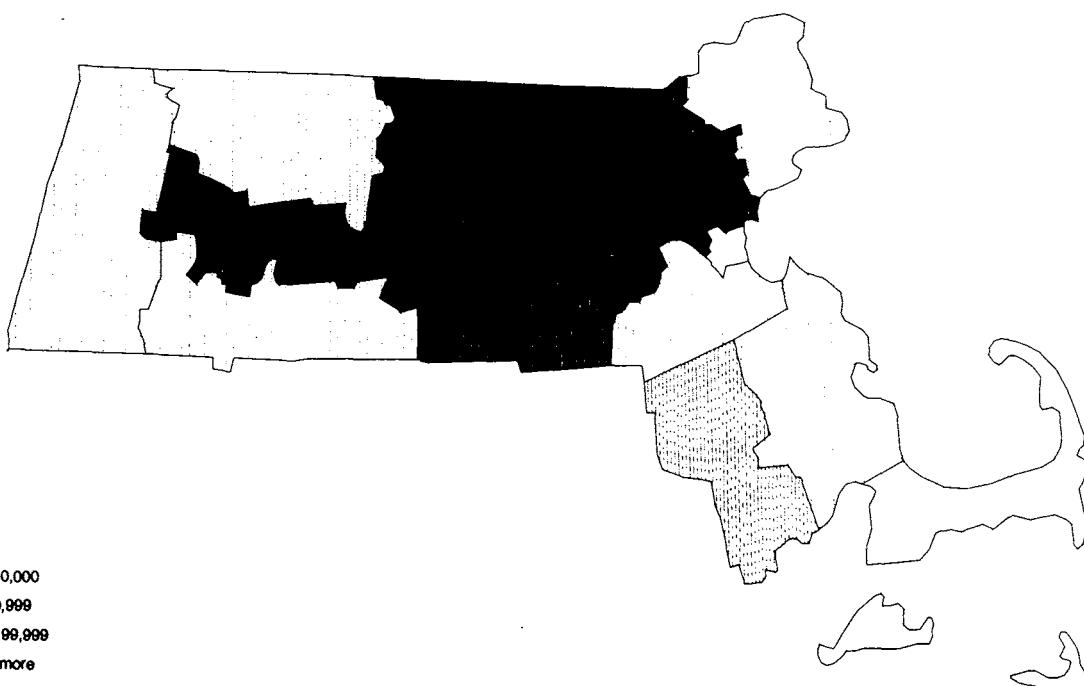
Map 5. Milk Cows Inventory by County: 1978

State total 50,171



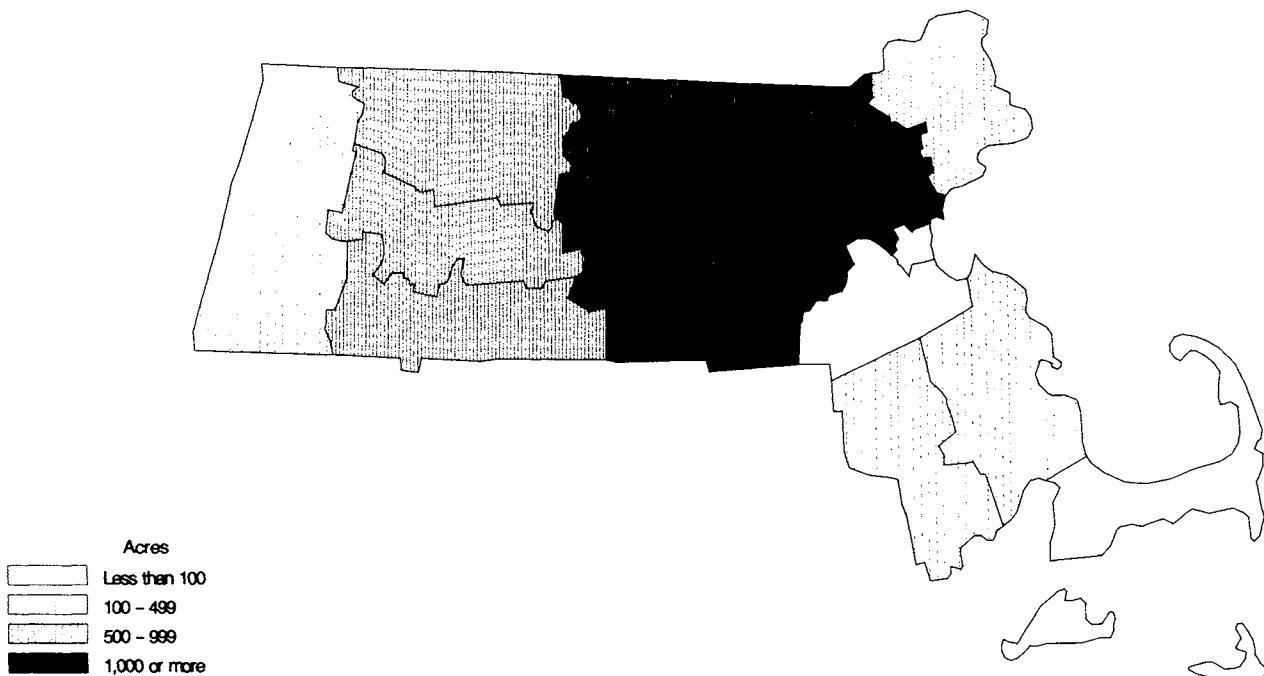
Map 6. Chickens 3 Months Old or Older
Inventory by County: 1978

State total 1,512,703



Map 7. Land in Orchards by County: 1978

State total 8,556 acres



Map 8. Value of Nursery and Greenhouse Products
Sold by County: 1978

State total \$41,137,000

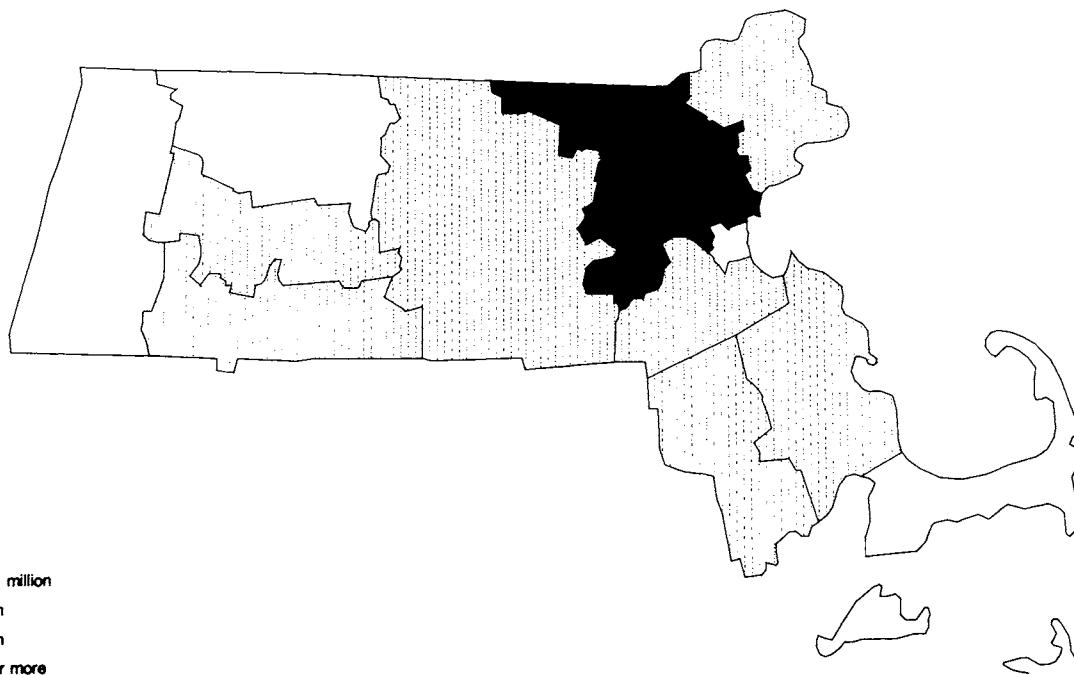


Table 1. Farms, Land in Farms, and Land Use: 1945 to 1978

	1978	1974	1969	1964	1959	1954	1950	1945	
All farms-----	number	5 891	4 497	5 703	8 019	11 179	17 361	22 220	37 007
Land in farms-----	acres	678 714	601 734	700 578	901 789	1 142 341	1 439 080	1 660 389	2 078 349
Average size of farm-----	acres	115	134	123	113	102	83	75	56
Approximate land area-----	acres	5 008 640	5 008 768	5 008 768	5 034 880	5 034 880	5 034 880	5 060 480	5 060 480
Proportion in farms-----	percent	13.6	12.0	14.0	17.9	22.7	28.6	33.0	41.1
Value of land and buildings: ¹	dollars	168 952	128 535	69 362	43 492	31 692	18 552	14 163	7 167
Average per farm-----	dollars	1 443	961	565	386	310	224	190	128
Farms by value of land and buildings:									
\$1 to \$9,999-----		115	257	620	856	(NA)	(NA)	(NA)	(NA)
\$10,000 to \$19,999-----		302	303	880	1 984	(NA)	(NA)	(NA)	(NA)
\$20,000 to \$39,999-----		640	772	1 528	2 626	(NA)	(NA)	(NA)	(NA)
\$40,000 to \$69,999-----		1 117	907	1 187	1 378	(NA)	(NA)	(NA)	(NA)
\$70,000 to \$99,999-----		947	564	485	482	(NA)	(NA)	(NA)	(NA)
\$100,000 to \$149,999-----		867	569	458	397	(NA)	(NA)	(NA)	(NA)
\$150,000 to \$199,999-----		502	325	183	114	(NA)	(NA)	(NA)	(NA)
\$200,000 to \$499,999-----		1 042	606	291	132	(NA)	(NA)	(NA)	(NA)
\$500,000 or more-----		359	194	71	50	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:									
Total cropland-----	farms	5 526	4 212	5 168	7 101	9 752	15 217	18 988	35 691
acres		311 030	257 033	280 455	347 833	445 153	550 613	624 376	702 539
Harvested cropland-----	farms	5 107	4 032	4 669	6 498	8 779	13 005	16 706	35 002
acres		213 669	188 015	189 635	234 443	290 682	331 180	376 036	580 608
Farms by acres harvested:									
1 to 49 acres-----		3 869	2 835	3 476	4 894	6 933	11 053	14 775	32 267
1 to 9 acres-----		1 661	1 239	1 469	2 315	3 034	5 483	7 204	19 421
10 to 19 acres-----		856	583	791	967	1 528	2 280	3 309	6 126
20 to 29 acres-----		537	467	566	689	1 061	1 500	2 053	3 314
30 to 49 acres-----		815	546	650	923	1 310	1 790	2 209	3 406
50 to 99 acres-----		657	682	716	1 056	1 262	1 415	1 434	2 103
100 to 199 acres-----		420	373	342	433	455	435	407	523
200 to 499 acres-----		142	123	118	105	117	95	87	99
500 to 999 acres-----		16	14	15	8	11	7	2	7
1,000 acres or more-----		3	5	2	2	1	—	1	3
1,000 to 1,999 acres-----		2	4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more-----		1	1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing ² -----	farms	2 510	1 601	2 293	2 679	4 045	6 469	7 661	4 421
acres		77 443	55 467	71 515	79 943	102 748	142 930	151 049	77 123
Other cropland-----	farms	1 155	704	994	1 941	2 658	4 757	5 841	(NA)
acres		19 918	13 551	19 305	33 447	51 723	76 503	97 291	44 808
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	farms	338	(NA)	(NA)	403	671	(NA)	(NA)	(NA)
acres		4 289	(NA)	(NA)	4 550	8 141	(NA)	(NA)	(NA)
Cropland on which all crops failed-----	farms	130	(NA)	(NA)	499	(NA)	(NA)	(NA)	1 214
acres		843	(NA)	(NA)	4 511	(NA)	(NA)	(NA)	7 859
Cropland in cultivated summer fallow ³ -----	farms	106	(NA)						
acres		1 308	(NA)						
Cropland idle-----	farms	744	(NA)	(NA)	1 328	(NA)	3 812	(NA)	3 063
acres		13 478	(NA)	(NA)	24 386	(NA)	59 347	(NA)	36 949
Total woodland-----	farms	3 583	2 631	3 410	4 944	7 162	10 809	13 100	21 520
acres		272 563	240 463	309 842	404 765	512 024	670 606	740 136	940 080
Woodland pastured-----	farms	995	(NA)	(NA)	1 540	2 150	3 609	4 593	7 397
acres		37 673	(NA)	(NA)	86 373	101 945	166 641	195 074	300 151
Woodland not pastured-----	farms	3 142	(NA)	(NA)	4 261	6 248	9 047	10 902	17 558
acres		234 890	(NA)	(NA)	318 392	410 079	503 965	545 062	639 929
Other land-----	farms	4 201	3 228	3 782	(NA)	(NA)	(NA)	(NA)	(NA)
acres		95 121	104 238	110 281	149 191	185 164	217 861	295 877	435 730
Pastureland and rangeland other than cropland and woodland pastured-----	farms	708	(NA)	(NA)	1 663	2 513	3 484	4 599	10 527
acres		31 268	(NA)	(NA)	73 025	90 483	113 329	145 105	247 090
Land in house lots, ponds, roads, wasteland, etc.-----	farms	4 020	(NA)	(NA)	6 543	(NA)	14 214	16 798	25 830
acres		63 853	(NA)	(NA)	76 166	94 681	104 532	150 772	188 640
Irrigated land-----	farms	1 027	879	925	1 229	1 093	1 366	1 053	874
acres		16 941	18 512	18 850	24 178	19 999	22 683	18 507	11 355

¹1978 and 1950 through 1964 data are based on a sample of farms. ²Not fully comparable for various census years because of differences in cropland used only for pasture. ³Varies from State to State, 1950 through 1964; 17 Western States, 1945 not available.

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

	1978	1974	1969		1978	1974	1969
Farms -----	number	3 859	3 185	3 665	Land in farms according to use—Con.		
Land in farms-----	acres	535 675	496 050	536 539	Total cropland—Con.		
Average size of farm-----	acres	139	156	146	Cropland on which all crops failed-----	farms	96
Value of land and buildings: ¹	dollars	195 905	150 448	84 347	farms	637	76
Average per farm-----	dollars	1 399	966	576	acres	1 136	84
Average per acre-----	dollars				86	61	701
Land in farms according to use:					Cropland in cultivated summer fallow-----	farms	1 221
Total cropland-----	farms	3 637	2 957	3 312	farms	1 448	94
acres		256 264	221 873	234 722	acres	500	2318
Harvested cropland-----	farms	3 409	2 874	3 147	Cropland idle-----	farms	8 686
acres		184 241	168 942	165 035	acres	4 503	402
Farms by acres harvested:					Total woodland-----	farms	2 306
1 to 49 acres-----		2 254	1 742	2 020	farms	1 810	2 140
50 to 99 acres-----		589	626	674	acres	204 687	188 792
100 to 199 acres-----		411	368	330	Woodland pastured-----	farms	655
200 to 499 acres-----		136	119	108	farms	619	884
500 to 999 acres-----		16	14	13	acres	28 997	33 658
1,000 acres or more-----		3	5	2	Woodland not pastured-----	farms	2 016
1,000 to 1,999 acres-----		2	4	2	farms	1 513	1 702
2,000 acres or more-----		1	1	—	acres	175 690	155 134
Cropland used only for pasture or grazing-----	farms	1 428	1 014	1 363	Pastureland and rangeland other than cropland and woodland pastured-----	farms	497
acres		58 108	43 669	55 694	farms	552	741
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	farms	229	148	159	acres	23 916	36 502
acres		3 371	2 175	3 528	Land in house lots, ponds, roads, wasteland, etc.-----	farms	2 608
Pastureland, all types-----	farms			farms	50 808	48 467	
acres				acres	1 907	2 017	
Irrigated land-----	farms			farms	111 021	110 567	
acres				acres	889	156 618	
					17 887	18 081	

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

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

	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1978	1974	1978	1974	1978	1974	1978	1974
All farms -----	5 891	4 497	678 714	601 734	213 669	188 015	16 941	18 512
with harvested cropland-----	5 107	4 032	644 991	578 413	213 669	188 015	16 941	18 470
with irrigated land-----	1 027	879	95 883	97 444	26 961	27 787	16 941	18 512
Farms by size:								
1 to 9 acres -----	987	627	4 128	2 459	1 606	1 166	476	391
with harvested cropland-----	714	495	2 917	2 037	1 606	1 166	476	391
with irrigated land-----	240	175	1 012	800	542	443	476	391
10 to 49 acres -----	1 798	1 185	47 280	29 737	17 134	11 334	2 590	2 545
with harvested cropland-----	1 485	1 009	39 710	25 754	17 134	11 334	2 590	2 507
with irrigated land-----	381	305	9 024	7 321	3 303	3 031	2 590	2 545
50 to 69 acres -----	516	384	30 170	22 158	11 083	8 328	1 183	1 336
with harvested cropland-----	450	334	26 313	19 423	11 083	8 328	1 183	1 336
with irrigated land-----	88	77	5 032	4 375	1 691	1 977	1 183	1 336
70 to 99 acres -----	498	406	41 189	33 782	14 215	10 999	1 184	1 243
with harvested cropland-----	458	369	37 917	30 773	14 215	10 999	1 184	1 239
with irrigated land-----	63	64	5 177	5 228	2 114	1 774	1 184	1 243
100 to 139 acres -----	575	503	66 897	58 594	21 549	21 549	1 684	2 553
with harvested cropland-----	540	476	62 889	55 494	21 549	21 549	1 684	2 553
with irrigated land-----	77	94	8 899	11 078	2 870	3 784	1 684	2 553
140 to 179 acres -----	421	344	66 015	53 367	21 173	17 405	1 382	1 338
with harvested cropland-----	402	324	63 212	50 301	21 173	17 405	1 382	1 338
with irrigated land-----	62	38	9 980	5 865	3 695	2 184	1 382	1 338
180 to 219 acres -----	290	265	57 549	52 116	17 819	17 319	565	1 292
with harvested cropland-----	266	259	52 729	50 933	17 819	17 319	565	1 292
with irrigated land-----	24	29	4 739	5 723	1 480	2 572	565	1 292
220 to 259 acres -----	155	183	37 245	44 099	12 379	13 709	752	681
with harvested cropland-----	151	177	36 280	42 711	12 379	13 709	752	681
with irrigated land-----	14	22	3 378	5 303	1 177	1 292	752	681
260 to 499 acres -----	483	428	170 576	149 257	55 068	46 303	3 470	2 659
with harvested cropland-----	476	418	167 900	145 422	55 068	46 303	3 470	2 659
with irrigated land-----	57	49	19 210	16 480	5 173	4 739	3 470	2 659
500 to 999 acres -----	137	142	86 604	90 259	26 867	24 308	638	1 448
with harvested cropland-----	135	141	85 354	89 659	26 867	24 308	638	1 448
with irrigated land-----	14	19	8 550	11 965	1 683	2 533	638	1 448
1,000 to 1,999 acres -----	25	21	32 185	27 395	8 555	8 400	641	580
with harvested cropland-----	24	21	30 894	27 395	8 555	8 400	641	580
with irrigated land-----	5	4	(D)	4 672	(D)	(D)	(D)	580
2,000 acres or more -----	6	9	38 876	38 511	5 912	7 195	(D)	2 446
with harvested cropland-----	6	9	38 876	38 511	5 912	7 195	(D)	2 446
5,000 acres or more -----	2	3	(D)	18 634	(D)	2 424	(D)	2 446
with harvested cropland-----	3	(NA)	30 184	(NA)	3 992	(NA)	(D)	(NA)
with irrigated land-----	3	(NA)	30 184	(NA)	3 992	(NA)	(D)	(NA)
	1	(NA)	(D)	(NA)	(D)	(D)	(D)	(NA)

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

	All farms			Farms operated by Black and other races ¹		
	1978	1974	1969	1978	1974	1969
Farms and land in farms operated by:						
All operators -----	5 891	4 497	5 703	33	38	13
farms-----						
acres-----	678 714	601 734	700 578	1 950	1 865	696
Harvested cropland-----	5 107	4 032	4 669	30	28	12
farms-----						
acres-----	213 669	188 015	189 635	518	479	163
Full owners -----	3 846	3 015	4 058	25	32	11
farms-----						
acres-----	329 507	308 983	395 284	1 150	1 636	649
Harvested cropland-----	3 210	2 616	3 120	24	22	10
farms-----						
acres-----	70 941	68 578	77 124	292	396	124
Part owners -----	1 685	1 213	1 355	6	3	1
farms-----						
acres-----	322 034	264 910	284 206	580	181	37
Harvested cropland-----	1 584	1 188	1 315	4	3	1
farms-----						
acres-----	130 352	107 710	102 790	166	37	29
Tenants -----	360	269	290	2	3	1
farms-----						
acres-----	27 173	27 841	21 088	(D)	48	10
Harvested cropland-----	313	228	234	2	3	1
farms-----						
acres-----	12 376	11 727	9 721	(D)	46	10
Percent of tenancy -----	6.1	6.0	5.0	6.1	7.9	7.6
Farms by type of organization:						
Individual or family -----	5 017	(NA)	(NA)	27	(NA)	(NA)
farms-----						
acres-----	489 437	(NA)	(NA)	1 624	(NA)	(NA)
Partnership -----	447	(NA)	(NA)	2	(NA)	(NA)
farms-----						
acres-----	73 987	(NA)	(NA)	(D)	(NA)	(NA)
Corporations -----	365	(NA)	(NA)	3	(NA)	(NA)
farms-----						
acres-----	86 432	(NA)	(NA)	104	(NA)	(NA)
Family held:						
More than 10 stockholders -----	6	(NA)	(NA)	—	(NA)	(NA)
farms-----						
acres-----	3 270	(NA)	(NA)	—	(NA)	(NA)
10 or less stockholders -----	319	(NA)	(NA)	2	(NA)	(NA)
farms-----						
acres-----	62 213	(NA)	(NA)	(D)	(NA)	(NA)
Other than family held:						
More than 10 stockholders -----	16	(NA)	(NA)	—	(NA)	(NA)
farms-----						
acres-----	19 132	(NA)	(NA)	—	(NA)	(NA)
10 or less stockholders -----	24	(NA)	(NA)	1	(NA)	(NA)
farms-----						
acres-----	1 817	(NA)	(NA)	(D)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. -----	62	(NA)	(NA)	1	(NA)	(NA)
farms-----						
acres-----	28 858	(NA)	(NA)	(D)	(NA)	(NA)

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

	All farms			Farms operated by Black and other races ¹		
	1978	1974	1969	1978	1974	1969
Operators by age group:¹						
Under 25 years	91	53	83	—	3	—
25 to 34 years	594	302	367	4	3	—
35 to 44 years	1 190	616	1 019	11	10	—
45 to 54 years	1 348	1 081	1 624	10	7	9
55 to 64 years	1 536	1 227	1 535	5	7	3
65 years and over	1 132	885	1 075	3	8	1
Average age	51.9	54.2	53.0	46.6	50.1	54.9
Operators by place of residence:¹						
On farm operated	4 780	3 151	4 412	23	20	6
Not on farm operated	743	506	773	8	7	7
Not reported	368	840	518	2	11	—
Operators reporting days of work off farm:¹						
None	2 387	1 672	(NA)	15	10	(NA)
Any	3 275	1 815	2 892	15	21	7
1 to 49 days	293	183	335	—	—	2
50 to 99 days	147	127	193	1	—	—
100 to 149 days	212	117	433	2	3	3
150 to 199 days	326	231	—	—	6	2
200 days or more	2 297	1 157	1 931	12	12	7
Not reporting	229	677	(NA)	3	(NA)	—
Operators by principal occupation:¹						
Farming	3 062	2 560	(NA)	20	18	(NA)
Other	2 829	1 604	(NA)	13	20	(NA)
Operators by sex:						
Male	5 438	(NA)	(NA)	32	(NA)	(NA)
	643 616	(NA)	(NA)	1 948	(NA)	(NA)
Female	453	(NA)	(NA)	1	(NA)	(NA)
	35 098	(NA)	(NA)	(D)	(NA)	(NA)
Operators of Spanish origin						
	41	(NA)	(NA)	2	(NA)	(NA)
	2 393	(NA)	(NA)	(D)	(NA)	(NA)

¹1969 data apply only to farms operated by Blacks; 1974 data apply only to individual or family operations (sole proprietorship) and partnerships; see text.

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

	1978		1974		1969	
	Farms	Forms operated by Black and other races, (see text)	Farms	Forms operated by Black and other races, (see text)	Farms	Forms operated by Black and other races, (see text)
Individual or family						
	3 094	19	2 612	17	3 082	9
	365 807	1 123	360 299	1 120	396 829	638
Partnership	382	—	257	—	356	—
	69 963	—	51 085	—	64 697	—
Corporations	353	3	293	(NA)	196	2
	85 799	104	71 629	(NA)	69 489	19
Family held:						
More than 10 stockholders	6	—	(NA)	(NA)	(NA)	(NA)
	3 270	—	(NA)	(NA)	(NA)	(NA)
10 or less stockholders	309	2	(NA)	(NA)	(NA)	(NA)
	61 586	(D)	(NA)	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders	16	—	(NA)	(NA)	(NA)	(NA)
	19 132	—	(NA)	(NA)	(NA)	(NA)
10 or less stockholders	22	1	(NA)	(NA)	(NA)	(NA)
	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	30	—	23	(NA)	31	—
	14 106	—	13 037	(NA)	5 524	—

¹1969 data for farms operated by Blacks only.

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

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

All Farms	1978				All Farms	1978			
	Farms	Expenses (\$1,000)	1974	1969		Farms	Expenses (\$1,000)	1974	1969
Livestock and poultry purchased	farms				Commercial fertilizer	farms			
purchased	\$1,000	2 042	(X)	1 502	\$1,000	4 008	(X)	3 190	3 833
Farms with expenses of—		11 382		8 110		(X)	7 360	5 808	3 531
\$1 to \$499		760	122	573	\$500 to \$999	1 940	377	1 592	2 452
\$500 to \$999		292	184	201	\$1,000 to \$4,999	620	438	445	567
\$1,000 to \$4,999		613	1 250	424	\$5,000 to \$9,999	1 097	2 575	892	700
\$5,000 to \$9,999		165	1 102	131	\$10,000 to \$19,999	234	1 626	165	86
\$10,000 to \$14,999		76	885	93	\$20,000 to \$29,999	82	1 033	68	
\$15,000 to \$19,999		31	496		\$30,000 to \$39,999	17	414		28
\$20,000 to \$29,999		38	880		\$40,000 or more	6	198		
\$30,000 to \$39,999		16	538			12	699		
\$40,000 to \$49,999		17	723	80					
\$50,000 to \$79,999		19	1 182						
\$80,000 or more		15	4 021						
Feed for livestock and poultry	farms				Other agricultural chemicals including lime	farms			
Feed for livestock and poultry	\$1,000	3 319	(X)	2 512	\$1,000	3 791	(X)	2 354	(NA)
Farms with expenses of—		40 503		40 395		(X)	4 035	2 768	2 231
\$1 to \$499		874	193	621	\$1 to \$999	909	37	674	(NA)
\$500 to \$999		572	389	258	\$1,000 to \$4,999	1 513	359	847	(NA)
\$1,000 to \$4,999		797	1 690	547	\$5,000 to \$9,999	558	374	300	(NA)
\$5,000 to \$9,999		205	1 439	255	\$10,000 to \$19,999	388	534	412	(NA)
\$10,000 to \$14,999		162	1 943		\$20,000 or more	273	786		
\$15,000 to \$19,999		193	3 238	365		88	553		
\$20,000 to \$29,999		204	4 960			37	489	121	(NA)
\$30,000 to \$39,999		94	3 233			25	902		
\$40,000 to \$79,999		143	7 839	466	Hired farm labor	farms			
\$80,000 or more		75	15 579		\$1,000	2 768	(X)	2 220	3 359
Commercially mixed formula feeds	farms					(X)	40 716	31 981	27 002
Commercially mixed formula feeds	\$1,000	2 187	(X)	2 152					
Farms by tons purchased:		33 467		2 714					
1 to 49 tons		1 347	(X)	1 262					
50 to 99 tons		253	(X)	299					
100 to 199 tons		317	(X)	341					
200 to 499 tons		203	(X)	179					
500 to 799 tons		39	(X)						
800 to 999 tons		5	(X)						
1,000 tons or more		23	(X)						
Farms with expenses of—									
\$1 to \$499		597	117	460					
\$500 to \$999		296	205	195					
\$1,000 to \$4,999		366	776	489					
\$5,000 to \$9,999		182	1 313	237					
\$10,000 to \$14,999		176	2 127						
\$15,000 to \$19,999		180	3 124	357					
\$20,000 to \$29,999		138	3 355						
\$30,000 to \$39,999		79	2 665						
\$40,000 to \$49,999		56	2 455	414					
\$50,000 or more		117	17 331						
Animal health cost	farms								
Animal health cost	\$1,000	2 492	(X)	1 518					
Farms with expenses of—									
\$1 to \$99		767	36	(NA)					
\$100 to \$499		1 027	227	(NA)					
\$500 to \$999		309	206	(NA)					
\$1,000 to \$2,999		315	486	(NA)					
\$3,000 to \$4,999		44	157	(NA)					
\$5,000 or more		30	407	(NA)					
Seeds, bulbs, plants, and trees	farms								
Seeds, bulbs, plants, and trees	\$1,000	3 051	(X)	2 450					
Farms with expenses of—									
\$1 to \$499		1 678	284	1 554					
\$500 to \$999		503	344	329					
\$1,000 to \$4,999		641	1 339	405					
\$5,000 to \$9,999		125	774	54					
\$10,000 to \$19,999		34	446						
\$20,000 or more		70	4 651	108					
Commercial fertilizer	farms								
Commercial fertilizer	\$1,000	4 008	(X)	3 190					
Farms with expenses of—									
\$1 to \$499		1 940	377	1 592					
\$500 to \$999		620	438	445					
\$1,000 to \$4,999		1 097	2 575	892					
\$5,000 to \$9,999		234	1 626	165					
\$10,000 to \$19,999		82	1 033	86					
\$20,000 to \$29,999		17	414						
\$30,000 to \$39,999		6	198						
\$40,000 or more		12	699						
Other agricultural chemicals including lime	farms								
Other agricultural chemicals including lime	\$1,000	3 791	(X)	2 354					
Farms with expenses of—		(X)	4 035	2 768					
\$1 to \$999		909	37	674					
\$100 to \$499		1 513	359	847					
\$500 to \$999		558	374	300					
\$1,000 to \$1,999		388	534	(NA)					
\$2,000 to \$4,999		273	786						
\$5,000 to \$9,999		88	553						
\$10,000 to \$19,999		37	489	121					
\$20,000 or more		25	902						
Hired farm labor	farms								
Hired farm labor	\$1,000	2 768	(X)	2 220					
Farms with expenses of—		(X)	40 716	31 981					
\$1 to \$999		175	8	125					
\$100 to \$499		352	99	331					
\$500 to \$999		298	206	232					
\$1,000 to \$2,499		473	746	381					
\$2,500 to \$4,999		443	1 442	281					
\$5,000 to \$9,999		329	2 217	456					
\$10,000 to \$19,999		134	3 200	359					
\$20,000 to \$29,999		98	3 598	509					
\$30,000 to \$49,999		139	24 654						
\$50,000 or more									
Contract labor	farms								
Contract labor	\$1,000	469	(X)	234					
Farms with expenses of—		(X)	1 658	896					
\$1 to \$499		125	30	89					
\$500 to \$999		77	50	39					
\$1,000 to \$4,999		180	364	68					
\$5,000 to \$9,999		55	417	19					
\$10,000 to \$19,999		12	167						
\$20,000 or more		20	629	19					
Customwork, machine hire, and rental of machinery and equipment	farms								
Customwork, machine hire, and rental of machinery and equipment	\$1,000	1 177	(X)	1 018					
Farms with expenses of—		(X)	1 705	990					
\$1 to \$499		667	119	629					
\$500 to \$999		193	130	174					
\$1,000 to \$4,999		276	506	180					
\$5,000 to \$9,999		19	120	19					
\$10,000 to \$19,999		18	238						
\$20,000 or more		4	592	16					
Energy and petroleum products expenses	farms								
Energy and petroleum products expenses	\$1,000	5 852	(X)	(NA)					
Farms with expenses of—		(X)	16 044	(NA)					
\$1 to \$499		2 519	545	(NA)					
\$500 to \$999		1 027	726	(NA)					
\$1,000 to \$1,999		748	1 075	(NA)					
\$2,000 to \$4,999		935	3 018	(NA)					
\$5,000 to \$9,999		367	2 594	(NA)					
\$10,000 to \$19,999		140	1 967	(NA)					
\$20,000 to \$39,999		76	2 057	(NA)					
\$40,000 or more		40	4 062	(NA)					
Petroleum products	farms								
Petroleum products	\$1,000	5 845	(X)	4 338					
Farms with expenses of—		(X)	12 019	5 580					
\$1 to \$499		2 882	588	4 573					
\$500 to \$999		1 010	704	3 435					
\$1,000 to \$1,999		844	1 222	1 113					
\$2,000 to \$4,999		685	2 153	907					
\$5,000 to \$9,999		244	1 676	81					
\$10,000 to \$19,999		92	1 261						
\$20,000 or more		88	4 415	44					

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

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

	1978, All farms		Farms with sales of \$2,500 or more					
	Forms	Expenses (\$1,000)	1978, farms		expenses (\$1,000)	1974, farms	1969, farms	
			1978, farms	1974, farms				
Gasoline	5 536	(X)	3 632	(X)	3 092	3 597		
Forms with expenses of								
\$1 to \$499	(X)	4 824	(X)	4 470	3 321	2 341		
\$500 to \$999	3 196	560	1 437	315	1 279	2 069		
\$1,000 to \$1,999	940	641	808	566	770	932		
\$2,000 to \$4,999	780	1 049	773	1 039	632	424		
\$5,000 to \$9,999	507	1 447	502	(D)	344	148		
\$10,000 to \$19,999	76	481	75	(D)	44			
\$20,000 or more	28	352	28	352	23	24		
9	293	9	293					
Diesel fuel	1 738	(X)	1 497	(X)	953	666		
Forms with expenses of								
\$1 to \$499	(X)	1 117	(X)	1 085	549	200		
\$500 to \$999	1 111	212	878	188	639	572		
\$1,000 to \$1,999	350	228	346	225	162	66		
\$2,000 to \$4,999	153	192	150	(D)	103	14		
\$5,000 to \$9,999	100	275	99	(D)	41	10		
\$10,000 or more	16	103	16	103	5			
8	108	8	108	3	4			
LP gas, butane, and propane	492	(X)	436	(X)	486	679		
Forms with expenses of								
\$1 to \$99	(X)	519	(X)	509	672	495		
\$100 to \$499	133	7	109	6	99	236		
\$500 to \$999	209	47	181	42	228	337		
\$1,000 to \$2,499	71	46	69	(D)	64	55		
\$2,500 to \$4,999	43	53	41		70			
\$5,000 or more	16	48	16	48	51			
20	318	20	318	25				
Motor oil, grease, natural gas, kerosene, and fuel oil	5 845	(X)	3 843	(X)	3 135	3 645		
Forms with expenses of								
\$1 to \$99	(X)	5 559	(X)	5 456	3 960	1 234		
\$100 to \$499	3 197	107	1 435	54	1 495	2 246		
\$500 to \$999	1 764	351	1 536	320	1 191	1 045		
\$1,000 to \$2,999	356	239	349	235	207	154		
\$3,000 to \$4,999	184	254	181	249	155			
168	494	167	(D)		200			
176	4 115	175	(D)	87				
1978, All farms								
	Fuel oil	Natural gas	Kerosene, motor oil, and grease	Electricity		Other—coal, wood, coke, etc.		
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	
	Forms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Forms	
Farms	1 104	(X)	150	(X)	5 844	(X)	3 854	(X)
Forms with expenses of								
\$1 to \$99	(X)	4 461	(X)	171	(X)	928	3 893	378
\$100 to \$999	159	8	14	1	3 655	126	1 001	(X)
\$1,000 to \$1,999	516	197	107	23	2 114	496	1 917	132
\$2,000 to \$4,999	152	215	13	17	47	57	507	284
\$5,000 or more	116	350	10	26	25	71	333	87
161	3 691	6	104	3	178	96	1 485	27

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

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

All Farms	Total			Reporting storage capacity				
	Farms	Purchased (1,000 gallons)	Expenses (\$1,000)	Price per gallon	Farms	Expenses (\$1,000)	Storage capacity (1,000 gallons)	
Gasoline	5 536	8 044	4 824	60.0	1 899	2 969	1 098	578
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	965	2 214	854	885
Diesel fuel	1 738	2 237	1 117	49.9	1 004	846	432	430
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	237	450	242	1 020
LP gas, butane, and propane	492	1 002	519	51.8	206	383	223	1 082
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	86	348	202	2 346
Fuel oil	1 104	9 682	4 461	46.1	571	3 469	2 271	3 978
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	333	3 132	2 208	6 630

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

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

	All farms, 1978	Farms with sales of \$2,500 or more			
		1978		1974	
		Farms	Expenses (\$1,000)	1969	
Hired farm labor	2 768	2 277		1 913	2 632
Workers by number of days worked:					
150 days or more	23 554	21 738		25 365	24 642
Less than 150 days	40 716	39 625		31 561	25 887
Contract labor	1 451	1 309		1 032	1 244
Workers	6 076	5 698		4 520	5 678
Farms	2 245	1 845		1 487	2 174
Expenses, \$1,000	17 478	16 040		20 845	18 964
	469	395		174	285
	1 658	1 625		876	814

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

	All farms			Farms with sales of \$2,500 or more		
	1978	1974	1969	1978	1974	1969
Market value of agricultural products sold ¹ (see text) farms	5 891	4 497	5 703	3 859	3 185	3 665
\$1,000	214 675	179 653	138 650	211 420	177 112	134 896
Average per farm dollars	36 441	39 950	24 312	54 786	55 608	36 806
Farms by value of agricultural products sold:						
Less than \$2,500 (see text) farms	2 012	1 354	2 132	(X)	59	130
\$1,000	2 052	1 528	1 601	(X)	77	117
\$2,500 to \$4,999 farms	849	444	481	849	444	481
\$1,000	3 063	1 624	1 726	3 063	1 624	1 726
\$5,000 to \$7,499 farms	463	281	338	463	281	338
\$1,000	2 816	1 723	2 045	2 816	1 723	2 045
\$7,500 to \$9,999 farms	251	217	262	251	217	262
\$1,000	2 142	1 889	2 285	2 142	1 889	2 285
\$10,000 to \$14,999 farms	354	305	452	354	305	452
\$1,000	4 211	3 691	5 549	4 211	3 691	5 549
\$15,000 to \$19,999 farms	202	230	348	202	230	348
\$1,000	3 473	3 926	6 071	3 473	3 926	6 071
\$20,000 to \$29,999 farms	315	383	542	315	383	542
\$1,000	7 648	9 258	13 306	7 648	9 258	13 306
\$30,000 to \$39,999 farms	250	244	338	250	244	338
\$1,000	8 568	8 409	11 563	8 568	8 409	11 563
\$40,000 to \$59,999 farms	335	356	311	335	356	311
\$1,000	16 366	17 349	14 908	16 366	17 349	14 908
\$60,000 to \$79,999 farms	217	195	156	217	195	156
\$1,000	15 012	13 340	10 606	15 012	13 340	10 606
\$80,000 to \$99,999 farms	136	127	92	136	127	92
\$100,000 or more farms	12 178	11 181	8 126	12 178	11 181	8 126
\$1,000	487	344	215	487	344	215
\$100,000 to \$199,999 farms	135 944	104 647	58 593	135 944	104 647	58 593
\$1,000	293	211	136	293	211	136
\$200,000 to \$499,999 farms	40 091	28 553	(NA)	40 091	28 553	(NA)
\$1,000	145	86	59	145	86	59
\$500,000 or more farms	41 435	25 790	(NA)	41 435	25 790	(NA)
\$1,000	49	47	20	49	47	20
Abnormal farms farms	54 419	50 304	(NA)	54 419	50 304	(NA)
\$1,000	20	17	36	(X)	(X)	(X)
	1 203	1 089	2 270	(X)	(X)	(X)
Form sales by commodity or commodity group:						
Crops, including nursery and greenhouse products farms	3 427	3 033	3 348	2 522	2 156	2 164
\$1,000	100 829	86 453	61 859	99 469	85 347	60 495
Grains farms	99	(NA)	(NA)	64	59	45
\$1,000	365	(NA)	(NA)	334	281	99
Commodity Credit Corporation loans farms	1	(NA)	(NA)	1	(NA)	(NA)
\$1,000	(D)	(NA)	(NA)	(D)	(NA)	(NA)
Cotton and cottonseed farms	—	(NA)	(NA)	—	—	—
\$1,000	—	(NA)	(NA)	—	(NA)	(NA)
Commodity Credit Corporation loans farms	—	(NA)	(NA)	—	(NA)	(NA)
\$1,000	—	(NA)	(NA)	—	(NA)	(NA)
Tobacco farms	44	(NA)	(NA)	44	48	72
\$1,000	6 985	(NA)	(NA)	6 985	9 925	11 289
Field seeds, hay, forage, and silage farms	1 274	(NA)	(NA)	821	658	609
\$1,000	4 779	(NA)	(NA)	4 216	4 136	1 792
Vegetables, sweet corn, and melons farms	1 092	(NA)	(NA)	894	673	682
\$1,000	13 712	(NA)	(NA)	13 488	10 200	7 461
Fruits, nuts, and berries farms	946	(NA)	(NA)	751	655	679
\$1,000	30 455	(NA)	(NA)	30 167	20 542	17 672
Nursery and greenhouse products farms	802	653	(NA)	665	563	511
\$1,000	41 137	37 063	(NA)	40 895	36 933	20 018
Other crops farms	182	(NA)	(NA)	142	151	179
\$1,000	3 397	(NA)	(NA)	3 384	3 330	2 163
Livestock, poultry, and their products sold farms	3 144	2 396	3 025	2 090	1 729	2 213
\$1,000	113 846	92 464	76 360	111 951	91 086	74 020
Poultry and poultry products farms	574	417	(NA)	323	294	511
\$1,000	18 682	24 134	(NA)	18 508	23 977	24 433
Dairy products farms	933	(NA)	(NA)	872	955	1 311
\$1,000	61 784	(NA)	(NA)	61 162	50 396	39 281
Cattle and calves farms	2 061	(NA)	(NA)	1 487	1 333	(NA)
\$1,000	12 630	(NA)	(NA)	11 988	7 405	6 266
Sheep, lambs, and wool farms	340	(NA)	(NA)	126	71	—
\$1,000	242	(NA)	(NA)	152	74	—
Hogs and pigs farms	551	(NA)	(NA)	381	240	(NA)
\$1,000	5 632	(NA)	(NA)	5 515	3 346	4 039
Other livestock and livestock products (see text) farms	708	(NA)	(NA)	388	153	—
\$1,000	14 876	(NA)	(NA)	14 625	5 888	—

¹1974 and 1969 data include sales of forest products.

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

	All farms		Farms with sales of \$2,500 or more	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Direct sales forms	1 253	(X)	844	(X)
\$1,000	(X)	9 792	(X)	9 460
Average per farm dollars	(X)	7 815	(X)	11 209
Farms by value of direct sales:				
\$1 to \$99	59	3	14	1
\$100 to \$249	114	17	39	6
\$250 to \$499	117	42	57	20
\$500 to \$999	174	118	84	56
\$1,000 to \$4,999	499	1 057	361	(D)
\$5,000 to \$9,999	108	735	108	735
\$10,000 to \$19,999	75	1 079	75	1 079
\$20,000 to \$29,999	28	665	28	665
\$30,000 or more	79	6 076	78	(D)

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

	All farms			Farms with sales of \$2,500 or more		
	1978			1978		
	1978	1974	1969	1978	1974	1969
Total farms	411	386	405	311	263	276
\$1,000 dollars	836	1 307	1 161	697	1 078	998
Average per farm	2 034	3 386	2 867	2 240	4 099	3 616
Income from machine work, customwork, and other agricultural services:						
\$1 to \$249	153	(NA)	(NA)	109	66	80
\$250 to \$499	55	(NA)	(NA)	38	36	30
\$500 to \$999	63	(NA)	(NA)	43	31	43
\$1,000 to \$4,999	103	(NA)	(NA)	88	81	76
\$5,000 to \$9,999	19	(NA)	(NA)	16	13	19
\$10,000 to \$19,999	12	(NA)	(NA)	12		
\$20,000 to \$29,999	2	(NA)	(NA)	2	36	28
\$30,000 or more	4	(NA)	(NA)	3		

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

All Farms	Forms	Land in farms (acres)	Harvested cropland (acres)	Selected capital assets, ¹ average per farm (dollars)		Value of sales (\$1,000)		
				Value of land and buildings	Value of machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock and livestock products
								Poultry and poultry products
Total	5 891	678 714	213 669	168 952	21 688	214 675	100 829	95 164
Crops (01)	3 188	264 165	84 363	141 639	19 754	99 454	98 356	1 028
Cash grains (011)	39	1 899	772	86 158	5 678	147	145	2
Wheat (0111)	—	—	—	—	—	—	—	—
Rice (0112)	—	—	—	—	—	—	—	—
Corn (0115)	36	1 832	711	86 158	5 678	143	141	2
Soybeans (0116)	—	—	—	—	—	—	—	—
Cash grains, n.e.c. ² (0119)	3	67	61	—	—	4	4	—
Field crops, except cash grains (013)	843	104 245	36 499	150 517	18 862	13 685	13 374	298
Cotton (0131)	—	—	—	—	—	—	—	—
Tobacco (0132)	31	3 379	1 102	266 054	66 051	6 815	6 805	10
Sugar crops (0133)	—	—	—	—	—	—	—	—
Irish potatoes (0134)	44	6 927	3 833	167 315	34 884	3 123	3 113	9
Field crops, except cash grains, n.e.c. ² (0139)	768	93 939	31 564	142 593	14 983	3 748	3 455	279
Vegetables and melons (016)	651	32 965	14 112	116 722	18 764	12 814	12 677	104
Fruits and tree nuts (017)	740	86 869	20 894	163 639	23 500	30 349	29 974	373
Berry crops (0171)	466	60 828	11 541	160 107	24 596	18 449	18 364	84
Grapes (0172)	—	—	—	—	—	—	—	—
Tree nuts (0173)	—	—	—	—	—	—	—	—
Citrus fruits (0174)	—	—	—	—	—	—	—	—
Deciduous tree fruits (0175)	208	21 983	8 626	174 630	25 484	11 689	11 457	230
Fruits and tree nuts, n.e.c. ² (0179)	66	4 058	727	151 559	10 386	211	153	58
Horticultural specialties (018)	645	16 237	5 227	131 502	21 740	41 181	41 142	35
Ornamental floriculture and nursery products (0181)	—	—	—	—	—	—	—	4
Food crops grown under cover (0182)	618	15 862	5 131	132 255	22 129	40 746	40 708	34
Horticultural specialties, n.e.c. ² (0189)	16	186	48	225 000	16 000	230	230	—
General farms, primarily crop (019)	270	21 950	6 859	144 938	11 764	1 279	1 044	216
Livestock (02)	2 703	414 549	129 306	201 834	24 014	115 221	2 473	94 136
Livestock, except dairy, poultry, and animal specialties (021)	1 230	142 697	29 611	157 193	13 826	11 942	648	11 244
Beef cattle feedlots (0211)	116	10 609	1 977	89 486	8 492	948	13	49
Beef cattle, except feedlots (0212)	619	84 531	19 509	169 020	14 020	4 860	294	935
Hogs (0213)	254	21 816	4 076	121 992	20 155	5 173	4 548	18
Sheep and goats (0214)	123	15 670	1 609	131 377	8 608	237	4 972	4
General livestock, except dairy, poultry, and animal specialties (0219)	118	10 071	2 440	244 842	11 789	725	129	218
Dairy (024)	822	235 024	92 983	329 588	46 839	68 466	1 088	67 219
Poultry and eggs (025)	207	10 703	1 726	116 108	22 264	18 688	256	216
Broiler, fryer, and roaster chickens (0251)	7	266	23	125 000	5 000	153	—	18 216
Chicken eggs (0252)	151	7 585	1 354	117 220	22 145	14 131	183	153
Turkey and turkey eggs (0253)	23	1 347	240	99 367	21 467	1 859	58	194
Poultry hatcheries (0254)	—	—	—	—	—	—	—	13 754
Poultry and eggs, n.e.c. ² (0259)	26	1 505	109	122 786	24 379	2 544	15	1 788
Animal specialties (027)	340	13 675	2 157	110 907	11 097	14 771	70	14 694
Fur-bearing animals and rabbits (0271)	28	543	17	100 153	5 537	633	4	7
Horses and other equines (0272)	269	11 547	2 071	110 185	9 428	1 639	46	1 586
Animal specialties, n.e.c. ² (0279)	43	1 585	69	124 175	25 612	12 500	21	12 479
General farms, primarily livestock (029)	104	12 450	2 829	199 789	12 948	1 355	411	763

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

²Not elsewhere classified receives 50 percent or more of their value of sales from a three digit SIC group, but less than 50 percent from any single four digit SIC group.

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

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

All Farms

Estimated market value of all machinery and equipment

	Farms	Value (\$1,000)	Farms	Value (\$1,000)
forms	5 888	(X)	4 290	(X)
\$1,000	(X)	127 697	(X)	84 637
dollars	(X)	21 688	(X)	19 729
Average per farm				
By value group:				
\$1 to \$999	53	33	45	25
\$1,000 to \$4,999	944	2 769	784	2 371
\$5,000 to \$9,999	1 864	11 868	926	6 427
\$10,000 to \$19,999	1 193	15 813	1 081	14 830
\$20,000 to \$29,999	605	13 839	654	15 527
\$30,000 to \$49,999	565	20 374	487	17 886
\$50,000 to \$69,999	323	17 713	175	9 540
\$70,000 or more	341	45 290	138	18 031
\$70,000 to \$99,999	137	10 903	(NA)	(NA)
\$100,000 to \$199,999	155	19 933	(NA)	(NA)
\$200,000 to \$499,999	44	10 636	(NA)	(NA)
\$500,000 or more	5	3 817	(NA)	(NA)

1978

1974

Total	Manufactured 1974 to 1978		Manufactured prior to 1974		Number manufactured 1970 to 1974
Farms	Number	Farms	Number	Farms	

Selected machinery and equipment:

	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1970 to 1974
Automobiles	3 158	4 367	1 438	1 746	2 091	2 621	3 044	4 184	2 295
2 or 3	846	1 851	247	528	410	882	862	1 861	654
4 or more	57	261	8	35	14	72	39	180	61
Motortrucks, including pickups	4 867	9 910	2 064	2 612	3 760	7 298	3 643	7 710	2 224
2 or 3	1 667	3 854	305	654	1 299	2 926	1 297	2 992	628
4 or more	632	3 488	39	238	442	2 353	507	2 879	346
Wheel tractors	4 753	10 902	990	1 365	4 334	9 537	3 675	8 630	1 505
2 or 3	2 057	4 803	194	426	1 959	4 582	(NA)	(NA)	(NA)
4 or more	867	4 270	42	185	671	3 251	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	33	47	5	5	28	42	23	35	11
Cornpickers, corn heads, and picker-shellers	191	217	37	41	159	176	162	197	32
Corn heads for combines	107	113	27	31	81	82	87	103	17
Other cornpickers and picker-shellers	99	104	10	10	89	94	83	94	15
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)	(NA)
Mower conditioners	1 435	1 568	607	623	860	945	952	1 048	437
Pickup balers	1 776	1 900	368	403	1 434	1 497	1 539	1 600	381
Field forage harvesters, shear bar or flywheel type	1 006	1 185	274	286	788	899	775	923	282

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

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

	All farms, 1978		Farms with sales of \$2,500 or more 1978		1974
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms
Agricultural chemicals, including commercial fertilizer and lime	4 528	3 167	2 522	2 288	
farms	11 395	10 753	8 288		
\$1,000	4 008	2 938	2 432		
Commercial fertilizer	155 283	144 299	118 963		
farms	7 360	6 920	5 587		
acres on which used	1 878	1 354	606		
\$1,000	41 707	37 893	15 612		
Lime	65 708	60 074	23 979		
farms					
acres on which used					
tons					
Farms by tons used:					
1 to 49 tons	1 487	978	446		
50 to 99 tons	238	225	90		
100 to 199 tons	114	112	58		
200 to 499 tons	35	35	11		
500 to 999 tons	3	3	1		
1,000 tons or more	1	1	—		
Sprays, dusts, granules, fumigants, etc. to control:					
Insects on hay and other crops	1 795	1 324	(NA)		
farms	42 157	39 192	38 171		
acres on which used	206	167	55		
Nematodes in crops	4 870	4 767	1 791		
farms	1 112	813	315		
acres on which used					
Diseases in crops and orchards	22 881	21 522	12 958		
farms	1 770	1 482	(NA)		
acres on which used	59 468	56 190	41 074		
Weeds, grass, or brush in crops and pasture					
farms					
acres on which used					
Chemicals for:					
Defoliation or for growth control of crops or thinning of fruit	210	167	62		
farms	6 372	6 240	2 393		
acres on which used					
Insect control on livestock and poultry	1 331	956	235		
farms	1 164	833	(NA)		
Sanitation and rodent and bird control					
farms					

Table 16. Irrigation: 1978, 1974, and 1969

	All farms			Farms with sales of \$2,500 or more		
	1978	1974	1969	1978	1974	1969
Farms irrigated in census year	farms	1 027	879	925	889	750
Proportion of farms	percent	17.4	19.5	16.2	23.0	23.5
Irrigated land	acres	16 941	18 512	18 850	16 510	17 887
Average per farm	acres	16	21	204	19	24
Irrigated farms by acres irrigated:						
1 to 9 acres	farms	674	482	491	543	366
	acres	2 098	(NA)	(NA)	1 801	1 302
10 to 49 acres	farms	289	316	359	282	304
	acres	6 149	(NA)	(NA)	6 015	6 820
50 to 99 acres	farms	39	53	52	39	52
	acres	2 734	(NA)	(NA)	2 734	3 693
100 to 199 acres	farms	19	20	14	19	20
	acres	2 564	(NA)	(NA)	2 564	2 543
200 to 499 acres	farms	4	6	6	4	6
	acres	(D)	(NA)	(NA)	(D)	(D)
500 to 999 acres	farms	1	1	2	1	1
	acres	(D)	(NA)	(NA)	(D)	(D)
1,000 acres or more	farms	1	1	1	1	1
	acres	(D)	(NA)	(NA)	(D)	(D)
Irrigated land use:						
Harvested cropland	farms	1 020	(NA)	(NA)	886	749
	acres	16 773	(NA)	(NA)	16 414	17 547
Pastureland	farms	10	(NA)	(NA)	5	(NA)
	acres	100	(NA)	(NA)	45	121
Other land	farms	18	(NA)	(NA)	11	13
	acres	68	(NA)	(NA)	51	219
Land in irrigated farms	acres	95 883	97 444	104 449	89 977	91 536
Cropland	acres	32 784	(NA)	(NA)	31 052	30 316
Harvested cropland	acres	26 961	27 787	27 962	26 002	26 678
						25 612

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

	All farms	Irrigated farms		Nonirrigated farms
		Any irrigated land	All harvested cropland irrigated	
Farms	number	5 891	1 027	4 864
Land in farms	acres	678 714	95 883	582 831
Value of land and buildings: ¹				
Average per farm	dollars	168 952	195 970	163 783
Average per acre	dollars	1 443	2 038	1 353
Irrigated land	acres	16 941	16 941	(X)
Land in farms according to use:				
Total cropland	farms	5 526	1 027	4 499
	acres	311 030	32 784	278 246
Harvested cropland	farms	5 107	1 027	4 080
	acres	213 669	26 961	186 708
Total pastureland, excluding woodland pastured	farms	2 920	137	2 783
	acres	108 711	3 294	105 417
Inventory of livestock:				
Cattle and calves	farms	2 599	95	2 504
	number	102 226	1 937	100 289
Milk cows	farms	1 356	36	1 320
	number	50 171	690	49 481
Hogs and pigs	farms	909	49	860
	number	59 626	2 414	57 212
Sheep and lambs	farms	419	31	388
	number	7 153	464	6 689
Estimated market value of all machinery and equipment ¹	farms	5 888	944	4 944
\$1,000.		127 697	28 972	98 726
Average per farm	dollars	21 688	30 690	19 969
Market value of agricultural products sold	\$1,000.	214 675	69 859	144 816
Average per farm	dollars	36 441	68 023	29 773
Crops, including nursery and greenhouse products	farms	3 427	1 007	2 420
\$1,000.		100 829	67 322	33 507
Livestock and livestock products	farms	2 928	130	2 798
\$1,000.		95 164	1 563	93 601
Poultry and poultry products	farms	574	48	526
\$1,000.		18 682	973	17 708
Selected farm production expenses: ¹				
Feed for livestock and poultry	farms	3 319	129	3 190
\$1,000.		40 503	935	39 568
Seed, bulbs, plants, and trees	farms	3 051	532	2 519
\$1,000.		7 838	5 173	2 664
Commercial fertilizer	farms	4 008	851	3 157
\$1,000.		7 360	1 596	5 764
Other agricultural chemicals, including lime	farms	3 791	858	2 933
\$1,000.		4 035	1 384	2 651
Energy and petroleum products	farms	5 852	937	4 915
\$1,000.		16 044	6 451	9 593
Hired farm labor	farms	2 768	609	2 159
\$1,000.		40 716	19 120	21 595
Contract labor	farms	469	155	314
\$1,000.		1 658	725	932

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

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

All Farms

	Inventory			Sales		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Value of livestock and poultry ¹	3 780	(X)	68 677	3 144	(X)	113 846
1978	2 630	(X)	41 165	2 396	(X)	92 464
1974	(NA)	(X)	36 721	3 025	(X)	76 360
1969				574	(X)	18 682
Value of poultry	1 155	(X)	3 570	2 928	(X)	95 164
Value of livestock	3 597	(X)	65 106			
Cattle and calves	2 599	102 226	57 658	2 061	53 860	12 630
1978	1 994	103 938	33 420	1 745	48 032	(NA)
1974	2 226	103 054	28 032	2 022	59 974	(NA)
1969	2 249	60 435	44 368	(NA)	(NA)	(NA)
Cows and heifers that had calved	1 730	62 978	26 457	(NA)	(NA)	(NA)
1978	1 931	64 714	22 526	(NA)	(NA)	(NA)
Beef cows	1 305	10 264	5 235	(NA)	(NA)	(NA)
1974	759	7 650	1 836	(NA)	(NA)	(NA)
1969	(NA)	5 928	1 363	(NA)	(NA)	(NA)
Milk cows	1 356	50 171	39 133	(NA)	(NA)	(NA)
1978	1 239	55 328	24 621	(NA)	(NA)	(NA)
1974	1 551	58 786	21 183	(NA)	(NA)	(NA)
Hogs and pigs	909	59 626	4 561	551	66 722	5 632
1978	465	43 229	1 973	309	52 681	(NA)
1974	307	55 975	1 909	224	56 879	(NA)
1969	(X)	(X)	(X)	219	14 385	464
Feeder pigs sold	(X)	(X)	(X)	86	11 531	(NA)
Sheep and lambs ²	419	7 153	451	293	4 208	242
1978	264	5 896	274	164	3 600	(NA)
1974	351	8 628	173	266	5 602	(NA)
1969						
Horses and ponies	1 387	8 122	2 437	397	1 214	1 639
1978	710	4 687	1 281	153	989	(NA)
1974	986	5 641	1 490	209	880	(NA)
1969						
Chickens 3 months old or older	944	1 512 683	3 255	276	1 093 544	(NA)
1978	577	1 956 434	4 195	258	1 943 276	(NA)
1974	803	2 673 382	4 955	493	2 392 540	(NA)
1969						
Hens and pullets of laying age	924	1 314 400	2 957	247	989 537	(NA)
1978	558	1 682 941	3 702	244	1 413 496	(NA)
1974	742	2 281 164	4 562	459	1 716 370	(NA)
1969						
Broilers and other meat-type chickens	154	56 287	34	49	163 818	(NA)
1978	41	40 850	22	31	301 430	(NA)
1974	40	361 275	163	58	1 577 680	(NA)
1969	202	37 383	281	70	137 722	(NA)

¹Value of major poultry and livestock inventory items.

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

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

	Inventory				Sales			
	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Any poultry	1 155	(X)	511	(X)	440	(X)	274	(X)
1978	621	(X)	378	(X)	304	(X)	252	(X)
1974								
Chickens 3 months old or older	944	1 512 683	434	1 479 514	276	1 093 544	191	1 080 027
1978	577	1 956 434	339	1 936 943	258	1 943 276	212	1 929 431
Farms with—								
1 to 1,599	858	70 307	352	48 797	200	49 662	118	42 545
1,600 to 3,199	24	57 501	22	(D)	24	59 442	21	53 042
3,200 to 9,999	29	160 426	27	(D)	24	134 840	24	134 840
10,000 or more	33	1 224 449	33	1 224 449	28	849 600	28	849 600
Hens and pullets of laying age	924	1 314 400	427	1 287 200	247	989 537	188	976 782
1978	558	1 682 941	332	1 665 358	244	1 413 496	203	1 400 045
Farms with—								
1 to 99	726	18 220	257	5 924	71	1 599	32	727
100 to 399	71	12 593	49	9 418	63	11 354	50	9 775
400 to 1,599	43	(D)	41	(D)	40	35 782	36	31 878
1,600 to 3,199	31	77 471	28	71 021	25	62 613	22	56 213
3,200 to 9,999	22	132 326	21	(D)	23	131 589	23	131 589
10,000 to 19,999	16	209 180	16	209 180	12	162 200	12	162 200
20,000 to 49,999	10	333 559	10	333 559	8	237 400	8	237 400
50,000 to 99,999	3	153 763	3	153 763	4	(D)	4	(D)
100,000 or more	2	(D)	2	(D)	1	(D)	1	(D)
Broilers and other meat-type chickens	154	56 287	49	50 866	49	163 818	25	157 348
1978	41	40 850	23	39 153	31	301 430	22	299 871
1974								
Turkeys	202	37 383	56	35 329	70	137 722	49	136 917
1978								
For slaughter	192	35 618	50	33 693	70	136 037	49	(D)
1978	(NA)	(NA)	32	15 812	(NA)	(NA)	32	171 244
1974								
Hens kept for breeding	22	1 765	13	1 636	6	1 685	5	(D)
1978	(NA)	(NA)	5	1 388	(NA)	(NA)	4	1 625
1974								
Ducks, geese, and other poultry	505	(X)	135	(X)	79	(X)	32	(X)
1978	(NA)	(X)	46	(X)	(NA)	(X)	20	(X)

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

Selected poultry inventory, 1978—All farms										
Chickens 3 months old or older								Pullet chicks and pullets under 3 months old		
Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age				Broilers and other meat-type chickens		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Forms with chickens 3 months old or older, inventory										
1 to 99	944	1 512 683	924	1 314 400	233	198 283	41	114 744	129	21 855
100 to 399	739	21 416	724	18 105	184	3 311	20	536	111	2 700
400 to 1,599	74	13 098	71	12 058	10	1 040	4	455	11	505
1,600 to 3,199	45	35 793	45	34 438	6	1 355	5	2 100	3	2 250
3,200 to 9,999	24	57 501	22	51 071	3	6 430	2	(D)	3	(D)
10,000 to 19,999	29	160 426	29	141 726	14	18 700	6	14 600	1	(D)
20,000 to 49,999	14	187 480	14	169 680	5	17 800	1	(D)	—	—
50,000 to 99,999	12	363 900	12	301 300	6	62 600	1	(D)	—	—
100,000 or more	5	(D)	5	(D)	4	(D)	1	(D)	—	—
None	2	(D)	2	(D)	1	(D)	1	(D)	—	—
	(X)	(X)	(X)	(X)	(X)	(X)	3	14 120	25	34 432
Selected poultry sales, 1978—All farms										
Chickens 3 months old or older								Broilers and other meat-type chickens		
Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age				Value of poultry and poultry products		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
Forms with chickens 3 months old or older, inventory										
1 to 99	(NA)	1 002 980	231	962 363	7	40 617	33	63 723	454	16 323
100 to 399	(NA)	1 553	59	1 367	3	186	24	(D)	258	159
400 to 1,599	(NA)	5 965	43	5 614	2	(D)	2	(D)	65	168
1,600 to 3,199	(NA)	24 126	45	24 126	—	—	3	6 050	45	475
3,200 to 9,999	(NA)	76 425	22	36 425	1	(D)	4	55 827	24	755
10,000 to 19,999	(NA)	136 126	29	136 046	1	(D)	—	—	29	1 962
20,000 to 49,999	(NA)	103 185	14	103 185	—	—	—	—	14	2 492
50,000 to 99,999	(NA)	274 100	12	274 100	—	—	—	—	12	3 678
100,000 or more	(NA)	(D)	5	(D)	—	—	—	—	5	(D)
None	(NA)	(D)	2	(D)	—	—	—	—	2	(D)
	90 564	16	27 174	30	63 390	16	100 095	120	2 359	
Selected poultry sales, 1978—All farms—Con.										
Chickens 3 months old or older		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Broilers and other meat-type chickens		Pullet chicks and pullets under 3 months old		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Specified poultry sold										
1 to 1,999	276	1 093 544	247	989 537	37	104 007	49	163 818	11	4 555
2,000 to 3,999	203	54 822	177	53 895	34	1 007	42	8 191	10	(D)
4,000 to 7,999	24	64 233	24	64 153	—	—	1	(D)	1	(D)
8,000 to 15,999	17	91 314	17	91 314	—	—	2	(D)	—	—
16,000 to 29,999	15	179 775	15	179 775	—	—	1	(D)	—	—
30,000 to 59,999	6	147 400	5	119 400	1	(D)	—	—	—	—
60,000 to 99,999	9	(D)	7	(D)	2	(D)	3	134 000	—	—
100,000 or more	1	(D)	1	(D)	—	—	—	—	—	—
	1	(D)	1	(D)	—	—	—	—	—	—
Selected poultry sales, 1978—All farms—Con.										
Turkeys			Turkeys for slaughter			Turkey hens kept for breeding				
Farms		Number		Farms		Number		Farms		
Specified poultry sold										
1 to 1,999	70	137 722	70	136 037	6	1 685				
2,000 to 3,999	53	8 612	53	8 477	6	1 685				
4,000 to 7,999	4	12 000	4	12 000	—	—				
8,000 to 15,999	10	47 560	10	47 560						
16,000 to 29,999	1	(D)	1	(D)						
30,000 to 59,999	1	(D)	1	(D)						
60,000 to 99,999	1	(D)	1	(D)						
100,000 or more	—	—	—	—						

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

	Inventory				Sales					
	All forms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more			
	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Any livestock -----										
1978-----	3 597	(X)	2 121	(X)	2 928	(X)	95 164	1 946	(X)	93 443
1974-----	(NA)	(X)	1 642	(X)	2 183	(X)	68 330	1 550	(X)	67 109
Any cattle, hogs, or sheep -----										
1978-----	2 910	(X)	1 806	(X)	2 446	(X)	18 504	1 708	(X)	17 656
1974-----	2 197	(X)	1 531	(X)	1 968	(X)	(NA)	1 460	(X)	10 825
Cattle and calves -----										
1978-----	2 599	102 226	1 620	93 290	2 061	53 860	12 630	1 487	50 946	11 988
1974-----	1 994	103 938	1 409	96 204	1 745	48 032	(NA)	1 333	45 244	7 405
Farms with -----										
1 to 9-----	1 040	4 856	305	1 229	929	3 972	1 183	405	2 121	735
10 to 19-----	378	5 003	212	2 861	389	5 110	1 186	348	4 603	1 104
20 to 49-----	513	15 976	450	14 334	467	14 529	2 932	463	14 419	2 914
50 to 99-----	380	26 077	372	25 577	195	13 116	2 533	192	12 934	2 493
100 to 199-----	220	29 376	214	28 566	55	(D)	(D)	53	(D)	(D)
200 to 499-----	63	(D)	62	(D)	21	5 286	1 566	21	5 286	1 566
500 to 999-----	4	2 155	4	2 155	4	3 315	1 150	4	3 315	1 150
1,000 to 2,499-----	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
2,500 or more-----	1978-----	—	—	—	—	—	—	—	—	—
Cows and heifers that had calved -----										
1978-----	2 249	60 435	1 433	56 196	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	1 730	62 978	1 274	59 352	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows -----										
1978-----	1 305	10 264	619	7 247	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows -----										
1978-----	1 356	50 171	1 029	48 949	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves -----										
1978-----	1 239	55 328	1 058	54 191	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves -----										
1978-----	1 861	32 897	1 221	30 028	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	(NA)	(NA)	1 102	29 915	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle fattened on grain and concentrates sold -----										
1978-----	(X)	(X)	(X)	(X)	321	2 787	1 290	190	2 429	1 160
1974-----	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	123	1 797	584
Farms with fattened cattle sold: -----										
1 to 9-----	(X)	(X)	(X)	(X)	266	838	345	138	520	230
10 to 19-----	(X)	(X)	(X)	(X)	34	419	171	31	379	156
20 to 49-----	(X)	(X)	(X)	(X)	15	393	157	15	393	157
50 to 99-----	(X)	(X)	(X)	(X)	4	(D)	(D)	4	(D)	(D)
100 to 199-----	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
200 to 499-----	(X)	(X)	(X)	(X)	—	—	—	—	—	—
500 to 999-----	(X)	(X)	(X)	(X)	1	(D)	(D)	1	(D)	(D)
1,000 to 2,499-----	(X)	(X)	(X)	(X)	—	—	—	—	—	—
2,500 or more-----	(X)	(X)	(X)	(X)	—	—	—	—	—	—
Cows and heifers that had calved -----										
1978-----	2 249	60 435	1 433	56 196	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	1 730	62 978	1 274	59 352	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows -----										
1978-----	1 305	10 264	619	7 247	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with -----										
1 to 9-----	1 009	3 287	383	1 257	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19-----	157	2 019	109	1 408	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49-----	125	3 655	114	3 349	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99-----	10	(D)	9	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199-----	3	425	3	425	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499-----	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999-----	—	—	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more-----	1978-----	—	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows -----										
1978-----	1 356	50 171	1 029	48 949	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with -----										
1 or 2-----	410	537	152	203	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4-----	72	244	35	122	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9-----	41	270	24	167	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19-----	80	1 151	77	1 120	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49-----	375	12 556	368	12 358	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99-----	267	17 778	263	17 485	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 499-----	110	(D)	109	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 or more-----	1978-----	1	(D)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold -----										
1978-----	(X)	(X)	(X)	(X)	1 762	23 654	10 123	1 313	22 238	9 609
Farms with -----										
1 to 9-----	(X)	(X)	(X)	(X)	1 147	4 573	1 811	708	3 403	1 407
10 to 19-----	(X)	(X)	(X)	(X)	326	4 260	1 742	321	4 190	1 709
20 to 49-----	(X)	(X)	(X)	(X)	224	6 266	2 483	220	6 149	2 432
50 to 99-----	(X)	(X)	(X)	(X)	39	2 560	1 114	38	(D)	(D)
100 to 199-----	(X)	(X)	(X)	(X)	17	2 243	1 054	17	2 243	1 054
200 to 499-----	(X)	(X)	(X)	(X)	6	1 884	1 017	6	1 884	1 017
500 to 999-----	(X)	(X)	(X)	(X)	3	1 868	901	3	1 868	901
1,000 or more-----	(X)	(X)	(X)	(X)	—	—	—	—	—	—
Calves sold -----										
1978-----	(X)	(X)	(X)	(X)	1 501	30 206	2 507	1 146	28 708	2 379
Farms with -----										
1 or 2-----	(X)	(X)	(X)	(X)	286	429	51	116	173	22
3 or 4-----	(X)	(X)	(X)	(X)	180	623	70	73	262	35
5 to 9-----	(X)	(X)	(X)	(X)	232	1 487	175	178	1 162	146
10 to 19-----	(X)	(X)	(X)	(X)	327	4 351	372	310	4 121	358
20 to 49-----	(X)	(X)	(X)	(X)	349	10 332	643	344	10 170	629
50 to 99-----	(X)	(X)	(X)	(X)	93	6 003	349	92	(D)	(D)
100 to 499-----	(X)	(X)	(X)	(X)	32	(D)	(D)	31	(D)	(D)
500 or more-----	(X)	(X)	(X)	(X)	2	(D)	(D)	2	(D)	(D)

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

Inventory, 1978—All farms									
Cattle and calves		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
		Total cows		Milk cows					
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Farms with milk cow inventory									
1 to 4 milk cows	82 288	1 356	52 073	1 356	50 171	1 116	27 160	769	3 055
5 to 9 milk cows	4 787	482	2 108	482	781	324	1 877	273	802
10 to 19 milk cows	799	41	313	41	270	32	376	25	110
20 to 29 milk cows	2 252	80	1 205	80	1 151	73	835	39	212
30 to 49 milk cows	4 980	127	3 170	127	3 094	116	1 643	55	167
50 to 99 milk cows	14 761	248	9 577	248	9 462	234	4 792	131	392
100 to 199 milk cows	28 090	267	17 961	267	17 778	240	9 338	169	791
200 to 499 milk cows	88	88	11 339	88	11 240	78	5 735	57	277
500 milk cows or more	22	(D)	22	(D)	22	(D)	18	20	304
No milk cows	1	(D)	1	(D)	1	(D)	1	(D)	—
	1 243	19 938	893	8 362	(X)	(X)	745	5 737	775
									5 839
Sales, 1978—All farms									
Cattle and calves			Cattle		Calves		Dairy products		
Farms	Number	Sales (\$1,000)	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)
Farms with milk cow inventory									
1 to 4 milk cows	39 880	8 018	975	15 558	1 008	24 322	916	61 459	
5 to 9 milk cows	3 624	1 086	216	2 131	212	1 493	80	152	
10 to 19 milk cows	367	104	34	199	28	168	12	55	
20 to 29 milk cows	104	213	62	404	66	700	71	1 051	
30 to 49 milk cows	2 293	437	100	806	111	1 487	127	3 225	
50 to 99 milk cows	6 714	1 225	221	2 591	233	4 123	248	10 542	
100 to 199 milk cows	12 669	2 320	241	4 359	253	8 310	267	22 632	
200 to 499 milk cows	7 892	1 487	81	2 935	84	4 957	88	14 963	
500 milk cows or more	22	(D)	19	(D)	20	(D)	22	(D)	
No milk cows	1	(D)	1	(D)	1	(D)	1	(D)	
	896	13 980	4 613	787	8 096	493	5 884	17	325
Inventory, 1978—All farms									
Cattle and calves		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Sales of cattle and calves, 1978	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Sales (\$1,000)
Farms with cattle and calves inventory									
1 to 9 cattle and calves	102 226	2 249	60 435	1 861	32 897	1 544	8 894	2 015	52 676
10 to 19 cattle and calves	4 856	798	2 257	589	1 522	550	1 077	456	3 505
20 to 49 cattle and calves	5 003	328	2 344	278	1 603	254	1 056	378	3 449
50 to 99 cattle and calves	15 976	469	9 212	408	5 088	292	1 676	513	8 582
100 to 199 cattle and calves	26 077	375	16 424	320	7 712	242	1 941	380	12 345
200 to 499 cattle and calves	29 376	215	17 860	206	9 910	157	1 606	220	13 277
500 to 999 cattle and calves	17 683	59	10 283	55	(D)	45	(D)	63	9 659
1,000 to 2,499 cattle and calves	4	(D)	4	(D)	4	(D)	4	(D)	(D)
2,500 cattle and calves or more	1	(D)	1	(D)	1	(D)	—	1	(D)
No cattle and calves	—	—	—	—	—	—	—	—	—
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	46	1 184
									547
Farms with cows and heifers that had calved inventory									
1 to 4 cows	2 249	60 435	1 634	30 440	1 295	6 499	1 795	47 608	10 195
5 to 9 cows	97 374	795	1 786	567	2 712	423	1 030	428	3 002
10 to 19 cows	5 528	328	2 096	172	956	209	864	241	3 385
20 to 29 cows	3 916	231	3 104	156	1 615	137	893	231	2 575
30 to 49 cows	5 612	190	4 430	138	1 864	88	606	190	3 549
50 to 99 cows	18 389	311	11 911	251	5 125	178	1 353	311	8 439
100 to 199 cows	29 148	277	18 541	249	9 577	179	1 030	277	13 004
200 to 499 cows	18 413	93	11 967	82	6 027	61	419	93	8 287
500 to 999 cows	23	(D)	23	(D)	18	(D)	20	304	23
1,000 cows or more	1	(D)	1	(D)	1	(D)	—	1	(D)
No cows	—	—	—	—	—	—	—	—	—
	350	4 852	(X)	(X)	227	2 457	249	2 395	266
									6 252
									2 435
Farms with beef cow inventory									
1 to 4 beef cows	1 305	28 982	1 305	16 906	811	7 507	811	4 569	920
5 to 9 beef cows	11 393	747	5 986	534	4 281	452	1 126	417	5 716
10 to 19 beef cows	4 749	262	2 880	137	1 076	160	793	207	2 541
20 to 29 beef cows	157	4 788	157	2 809	91	1 084	108	895	157
30 to 49 beef cows	67	2 280	67	1 519	25	331	36	430	67
50 to 99 beef cows	58	3 537	58	2 294	14	269	44	974	58
100 to 199 beef cows	10	1 293	10	793	8	(D)	9	(D)	10
200 to 499 beef cows	3	(D)	3	(D)	2	(D)	2	(D)	3
500 to 999 beef cows	1	(D)	1	(D)	—	—	—	1	(D)
1,000 beef cows or more	—	—	—	—	—	—	—	—	—
No beef cows	1 294	73 244	944	43 529	1 050	25 390	733	4 325	1 141
									39 542
									9 141

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

Sales, 1978—All farms											
Cattle and calves			Cattle						Calves		
						Fattened on grain and concentrates					
Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Forms with sales of cattle and calves			2 061	53 860	12 630	1 762	23 654	10 123	321	2 787	1 290
1 to 4 cattle and calves	541	1 361	399	411	850	337	123	249	104	260	511
5 to 9 cattle and calves	388	2 611	784	344	1 603	651	89	368	158	252	1 008
10 to 19 cattle and calves	389	5 110	1 186	328	2 393	949	59	426	168	304	2 717
20 to 49 cattle and calves	467	14 529	2 932	426	5 775	2 276	28	346	155	429	8 754
50 to 99 cattle and calves	195	13 116	2 533	181	5 008	2 057	15	348	145	187	8 108
100 to 199 cattle and calves	55	7 416	1 847	51	3 396	1 551	2	(D)	(D)	47	4 020
200 to 499 cattle and calves	21	5 286	1 566	17	2 361	1 221	4	239	118	18	2 925
500 cattle and calves or more	5	4 431	1 385	4	2 268	1 081	1	(D)	(D)	4	2 163
500 to 999 cattle and calves	4	(D)	(D)	3	(D)	(D)	1	(D)	(D)	3	(D)
1,000 cattle and calves or more	1	(D)	(D)	1	(D)	(D)	—	—	—	1	(D)
Forms with beef cow inventory			920	14 318	3 490	795	7 092	2 750	196	1 067	443
1 to 4 beef cows	417	5 716	1 198	378	2 649	1 012	89	276	106	276	3 067
5 to 9 beef cows	207	2 541	580	159	900	383	43	222	95	147	1 641
10 to 19 beef cows	157	2 051	596	139	1 264	473	40	304	116	88	787
20 to 29 beef cows	67	1 507	516	61	843	424	11	136	75	50	664
30 to 49 beef cows	58	1 634	314	45	818	196	10	98	39	52	816
50 to 99 beef cows	10	434	84	9	186	62	3	31	12	8	(D)
100 to 199 beef cows	3	(D)	(D)	3	(D)	(D)	—	—	—	1	(D)
200 to 499 beef cows	1	(D)	(D)	1	(D)	(D)	—	—	—	—	—
500 to 999 beef cows	—	—	—	—	—	—	—	—	—	—	—
1,000 beef cows or more	—	—	—	—	—	—	—	—	—	—	—
No beef cows	—	—	—	—	—	—	—	—	—	—	—
	1 141	39 542	9 141	967	16 562	7 373	125	1 720	847	879	22 980
											1 768

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

Inventory				Sales							
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more					
Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)		
Total hogs and pigs	1978	909	59 626	487	55 488	551	66 722	5 632	381	64 272	5 515
	1974	465	43 229	313	41 968	309	52 681	(NA)	240	51 642	3 346
Farms with—											
1 to 24	1978	683	3 141	288	1 575	278	2 379	191	142	1 490	131
	1974	318	1 507	177	946	143	1 110	(NA)	84	702	44
25 to 49	1978	56	1 899	43	1 430	80	2 886	184	59	2 120	157
	1974	21	689	16	527	24	836	(NA)	18	645	31
50 to 99	1978	53	3 734	48	3 431	51	3 477	264	39	2 842	247
	1974	31	1 893	27	1 693	41	2 639	(NA)	38	2 449	155
100 to 199	1978	39	5 084	39	5 084	65	8 583	613	64	(D)	(D)
	1974	36	4 451	34	(D)	38	5 003	(NA)	38	5 003	308
200 to 499	1978	49	13 653	40	11 853	45	13 822	1 024	45	13 822	1 024
	1974	35	10 355	35	10 355	36	10 740	(NA)	35	(D)	665
500 or more	1978	29	32 115	29	32 115	32	35 575	3 356	32	35 575	3 356
	1974	24	24 334	24	24 334	27	32 353	(NA)	27	32 353	2 144
500 to 999	1978	20	(D)	20	(D)	22	14 045	1 070	22	14 045	1 070
1,000 to 1,999	1978	4	(D)	4	(D)	3	4 230	440	3	4 230	440
2,000 to 4,999	1978	5	13 800	5	13 800	7	17 300	1 846	7	17 300	1 846
5,000 or more	1978	—	—	—	—	—	—	—	—	—	—
Hogs and pigs used or to be used for breeding	1978	365	7 442	262	6 962	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	156	5 182	(X)	(X)	(X)	(X)	(X)	(X)
Other hogs and pigs	1978	860	52 184	463	48 526	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	301	36 786	(X)	(X)	(X)	(X)	(X)	(X)
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	219	14 385	464	147	13 229	433
	1974	(X)	(X)	(X)	(X)	86	11 531	(NA)	62	11 172	210
Litters of pigs farrowed between—											
Dec. 1 of preceding year and Nov. 30	1978	407	9 109	281	8 597	(X)	(X)	(X)	(X)	(X)	(X)
	1974	206	7 191	167	7 016	(X)	(X)	(X)	(X)	(X)	(X)
Dec. 1 of preceding year and May 31	1978	352	4 633	250	4 252	(X)	(X)	(X)	(X)	(X)	(X)
	1974	165	3 720	135	3 643	(X)	(X)	(X)	(X)	(X)	(X)
June 1 and Nov. 30	1978	303	4 476	247	4 345	(X)	(X)	(X)	(X)	(X)	(X)
	1974	163	3 471	135	3 373	(X)	(X)	(X)	(X)	(X)	(X)

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

Inventory, 1978—All farms								Sales, 1978—All farms			
Hogs and pigs		Used or to be used for breeding		Other hogs and pigs		Hogs and pigs		Feeder pigs sold			
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Farms with hogs and pigs inventory											
1 to 9 hogs and pigs	909	59 626	365	7 442	860	52 184	496	65 822	5 582	200	13 820
10 to 24 hogs and pigs	609	2 091	125	276	568	1 815	196	2 174	154	87	936
25 to 99 hogs and pigs	74	1 050	49	298	68	752	74	2 728	158	32	1 178
100 to 199 hogs and pigs	109	5 633	90	1 160	107	4 473	109	9 751	599	50	5 393
200 to 499 hogs and pigs	39	5 084	34	782	39	4 302	39	7 468	518	12	2 848
500 to 999 hogs and pigs	49	13 653	41	1 392	49	12 261	49	12 156	938	12	1 885
1,000 hogs and pigs or more	20	(D)	17	(D)	20	(D)	20	(D)	(D)	6	(D)
No hogs and pigs	9	(D)	9	(D)	9	(D)	9	(D)	(D)	1	(D)
(X)											
Farms with hogs and pigs sold	496	58 412	342	7 400	455	51 012	551	66 722	5 632	219	14 385
1 to 9 hogs and pigs	139	710	56	94	123	616	174	682	60	46	210
10 to 49 hogs and pigs	167	3 422	121	594	149	2 828	184	4 583	315	99	1 827
50 to 99 hogs and pigs	49	4 141	43	654	46	3 487	51	3 477	264	15	746
100 to 199 hogs and pigs	64	7 698	53	896	64	6 802	65	8 583	613	32	3 432
200 to 499 hogs and pigs	45	12 692	39	1 624	42	11 068	45	13 822	1 024	18	4 299
500 to 999 hogs and pigs	22	9 289	20	1 133	21	8 156	22	14 045	1 070	7	(D)
1,000 hogs and pigs or more	10	20 460	10	2 405	10	18 055	10	21 530	2 287	2	(D)
No hogs and pigs	413	1 214	23	42	405	1 172	(X)	(X)	(X)	(X)	(X)
Farms by litters farrowed	384	52 460	365	7 442	335	45 018	382	60 752	5 092	219	14 385
1 litter	67	421	63	133	46	288	61	748	61	40	208
2 to 4 litters	105	1 192	93	272	89	920	100	1 847	119	75	891
5 to 9 litters	52	2 095	50	434	45	1 661	60	2 952	219	27	1 033
10 to 19 litters	45	3 257	45	536	43	2 721	45	3 483	272	21	1 086
20 to 49 litters	63	10 309	62	1 442	62	8 867	64	10 655	644	35	4 437
50 to 99 litters	33	9 859	33	1 545	31	8 314	33	13 602	999	17	5 236
100 to 199 litters	10	5 867	10	775	10	5 092	10	7 305	633	2	(D)
200 litters or more	9	19 460	9	2 305	9	17 155	9	20 160	2 146	2	(D)
No litters	525	7 166	—	—	525	7 166	169	5 970	540	—	—
Litters of pigs farrowed between Dec. 1, 1977, and Nov. 30, 1978—All farms											
Total				Dec. 1, 1977, and May 31, 1978				June 1, 1978, and Nov. 30, 1978			
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Farms by litters farrowed	407	9 109	352	4 633	303	4 476					
1 litter	77	77	56	56	21	21					
2 to 4 litters	109	267	91	152	82	115					
5 to 9 litters	60	368	49	188	52	180					
10 to 19 litters	45	590	44	316	43	274					
20 to 49 litters	64	1 766	61	1 001	54	765					
50 to 99 litters	33	2 229	33	1 164	32	1 065					
100 to 199 litters	10	1 267	10	625	10	642					
200 litters or more	9	2 545	8	1 131	9	1 414					

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
Inventory of—								
Sheep and lambs	farms	419	farms	264	farms	159	farms	98
	number	7 153	number	5 896	number	3 585	number	2 696
Ewes 1 year old or older	farms	354	farms	(NA)	farms	128	farms	86
	number	4 870	number	(NA)	number	2 459	number	1 979
Sheep and lambs sold	farms	293	farms	164	farms	113	farms	63
	number	4 208	number	3 600	number	2 341	number	1 969
Sheep and lambs shorn	farms	314	farms	(NA)	farms	110	farms	54
	number	6 069	number	(NA)	number	3 157	number	2 191
Value of sales from sheep, lambs, and wool	pounds of wool	41 023	farms	(NA)	farms	21 073	farms	12 979
	\$1,000	340	number	(NA)	number	126	number	71
		242	number	(NA)	number	152	number	74
Inventory, 1978—All farms					Sales, 1978—All farms			
Sheep and lambs		Ewes 1 year old or older		Sheep and lambs		Sheep and lambs shorn		Sheep, lambs, and wool
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Pounds of wool
								Farms (\$1,000)
Farms with sheep and lambs inventory	419	7 153	354	4 870	285	4 114	310	40 827
1 to 24 sheep and lambs	340	2 364	278	1 473	207	1 431	234	13 195
25 to 99 sheep and lambs	71	3 071	69	2 078	70	1 579	69	2 634
100 to 299 sheep and lambs	6	(D)	5	(D)	6	(D)	5	18 074
300 to 999 sheep and lambs	2	(D)	2	(D)	2	(D)	2	(D)
1,000 to 2,499 sheep and lambs	—	—	—	—	—	—	—	—
2,500 to 4,999 sheep and lambs	—	—	—	—	—	—	—	—
5,000 sheep and lambs or more	—	—	—	—	—	—	—	—
No sheep and lambs	(X)	(X)	(X)	(X)	8	94	4	47
Farms with ewes 1 year old or older inventory	354	6 793	354	4 870	259	3 918	290	5 969
1 to 24 ewes	302	2 894	302	1 920	208	1 731	238	2 297
25 to 99 ewes	45	2 281	45	1 631	44	1 128	45	1 084
100 to 199 ewes	4	778	4	534	4	587	4	458
200 to 499 ewes	3	840	3	785	3	472	3	856
500 to 999 ewes	—	—	—	—	—	—	—	5 010
1,000 to 2,499 ewes	—	—	—	—	—	—	—	3
2,500 to 4,999 ewes	—	—	—	—	—	—	—	39
5,000 ewes or more	—	—	—	—	—	—	—	—
No ewes	65	360	(X)	(X)	34	290	24	100
								594

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

	Inventory				Sales			
	All farms, 1978	Farms with sales of \$2,500 or more		All farms, 1978	Farms with sales of \$2,500 or more		1978	1974
		1978	1974		1978	1974		
Horses and ponies	farms	1 387	641	370	397	238	238	99
	number	8 122	3 742	3 375	1 214	912	912	886
	\$1,000	(X)	(X)	(X)	1 639	1 481	799	799
Mules, burros, and donkeys	farms	78	56	17	13	6	6	3
	number	180	89	27	48	13	13	5
	\$1,000	(X)	(X)	(X)	11	3	3	(Z)
Mink and their pelts	farms	10	8	9	10	8	8	10
	number	(D)	(D)	8 541	15 607	(D)	(D)	14 257
	\$1,000	(X)	(X)	(X)	357	(D)	(D)	217
Colonies of bees	farms	246	116	36	13	6	6	—
	number	5 963	4 161	2 281	321	188	188	—
	\$1,000	(X)	(X)	(X)	2	1	1	—
Honey sold (pounds)	farms	(X)	(X)	(X)	145	73	73	20
	number	(X)	(X)	(X)	125	894	80 894	37 547
	\$1,000	(X)	(X)	(X)	105	68	68	39
Goats	farms	222	81	16	97	42	42	8
	number	1 778	834	267	1 121	555	555	104
	\$1,000	(X)	(X)	(X)	49	28	28	6
Angora goats	farms	2	1	—	2	1	1	—
	number	(D)	(D)	(D)	(D)	(D)	(D)	—
	\$1,000	(X)	(X)	(X)	(D)	(D)	(D)	—
Mohair sold (pounds)	farms	(X)	(X)	(X)	2	1	1	—
	number	(X)	(X)	(X)	(D)	(D)	(D)	—
	\$1,000	(X)	(X)	(X)	(D)	(D)	(D)	—
Milk goats	farms	115	42	6	55	28	28	4
	number	954	493	231	577	308	308	77
	\$1,000	(X)	(X)	(X)	31	19	19	5
Goats milk sold (gallons)	farms	(X)	(X)	(X)	34	14	14	3
	number	(X)	(X)	(X)	12 963	8 384	8 384	14 850
	\$1,000	(X)	(X)	(X)	36	24	24	16
Other goats	farms	109	40	11	40	13	13	4
	number	819	338	36	542	246	246	27
	\$1,000	(X)	(X)	(X)	17	9	9	1
Rabbits and their pelts	farms	101	28	14	40	13	13	11
	number	(D)	(D)	(D)	(D)	(D)	(D)	5 344
	\$1,000	(X)	(X)	(X)	(D)	(D)	(D)	18
Chinchillas and their pelts	farms	9	8	—	9	7	7	—
	number	1 527	(D)	—	1 472	(D)	(D)	—
	\$1,000	(X)	(X)	(X)	38	(D)	(D)	—
Worms (see text)	farms	—	—	(NA)	—	—	—	(NA)
	number	—	—	(NA)	—	—	—	(NA)
	\$1,000	(X)	(X)	(X)	—	—	—	(NA)
All other livestock	farms	18	13	41	6	4	4	10
	number	(X)	(X)	(X)	(D)	(D)	(D)	4 791
Other livestock products	farms	(X)	(X)	(X)	5	2	2	(NA)
	\$1,000	(X)	(X)	(X)	1	(D)	(D)	(NA)

Table 24. Fish Sales: 1978

	Total		Any				Only pounds			Only number			Acres under water for fish production	
	Farms	Sales (\$1,000)	Farms	Pounds	Farms	Number	Farms	Pounds	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Farms	Acres
ALL FARMS														
Catfish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trout	7	108	4	45 103	3	(D)	4	45 103	108	3	(D)	1	7	67
Tropical and bait fish	3	(D)	1	(D)	2	(D)	1	(D)	(D)	2	(D)	(D)	2	(D)
Other fish	1	(D)	—	—	1	(D)	—	—	—	1	(D)	(D)	1	(D)
Other aquacultural products	1	(D)	—	(X)	1	(X)	—	(X)	(NA)	1	(X)	(NA)	1	(D)
FARMS WITH SALES OF \$2,500 OR MORE														
Catfish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Trout	6	(D)	4	45 103	2	(D)	4	45 103	108	2	(D)	(D)	6	(D)
Tropical and bait fish	2	(D)	—	—	2	(D)	—	—	—	2	(D)	(D)	1	(D)
Other fish	1	(D)	—	—	1	(D)	—	—	—	1	(D)	(D)	1	(D)
Other aquacultural products	1	(D)	—	(X)	1	(X)	—	(X)	(NA)	1	(X)	(NA)	1	(D)

Table 25. Crops Harvested: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Irrigated land					Irrigated land					
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes-----	1 151	44 269	(X)	26	103	959	42 624	(X)	10	72	
1978	999	37 409	(X)	(NA)	(NA)	877	36 344	(X)	17	201	
1974	240	(D)	421 211	11	24	148	4 476	398 804	5	11	
For grain or seed (bushels)-----	1978	138	3 022	232 727	(NA)	(NA)	108	2 955	228 148	3	(D)
1974	965	39 336	644 550	16	79	860	38 148	625 919	5	61	
For silage or green chop (tons, green)-----	1978	(NA)	(NA)	(NA)	(NA)	790	33 273	526 679	13	184	
1974	2	(D)	(X)	(NA)	(NA)	12	116	(X)	1	(D)	
For fodder, hogged or grazed-----	1978	(NA)	(NA)	(X)	(NA)						
1974											
Sorghums for all purposes-----	1978	29	338	(X)	—	23	319	(X)	—	—	
1974	31	322	(X)	(NA)	(NA)	23	203	(X)	—	—	
For grain or seed (bushels)-----	1978	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974	—	—	(NA)	(NA)	—	—	—	—	—	—	
For silage or green chop (tons, green)-----	1978	28	(D)	(D)	—	22	314	2 776	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	203	1 491	—	—	
Cut for dry forage or hay (tons, dry)-----	1978	—	—	(NA)	(NA)	—	—	—	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Hogged or grazed-----	1978	—	—	(X)	(NA)	—	—	(X)	—	—	
1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Wheat for grain (bushels)-----	1978	2	(D)	(D)	—	1	(D)	(D)	—	—	
1974	7	41	1 420	(NA)	(NA)	6	(D)	(D)	—	—	
Oats for grain (bushels)-----	1978	23	334	17 715	(NA)	(NA)	18	308	16 617	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	232	11 406	—	—	
Barley for grain (bushels)-----	1978	—	—	(NA)	(NA)	5	17	840	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Rye for grain (bushels)-----	1978	18	303	5 605	—	14	258	4 625	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	208	5 211	—	—	
Other small grains for grain-----	1978	1	(D)	(X)	—	1	(D)	(X)	—	—	
1974	(NA)	(NA)	(X)	(NA)	(NA)	3	35	(X)	—	—	
Soybeans for beans (bushels)-----	1978	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974	—	—	(NA)	(NA)	—	—	—	—	—	—	
Peanuts for nuts (pounds)-----	1978	—	—	—	—	—	—	—	—	—	
1974	—	—	(NA)	(NA)	—	—	—	—	—	—	
Cotton (bales)-----	1978	—	—	—	—	—	—	—	—	—	
1974	—	—	(NA)	(NA)	—	—	—	—	—	—	
Tobacco (pounds)-----	1978	44	1 078	1 536 802	15	607	44	1 078	1 536 802	15	607
1974	51	1 568	2 604 070	(NA)	(NA)	48	1 563	2 596 855	21	1 125	
Irish potatoes (hundredweight)-----	1978	187	3 504	749 463	26	181	131	3 456	746 471	22	177
1974	226	4 266	837 696	(NA)	(NA)	163	4 180	827 336	39	256	
Sweetpotatoes (bushels)-----	1978	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974	—	—	(NA)	(NA)	—	—	—	—	—	—	
Hay crops (tons, dry) (see text)-----	1978	3 078	133 117	262 706	15	235	1 856	106 965	229 204	10	168
1974	2 191	110 327	225 714	(NA)	(NA)	1 464	94 114	201 372	13	213	
Alfalfa hay (tons, dry)-----	1978	1 080	27 375	68 609	7	151	787	23 517	62 024	6	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	607	20 115	51 491	5	122	
Other tame dry hay (tons, dry) (see text)-----	1978	2 210	80 548	151 628	7	76	1 361	62 656	129 721	3	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57 798	119 780	(NA)	18	
Field seed crops-----	1978	6	254	(X)	—	5	(D)	(X)	—	—	
1974	(NA)	(NA)	(X)	(NA)	(NA)	4	38	(X)	—	—	
Alfalfa seed (pounds)-----	1978	—	—	—	—	—	—	—	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Red clover seed (pounds)-----	1978	—	—	—	—	—	—	—	—	—	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
All vegetables harvested for sale (see text)-----	1978	1 092	15 214	(X)	330	4 507	894	14 699	(X)	294	4 447
1974	931	15 422	(X)	(NA)	(NA)	682	14 731	(X)	227	4 762	
Sweet corn-----	1978	670	7 241	(X)	166	1 830	544	6 979	(X)	150	1 806
1974	(NA)	(NA)	(X)	(NA)	(NA)	465	7 619	(X)	139	2 067	
Tomatoes-----	1978	480	542	(X)	190	233	400	511	(X)	170	218
1974	(NA)	(NA)	(X)	(NA)	(NA)	367	646	(X)	158	263	
Green peas excluding cowpeas-----	1978	89	82	(X)	27	26	71	76	(X)	25	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	107	134	(X)	46	91	
Land in orchards-----	1978	512	8 556	(X)	38	119	297	7 572	(X)	21	91
1974	366	9 366	(X)	(NA)	(NA)	249	8 913	(X)	16	255	
Apples (pounds)-----	1978	449	7 695	92 208 721	(NA)	(NA)	269	6 899	91 025 858	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	243	8 302	95 327 544	(NA)	(NA)	
Peaches (pounds)-----	1978	188	444	1 447 987	(NA)	(NA)	110	354	1 386 455	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	71	342	1 451 556	(NA)	(NA)	
Grapes (pounds) (see text)-----	1978	95	105	49 401	(NA)	(NA)	37	69	42 657	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	36	76 000	(NA)	(NA)	
Berries-----	1978	748	11 349	(X)	499	10 352	583	11 055	(X)	420	10 185
1974	656	10 754	(X)	(NA)	(NA)	487	10 422	(X)	362	9 707	
Strawberries (pounds)-----	1978	263	352	1 570 186	102	189	194	318	1 505 497	81	182
1974	(NA)	(NA)	(NA)	(NA)	(NA)	129	226	1 066 265	52	108	
Nursery and greenhouse products-----	1978	802	3 291	(X)	307	875	665	3 211	(X)	281	855
Other crops-----	1978	35	507	(X)	(NA)	(NA)	31	500	(X)	(NA)	(NA)

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

All Farms	Entire crop irrigated			Part of crop irrigated			None of crop irrigated		
	Forms	Acres	Average yield per acre	Forms	Acres irrigated	Acres not irrigated	Average yield per acre	Forms	Acres
Corn for grain or seed (bushels) -----	11	24	64.2	—	—	—	—	229	4 887
Corn for silage or green chop (tons, green) -----	11	18	16.0	5	61	117	19.7	949	39 140
Sorghums for grain or seed (bushels) -----	—	—	—	—	—	—	—	1	(D)
Wheat for grain (bushels) -----	—	—	—	—	—	—	—	2	(D)
Oats for grain (bushels) -----	—	—	—	—	—	—	—	23	334
Barley for grain (bushels) -----	—	—	—	—	—	—	—	—	—
Rice (100-lb bags) -----	—	—	—	—	—	—	—	—	—
Soybeans for beans (bushels) -----	—	—	—	—	—	—	—	1	(D)
Peanuts for nuts (pounds) -----	—	—	—	—	—	—	—	—	(D)
Dry field and seed beans (100-lb bags) -----	—	—	—	—	—	—	—	—	—
Cotton (bales) -----	—	—	—	—	—	—	—	—	—
Tobacco (pounds) -----	8	238	1260.7	7	369	182	1280.7	29	289
Irish potatoes (hundredweight) -----	22	61	182.4	4	121	101	226.4	161	3 222
Sugar beets for sugar (tons) -----	—	—	—	—	—	—	—	—	—
Sugarcane for sugar (tons) -----	—	—	—	—	—	—	—	—	—
Alfalfa hay (tons, dry) -----	6	144	4.1	1	(D)	(D)	(D)	1 073	27 203
Small grain hay (tons, dry) -----	—	—	—	—	—	—	—	73	988
Other tame dry hay (see text) (tons, dry) -----	4	54	0.6	3	22	48	0.5	2 203	80 424
Wild hay (tons, dry) -----	1	(D)	(D)	—	—	—	—	527	12 206
Grass silage and haylage (tons, green) -----	1	(D)	(D)	—	—	—	—	204	9 505
Hay crops cut and fed green (tons, green) -----	—	—	—	—	—	—	—	154	2 487
Alfalfa seed (pounds) -----	—	—	—	—	—	—	—	—	—
All vegetables harvested for sale (see text) -----	199	2 887	(X)	131	1 621	2 821	(X)	762	7 886
Land in orchards -----	31	79	(X)	7	40	87	(X)	474	8 350
Strawberries (pounds) -----	101	184	5698.4	1	(D)	(D)	(D)	161	158
									3097.3

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

All Farms	1978				1974				Value of production (\$1,000)	
	Forms	Acres	Quantity	Value of production (\$1,000)	Forms	Acres	Quantity			
Harvested cropland -----	5 107	213 669	(X)	132 368	4 032	188 015	(X)	87 713	698	
Corn for grain or seed (bushels) -----	240	4 911	421 211	969	138	3 022	232 727	—	5	
Corn for silage or green chop or fodder or hogged or grazed -----	967	39 358	(X)	12 894	895	34 387	(X)	8 085	—	
Sorghums for grain or seed (bushels) -----	1	(D)	(D)	(Z)	—	—	—	—	—	
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed -----	28	333	(X)	45	31	322	(X)	—	28	
Wheat for grain (bushels) -----	2	(D)	(D)	2	7	41	1 420	—	31	
Other small grains for grain -----	(NA)	(D)	(X)	29	(NA)	(NA)	(X)	—	—	
Soybeans for beans (bushels) -----	1	(D)	(D)	3	—	—	—	—	—	
Peanuts for nuts (pounds) -----	—	—	—	—	—	—	—	—	—	
Cotton (bales) -----	—	—	—	—	—	—	—	—	—	
Tobacco (pounds) -----	44	1 078	1 536 802	9 374	51	1 568	2 604 070	—	2 161	
Irish potatoes (hundredweight) -----	187	3 504	749 463	4 422	226	4 266	837 696	—	2 932	
Sweetpotatoes (bushels) -----	1	(D)	(D)	(1)	—	—	—	—	—	
Hay crops (tons, dry) (see text) -----	3 078	133 117	262 706	17 750	2 191	110 327	225 714	—	13 459	
All vegetables harvested for sale (see text) -----	1 092	15 214	(X)	13 712	931	15 422	(X)	—	9 220	
Land in orchards -----	512	8 556	(X)	11 705	366	9 366	(X)	—	12 275	
Berries -----	748	11 349	(X)	20 200	656	10 754	(X)	—	11 846	
Other crops (including nursery and greenhouse products) -----	(NA)	4 052	(X)	41 262	(NA)	(NA)	(X)	—	26 972	

Table 28. Crops by Acres Harvested: 1978

All farms						Farms with sales of \$2,500 or more					
			Irrigated land						Irrigated land		
Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes:											
Acres harvested											
1 to 14 acres	1 151	44 269	(X)	26	103	959	42 624	(X)	10	72	
15 to 24 acres	487	3 067	(X)	22	43	316	2 337	(X)	6	12	
25 to 49 acres	145	2 685	(X)	1	(D)	136	2 531	(X)	1	(D)	
50 to 99 acres	248	8 335	(X)	2	(D)	241	8 108	(X)	2	(D)	
100 to 249 acres	169	11 207	(X)	1	(D)	167	(D)	(X)	1	(D)	
250 to 499 acres	85	11 767	(X)	—	—	82	11 333	(X)	—	—	
500 to 999 acres	15	(D)	(X)	—	—	15	(D)	(X)	—	—	
1,000 acres or more	1	(D)	(X)	—	—	1	(D)	(X)	—	—	
Tobacco (pounds):											
Acres harvested	44	1 078	1 536 802	15	607	44	1 078	1 536 802	15	607	
0.1 to 0.9 acres	2	(D)	(D)	1	(D)	2	(D)	(D)	1	(D)	
1.0 to 1.9 acres	3	(D)	(D)	1	(D)	3	(D)	(D)	1	(D)	
2.0 to 2.9 acres	4	9	17 229	—	—	4	9	17 229	—	—	
3.0 to 4.9 acres	5	20	42 199	2	(D)	5	20	42 199	2	(D)	
5.0 to 9.9 acres	9	58	109 232	—	—	9	58	109 232	—	—	
10.0 to 24.9 acres	11	164	292 453	3	51	11	164	292 453	3	51	
25.0 to 49.9 acres	3	114	163 675	2	(D)	3	114	163 675	2	(D)	
50.0 acres or more	7	709	904 949	6	481	7	709	904 949	6	481	
Irish potatoes (hundredweight):											
Acres harvested	187	3 504	749 463	26	181	131	3 456	746 471	22	177	
0.1 to 0.9 acres	52	17	2 869	7	4	28	11	1 828	5	(D)	
1.0 to 2.9 acres	58	76	6 796	7	11	27	42	5 045	5	(D)	
3.0 to 9.9 acres	34	157	28 513	8	35	33	(D)	(D)	8	35	
10.0 to 24.9 acres	18	253	49 035	1	(D)	18	253	49 035	1	(D)	
25.0 to 49.9 acres	8	257	52 120	1	(D)	8	257	52 120	1	(D)	
50.0 to 99.9 acres	10	694	131 930	1	(D)	10	694	131 930	1	(D)	
100.0 to 249.9 acres	5	(D)	(D)	1	(D)	5	851	216 200	1	(D)	
250.0 to 499.9 acres	—	—	—	—	—	—	—	—	—	—	
500.0 acres or more	2	(D)	(D)	—	—	2	(D)	(D)	—	—	
Hay crops (tons, dry) (see text):											
Acres harvested	3 078	133 117	262 706	15	235	1 856	106 965	229 204	10	168	
1 to 14 acres	893	6 743	11 197	6	16	312	2 287	4 313	3	9	
15 to 24 acres	443	8 269	15 036	3	32	230	4 330	9 423	3	32	
25 to 49 acres	881	29 987	54 258	3	80	532	18 546	41 396	1	(D)	
50 to 99 acres	535	34 933	71 814	3	107	470	30 814	67 799	3	(D)	
100 to 249 acres	284	38 386	79 266	—	—	271	36 509	75 772	—	—	
250 to 499 acres	38	12 459	25 475	—	—	37	(D)	(D)	—	—	
500 to 999 acres	4	2 340	5 660	—	—	4	(D)	(D)	—	—	
1,000 acres or more	—	—	—	—	—	—	—	—	—	—	
Alfalfa hay (tons, dry):											
Acres harvested	1 080	27 375	68 609	7	151	787	23 517	62 024	6	(D)	
1 to 14 acres	481	3 196	8 190	2	(D)	287	2 120	6 102	1	(D)	
15 to 24 acres	229	4 125	10 590	2	(D)	163	3 020	9 033	2	(D)	
25 to 49 acres	216	7 231	18 162	1	(D)	193	6 567	17 278	1	(D)	
50 to 99 acres	117	7 297	19 369	2	(D)	111	6 942	18 612	2	(D)	
100 to 249 acres	32	3 831	8 704	—	—	29	(D)	(D)	—	—	
250 to 499 acres	5	1 695	3 594	—	—	4	(D)	(D)	—	—	
500 to 999 acres	—	—	—	—	—	—	—	—	—	—	
1,000 acres or more	—	—	—	—	—	—	—	—	—	—	
Other tame dry hay (tons, dry) (see text):											
Acres harvested	2 210	80 548	151 628	7	76	1 361	62 656	129 721	3	(D)	
1 to 14 acres	661	4 835	8 366	4	15	275	2 162	4 134	2	(D)	
15 to 24 acres	345	6 408	11 816	1	(D)	207	3 899	8 096	1	(D)	
25 to 49 acres	679	23 037	39 077	2	(D)	406	13 999	29 099	—	—	
50 to 99 acres	368	23 844	46 360	—	—	321	20 740	43 407	—	—	
100 to 249 acres	148	19 292	39 503	—	—	143	18 724	38 479	—	—	
250 to 499 acres	8	(D)	(D)	—	—	8	(D)	(D)	—	—	
500 to 999 acres	1	(D)	(D)	—	—	1	(D)	(D)	—	—	
1,000 acres or more	—	—	—	—	—	—	—	—	—	—	
All vegetables harvested for sale (see text):											
Acres harvested	1 092	15 214	(X)	330	4 507	894	14 699	(X)	294	4 447	
0.1 to 0.9 acres	71	33	(X)	16	6	33	14	(X)	9	3	
1.0 to 4.9 acres	402	958	(X)	82	151	272	698	(X)	59	126	
5.0 to 14.9 acres	349	2 764	(X)	107	623	321	2 575	(X)	101	590	
15.0 to 24.9 acres	104	1 944	(X)	37	440	103	(D)	(X)	37	440	
25.0 to 49.9 acres	93	3 057	(X)	42	1 016	92	(D)	(X)	42	1 016	
50.0 to 99.9 acres	52	3 451	(X)	31	1 228	52	3 451	(X)	31	1 228	
100.0 to 249.9 acres	21	3 008	(X)	15	1 044	21	3 008	(X)	15	1 044	
250.0 to 499.9 acres	—	—	(X)	—	—	—	—	(X)	—	—	
500.0 acres or more	—	—	(X)	—	—	—	—	(X)	—	—	
Land in orchards:											
Acres in orchards	512	8 556	(X)	38	119	297	7 572	(X)	21	91	
0.1 to 0.9 acres	47	20	(X)	8	3	19	8	(X)	6	(D)	
1.0 to 4.9 acres	220	469	(X)	19	38	92	209	(X)	6	15	
5.0 to 14.9 acres	107	870	(X)	8	45	65	563	(X)	6	(D)	
15.0 to 24.9 acres	44	767	(X)	—	—	31	550	(X)	—	—	
25.0 to 49.9 acres	42	(D)	(X)	3	33	40	(D)	(X)	3	33	
50.0 to 99.9 acres	34	2 258	(X)	—	—	32	(D)	(X)	—	—	
100.0 to 249.9 acres	16	2 206	(X)	—	—	16	2 206	(X)	—	—	
250.0 to 499.9 acres	2	(D)	(X)	—	—	2	(D)	(X)	—	—	
500.0 acres or more	—	—	(X)	—	—	—	—	(X)	—	—	

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

All farms, 1978									
Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested		
Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds	
Apples:									
Acres									
0.1 to 0.9 acres	449	7 695	448 151	263	95 105	397	353 046	321	92 208 721
1.0 to 4.9 acres	84	29	1 536	50	630	64	906	41	40 231
5.0 to 14.9 acres	140	327	15 151	70	5 492	123	9 659	81	1 314 949
15.0 to 24.9 acres	97	786	44 127	55	18 624	85	25 503	76	4 448 063
25.0 to 49.9 acres	46	816	31 585	27	7 000	44	24 585	44	4 951 644
50.0 to 99.9 acres	36	1 260	71 791	24	18 161	35	53 630	33	16 467 670
100.0 acres or more	29	1 931	131 379	24	13 854	29	117 525	29	27 287 973
	17	2 547	152 582	13	31 344	17	121 238	17	37 698 191

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Table 29. Summary by Tenure of Operator: 1978

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants	
F FARMS AND LAND IN FARMS									
Farms -----	number-----	5 871	3 834	1 678	359	3 859	2 288	1 302	269
Land in farms -----	percent-----	100.0	65.3	28.5	6.1	65.7	38.9	22.1	4.5
Average size of farm -----	acres-----	667 037	322 368	317 666	27 003	535 675	222 063	291 049	22 563
Value of land and buildings ¹ -----	farms-----	5 871	3 838	1 659	374	3 867	2 219	1 343	305
Average per farm -----	dollars-----	967 514	478 886	433 513	55 115	757 565	311 824	395 740	50 001
Average per acre -----	dollars-----	164 795	124 774	261 309	147 367	195 905	140 524	294 668	163 939
Farms by value of land and buildings:									
\$1 to \$19,999 -----		417	332	40	45	240	202	13	25
\$20,000 to \$39,999 -----		640	522	70	48	349	267	44	38
\$40,000 to \$69,999 -----		1 117	910	162	45	616	462	111	43
\$70,000 to \$99,999 -----		947	634	232	81	535	342	136	57
\$100,000 to \$149,999 -----		865	580	236	49	603	358	199	46
\$150,000 to \$199,999 -----		502	267	212	23	366	163	184	19
\$200,000 to \$499,999 -----		1 037	443	528	66	856	318	478	60
\$500,000 to \$999,999 -----		242	112	125	5	205	76	124	5
\$1,000,000 or more -----		104	38	54	12	97	31	54	12
Owned and rented land by operator:									
Land owned -----	farms-----	5 513	3 834	1 678	1	3 591	2 288	1 302	1
Land rented or leased from others -----	farms-----	527 274	330 033	(D)	(D)	409 567	226 232	(D)	(D)
Land rented or leased to others -----	farms-----	2 042	5	1 678	359	1 575	4	1 302	269
Land rented or leased to others -----	acres-----	150 747	91	123 534	27 122	133 194	79	110 449	22 666
LAND IN FARMS ACCORDING TO USE									
Total cropland -----	farms-----	5 506	3 547	1 633	326	3 637	2 119	1 270	248
Harvested cropland -----	farms-----	307 310	112 913	177 439	16 958	256 264	78 671	163 470	14 123
Farms by acres harvested:									
1 to 49 acres -----		3 863	2 882	741	240	2 254	1 652	435	167
50 to 99 acres -----		654	226	383	45	589	207	339	43
100 to 199 acres -----		414	74	318	22	411	72	317	22
200 to 499 acres -----		137	14	120	3	136	14	119	3
500 to 999 acres -----		16	1	13	2	16	1	13	2
1,000 to 1,999 acres -----		2	—	2	—	2	—	2	—
2,000 acres or more -----		1	1	—	—	1	1	—	—
Cropland:									
Pasture or grazing only -----	farms-----	2 497	1 420	948	129	1 428	659	682	87
Pasture or grazing only -----	acres-----	76 915	30 572	42 428	3 915	58 108	17 725	37 522	2 861
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	farms-----	334	223	90	21	229	131	79	19
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	acres-----	3 988	2 184	1 608	196	3 371	1 640	1 538	193
On which all crops failed -----	farms-----	129	60	61	8	96	31	57	8
In cultivated summer fallow -----	farms-----	828	357	402	69	637	212	356	69
Idle -----	farms-----	105	54	41	10	86	40	37	9
Idle -----	acres-----	1 288	368	826	94	1 221	312	817	92
Total woodland -----	farms-----	3 565	2 303	1 159	103	2 306	1 292	931	83
Woodland pastured -----	farms-----	267 291	154 430	105 538	7 323	204 687	101 659	96 827	6 201
Woodland pastured -----	acres-----	989	537	417	35	655	275	350	30
Woodland not pastured -----	farms-----	37 446	18 734	17 488	1 224	28 997	11 462	16 401	1 134
Woodland not pastured -----	acres-----	3 125	2 066	967	92	2 016	1 167	777	72
Pastureland and rangeland other than cropland and woodland pastured -----	farms-----	229 845	135 696	88 050	6 099	175 690	90 197	80 426	5 067
Pastureland and rangeland other than cropland and woodland pastured -----	acres-----	702	385	279	38	497	231	237	29
Land in house lots, ponds, roads, wasteland, etc. -----	farms-----	30 984	15 223	14 762	999	23 916	10 214	12 807	895
Land in house lots, ponds, roads, wasteland, etc. -----	acres-----	4 003	2 679	1 146	178	2 608	1 614	876	118
Pastureland, all types -----	farms-----	3 194	1 842	1 193	159	1 907	919	879	109
Irrigated land -----	farms-----	145 345	64 529	74 678	6 138	111 021	39 401	66 730	4 890
Harvested cropland irrigated -----	farms-----	1 021	776	177	68	889	654	168	67
Harvested cropland irrigated -----	acres-----	16 893	9 965	6 216	712	16 510	9 654	6 148	708
Pastureland irrigated -----	farms-----	1 014	770	176	68	886	652	167	67
Other land irrigated -----	farms-----	16 725	9 812	6 201	712	16 414	9 573	6 133	708
Pastureland irrigated -----	acres-----	10	9	1	—	5	4	1	—
Other land irrigated -----	acres-----	100	(D)	(D)	—	45	(D)	(D)	—
Land set aside in the federal farm programs in 1978 -----	farms-----	18	14	4	—	11	7	4	—
Land set aside in the federal farm programs in 1978 -----	acres-----	68	(D)	(D)	—	51	(D)	(D)	—
RACE AND TENURE OF OPERATOR									
All operators -----	number-----	5 871	3 834	1 678	359	3 859	2 288	1 302	269
Full owners -----	number-----	3 834	3 834	—	—	2 288	2 288	—	—
Part owners -----	number-----	1 678	—	1 678	—	1 302	—	1 302	—
Tenants -----	number-----	359	—	—	359	269	—	—	269
White -----	number-----	5 839	3 809	1 672	358	3 837	2 269	1 300	268
Full owners -----	number-----	3 809	3 809	—	—	2 269	2 269	—	—
Part owners -----	number-----	1 672	—	1 672	—	1 300	—	1 300	—
Tenants -----	number-----	358	—	—	358	268	—	—	268
Black and other races -----	number-----	32	25	6	1	22	19	2	1
Full owners -----	number-----	25	25	—	—	19	19	—	—
Part owners -----	number-----	6	—	6	—	2	—	2	—
Tenants -----	number-----	1	—	—	1	1	—	—	1

See footnote at end of table.

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

(Excludes abnormal farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	F FARMS BY TYPE OF ORGANIZATION							
Individual or family								
farms	5 017	3 351	1 382	284	3 094	1 869	1 024	201
acres	489 437	242 893	225 892	20 652	365 807	148 941	200 311	16 555
Partnership								
farms	447	243	176	28	382	195	163	24
acres	73 987	28 265	43 490	2 232	69 963	24 788	42 957	2 218
Corporations:								
Family held	325	190	98	37	315	185	95	35
farms	65 483	30 283	31 761	3 439	64 856	30 043	31 520	3 293
acres	6	4	2		6	4	2	
More than 10 stockholders	319	186	96	37	309	181	93	35
farms	40	22	10	8	38	20	10	8
acres	20 949	8 093	(D)	(D)	20 943	8 087	(D)	(D)
10 or less stockholders	16	7	7	2	16	7	7	2
farms	24	15	3	6	22	13	3	6
acres	42	28	12	2	30	19	10	1
Other — cooperative, estate or trust, etc.	17 181	12 834	(D)	(D)	14 106	10 204	(D)	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 769	3 062	1 502	205	3 009	1 720	1 150	139
Not on farm operated	734	476	120	138	571	352	102	117
Operators by age group:								
Under 25 years	90	32	23	35	59	14	20	25
25 to 34 years	589	267	208	114	418	178	147	93
35 to 44 years	1 187	730	366	91	653	323	271	59
45 to 54 years	1 343	856	423	64	866	505	306	55
55 to 64 years	1 531	1 068	431	32	1 141	741	377	23
65 years and over	1 131	881	227	23	722	527	181	14
Average age	51.9	53.9	49.9	39.8	52.3	54.7	50.6	39.3
Operators by sex:								
Male	5 418	3 464	1 612	342	3 589	2 073	1 257	259
Female	453	370	66	17	270	215	45	10
Operators of Spanish origin	41	38	2	1	7	5	1	1
Operators by principal occupation:								
Farming	3 046	1 749	1 084	213	2 562	1 365	1 003	194
Other	2 825	2 085	594	146	1 297	923	299	75
Operators reporting days of work off farm:								
None	2 373	1 476	760	137	1 914	1 062	722	130
1 to 99 days	438	280	134	24	341	202	119	20
100 to 199 days	537	333	162	42	341	213	106	22
200 days or more	2 294	1 587	563	144	1 072	686	301	85
F FARMS BY SIZE								
1 to 9 acres	987	814	76	97	590	461	62	67
10 to 49 acres	1 797	1 341	356	100	1 023	767	175	81
50 to 69 acres	515	349	133	33	290	181	81	28
70 to 99 acres	498	305	141	52	308	174	109	25
100 to 139 acres	575	367	182	26	412	243	149	20
140 to 179 acres	420	235	177	8	302	156	138	8
180 to 219 acres	288	146	125	17	225	103	107	15
220 to 259 acres	153	64	80	9	128	40	79	9
260 to 499 acres	477	156	309	12	428	114	303	11
500 to 999 acres	133	45	84	4	127	39	84	4
1,000 to 1,999 acres	23	9	13	1	21	7	13	1
2,000 acres or more	5	3	2	—	5	3	2	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	39	10	29	—	5	2	3	—
Field crop, except cash grain farms (013)	842	578	191	73	463	282	142	39
Cotton farms (0131)	—	—	—	—	—	—	—	—
Tobacco farms (0132)	31	17	11	3	31	17	11	3
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	—	—	—	—	—	—	—	—
Vegetable and melon farms (016)	811	561	180	70	432	265	131	36
Fruit and tree nut farms (017)	651	415	176	60	524	305	169	50
Horticultural specialty farms (018)	737	618	97	22	539	436	84	19
General farms, primarily crop (019)	644	530	57	57	521	424	51	46
Livestock farms, except dairy, poultry, and animal specialty (021)	1 227	790	386	51	583	344	210	29
Beef cattle farms, except feedlots (0212)	619	375	216	28	282	145	121	16
Dairy farms (024)	814	197	552	65	804	192	548	64
Poultry and egg farms (025)	207	174	25	8	157	127	22	8
Animal specialty farms (027)	340	270	56	14	187	150	27	10
General farms, primarily livestock (029)	100	73	24	3	27	8	18	1
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	farms	\$1,000						
Farms by value of agricultural products sold:								
\$500,000 or more	49	23	21	5	49	23	21	5
\$200,000 to \$499,999	145	61	76	8	145	61	76	8
\$100,000 to \$199,999	293	101	174	18	293	101	174	18
\$40,000 to \$99,999	688	306	321	61	688	306	321	61
\$20,000 to \$39,999	565	292	229	44	565	292	229	44
\$10,000 to \$19,999	556	379	136	41	556	379	136	41
\$5,000 to \$9,999	714	518	151	45	714	518	151	45
\$2,500 to \$4,999	849	608	194	47	849	608	194	47
Less than \$2,500	2 012	1 546	376	90	(X)	(X)	(X)	(X)

See footnote at end of table.

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

(Excludes abnormal farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain	99	27	66	6	64	19	39	6
\$1,000	365	54	299	12	334	47	275	12
Sales of \$40,000 or more	2	—	2	—	2	—	2	—
\$1,000	(D)	(D)	(D)	—	(D)	—	(D)	—
Commodity Credit Corporation loans	1	—	1	—	1	—	1	—
\$1,000	(D)	(D)	(D)	—	(D)	—	(D)	—
Cotton and cottonseed	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Tobacco	44	21	19	4	44	21	19	4
\$1,000	6 985	1 930	4 307	748	6 985	1 930	4 307	748
Sales of \$40,000 or more	17	7	9	1	17	7	9	1
\$1,000	6 589	1 774	(D)	(D)	6 589	1 774	(D)	(D)
Field seeds, hay, forage, and silage	1 269	765	414	90	821	432	334	55
\$1,000	4 663	2 117	2 156	390	4 216	1 785	2 079	352
Sales of \$40,000 or more	8	—	7	1	8	—	7	1
\$1,000	411	—	(D)	(D)	411	—	(D)	(D)
Vegetables, sweet corn, and melons	1 086	648	354	84	894	482	339	73
\$1,000	13 659	4 657	7 802	1 200	13 488	4 513	7 790	1 185
Sales of \$40,000 or more	77	20	50	7	77	20	50	7
\$1,000	6 851	1 342	5 010	498	6 851	1 342	5 010	498
Fruits, nuts, and berries	940	736	170	34	751	565	155	31
\$1,000	30 331	18 224	11 742	365	30 167	18 074	11 734	359
Sales of \$40,000 or more	165	115	47	3	165	115	47	3
\$1,000	24 780	13 926	10 708	145	24 780	13 926	10 708	145
Nursery and greenhouse products	797	602	125	70	665	487	119	59
\$1,000	41 086	26 900	8 474	5 712	40 895	26 732	8 465	5 699
Sales of \$40,000 or more	188	140	29	19	188	140	29	19
Other crops	35 904	23 076	7 622	5 205	35 904	23 076	7 622	5 205
\$1,000	181	76	65	40	142	64	63	15
Sales of \$40,000 or more	3 394	844	1 819	731	3 384	838	1 817	729
\$1,000	16	4	11	1	16	4	11	1
\$1,000	2 639	(D)	1 504	(D)	2 639	(D)	1 504	(D)
Poultry and poultry products	566	400	138	28	323	204	98	21
\$1,000	18 584	16 213	1 749	621	18 508	16 145	1 744	620
Sales of \$40,000 or more	77	63	8	6	77	63	8	6
\$1,000	17 144	15 182	1 424	539	17 144	15 182	1 424	539
Dairy products	920	254	596	70	872	218	587	67
\$1,000	61 184	9 614	47 493	4 078	61 162	9 600	47 486	4 076
Sales of \$40,000 or more	510	67	402	41	510	67	402	41
Cattle and calves	53 599	6 714	43 390	3 495	53 599	6 714	43 390	3 495
\$1,000	2 047	897	1 035	115	1 487	521	867	99
Sales of \$40,000 or more	12 498	4 435	7 263	799	11 988	4 072	7 135	780
\$1,000	43	18	20	5	43	18	20	5
\$1,000	4 134	1 819	2 035	279	4 134	1 819	2 035	279
Hogs and pigs	545	312	206	27	381	213	147	21
\$1,000	5 611	3 002	1 820	788	5 515	2 943	1 788	784
Sales of \$40,000 or more	29	17	9	3	29	17	9	3
\$1,000	3 401	1 543	1 219	638	3 401	1 543	1 219	638
Sheep, lambs, and wool	334	217	102	15	126	74	44	8
\$1,000	237	156	75	5	152	88	62	3
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	706	514	169	23	388	254	117	17
\$1,000	14 876	2 312	473	12 090	14 625	2 111	431	12 082
Sales of \$40,000 or more	17	12	4	1	17	12	4	1
\$1,000	13 038	821	(D)	(D)	13 038	821	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	2 033	1 194	695	144	1 280	632	551	97
\$1,000	11 358	4 671	4 213	2 475	11 002	4 392	4 152	2 459
Farms with expenses of—								
\$1 to \$4,999	1 659	1 029	529	101	907	468	385	54
\$5,000 to \$19,999	269	110	122	37	268	109	122	37
\$20,000 to \$49,999	71	37	31	3	71	37	31	3
\$50,000 or more	34	18	13	3	34	18	13	3
Feed for livestock and poultry	3 303	1 882	1 222	199	2 071	981	947	143
\$1,000	40 209	15 461	19 752	4 996	39 163	14 790	19 402	4 971
Farms with expenses of—								
\$1 to \$4,999	2 239	1 520	590	129	1 043	630	340	73
\$5,000 to \$19,999	553	243	283	27	518	233	258	27
\$20,000 to \$49,999	353	66	256	31	352	65	256	31
\$50,000 or more	158	53	93	12	158	53	93	12
Commercially mixed formula feeds	2 173	1 088	937	148	1 462	592	757	113
tons	219 258	87 063	112 009	20 186	216 918	85 424	111 378	20 115
\$1,000	33 270	13 027	16 031	4 212	32 891	12 767	15 922	4 202
Farms by tons purchased:								
1 to 99 tons	1 593	939	541	113	882	443	361	78
100 to 499 tons	513	116	364	33	513	116	364	33
500 tons or more	67	33	32	2	67	33	32	2
Farms with expenses of—								
\$1 to \$4,999	1 256	805	369	82	547	310	190	47
\$5,000 to \$19,999	530	192	297	41	528	191	296	41
\$20,000 to \$49,999	270	45	206	19	270	45	206	19
\$50,000 or more	117	46	65	6	117	46	65	6

See footnote at end of table.

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

(Excludes abnormal farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	farms				farms			
SELECTED FARM PRODUCTION EXPENSES¹—Con.								
Animal health costs	2 478	1 267	1 048	163	1 640	666	857	117
\$1,000	1 500	490	796	214	1 388	408	769	211
Farms with expenses of—								
\$1 to \$499	1 791	1 064	612	115	982	467	446	69
\$500 to \$999	305	78	201	26	279	77	176	26
\$1,000 to \$2,999	309	106	186	17	306	103	186	17
\$3,000 or more	73	19	49	5	73	19	49	5
Seeds, bulbs, plants, and trees	3 034	1 684	1 114	236	2 291	1 085	1 011	195
\$1,000	7 812	4 228	2 451	1 133	7 674	4 107	2 440	1 127
Farms with expenses of—								
\$1 to \$999	2 169	1 303	714	152	1 445	723	611	111
\$1,000 to \$4,999	638	240	337	61	627	229	337	61
\$5,000 to \$9,999	123	74	42	7	115	66	42	7
\$10,000 or more	104	67	21	16	104	67	21	16
Commercial fertilizer	3 989	2 390	1 335	264	2 938	1 558	1 156	224
\$1,000	7 250	2 032	4 600	617	6 920	1 808	4 522	590
Farms with expenses of—								
\$1 to \$2,499	3 234	2 240	805	189	2 189	1 414	626	149
\$2,500 to \$9,999	640	131	445	64	634	125	445	64
\$10,000 to \$19,999	81	13	59	9	81	13	59	9
\$20,000 or more	34	6	26	2	34	6	26	2
Other agricultural chemicals including lime	3 772	2 311	1 221	240	2 782	1 504	1 073	205
\$1,000	4 007	1 574	2 096	337	3 833	1 427	2 073	333
Farms with expenses of—								
\$1 to \$2,499	3 438	2 193	1 029	216	2 448	1 386	881	181
\$2,500 to \$9,999	272	99	154	19	272	99	154	19
\$10,000 to \$19,999	37	14	21	2	37	14	21	2
\$20,000 or more	25	5	17	3	25	5	17	3
Energy and petroleum products	5 832	3 804	1 654	374	3 846	2 203	1 338	305
\$1,000	15 934	8 492	5 744	1 697	15 394	8 060	5 662	1 672
Farms with expenses of—								
\$1 to \$2,499	4 563	3 288	985	290	2 578	1 688	669	221
\$2,500 to \$9,999	1 016	384	563	69	1 015	383	563	69
\$10,000 to \$19,999	138	58	77	3	138	58	77	3
\$20,000 or more	115	74	29	12	115	74	29	12
Petroleum products	5 825	3 800	1 652	373	3 843	2 203	1 336	304
\$1,000	11 954	6 641	4 137	1 175	11 520	6 297	4 070	1 152
Gasoline	5 516	3 559	1 587	370	3 632	2 053	1 278	301
Diesel fuel	1 725	731	874	120	1 497	2 046	2 103	321
LPG gas, butane, and propane	1 108	299	725	84	1 085	282	720	83
Fuel oil	488	301	159	28	436	271	150	15
Natural gas	1 096	705	330	61	1 002	622	319	61
Kerosene, motor oil, and grease	1 447	3 304	665	478	4 439	3 297	664	478
Electricity	149	96	43	10	91	40	41	10
Other—coal, wood, coke, etc.	170	115	51	4	164	109	51	4
Hired farm labor	5 824	3 799	1 652	373	3 842	2 202	1 336	304
\$1,000	924	382	324	218	854	326	313	214
Less than 150 days	3 834	2 322	1 320	192	2 797	1 477	1 149	171
150 days or more	3 849	1 770	1 561	519	3 749	1 687	1 544	517
Contract labor	377	266	101	10	296	190	100	6
\$1,000	131	82	47	3	124	75	47	3
Farm-related income	2 754	1 541	1 015	198	2 277	1 161	948	168
\$1,000	40 287	15 275	17 338	7 675	39 625	14 704	17 264	7 657
Farms with expenses of—								
\$1 to \$4,999	1 738	1 111	513	114	1 265	734	447	84
\$5,000 to \$19,999	650	277	319	54	649	276	319	54
\$20,000 to \$49,999	231	90	120	21	229	89	119	21
\$50,000 or more	135	63	63	9	134	62	63	9
Workers by number of days worked:								
150 days or more	1 439	717	614	108	1 309	595	606	108
Less than 150 days	6 028	2 694	2 521	813	5 698	2 374	2 511	813
Contract labor	2 234	1 255	822	157	1 845	962	756	127
\$1,000	17 418	7 917	7 711	1 790	16 040	7 126	7 202	1 712
Customwork, machine hire, and rental of machinery and equipment	469	270	160	39	395	216	140	39
\$1,000	1 658	999	534	124	1 625	976	525	124
Farms with expenses of—								
\$1 to \$2,499	334	200	110	24	262	148	90	24
\$2,500 to \$9,999	103	49	41	13	101	47	41	13
\$10,000 to \$19,999	12	6	5	1	12	6	5	1
\$20,000 or more	20	15	4	1	20	15	4	1
Farm-related income	1 173	621	477	75	829	372	384	73
\$1,000	1 690	471	640	579	1 561	385	597	579
Farms with expenses of—								
\$1 to \$2,499	1 077	591	421	65	733	342	328	63
\$2,500 to \$9,999	75	23	44	8	75	23	44	8
\$10,000 to \$19,999	17	6	10	1	17	6	10	1
\$20,000 or more	4	1	2	1	4	1	2	1
See footnote at end of table.								

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

(Excludes abnormal farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment ... farms ... \$1,000 ...	5 868	3 835	1 659	374	3 865	2 217	1 343	305
Farms by value group:	126 455	56 138	61 888	8 430	111 514	45 077	58 644	7 793
\$1 to \$4,999	997	834	125	38	483	399	55	29
\$5,000 to \$9,999	1 862	1 364	351	147	699	445	161	93
\$10,000 to \$19,999	1 190	793	327	70	969	611	288	70
\$20,000 to \$49,999	1 166	640	436	90	1 074	562	428	84
\$50,000 to \$99,999	452	159	277	16	445	155	274	16
\$100,000 to \$199,999	152	27	115	10	146	27	109	10
\$200,000 to \$499,999	44	17	26	1	44	17	26	1
\$500,000 or more	5	1	2	2	5	1	2	2
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles ... farms ... number ...	3 149	1 957	997	195	2 468	1 371	928	169
Motortrucks, including pickups ... farms ... number ...	4 356	2 662	1 427	267	3 419	1 838	1 345	236
Wheel tractors ... farms ... number ...	4 848	2 996	1 522	330	3 434	1 874	1 283	277
Wheel tractors 2 or 3 ... farms ... number ...	9 838	5 205	3 931	702	7 963	3 769	3 597	597
Wheel tractors 4 or more ... farms ... number ...	4 733	2 867	1 541	325	3 177	1 649	1 262	266
Tractor units 2 or 3 ... farms ... number ...	10 818	5 411	4 582	825	8 450	3 584	4 149	717
Tractor units 4 or more ... farms ... number ...	2 051	1 174	710	167	1 556	840	592	124
Grain and bean combines, self-propelled only ... farms ... number ...	4 789	2 660	1 754	375	3 674	1 881	1 510	283
Cornpickers, corn heads, and picker-shellers ... farms ... number ...	857	279	500	78	798	228	492	78
Corn heads for combines ... farms ... number ...	4 204	1 337	2 497	370	3 953	1 122	2 461	370
Other cornpickers and picker-shellers ... farms ... number ...	97	24	63	10	90	18	62	10
Other cornpickers and picker-shellers ... farms ... number ...	102	24	67	11	94	18	65	11
Cottonpickers ... farms ... number ...	—	—	—	—	—	—	—	—
Mower conditioners ... farms ... number ...	1 423	572	738	113	1 187	401	679	107
Pickup balers ... farms ... number ...	1 554	643	797	114	1 303	465	730	108
Field forage harvesters, shear bar or flywheel type ... farms ... number ...	1 761	754	901	106	1 314	469	772	73
Field forage harvesters, shear bar or flywheel type ... farms ... number ...	1 880	795	958	127	1 420	510	822	88
Lawnmowers ... farms ... number ...	996	303	600	93	825	184	572	69
Lawnmowers ... farms ... number ...	1 171	336	727	108	995	212	699	84
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime ... farms ... \$1,000 ...	4 509	2 802	1 426	281	3 167	1 724	1 206	237
Commercial fertilizer ... farms ... acres on which used ...	11 257	3 606	6 697	954	10 753	3 235	6 595	924
Lime ... farms ... acres on which used ... tons ...	3 808	2 250	1 317	241	2 846	1 486	1 150	210
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms ... acres on which used ...	1 791	1 228	417	146	1 324	844	359	121
Nematodes in crops ... farms ... acres on which used ...	41 911	16 607	22 036	3 268	39 192	14 265	21 686	3 241
Diseases in crops and orchards ... farms ... acres on which used ...	205	122	61	22	167	85	60	22
Weeds, grass, or brush in crops and pasture ... farms ... acres on which used ...	4 850	1 116	3 266	468	4 767	1 036	3 263	468
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms ... acres on which used ...	1 108	782	268	58	813	525	230	58
Insect control on livestock and poultry ... farms ...	22 291	9 871	11 427	1 493	21 522	8 796	11 233	1 493
Sanitation and rodent and bird control ... farms ...	1 753	802	828	123	1 482	618	751	113
Weeds, grass, or brush in crops and pasture ... farms ... acres on which used ...	58 648	14 829	40 313	3 506	56 190	13 377	39 371	3 442
LIVESTOCK								
Cattle and calves inventory ... farms ... number ...	2 584	1 266	1 166	152	1 620	621	898	101
Farms with—								
1 to 9 ...	1 039	676	310	53	305	185	107	13
10 to 49 ...	885	479	354	52	662	331	290	41
50 to 99 ...	378	77	267	34	372	72	266	34
100 to 199 ...	215	27	179	9	214	26	179	9
200 to 499 ...	62	6	52	4	62	6	52	4
500 or more ...	5	1	4	—	5	1	4	—
Cows and heifers that had calved ... farms ... number ...	2 235	1 039	1 055	141	1 433	512	827	94
Beef cows ... farms ... number ...	59 735	13 063	42 753	3 919	56 196	10 729	41 768	3 699
Farms with—								
1 to 9 ...	1 005	617	330	58	383	192	168	23
10 to 49 ...	279	121	143	15	223	83	127	13
50 to 99 ...	10	5	5	—	9	4	5	—
100 to 199 ...	3	1	2	—	3	1	2	—
200 to 499 ...	1	—	—	—	1	—	—	1
500 or more ...	—	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	farms number	1 343 49 535	477 8 489	755 37 775	111 3 271	1 029 48 949	320 8 166	634 37 565
Farms with—								
1 to 4		481	260	177	44	187	117	60
5 to 9		41	20	16	5	24	9	12
10 to 49		448	154	258	36	445	151	258
50 to 99		263	33	208	22	263	33	208
100 to 199		87	8	76	3	87	8	76
200 to 499		22	1	20	1	22	1	20
500 or more		1	1	—	—	1	1	—
Heifers and heifer calves	farms number	1 846 32 421	837 7 888	909 22 946	100 1 587	1 221 30 028	413 6 054	726 22 471
Steers, steer calves, bulls, and bull calves	farms number	1 530 8 753	679 3 675	733 4 531	118 547	966 7 066	340 2 568	551 4 038
Cattle and calves sold	farms number	2 047 53 283	897 16 335	1 035 33 916	115 3 032	1 487 50 946	521 14 727	867 33 272
Calves	\$1,000 farms number	12 498 1 490	4 435 568	7 263 835	799 87	11 988 1 146	4 072 346	780 724
Cattle	\$1,000 farms number	29 872 2 486	8 862 1 154	19 480 1 199	1 530 133	28 708 2 379	8 081 1 086	1 491 1 164
Fattened on grain and concentrates	\$1,000 farms number	23 411 3 18	7 473 172	14 436 136	1 502 10	22 238 190	6 646 91	1 456 1 129
Hogs and pigs inventory	farms number	902 59 452	563 34 779	297 17 337	42 7 336	487 55 488	247 31 488	213 16 715
Farms with—								
1 to 9		607	361	219	27	247	83	152
10 to 49		126	84	38	4	84	56	24
50 to 99		52	34	16	2	48	33	13
100 to 199		39	28	7	4	39	28	7
200 to 499		49	39	9	1	40	30	9
500 or more		29	17	8	4	29	17	8
Used or to be used for breeding	farms number	360 7 416	203 4 462	137 2 371	20	262 583	146 6 962	103 4 121
Other	farms number	854 52 036	545 30 317	272 14 966	37 6 753	463 48 526	236 27 367	201 14 443
Hogs and pigs sold	farms number	545 66 497	312 36 460	206 22 834	27 7 203	381 64 272	213 35 066	147 22 033
Feeder pigs sold	farms number	5 611 14 385	3 002 8 059	1 820 5 895	788 431	5 515 13 229	2 943 7 572	1 788 5 230
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms number	402 9 069	215 5 335	166 3 141	21 593	281 8 597	151 4 986	116 3 028
Dec. 1 and May 31	farms number	347 4 609	187 2 864	147 1 568	13 177	250 4 252	135 2 588	104 1 489
June 1 and Nov. 30	farms number	299 4 460	166 2 471	116 1 573	17 416	247 4 345	136 2 398	101 1 539
Sheep and lambs of all ages inventory	farms number	411 6 906	264 5 024	128 1 774	19 108	159 3 585	87 2 306	62 1 246
Ewes 1 year old or older	farms number	349 4 710	228 3 423	105 1 227	16 60	128 2 459	71 1 574	50 868
Sheep and lambs sold	farms number	287 4 066	196 3 141	80 862	11 63	113 2 341	66 1 719	41 589
Sheep and lambs shorn	farms number	308 5 822	198 4 257	97 1 490	13 75	110 3 157	62 2 073	42 1 061
Horses and ponies inventory	farms number	1 382 8 049	846 4 402	474 3 346	62 301	641 3 742	352 2 228	270 1 357
Horses and ponies sold	farms number	396 1 639	275 1 283	111 328	10 28	238 1 481	150 1 161	82 298
Goats inventory	farms number	222 1 778	149 1 501	69 271	4 6	81 834	42 656	36 174
Goats sold	farms number	97 1 121	76 943	21 178	— —	42 555	28 458	14 97
Hens and pullets of laying age	farms number	2 915	2 581	— 303	— 31	2 427	— 238	— 172
Pullets 3 months old or older not of laying age	farms number	228 1 302 380	191 1 137 136	29 141 114	8 24 130	57 1 287 200	31 1 124 403	22 139 011
POULTRY								
Chickens 3 months old or older inventory	farms number	935 1 498 358	596 1 302 880	307 162 828	32 32 650	434 1 479 514	241 1 286 680	176 160 635
Farms with—								
1 to 399		810	504	279	27	309	149	148
400 to 3,199		65	48	14	3	65	48	14
3,200 to 9,999		27	16	10	1	27	16	10
10,000 to 19,999		14	11	3	—	14	11	3
20,000 to 49,999		12	10	1	1	12	10	1
50,000 to 99,999		5	5	—	—	5	5	—
100,000 or more		2	2	—	—	2	2	—
Hens and pullets of laying age	farms number	915 1 302 380	581 1 137 136	303 141 114	31 24 130	427 1 287 200	238 1 124 403	172 139 011
Pullets 3 months old or older not of laying age	farms number	228 195 978	191 165 744	29 21 714	8 8 520	57 192 314	31 162 277	22 21 624
See footnote at end of table.								

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

(Excludes abnormal farms; see text)

	All forms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
POULTRY—Con.								
Chickens 3 months old or older sold	farms number	269	201	57	11	191	133	50
Broilers and other meat-type chickens sold	farms number	1 085 843	929 837	134 147	21 859	1 080 027	924 431	133 828
Farms with—		47	29	16	2	25	15	10
1 to 1,999		41	23	16	2	19	9	10
2,000 to 59,999		6	6	—	—	6	6	—
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—
Turkey hens kept for breeding	farms number	19	10	8	1	13	8	4
Turkeys sold	farms number	1 661	1 569	(D)	(D)	1 636	1 564	(D)
	67	45	16	6	49	30	13	6
	137 213	118 482	2 146	16 585	136 917	118 210	2 122	16 585
CROPS HARVESTED								
Corn for all purposes	farms acres	1 136	345	725	66	959	242	654
	43 535	7 141	34 474	1 920		42 624	6 674	1 869
Tobacco	farms acres	44	21	19	4	44	21	19
	1 078	319	649	111		1 078	319	649
Irrigated	farms pounds	1 536 802	458 729	921 862	156 211	1 536 802	458 729	921 862
	15	8	6	1		15	8	6
Farms by acres harvested:		607	211	(D)	(D)	607	211	(D)
0.1 to 4.9 acres		18	13	4	1	18	13	4
5.0 to 24.9 acres		16	5	9	2	16	5	9
25.0 acres or more		10	3	6	1	10	3	6
Irish potatoes	farms hundredweight	185	77	70	38	131	58	61
	3 501	828	1 999	674		3 456	819	1 995
Irrigated	farms acres	748 993	173 793	435 961	139 239	746 471	172 588	435 528
	24	11	9	4		22	9	9
Farms by acres harvested:		178	131	43	5	177	130	43
0.1 to 0.9 acres		52	31	17	4	28	16	9
1.0 to 4.9 acres		75	23	22	30	46	19	21
5.0 to 24.9 acres		33	15	15	3	32	15	15
25.0 to 99.9 acres		18	6	12	—	18	6	12
100.0 acres or more		7	2	4	1	7	2	4
Hay crops (see text)	farms acres	3 063	1 679	1 220	164	1 856	826	917
	131 234	43 628	79 841	7 765		106 965	29 068	71 685
Irrigated	tons, dry	258 428	78 148	163 602	16 678	229 204	59 936	154 444
	farms acres	15	9	6	—	10	7	3
Farms by acres harvested:		235	132	103	—	168	126	42
1 to 24 acres		1 334	973	316	45	542	358	158
25 to 99 acres		1 413	661	651	101	1 002	425	508
100 to 499 acres		312	44	251	17	308	42	249
500 acres or more		4	1	2	1	4	1	2
Alfalfa hay	farms acres	1 070	485	537	48	787	287	460
	26 582	9 861	15 632	1 089		23 517	7 540	14 977
Irrigated	tons, dry	66 706	22 145	41 361	3 200	62 024	18 812	40 220
	farms acres	7	5	2	—	6	4	2
Farms by acres harvested:		151	(D)	(D)	—	146	(D)	(D)
0.1 to 4.9 acres		472	353	93	26	305	207	80
5.0 to 24.9 acres		448	250	158	40	424	230	156
25.0 to 99.9 acres		145	45	84	16	144	45	84
100.0 acres or more		21	—	19	2	21	—	19
Land in orchards	farms acres	508	386	109	13	297	202	87
	8 475	4 544	3 799	132		7 572	3 725	3 736
Irrigated	farms acres	38	33	5	—	21	17	4
Farms by acres in orchards:		119	96	24	—	91	69	22
0.1 to 4.9 acres		266	216	45	5	111	83	26
5.0 to 24.9 acres		149	117	26	6	96	68	24
25.0 to 99.9 acres		75	47	26	2	72	45	25
100.0 acres or more		18	6	12	—	18	6	12
Apples	farms total acres pounds	445	334	100	11	269	182	80
	7 623	4 000	3 501	1 358 600		91 025 858	3 346	3 451
	91 420 913	39 304 561	50 757 752			91 978 531	50 743 327	1 304 000

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

Table 30. Summary by Type of Organization: 1978

(Excludes abnormal farms; see text)

All Farms

	Total	Individual or family	Partnership	Total	Corporation				Other - cooperative, estate or trust, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
F FARMS AND LAND IN FARMS										
Farms	5 871	5 017	447	365	325	319	40	24	42	
number					5.5	5.4	0.6	0.4	0.7	
percent	100.0	85.4	7.6	6.2						
Land in farms	667 037	489 437	73 987	86 432	65 483	62 213	20 949	1 817	17 181	
acres					201	195	524	76	409	
Average size of farm	114	98	166	237						
Value of land and buildings ¹	5 871	5 078	434	334	297	292	37	21	25	
\$1,000	967 514	738 944	85 603	126 582	99 726	95 268	26 856	3 269	16 385	
Average per farm	164 795	145 518	197 241	378 987	335 776	326 260	725 850	155 662	655 411	
dollars	1 427	1 472	1 204	1 419	1 451	1 455	1 311	2 428	1 042	
Average per acre										
Farms by value of land and buildings:										
\$1 to \$19,999	417	392	20	5	5	5	—	—	—	
\$20,000 to \$39,999	640	582	46	12	10	10	2	2	—	
\$40,000 to \$69,999	1 117	1 002	76	38	32	31	6	6	1	
\$70,000 to \$99,999	947	895	23	29	28	28	1	1	—	
\$100,000 to \$149,999	865	731	89	44	37	37	7	7	1	
\$150,000 to \$199,999	502	439	26	35	34	34	1	1	2	
\$200,000 to \$499,999	1 037	807	122	101	93	92	8	3	7	
\$500,000 to \$999,999	242	170	26	41	36	34	5	—	5	
\$1,000,000 or more	104	60	6	29	22	21	7	1	9	
Owned and rented land by operator:										
Land owned	5 513	4 734	419	320	288	282	32	18	40	
farms										
acres	527 274	381 111	59 983	70 226	51 969	49 792	18 257	1 465	15 954	
Land rented or leased from others	2 042	1 670	205	153	135	133	18	9	14	
farms										
acres	150 747	117 777	(D)	16 712	(D)	(D)	2 847	352	(D)	
Land rented or leased to others	392	339	32	20	18	18	2	—	1	
farms										
acres	10 984	9 451	(D)	506	(D)	(D)	(D)	—	(D)	
LAND IN FARMS ACCORDING TO USE										
Total cropland	5 506	4 683	432	349	314	309	35	22	42	
farms										
acres	307 310	234 313	35 080	34 392	29 469	27 827	4 923	945	3 525	
Harvested cropland	5 087	4 293	413	340	307	302	33	20	41	
farms										
acres	210 973	154 408	25 570	28 476	23 925	22 656	4 551	873	2 519	
Farms by acres harvested:										
1 to 49 acres	3 863	3 383	238	215	200	198	15	14	27	
50 to 99 acres	654	515	91	44	36	36	8	4	4	
100 to 199 acres	414	299	61	48	42	41	6	1	6	
200 to 499 acres	137	88	22	23	21	20	2	1	4	
500 to 999 acres	16	8	1	7	6	5	1	—	—	
1,000 to 1,999 acres	2	—	—	2	1	1	1	—	—	
2,000 acres or more	1	—	—	1	1	1	—	—	—	
Cropland:										
Pasture or grazing only	2 497	2 211	193	77	75	74	2	2	16	
farms										
acres	76 915	64 578	7 581	3 930	(D)	(D)	(D)	(D)	826	
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	334	276	32	23	15	14	8	1	3	
farms										
acres	3 988	2 853	287	(D)	555	455	273	(D)	(D)	
On which all crops failed	129	109	14	6	6	6	—	—	—	
In cultivated summer fallow	828	717	71	40	40	40	—	—	—	
Idle	105	88	8	8	7	6	1	1	1	
farms										
acres	1 288	1 039	141	(D)	83	53	(D)	(D)	(D)	
1 318	10 718	1 430	1 026	965	922	61	(D)	144		
Total woodland	3 565	3 083	295	157	141	138	16	8	30	
farms										
acres	267 291	195 234	29 841	33 508	24 373	23 333	9 135	492	8 708	
Woodland pastured	989	852	97	35	33	31	2	2	5	
farms										
acres	37 446	29 888	5 448	1 507	(D)	1 157	(D)	(D)	603	
Woodland not pastured	3 125	2 703	253	140	124	122	16	8	29	
farms										
acres	229 845	165 346	24 393	32 001	(D)	22 176	(D)	(D)	8 105	
Pastureland and rangeland other than cropland and woodland pastured	702	598	64	34	32	30	2	1	6	
farms										
acres	30 984	21 517	3 498	4 496	(D)	4 248	(D)	(D)	1 473	
Land in house lots, ponds, roads, wasteland, etc.	4 003	3 414	306	249	222	217	27	11	34	
farms										
acres	61 452	38 373	5 568	14 036	7 193	6 805	6 843	352	3 475	
Pastureland, all types	3 194	2 808	254	114	109	106	5	4	18	
farms										
acres	145 345	115 983	16 527	9 933	9 826	9 106	107	87	2 902	
Irrigated land	1 021	732	105	167	143	141	24	14	17	
farms										
acres	16 893	7 066	2 199	6 852	3 145	3 024	3 707	583	776	
Harvested cropland irrigated	1 014	726	104	167	143	141	24	14	17	
farms										
acres	16 725	(D)	(D)	(D)	(D)	(D)	(D)	583	776	
Pastureland irrigated	10	8	2	—	—	—	—	—	—	
farms										
acres	100	(D)	(D)	—	—	—	—	—	—	
Other land irrigated	18	15	1	2	1	1	1	—	—	
farms										
acres	68	(D)	(D)	(D)	(D)	(D)	(D)	—	—	
Land set aside in the federal farm programs in 1978	48	38	6	4	4	4	—	—	—	
farms										
acres	1 077	661	60	356	356	356	—	—	—	
RACE AND TENURE OF OPERATOR										
All operators	5 871	5 017	447	365	325	319	40	24	42	
number										
Full owners	3 834	3 351	243	212	190	186	22	15	28	
Part owners	1 678	1 382	176	108	98	96	10	3	12	
Tenants	359	284	28	45	37	37	8	6	2	
White	5 839	4 990	445	362	323	317	39	23	42	
number										
Full owners	3 809	3 329	242	210	188	184	22	15	28	
Part owners	1 672	1 377	175	108	98	96	10	3	12	
Tenants	358	284	28	44	37	37	7	5	2	
Black and other races	32	27	2	3	2	2	1	1	—	
number										
Full owners	25	22	1	2	2	2	—	—	—	
Part owners	6	5	1	—	—	—	—	—	—	
Tenants	1	—	—	1	—	—	1	1	—	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, etc.	
				Family held		Other than family held			
				Total	10 or less stockholders	Total	10 or less stockholders		
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms	5 017	—	—	—	—	—	—	
	acres	489 437	489 437	—	—	—	—	—	
Partnership	farms	447	—	447	—	—	—	—	
	acres	73 987	—	73 987	—	—	—	—	
Corporations:									
Family held	farms	325	—	325	325	319	—	—	
	acres	65 483	—	65 483	65 483	62 213	—	—	
More than 10 stockholders	farms	6	—	6	6	—	—	—	
10 or less stockholders	farms	319	—	319	319	319	—	—	
Other than family held	farms	40	—	40	—	40	24	—	
	acres	20 949	—	20 949	—	20 949	1 817	—	
More than 10 stockholders	farms	16	—	16	—	16	—	—	
10 or less stockholders	farms	24	—	24	—	24	24	—	
Other—cooperative, estate or trust, etc.	farms	42	—	—	—	—	—	42	
	acres	17 181	—	—	—	—	—	17 181	
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		4 769	4 178	354	211	203	8	26	
Not on farm operated		734	505	75	140	110	30	14	
Operators by age group:									
Under 25 years		90	78	9	2	2	—	1	
25 to 34 years		589	495	46	41	37	35	2	
35 to 44 years		1 187	1 040	61	77	76	1	9	
45 to 54 years		1 343	1 138	96	101	86	15	8	
55 to 64 years		1 531	1 277	143	98	83	15	13	
65 years and over		1 131	989	92	46	41	5	4	
Average age		51.9	51.9	53.5	50.4	50.2	53.4	49.3	
Operators by sex:									
Male		5 418	4 612	417	352	314	38	37	
Female		453	405	30	13	11	2	5	
Operators of Spanish origin		41	40	—	—	—	—	—	
Operators by principal occupation:									
Forming		3 046	2 422	315	288	256	32	19	
Other		2 825	2 595	132	77	69	8	21	
Operators reporting days of work off farm:									
None		2 373	1 867	246	242	218	24	11	
1 to 99 days		438	362	40	31	26	5	5	
100 to 199 days		537	480	30	24	21	3	3	
200 days or more		2 294	2 120	110	51	45	6	13	
F FARMS BY SIZE									
1 to 9 acres		987	839	51	93	85	8	8	
10 to 49 acres		1 797	1 628	91	73	69	4	5	
50 to 69 acres		515	451	39	23	18	5	4	
70 to 99 acres		498	428	35	32	28	4	3	
100 to 139 acres		575	499	48	24	22	2	4	
140 to 179 acres		420	353	41	23	20	3	3	
180 to 219 acres		288	252	20	13	10	3	3	
220 to 259 acres		153	118	19	16	13	3	2	
260 to 499 acres		477	353	72	40	35	5	12	
500 to 999 acres		133	86	29	16	16	—	2	
1,000 to 1,999 acres		23	10	2	8	7	1	3	
2,000 acres or more		5	—	—	4	2	—	1	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		39	38	1	—	—	—	—	
Field crop, except cash grain farms (013)		842	760	59	15	8	7	8	
Cotton farms (0131)		—	—	—	—	—	—	—	
Tobacco farms (0132)		31	19	3	9	3	2	—	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		811	741	56	6	5	1	8	
Vegetable and melon farms (016)		651	573	50	24	23	1	4	
Fruit and tree nut farms (017)		737	587	69	67	56	11	6	
Horticultural specialty farms (018)		644	450	46	147	137	135	10	
General farms, primarily crop (019)		270	255	9	6	6	—	—	
Livestock farms, except dairy, poultry, and animal specialty (021)		1 227	1 120	78	20	18	2	9	
Beef cattle farms, except feedlots (0212)		619	568	39	8	6	2	4	
Dairy farms (024)		814	645	113	51	51	—	5	
Poultry and egg farms (025)		207	177	8	21	16	5	1	
Animal specialty farms (027)		340	318	9	13	9	4	3	
General farms, primarily livestock (029)		100	94	5	1	1	—	—	
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	farms \$1,000	5 871	5 017	447	365	325	40	42	
Farms by value of agricultural products sold:		213 473	106 071	24 663	80 296	54 538	52 630	2 249	
\$500,000 or more		49	7	5	36	25	24	1	
\$200,000 to \$499,999		145	57	23	62	55	52	3	
\$100,000 to \$199,999		293	165	49	76	69	7	5	
\$40,000 to \$99,999		688	523	88	75	68	7	2	
\$20,000 to \$39,999		565	478	46	38	34	4	3	
\$10,000 to \$19,999		556	488	39	27	26	—	2	
\$5,000 to \$9,999		714	597	76	30	28	2	11	
\$2,500 to \$4,999		849	779	56	9	9	—	5	
Less than \$2,500		2 012	1 923	65	12	10	2	12	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

Market value of agricultural products sold—Con.

	Total	Individual or family	Partnership	Corporation				Other— cooper- ative, estate or trust, etc.	
				Family held		Other than family held			
				Total	10 or less stockholders	Total	10 or less stockholders		
ALL FARMS									
Market value of agricultural products sold—Con.									
Grain	99	89	6	4	4	4	—	—	
\$1,000—	365	308	25	32	32	32	—	—	
Sales of \$40,000 or more	2	2	—	—	—	—	—	—	
\$1,000—	(D)	(D)	—	—	—	—	—	—	
Commodity Credit Corporation loans	1	—	1	—	—	—	—	—	
\$1,000—	(D)	—	(D)	—	—	—	—	—	
Cotton and cottonseed	—	—	—	—	—	—	—	—	
\$1,000—	—	—	—	—	—	—	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000—	—	—	—	—	—	—	—	—	
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—	
\$1,000—	—	—	—	—	—	—	—	—	
Tobacco	44	28	6	10	4	3	6	—	
\$1,000—	6 985	627	592	5 766	1 364	400	4 402	—	
Sales of \$40,000 or more	17	5	3	9	3	2	6	—	
\$1,000—	6 589	321	532	5 736	1 334	(D)	4 402	—	
Field seeds, hay, forage, and silage	1 269	1 137	93	29	28	27	1	10	
\$1,000—	4 663	4 002	471	151	(D)	137	(D)	39	
Sales of \$40,000 or more	8	8	—	—	—	—	—	—	
\$1,000—	411	411	—	—	—	—	—	—	
Vegetables, sweet corn, and melons	1 086	934	101	46	43	43	3	5	
\$1,000—	13 659	9 440	2 495	1 614	1 573	1 573	40	40	
Sales of \$40,000 or more	77	48	15	13	13	13	—	1	
\$1,000—	6 851	3 885	(D)	1 223	1 223	1 223	(D)	(D)	
Fruits, nuts, and berries	940	745	89	89	77	77	12	17	
\$1,000—	30 331	12 856	2 662	13 221	8 469	8 469	4 753	559	
Sales of \$40,000 or more	165	90	21	50	39	39	11	6	
\$1,000—	24 780	8 413	2 147	12 707	7 968	7 968	4 739	545	
Nursery and greenhouse products	797	570	64	161	151	149	10	8	
\$1,000—	41 086	11 805	(D)	26 489	24 256	24 227	2 233	1 095	
Sales of \$40,000 or more	188	71	18	99	91	91	8	6	
\$1,000—	35 904	8 003	2 345	25 555	23 349	23 349	2 206	1 068	
Other crops	181	152	22	7	6	6	1	—	
\$1,000—	3 394	1 686	911	798	(D)	(D)	(D)	—	
Sales of \$40,000 or more	16	10	3	3	2	2	1	1	
\$1,000—	2 639	1 061	813	764	(D)	(D)	(D)	—	
Poultry and poultry products	566	507	28	24	19	18	5	3	
\$1,000—	18 584	10 303	1 023	7 242	5 097	4 885	2 144	369	
Sales of \$40,000 or more	77	53	5	19	15	14	4	—	
\$1,000—	17 144	8 976	946	7 222	5 079	4 867	2 143	(D)	
Dairy products	920	736	124	53	53	51	—	7	
\$1,000—	61 184	40 400	10 151	10 106	10 106	9 492	—	527	
Sales of \$40,000 or more	510	374	86	47	47	45	—	3	
\$1,000—	53 599	33 805	9 399	9 928	9 928	9 314	—	468	
Cattle and calves	2 047	1 774	192	66	64	62	2	2	
\$1,000—	12 498	8 808	2 152	1 429	(D)	(D)	(D)	108	
Sales of \$40,000 or more	43	23	10	9	9	8	—	1	
\$1,000—	4 134	2 105	(D)	867	867	(D)	—	(D)	
Hogs and pigs	545	480	43	17	17	17	—	5	
\$1,000—	5 611	3 254	1 345	1 001	1 001	1 001	—	11	
Sales of \$40,000 or more	29	15	7	7	7	7	—	—	
\$1,000—	3 401	1 420	1 079	903	903	903	—	6	
Sheep, lambs, and wool	334	308	15	5	5	5	—	11	
\$1,000—	237	173	21	32	32	32	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000—	—	—	—	—	—	—	—	—	
Other livestock and livestock products (see text)	706	652	30	23	18	18	5	4	
\$1,000—	14 876	2 410	(D)	12 415	336	336	12 078	78	
Sales of \$40,000 or more	17	11	—	6	4	4	2	1	
\$1,000—	13 038	691	—	12 346	(D)	(D)	(D)	—	
SELECTED FARM PRODUCTION EXPENSES¹									
Livestock and poultry purchased	farms	2 033	1 794	140	82	76	74	4	
\$1,000—		11 358	6 817	1 181	3 283	1 639	1 589	29	
Farms with expenses of—								78	
\$1 to \$4,999		1 659	1 513	98	33	30	29	3	
\$5,000 to \$19,999		269	218	30	20	19	19	1	
\$20,000 to \$49,999		71	42	7	22	21	20	1	
\$50,000 or more		34	21	5	7	6	6	1	
Feed for livestock and poultry	farms	3 303	2 934	233	117	110	107	4	
\$1,000—		40 209	24 203	5 425	10 253	6 324	6 021	328	
Farms with expenses of—								266	
\$1 to \$4,999		2 239	2 126	81	24	23	1	8	
\$5,000 to \$19,999		553	466	54	29	28	1	4	
\$20,000 to \$49,999		353	258	62	28	27	1	5	
\$50,000 or more		158	84	36	36	29	4	2	
Commercially mixed formula feeds	farms	2 173	1 880	182	99	93	90	3	
tons		219 258	131 496	29 888	56 414	37 186	35 393	1 460	
\$1,000—		33 270	19 160	4 280	9 591	5 677	5 388	239	
Farms by tons purchased:									
1 to 99 tons		1 593	1 481	75	32	31	31	5	
100 to 499 tons		513	367	96	44	43	43	6	
500 tons or more		67	32	11	23	19	16	1	
Farms with expenses of—									
\$1 to \$4,999		1 256	1 191	48	15	14	14	2	
\$5,000 to \$19,999		530	428	69	30	30	30	3	
\$20,000 to \$49,999		270	201	43	20	19	19	6	
\$50,000 or more		117	60	22	34	30	27	1	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms	Total	Individual or family	Partnership	Total	Corporation				Other—cooperative, estate or trust, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
SELECTED FARM PRODUCTION EXPENSES¹—Con.										
Animal health costs	farms \$1,000	2 478	2 157	198	105	99	96	6	3 18 22	
Farms with expenses of—		1 500	892	207	379	209	193	169		
\$1 to \$499		1 791	1 657	90	35	33	33	2	2 9	
\$500 to \$999		305	248	37	19	18	18	1	1	
\$1,000 to \$2,999		309	216	59	31	31	30	—	3	
\$3,000 or more		73	36	12	20	17	15	3	5	
Seeds, bulbs, plants, and trees	farms \$1,000	3 034	2 534	267	220	204	201	16	12 13 16	
Farms with expenses of—		7 812	3 185	614	3 998	3 437	3 429	561	194	
\$1 to \$999		2 169	1 941	159	60	55	55	5	4 9	
\$1,000 to \$4,999		638	479	85	71	69	66	2	1 3	
\$5,000 to \$9,999		123	84	11	27	25	25	2	1	
\$10,000 or more		104	30	12	62	55	55	7	6 —	
Commercial fertilizer	farms \$1,000	3 989	3 384	324	264	234	230	30	17 17 85	
Farms with expenses of—		7 250	4 635	1 126	1 404	1 013	924	391	32	
\$1 to \$2,499		3 234	2 884	191	148	134	133	14	14 11	
\$2,500 to \$9,999		640	446	107	83	76	76	7	3 4	
\$10,000 to \$19,999		81	41	20	19	17	16	2	— 1	
\$20,000 or more		34	13	6	14	7	5	7	— 1	
Other agricultural chemicals including lime	farms \$1,000	3 772	3 156	322	273	244	240	29	15 21 64	
Farms with expenses of—		4 007	2 146	422	1 375	1 049	1 018	326	29	
\$1 to \$2,499		3 438	2 973	281	168	156	155	12	12 16	
\$2,500 to \$9,999		272	165	37	68	62	60	6	3 2	
\$10,000 to \$19,999		37	13	2	19	14	14	5	— 3	
\$20,000 or more		25	5	2	18	12	11	6	— —	
Energy and petroleum products	farms \$1,000	5 832	5 042	432	333	296	291	37	21 25 144	
Farms with expenses of—		15 934	7 987	1 639	6 164	4 741	4 642	1 423	180	
\$1 to \$2,499		4 563	4 192	268	90	82	81	8	8 13	
\$2,500 to \$9,999		1 016	765	134	113	104	104	9	7 4	
\$10,000 to \$19,999		138	54	17	59	55	53	4	2 8	
\$20,000 or more		115	31	13	71	55	53	16	4 —	
Petroleum products	farms \$1,000	5 825	5 035	432	333	296	291	37	21 25 108	
Gasoline	farms \$1,000	11 954	5 934	1 261	4 649	3 703	3 617	946	157	
Diesel fuel	farms \$1,000	5 516	4 776	410	306	270	266	36	20 24	
LP gas, butane, and propane	farms \$1,000	4 789	3 064	640	1 036	794	766	242	28 48	
Fuel oil	farms \$1,000	1 725	1 396	172	148	134	132	14	9 9	
Natural gas	farms \$1,000	1 108	732	140	232	199	192	33	4 3	
Kerosene, motor oil, and grease	farms \$1,000	488	341	42	98	80	78	18	8 7	
Electricity	farms \$1,000	516	149	43	315	115	79	200	2 9	
Other—coal, wood, coke, etc.	farms \$1,000	1 096	791	97	198	178	175	20	11 10	
Hired farm labor	farms \$1,000	4 447	1 383	354	2 670	2 439	2 428	232	119 40	
Workers by number of days worked:										
150 days or more	farms workers	149	115	11	21	15	14	6	— 2	
Less than 150 days	farms workers	170	51	11	105	54	52	52	(D) —	
Contract labor	farms \$1,000	5 824	5 035	432	332	295	290	37	21 25	
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	3 834	3 221	313	279	251	248	28	13 21	
Farms with expenses of—		3 849	1 952	(D)	1 493	(D)	(D)	475	(D) 23	
\$1 to \$2,499		377	333	18	24	22	22	2	1 2	
\$2,500 to \$9,999		131	101	(D)	22	(D)	(D)	(D)	(D) (D)	
FARM-RELATED INCOME										
Income from machine work, customwork, and other agricultural services	farms \$1,000	2 754	2 226	228	285	250	245	35	19 15 418	
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	40 287	13 324	3 110	23 434	14 044	13 328	9 390	594	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total	Individual or family	Partnership	Total	Corporation	Other than family held			Other—cooperative, estate or trust, etc.	
					Family held	Total	10 or less stockholders	Total	10 or less stockholders	
Estimated market value of all machinery and equipment—farms—\$1,000	5 868	5 077	433	333	296	291	37	21	25	
Farms by value group:	126 455	88 366	15 536	21 277	15 942	15 416	5 334	492	1 277	
\$1 to \$4,999	997	913	56	25	23	22	2	2	3	
\$5,000 to \$9,999	1 862	1 740	92	26	21	21	5	5	4	
\$10,000 to \$19,999	1 190	1 087	55	45	41	40	4	4	3	
\$20,000 to \$49,999	1 166	930	112	122	114	113	8	8	2	
\$50,000 to \$99,999	452	307	79	57	52	51	5	1	9	
\$100,000 to \$199,999	152	82	30	36	34	34	2	1	4	
\$200,000 to \$499,999	44	18	9	17	8	7	9	—	—	
\$500,000 or more	5	—	—	5	3	3	2	—	—	

SELECTED MACHINERY AND EQUIPMENT¹

	farms	number								
Automobiles	3 149	2 670	284	181	170	167	11	6	14	
Motortrucks, including pickups	4 356	3 542	505	291	267	263	24	8	18	
Wheel tractors	4 848	4 154	378	292	261	257	31	15	24	
2 or 3	9 838	7 604	984	1 179	957	924	222	39	71	
4 or more	4 733	4 062	374	273	243	240	30	15	24	
10 818	8 660	1 141	930	835	813	95	36	87		
Grain and bean combines, self-propelled only	32	27	4	1	1	1	—	—	—	
number	46	41	(D)	(D)	(D)	(D)	—	—	—	
Cornpickers, corn heads, and picker-shellers	188	155	21	11	11	10	—	—	1	
number	214	173	(D)	16	16	15	—	—	(D)	
Corn heads for combines	106	89	12	5	5	5	—	—	—	
number	112	93	13	6	6	6	—	—	—	
Other cornpickers and picker-shellers	97	78	11	7	7	6	—	—	1	
number	102	80	(D)	10	10	9	—	—	(D)	
Cottonpickers	—	—	—	—	—	—	—	—	—	
number	—	—	—	—	—	—	—	—	—	
Mower conditioners	1 423	1 180	150	86	84	82	2	1	7	
number	1 554	1 288	161	96	(D)	90	(D)	(D)	9	
Pickup balers	1 761	1 518	173	61	61	59	—	—	9	
number	1 880	1 628	178	65	65	62	—	—	10	
Field forage harvesters, shear bar or flywheel type	996	803	131	52	52	50	—	—	10	
number	1 171	933	155	73	73	69	—	—		

AGRICULTURAL CHEMICALS¹

	farms	number	farms	number	farms	number	farms	number	farms	number
Agricultural chemicals, including commercial fertilizer and lime	4 509	3 840	353	293	261	257	32	18	23	
Commercial fertilizer	11 257	6 781	1 549	2 779	2 062	1 942	717	61	148	
Lime	3 808	3 215	323	253	225	221	28	15	17	
acres on which used	153 311	106 052	20 936	24 604	20 179	18 748	4 425	677	1 719	
acres on which used	1 864	1 554	159	148	138	135	10	5	3	
tons	41 304	27 188	5 161	8 862	8 638	8 538	224	82	93	
65 084	44 480	8 051	12 375	12 172	12 005	203	148	178		
Sprays, dusts, granules, fumigants, etc. to control—	1 791	1 455	160	167	143	140	24	12	9	
Insects on hay and other crops	41 911	24 997	6 035	10 135	6 229	5 808	3 906	458	744	
acres on which used	205	139	31	33	26	25	7	1	2	
Nematodes in crops	4 850	2 086	(D)	1 238	677	557	561	(D)	(D)	
acres on which used	1 108	889	93	116	102	101	14	5	10	
Diseases in crops and orchards	22 791	14 023	2 454	5 808	4 548	4 428	1 260	195	506	
acres on which used	1 753	1 413	187	136	123	121	13	8	17	
Weeds, grass, or brush in crops and pasture	58 648	36 751	8 163	12 457	10 419	9 904	2 038	231	1 277	
acres on which used	—	—	—	—	—	—	—	—	—	
Chemicals for—	—	—	—	—	—	—	—	—	—	
Defoliation or for growth control of crops, or thinning of fruit	209	155	13	38	36	36	2	1	3	
acres on which used	6 352	3 501	528	2 128	(D)	(D)	(D)	(D)	195	
Insect control on livestock and poultry	1 318	1 112	133	65	61	60	4	2	8	
Sanitation and rodent and bird control	1 152	953	105	83	72	71	11	2	11	

LIVESTOCK

	farms	number	farms	number	farms	number	farms	number	farms	number
Cattle and calves inventory	2 584	2 277	214	74	72	70	2	2	19	
farms with—	100 909	73 836	14 381	11 669	(D)	10 663	(D)	(D)	1 023	
1 to 9	1 039	985	35	11	11	11	—	—	8	
10 to 49	885	799	74	8	8	8	—	—	4	
50 to 99	378	297	62	15	13	13	2	2	4	
100 to 199	215	163	29	21	21	21	—	—	2	
200 to 499	62	33	14	14	14	12	—	—	1	
500 or more	5	—	—	5	5	5	—	—	—	
Cows and heifers that had calved	2 235	1 951	197	70	68	66	2	2	17	
Beef cows	59 735	43 344	8 429	7 425	(D)	6 912	(D)	(D)	537	
farms with—	1 298	1 194	79	18	16	16	2	2	7	
1 to 9	1 005	934	58	10	10	10	—	—	3	
10 to 49	279	248	21	7	5	5	2	2	3	
50 to 99	10	9	—	—	—	—	—	—	1	
100 to 199	3	3	—	—	—	—	—	—	—	
200 to 499	1	—	—	1	1	1	—	—	—	
500 or more	—	—	—	—	—	—	—	—	—	

See footnote at end of table.

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

			Corporation						Other—cooperative, estate or trust, etc.	
			Family held			Other than family held				
	Total	Individual or family	Partnership	Total	Total	10 or less stockholders	Total	10 or less stockholders		
All Farms										
LIVESTOCK — Con.										
Cattle and calves inventory — Con.										
Cows and heifers that had calved — Con.										
Milk cows	farms	1 343	1 120	152	60	60	58	—	11	
	number	49 535	34 205	7 859	7 052	7 052	6 579	—	419	
Farms with —										
1 to 4		481	443	27	6	6	6	—	5	
5 to 9		41	35	4	1	1	1	—	1	
10 to 49		448	383	54	9	9	9	—	2	
50 to 99		263	200	43	19	19	19	—	1	
100 to 199		87	50	21	14	14	14	—	2	
200 to 499		22	9	3	10	10	8	—	—	
500 or more		1	—	—	1	1	1	—	—	
Heifers and heifer calves	farms	1 846	1 598	179	54	54	52	—	15	
	number	32 421	23 388	4 814	3 849	3 849	3 489	—	370	
Steers, steer calves, bulls, and bull calves	farms	1 530	1 331	134	52	50	48	2	13	
	number	8 753	7 104	1 138	395	(D)	262	(D)	116	
Cattle and calves sold	farms	2 047	1 774	192	66	64	62	2	15	
	number	53 283	36 188	8 484	6 128	(D)	5 542	(D)	483	
Calves	\$1,000	12 498	8 808	2 152	1 429	(D)	1 292	(D)	108	
	farms	1 490	1 267	155	60	58	56	2	8	
	number	29 872	21 907	4 246	3 462	(D)	3 070	(D)	257	
Cattle	\$1,000	2 486	2 005	237	231	(D)	182	(D)	13	
	farms	1 751	1 510	171	58	56	54	2	12	
	number	23 411	16 281	4 238	2 666	(D)	2 472	(D)	226	
Fattened on grain and concentrates	farms	318	285	25	6	6	6	—	2	
	number	2 751	1 520	(D)	38	38	38	—	(D)	
	\$1,000	1 274	645	(D)	17	17	17	—	(D)	
Hogs and pigs inventory	farms	902	811	55	26	26	26	—	10	
	number	59 452	35 711	14 615	8 847	8 847	8 847	—	279	
Farms with —										
1 to 9		607	566	23	12	12	12	—	6	
10 to 49		126	110	11	2	2	2	—	3	
50 to 99		52	46	5	1	1	1	—	—	
100 to 199		39	37	1	1	1	1	—	—	
200 to 499		49	41	6	1	1	1	—	1	
500 or more		29	11	9	9	9	9	—	—	
Used or to be used for breeding	farms	360	311	30	14	14	14	—	5	
	number	7 416	4 409	1 803	1 180	1 180	1 180	—	24	
Other	farms	854	771	52	23	23	23	—	8	
	number	52 036	31 302	12 812	7 667	7 667	7 667	—	255	
Hogs and pigs sold	farms	545	480	43	17	17	17	—	5	
	number	66 497	40 723	14 579	11 040	11 040	11 040	—	155	
Feeder pigs sold	\$1,000	5 611	3 254	1 345	1 001	1 001	1 001	—	11	
	farms	219	197	11	9	9	9	—	2	
	number	14 385	10 330	(D)	1 851	1 851	1 851	—	(D)	
Litters of pigs farrowed between —										
Dec. 1 of preceding year and Nov. 30	farms	402	352	30	15	15	15	—	5	
	number	9 069	5 520	2 116	1 417	1 417	1 417	—	16	
Dec. 1 and May 31	farms	347	304	26	13	13	13	—	4	
	number	4 609	2 851	1 038	711	711	711	—	9	
June 1 and Nov. 30	farms	299	252	28	15	15	15	—	4	
	number	4 460	2 669	1 078	706	706	706	—	7	
Sheep and lambs of all ages inventory	farms	411	378	18	9	9	9	—	6	
	number	6 906	5 399	535	479	479	479	—	493	
Ewes 1 year old or older	farms	349	325	15	4	4	4	—	5	
	number	4 710	3 620	281	431	431	431	—	378	
Sheep and lambs sold	farms	287	264	13	5	5	5	—	5	
	number	4 066	3 284	325	188	188	188	—	269	
Sheep and lambs shorn	farms	308	285	14	4	4	4	—	5	
	number	5 822	4 583	313	473	473	473	—	453	
	pounds of wool	39 697	31 841	2 223	3 195	3 195	3 195	—	2 438	
Horses and ponies inventory	farms	1 382	1 245	90	38	37	37	1	9	
	number	8 049	6 843	452	720	(D)	(D)	(D)	34	
Horses and ponies sold	farms	396	375	11	10	9	9	1	—	
	number	1 213	1 045	27	141	(D)	(D)	(D)	—	
	\$1,000	1 639	1 462	17	160	(D)	(D)	(D)	—	
Goats inventory	farms	222	207	11	3	3	3	—	1	
	number	1 778	1 656	114	(D)	(D)	(D)	—	(D)	
Goats sold	farms	97	92	4	—	—	—	—	1	
	number	1 121	1 063	(D)	—	—	—	—	(D)	
	\$1,000	49	43	(D)	—	—	—	—	(D)	
POULTRY										
Chickens 3 months old or older inventory	farms	935	859	45	20	16	15	4	2	
	number	1 498 358	860 756	77 171	559 005	422 112	399 512	136 893	(D)	
Farms with —									1 426	
1 to 399		810	759	36	5	5	5	—	10	
400 to 3,199		65	59	4	1	1	1	—	1	
3,200 to 9,999		27	22	2	3	1	1	2	—	
10,000 to 19,999		14	10	2	2	2	2	—	—	
20,000 to 49,999		12	7	1	4	4	3	—	—	
50,000 to 99,999		5	1	—	4	2	2	2	—	
100,000 or more		2	1	—	1	1	1	—	—	
Hens and pullets of laying age	farms	915	839	45	20	16	15	4	2	
	number	1 302 380	778 005	(D)	452 455	334 209	320 209	118 246	(D)	
Pullets 3 months old or older not of laying age	farms	228	211	5	10	7	6	3	2	
	number	195 978	82 751	(D)	106 550	87 903	79 303	18 647	(D)	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**POULTRY—Con.**

	farms number	Individual or family	Partnership	Total	Corporation						Other— cooperative, estate or trust, etc.					
					Family held			Other than family held								
					Total	10 or less stockholders	Total	10 or less stockholders	Total	10 or less stockholders						
Chickens 3 months old or older sold	farms number	269	233	16	437	15	305	11	255	10	131	4	2	5	865	
Broilers and other meat-type chickens sold	farms number	1 085 843	586 232	61 646	437 100	2	900	1	400	1	200	1	(D)	(D)	-	
Farms with																
1 to 1,999		41	39	—	—	2	—	1	—	1	—	1	—	—	—	
2,000 to 59,999		6	6	—	—	—	—	—	—	—	—	—	—	—	—	
60,000 to 99,999		—	—	—	—	—	—	—	—	—	—	—	—	—	—	
100,000 or more		—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	19	18	—	—	1	—	1	—	1	—	—	—	—	—	
Turkeys sold	farms number	1 661	1 061	—	(D)	6	(D)	6	(D)	6	(D)	—	—	—	1	
1 061	59	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)		
137 213	99 743															
CROPS HARVESTED																
Corn for all purposes	farms acres	1 136	941	134	7 918	54	7 918	54	7 373	52	—	—	—	—	7	315
Tobacco	farms acres	43 535	28 725	6 577	7 918	54	7 918	54	7 373	52	—	—	—	—	—	—
Irrigated	pounds	44	28	6	10	4	205	3	84	6	588	—	—	—	—	—
	farms acres	1 078	182	104	793	—	—	—	—	—	—	—	—	—	—	—
	1 041	349	—	—	285 820	—	136 400	—	755 529	5	—	—	—	—	—	—
Farms by acres harvested:																
0.1 to 4.9 acres		18	18	—	—	—	—	—	—	—	—	—	—	—	—	—
5.0 to 24.9 acres		16	10	5	1	1	1	1	1	1	—	—	—	—	—	—
25.0 acres or more		10	—	1	9	3	2	2	2	2	6	—	—	—	—	—
Irish potatoes	farms acres	185	156	21	8	7	7	7	(D)	(D)	(D)	(D)	(D)	(D)	1	—
Irrigated	hundredweight	3 501	1 779	989	733	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	—
	farms acres	748 993	379 354	213 440	156 199	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	—	—
Farms by acres harvested:																
0.1 to 0.9 acres		52	45	6	1	1	1	1	—	—	—	—	—	—	—	—
1.0 to 4.9 acres		75	66	8	1	1	1	1	—	—	—	—	—	—	—	—
5.0 to 24.9 acres		33	28	3	2	2	2	2	—	—	—	—	—	—	—	—
25.0 to 99.9 acres		18	14	1	3	2	2	2	—	—	—	—	—	—	—	—
100.0 acres or more		7	3	3	1	1	1	1	—	—	—	—	—	—	—	—
Hay crops (see text)	farms acres	3 063	2 705	248	89	86	84	3	3	3	21	—	—	—	—	—
Irrigated	tons, dry	131 234	106 260	14 751	8 630	8 565	7 825	65	65	65	1 593	—	—	—	—	—
	farms acres	258 428	198 955	34 993	21 237	21 117	18 840	120	120	120	3 243	—	—	—	—	—
Farms by acres harvested:																
1 to 24 acres		1 334	1 245	62	18	17	17	1	1	1	9	—	—	—	—	—
25 to 99 acres		1 413	1 225	140	42	40	40	2	2	2	6	—	—	—	—	—
100 to 499 acres		312	233	46	28	28	26	5	26	26	5	—	—	—	—	—
500 acres or more		4	2	—	1	1	1	1	—	—	—	—	—	—	—	—
Alfalfa hay	farms acres	1 070	903	110	45	45	44	—	—	—	—	—	—	—	12	—
Irrigated	tons, dry	26 582	20 792	3 551	1 987	1 987	1 947	—	—	—	—	—	—	—	252	629
	farms acres	66 706	50 613	10 028	5 436	5 436	5 276	—	—	—	—	—	—	—	—	(D)
All vegetables harvested for sale (see text)	farms acres	1 086	934	101	46	43	43	3	3	3	5	—	—	—	—	—
Irrigated	farms acres	15 172	11 255	2 341	1 504	1 442	1 442	62	62	62	73	—	—	—	—	—
Farms by acres harvested:																
0.1 to 4.9 acres		472	433	26	12	12	12	—	—	—	—	—	—	—	—	1
5.0 to 24.9 acres		448	383	48	14	12	12	2	2	2	3	—	—	—	—	—
25.0 to 99.9 acres		145	105	23	16	15	15	1	1	1	1	—	—	—	—	—
100.0 acres or more		21	13	4	4	4	4	—	—	—	—	—	—	—	—	—
Land in orchards	farms acres	508	429	37	36	35	35	1	1	—	—	—	—	—	6	—
Irrigated	farms acres	8 475	5 300	557	2 537	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	81	—
Farms by acres in orchards:																
0.1 to 4.9 acres		266	242	13	8	8	8	—	—	—	—	—	—	—	3	—
5.0 to 24.9 acres		149	126	17	4	4	4	—	—	—	—	—	—	—	2	—
25.0 to 99.9 acres		75	54	7	13	12	12	1	1	1	1	—	—	—	1	—
100.0 acres or more		18	7	—	11	11	11	—	—	—	—	—	—	—	—	—
Apples	farms total acres pounds	445	375	36	28	27	27	1	1	—	—	—	—	—	6	—
	7 623	4 754	461	2 347	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	61	863 265
	91 420 913	49 992 057	5 318 640	35 246 951												

*1978 data are based on a sample of farms; see text.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming							
		Age of operator						65 years and over	
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
F FARMS AND LAND IN FARMS									
Farms -----	number	5 871	3 046	46	299	418	609	862	812
percent		100.0	51.8	5.0	7.1	10.3	14.6	13.8	
Land in farms -----	acres	667 037	456 531	4 027	40 553	63 021	117 822	134 311	96 797
Average size of farm -----	acres	114	150	88	136	151	193	156	119
Value of land and buildings-----	forms	5 871	3 078	84	339	396	589	877	793
\$1,000	dollars	967 514	636 662	15 305	74 740	91 512	144 714	182 687	127 704
Average per farm -----	dollars	164 795	206 842	182 204	220 470	231 091	245 694	208 309	161 038
Average per acre -----	dollars	1 427	1 371	1 779	1 528	1 464	1 249	1 392	1 311
Forms by value of land and buildings:									
\$1 to \$19,999 -----		417	176	11	11	16	26	44	68
\$20,000 to \$39,999 -----		640	304	2	32	39	48	63	120
\$40,000 to \$69,999 -----		1 117	455	9	47	32	70	133	164
\$70,000 to \$99,999 -----		947	359	13	43	57	61	106	79
\$100,000 to \$149,999 -----		865	483	13	54	63	95	144	114
\$150,000 to \$199,999 -----		502	318	8	21	41	77	119	52
\$200,000 to \$499,999 -----		1 037	716	23	92	100	159	187	155
\$500,000 to \$999,999 -----		242	182	—	29	34	33	63	23
\$1,000,000 or more -----		104	85	5	10	14	20	18	18
Owned and rented land by operator:									
Land owned -----	farms	5 513	2 833	32	221	374	571	842	793
acres		527 274	343 451	2 313	23 554	40 061	90 548	102 205	84 770
Land rented or leased from others -----	farms	2 042	1 301	33	200	232	287	341	208
acres		150 747	119 175	1 714	18 173	23 337	28 941	33 428	13 582
Land rented or leased to others -----	farms	392	176	—	11	17	38	34	76
acres		10 984	6 095	—	1 174	377	1 667	1 322	1 555
L LAND IN FARMS ACCORDING TO USE									
Total cropland -----	farms	5 506	2 898	42	284	397	579	819	777
acres		307 310	225 382	2 657	23 653	33 577	53 111	67 896	44 488
Harvested cropland -----	farms	5 087	2 762	32	268	381	558	788	735
acres		210 973	162 046	1 366	17 581	25 871	40 592	47 068	29 568
Farms by acres harvested:									
1 to 49 acres -----		3 863	1 742	23	156	219	323	469	552
50 to 99 acres -----		654	511	3	49	73	113	171	102
100 to 199 acres -----		414	365	6	45	57	87	112	58
200 to 499 acres -----		137	126	—	16	27	31	29	23
500 to 999 acres -----		16	15	—	2	4	2	7	—
1,000 to 1,999 acres -----		2	2	—	—	1	1	—	—
2,000 acres or more -----		1	1	—	—	—	1	—	—
Cropland:									
Pasture or grazing only -----	farms	2 497	1 186	26	120	155	244	350	291
acres		76 915	52 289	1 158	4 652	6 593	10 128	17 713	12 045
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	farms	334	183	3	21	26	27	56	50
acres		3 988	2 771	14	220	222	786	855	674
On which all crops failed -----	farms	129	72	3	8	6	14	26	15
acres		828	462	(D)	(D)	76	129	167	54
In cultivated summer fallow -----	farms	105	73	1	8	10	10	31	13
acres		1 288	1 170	(D)	(D)	341	160	394	135
Idle -----	farms	740	354	4	36	37	65	95	117
acres		13 318	6 644	104	1 039	474	1 316	1 699	2 012
Total woodland -----									
farms		3 565	1 829	20	152	234	367	574	482
acres		267 291	169 014	1 122	13 402	22 065	45 234	48 641	38 550
Woodland pastured -----	farms	989	549	8	53	66	123	159	140
acres		37 446	25 401	126	2 077	3 301	5 981	7 302	6 614
Woodland not pastured -----	farms	3 125	1 591	16	133	208	325	505	404
acres		229 845	143 613	996	11 325	18 764	39 253	41 339	31 936
Pastureland and rangeland other than cropland and woodland pastured -----									
farms		702	438	9	34	52	85	141	117
acres		30 984	22 730	92	1 226	2 347	7 889	5 626	5 550
Land in house lots, ponds, roads, wasteland, etc. -----	farms	4 003	2 017	25	171	285	403	594	539
acres		61 452	39 405	156	2 272	5 032	11 588	12 148	8 209
Pastureland, all types -----									
farms		3 194	1 576	30	149	197	331	468	401
acres		145 345	100 420	1 376	7 955	12 241	23 998	30 641	24 209
Irrigated land -----	farms	1 021	677	7	67	110	163	190	140
acres		16 893	13 669	33	711	2 284	4 538	4 083	2 020
Harvested cropland irrigated -----	farms	1 014	672	7	66	108	163	190	138
acres		16 725	13 559	(D)	(D)	2 255	(D)	4 050	1 990
Pastureland irrigated -----	farms	100	54	—	—	2	—	3	2
acres		18	12	1	2	1	1	(D)	(D)
Other land irrigated -----	farms	68	56	(D)	(D)	(D)	(D)	(D)	6
acres		48	32	—	4	6	9	9	4
Land set aside in the federal farm programs in 1978 -----	farms	1 077	869	—	226	151	346	108	38
R RACE AND TENURE OF OPERATOR									
All operators -----	number	5 871	3 046	46	299	418	609	862	812
Full owners -----	number	3 834	1 749	13	99	187	323	521	606
Part owners -----	number	1 678	1 084	19	122	187	248	321	187
Tenants -----	number	359	213	14	78	44	38	20	19
White -----	number	5 839	3 026	46	298	409	606	858	809
Full owners -----	number	3 809	1 732	13	98	179	322	517	603
Part owners -----	number	1 672	1 082	19	122	186	247	321	187
Tenants -----	number	358	212	14	78	44	37	20	19
Black and other races -----	number	32	20	—	1	9	3	4	3
Full owners -----	number	25	17	—	1	8	1	4	3
Part owners -----	number	6	2	—	—	1	1	—	—
Tenants -----	number	1	1	—	—	—	1	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total	Other occupations						
		Age of operator						
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
F FARMS AND LAND IN FARMS								
Farms	number	2 825	44	290	769	734	669	319
Land in farms	percent	48.1	0.7	4.9	13.0	12.5	11.3	5.4
Average size of farm	acres	210 506	1 958	17 272	47 058	56 017	59 375	28 826
Value of land and buildings ¹	farms	75	45	60	61	76	89	90
\$1,000	dollars	330 852	3 820	25 426	103 631	89 753	70 716	37 506
Average per farm	dollars	118 457	84 883	93 824	132 521	122 780	104 454	130 682
Average per acre	dollars	1 548	2 350	1 787	2 041	1 453	1 137	1 625
Farms by value of land and buildings:								
\$1 to \$19,999		241	2	38	49	44	91	17
\$20,000 to \$39,999		336	8	21	79	61	91	76
\$40,000 to \$69,999		662	21	86	161	209	122	63
\$70,000 to \$99,999		588	4	50	225	198	70	41
\$100,000 to \$149,999		382	—	32	85	64	171	30
\$150,000 to \$199,999		184	—	10	51	55	55	13
\$200,000 to \$499,999		321	10	34	112	79	60	26
\$500,000 to \$999,999		60	—	—	12	12	17	19
\$1,000,000 or more		19	—	—	8	9	—	2
Owned and rented land by operator:								
Land owned	farms	2 680	23	254	722	709	657	315
Land rented or leased from others	acres	183 823	856	11 305	35 818	49 962	58 002	27 880
Land rented or leased to others	farms	741	25	122	226	202	122	44
	acres	31 572	1 102	6 123	12 006	7 215	3 581	1 545
	farms	216	—	12	44	40	99	21
	acres	4 889	—	156	766	1 160	2 208	599
L LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	2 608	36	256	706	694	616	300
	acres	81 928	957	7 291	22 134	21 089	19 570	10 887
Harvested cropland	farms	2 325	28	199	628	616	574	280
	acres	48 927	714	4 321	12 849	12 904	11 897	6 242
Farms by acres harvested:								
1 to 49 acres		2 121	27	175	573	574	518	254
50 to 99 acres		143	1	16	35	30	44	17
100 to 199 acres		49	—	6	18	8	10	7
200 to 499 acres		11	—	2	2	3	2	2
500 to 999 acres		1	—	—	—	1	—	—
1,000 to 1,999 acres		—	—	—	—	—	—	—
2,000 acres or more		—	—	—	—	—	—	—
Cropland:								
Pasture or grazing only	farms	1 311	21	115	428	390	240	117
	acres	24 626	161	1 952	5 944	7 166	6 021	3 382
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	151	1	20	50	36	30	14
	acres	1 217	(D)	(D)	345	233	217	(D)
On which all crops failed	farms	57	—	7	19	10	15	6
	acres	366	—	43	116	47	67	93
In cultivated summer fallow	farms	32	1	5	7	8	9	2
	acres	118	(D)	18	19	39	35	(D)
Idle	farms	386	5	73	83	72	98	55
	acres	6 674	(D)	(D)	2 861	700	1 333	1 020
Total woodland	farms	1 736	13	160	486	456	408	213
	acres	98 277	750	6 911	19 825	26 374	30 919	13 498
Woodland pastured	farms	440	5	41	108	157	86	43
	acres	12 045	108	967	2 186	3 488	2 276	3 020
Woodland not pastured	farms	1 534	12	133	435	389	370	195
	acres	86 232	642	5 944	17 639	22 886	28 643	10 478
Pastureland and rangeland other than cropland and woodland pastured	farms	264	5	29	43	68	79	40
	acres	8 254	44	1 775	1 041	2 027	2 415	952
Land in house lots, ponds, roads, wasteland, etc.	farms	1 986	16	176	587	530	452	225
	acres	22 047	207	1 295	4 058	6 527	6 471	3 489
Pastureland, all types	farms	1 618	25	160	507	451	313	162
	acres	44 925	313	4 694	9 171	12 681	10 712	7 354
Irrigated land	farms	344	—	29	90	73	108	44
	acres	3 224	—	163	502	1 277	826	456
Harvested cropland irrigated	farms	342	—	29	90	72	107	44
	acres	3 166	—	163	(D)	1 230	(D)	456
Pastureland irrigated	farms	3	—	—	—	2	1	—
	acres	46	—	—	—	(D)	(D)	—
Other land irrigated	farms	6	—	—	4	1	1	—
	acres	12	—	—	(D)	(D)	(D)	—
Land set aside in the federal farm programs in 1978	farms	16	—	4	5	3	3	1
	acres	208	—	56	67	26	(D)	(D)
RACE AND TENURE OF OPERATOR								
All operators	number	2 825	44	290	769	734	669	319
Full owners	number	2 085	19	168	543	533	547	275
Part owners	number	594	4	86	179	175	110	40
Tenants	number	146	21	36	47	26	12	4
White	number	2 813	44	287	767	728	668	319
Full owners	number	2 077	19	167	542	528	546	275
Part owners	number	590	4	84	178	174	110	40
Tenants	number	146	21	36	47	26	12	4
Black and other races	number	12	—	3	2	6	1	4
Full owners	number	8	—	1	1	5	1	—
Part owners	number	4	—	2	1	1	—	—
Tenants	number	—	—	—	—	—	—	—

See footnote at end of table.

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

		Farming							
All Farms	Total farming and other occupations	Age of operator							
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms	5 017	2 422	39	229	327	459	672	696
	acres	489 437	311 922	3 619	27 522	44 331	67 321	94 908	74 221
Partnership	farms	447	315	5	31	34	70	102	73
	acres	73 987	60 441	(D)	(D)	6 766	11 955	20 002	14 509
Corporations:									
Family held	farms	325	256	2	32	51	67	68	36
	acres	65 483	59 245	(D)	(D)	(D)	22 860	14 228	6 686
More than 10 stockholders	farms	6	5	—	2	1	1	1	—
10 or less stockholders	farms	319	251	2	30	50	66	67	36
Other than family held	farms	40	32	—	4	1	10	13	4
	acres	20 949	16 280	—	(D)	(D)	13 019	2 177	758
More than 10 stockholders	farms	16	13	—	2	—	4	6	1
10 or less stockholders	farms	24	19	—	2	1	6	7	3
Other—cooperative, estate or trust, etc.	farms	42	21	—	3	5	3	7	3
	acres	17 181	8 643	—	189	2 168	2 667	2 996	623
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		4 769	2 466	33	207	333	486	707	700
Not on farm operated		734	374	9	70	60	92	82	61
Operators by age group:									
Under 25 years		90	46	46	—	—	—	—	—
25 to 34 years		589	299	—	299	—	—	—	—
35 to 44 years		1 187	418	—	—	418	—	—	—
45 to 54 years		1 343	609	—	—	—	609	—	—
55 to 64 years		1 531	862	—	—	—	—	862	—
65 years and over		1 131	812	—	—	—	—	—	812
Average age		51.9	54.6	22.1	30.0	39.8	49.8	59.5	71.7
Operators by sex:									
Male		5 418	2 820	44	281	387	560	791	757
Female		453	226	2	18	31	49	71	55
Operators of Spanish origin		41	7	—	1	1	1	2	2
Operators by principal occupation:									
Forming		3 046	3 046	46	299	418	609	862	812
Other		2 825	—	—	—	—	—	—	—
Operators reporting days of work off farm:									
None		2 373	2 068	28	177	272	403	590	598
1 to 99 days		438	296	4	51	45	72	76	48
100 to 199 days		537	209	3	28	46	51	56	25
200 days or more		2 294	244	10	26	30	46	75	57
F FARMS BY SIZE									
1 to 9 acres		987	428	5	51	73	80	85	134
10 to 49 acres		1 797	716	11	77	93	126	196	213
50 to 69 acres		515	244	10	26	31	39	67	71
70 to 99 acres		498	266	7	23	34	66	75	61
100 to 139 acres		575	339	3	31	34	70	118	83
140 to 179 acres		420	236	3	17	24	50	63	79
180 to 219 acres		288	193	3	19	30	38	54	49
220 to 259 acres		153	113	2	6	18	24	35	28
260 to 499 acres		477	371	2	29	56	87	129	68
500 to 999 acres		133	117	—	18	20	22	35	22
1,000 to 1,999 acres		23	20	—	1	5	5	5	4
2,000 acres or more		5	3	—	1	—	2	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		39	4	—	1	1	—	2	—
Field crop, except cash grain farms (013)		842	301	2	26	33	37	89	114
Cotton farms (0131)		—	—	—	—	—	—	—	—
Tobacco farms (0132)		31	26	—	4	—	5	14	3
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		811	275	2	22	33	32	75	111
Vegetable and melon farms (016)		651	388	1	36	43	67	125	116
Fruit and tree nut farms (017)		737	407	6	37	46	82	104	132
Horticultural specialty farms (018)		644	409	1	48	89	93	86	92
General farms, primarily crop (019)		270	63	2	6	8	16	17	14
Livestock farms, except dairy, poultry, and animal specialty (021)		1 227	460	11	29	46	74	145	155
Beef cattle farms, except feedlots (0212)		619	248	6	12	21	34	86	89
Dairy farms (024)		814	752	11	85	122	188	229	117
Poultry and egg farms (025)		207	139	10	12	12	31	49	25
Animal specialty farms (027)		340	98	2	15	13	17	14	37
General farms, primarily livestock (029)		100	25	—	4	5	4	2	10
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	forms	5 871	3 046	46	299	418	609	862	812
\$1,000		213 473	190 300	1 696	17 140	29 169	59 066	56 063	27 166
Farms by value of agricultural products sold:									
\$500,000 or more		49	46	—	1	8	11	16	10
\$200,000 to \$499,999		145	136	1	21	22	35	44	13
\$100,000 to \$199,999		293	271	—	25	47	83	77	39
\$40,000 to \$99,999		688	628	8	70	116	160	174	100
\$20,000 to \$39,999		565	464	17	56	60	104	149	78
\$10,000 to \$19,999		556	378	2	41	52	72	113	98
\$5,000 to \$9,999		714	375	5	42	31	50	115	132
\$2,500 to \$4,999		849	264	3	13	20	35	92	101
Less than \$2,500		2 012	484	10	30	62	59	82	241

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms acres	2 595 177 515	39 1 399	266 15 630	713 43 101	679 44 900	605 46 198	293 26 287	
Partnership	farms acres	132 13 546	4 (D)	15 989	27 2 000	26 3 494	41 4 697	19 (D)	
Corporations:									
Family held	farms acres	69 6 238	— —	5 309	25 1 507	19 1 844	15 2 009	5 569	
More than 10 stockholders	farms acres	1 —	— —	— 5	— 25	— 18	— 15	— 5	
10 or less stockholders	farms acres	68 —	— —	5 —	25 —	18 5	15 2	5 1	
Other than family held	farms acres	8 4 669	— —	— —	— —	4 469 —	(D) —	(D) —	
More than 10 stockholders	farms acres	3 —	— —	— —	— —	3 —	— —	— —	
10 or less stockholders	farms acres	5 —	— —	— —	— —	2 5	2 6	1 1	
Other—cooperative, estate or trust, etc.	farms acres	21 8 538	1 (D)	4 344	4 450	5 1 310	6 (D)	1 (D)	
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		2 303	26	227	663	594	531	262	
Not on farm operated		360	18	51	80	97	85	29	
Operators by age group:									
Under 25 years		44	44	—	—	—	—	—	
25 to 34 years		290	—	290	—	—	—	—	
35 to 44 years		769	—	—	769	—	—	—	
45 to 54 years		734	—	—	—	734	—	—	
55 to 64 years		669	—	—	—	—	669	—	
65 years and over		319	—	—	—	—	—	319	
Average age		49.0	21.1	30.8	39.3	49.3	59.0	71.5	
Operators by sex:									
Male		2 598	33	239	748	698	630	250	
Female		227	11	51	21	36	39	69	
Operators of Spanish origin		34	—	1	5	—	—	28	
Operators by principal occupation:									
Forming		—	—	—	—	—	—	—	
Other		2 825	44	290	769	734	669	319	
Operators reporting days of work off farm:									
None		305	3	7	26	37	84	148	
1 to 99 days		142	2	10	13	27	52	38	
100 to 199 days		328	4	47	80	78	83	36	
200 days or more		2 050	35	226	650	592	450	97	
F FARMS BY SIZE									
1 to 9 acres		559	16	66	180	113	133	51	
10 to 49 acres		1 081	17	114	312	316	219	103	
50 to 69 acres		271	2	37	43	91	51	47	
70 to 99 acres		232	1	20	71	52	63	25	
100 to 139 acres		236	6	24	71	50	54	31	
140 to 179 acres		184	1	8	46	33	77	19	
180 to 219 acres		95	—	11	15	25	31	13	
220 to 259 acres		40	—	1	7	12	11	9	
260 to 499 acres		106	1	8	21	38	23	15	
500 to 999 acres		16	—	—	3	3	5	5	
1,000 to 1,999 acres		3	—	1	—	—	1	1	
2,000 acres or more		2	—	—	—	1	1	—	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		35	—	—	7	25	3	—	
Field crop, except cash grain farms (013)		541	13	41	115	145	141	86	
Cotton farms (0131)		—	—	—	—	—	—	—	
Tobacco farms (0132)		5	—	1	1	—	2	1	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		536	13	40	114	145	139	85	
Vegetable and melon farms (016)		263	7	27	36	83	83	27	
Fruit and tree nut farms (017)		330	—	37	70	81	99	43	
Horticultural specialty farms (018)		235	—	31	49	55	63	37	
General farms, primarily crop (019)		207	1	12	106	45	24	19	
Livestock farms, except dairy, poultry, and animal specialty (021)		767	13	90	232	213	148	71	
Beef cattle farms, except feedlots (0212)		371	6	34	99	94	88	50	
Dairy farms (024)		62	1	4	12	16	18	11	
Poultry and egg farms (025)		68	1	6	16	13	26	6	
Animal specialty farms (027)		242	8	35	90	48	44	17	
General farms, primarily livestock (029)		75	—	7	36	10	20	2	
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	farms \$1,000	2 825 23 173	44 1 959	290 5 365	769 8 604	734 4 853	669 2 211	319	
Farms by value of agricultural products sold:									
\$500,000 or more		3	—	—	—	3	—	—	
\$200,000 to \$499,999		9	—	—	4	3	1	1	
\$100,000 to \$199,999		22	—	2	6	5	6	3	
\$40,000 to \$99,999		60	—	5	13	18	18	6	
\$20,000 to \$39,999		101	1	13	22	32	21	12	
\$10,000 to \$19,999		178	5	37	45	31	44	16	
\$5,000 to \$9,999		339	5	34	61	74	127	38	
\$2,500 to \$4,999		585	12	58	146	150	144	75	
Less than \$2,500		1 528	21	141	472	418	308	168	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total farming and other occupations	Farming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF PRODUCTS SOLD—Con.										
Market value of agricultural products sold—Con.										
Grain	farms	99	36	5	3	6	4	12	6	
	\$1,000	365	272	12	7	148	28	62	15	
Sales of \$40,000 or more	farms	2	2	—	—	2	—	—	—	
	\$1,000	(D)	(D)	—	—	(D)	—	—	—	
Commodity Credit Corporation loans	farms	1	—	—	—	—	—	—	—	
	\$1,000	(D)	(D)	—	—	—	—	—	—	
Cotton and cottonseed	farms	—	—	—	—	—	—	—	—	
	\$1,000	—	—	—	—	—	—	—	—	
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	—	
	\$1,000	—	—	—	—	—	—	—	—	
Commodity Credit Corporation loans	farms	—	—	—	—	—	—	—	—	
	\$1,000	—	—	—	—	—	—	—	—	
Tobacco	farms	44	39	1	4	1	8	19	6	
	\$1,000	6 985	6 942	(D)	(D)	(D)	900	5 440	155	
Sales of \$40,000 or more	farms	17	17	—	2	—	1	12	2	
	\$1,000	6 589	6 589	—	(D)	—	(D)	5 346	(D)	
Field seeds, hay, forage, and silage	farms	1 269	559	9	59	80	81	143	187	
	\$1,000	4 663	2 809	60	459	629	337	610	714	
Sales of \$40,000 or more	farms	8	8	—	3	4	—	—	1	
	\$1,000	411	411	—	177	(D)	—	—	(D)	
Vegetables, sweet corn, and melons	farms	1 086	683	4	66	83	128	219	183	
	\$1,000	13 659	11 856	31	1 040	2 215	2 943	4 295	1 332	
Sales of \$40,000 or more	farms	77	74	—	5	15	22	26	6	
	\$1,000	6 851	6 689	—	449	1 387	1 948	2 536	369	
Fruits, nuts, and berries	farms	940	554	8	53	60	124	152	157	
	\$1,000	30 331	24 633	41	2 442	3 170	6 542	5 817	6 621	
Sales of \$40,000 or more	farms	165	141	—	15	19	38	37	32	
	\$1,000	24 780	20 757	—	2 038	2 680	5 746	4 763	5 530	
Nursery and greenhouse products	farms	797	533	2	59	107	121	125	119	
	\$1,000	41 086	36 525	(D)	(D)	6 704	8 389	10 716	7 253	
Sales of \$40,000 or more	farms	188	158	—	21	28	42	37	29	
	\$1,000	35 904	32 736	(D)	(D)	5 933	(D)	9 757	6 639	
Other crops	farms	181	127	2	8	16	20	53	28	
	\$1,000	3 394	3 147	(D)	(D)	737	472	1 284	577	
Sales of \$40,000 or more	farms	16	15	—	—	3	2	7	3	
	\$1,000	2 639	(D)	—	—	645	(D)	1 003	430	
Poultry and poultry products	farms	566	275	13	29	37	57	83	56	
	\$1,000	18 584	16 061	301	813	2 282	6 529	5 476	660	
Sales of \$40,000 or more	farms	77	72	2	6	9	23	27	5	
	\$1,000	17 144	14 963	(D)	(D)	2 219	6 401	5 063	407	
Dairy products	farms	920	811	12	93	137	197	237	135	
	\$1,000	61 184	59 184	467	6 874	11 050	15 916	17 589	7 288	
Sales of \$40,000 or more	farms	510	495	3	60	97	141	138	56	
	\$1,000	53 599	52 496	225	6 234	10 227	14 817	15 255	5 738	
Cattle and calves	farms	2 047	1 268	26	128	176	270	383	285	
	\$1,000	12 498	10 569	127	935	1 511	3 175	3 161	1 660	
Sales of \$40,000 or more	farms	43	40	1	3	7	13	13	3	
	\$1,000	4 134	3 848	(D)	(D)	492	1 652	1 121	322	
Hogs and pigs	farms	545	252	13	27	32	58	63	59	
	\$1,000	5 611	4 824	530	609	380	1 445	1 450	410	
Sales of \$40,000 or more	farms	29	27	1	3	2	7	11	3	
	\$1,000	3 401	(D)	(D)	462	(D)	1 087	1 020	142	
Sheep, lambs, and wool	farms	334	111	4	10	12	22	22	41	
	\$1,000	237	112	2	9	6	46	14	35	
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	—	
	\$1,000	—	—	—	—	—	—	—	—	
Other livestock and livestock products (see text)	farms	706	254	13	26	35	34	52	94	
	\$1,000	14 876	13 367	8	104	316	12 343	149	447	
Sales of \$40,000 or more	farms	17	12	—	—	3	4	1	4	
	\$1,000	13 038	12 744	—	—	188	12 266	(D)	(D)	
SELECTED FARM PRODUCTION EXPENSES¹										
Livestock and poultry purchased	farms	2 033	1 051	64	137	146	226	299	179	
	\$1,000	11 358	10 148	705	628	1 371	4 518	2 211	716	
Farms with expenses of—										
\$1 to \$4,999		1 659	730	39	101	103	139	203	145	
\$5,000 to \$19,999		269	224	19	31	27	57	67	23	
\$20,000 to \$49,999		71	63	5	3	6	18	22	9	
\$50,000 or more		34	34	1	2	10	12	7	2	
Feed for livestock and poultry	farms	3 303	1 682	77	174	225	335	484	387	
	\$1,000	40 209	36 463	851	3 406	5 517	12 773	10 324	3 592	
Farms with expenses of—										
\$1 to \$4,999		2 239	712	29	53	76	114	214	226	
\$5,000 to \$19,999		553	490	36	58	69	82	145	100	
\$20,000 to \$49,999		353	327	11	44	49	95	76	52	
\$50,000 or more		158	153	1	19	31	44	49	9	
Commercially mixed formula feeds	farms	2 173	1 229	54	150	187	252	376	210	
	tons	219 258	202 181	3 674	18 281	31 320	68 207	62 736	17 963	
	\$1,000	33 270	30 710	517	2 814	4 530	11 455	8 854	2 540	
Farms by tons purchased:										
1 to 99 tons		1 593	679	44	79	98	107	196	155	
100 to 499 tons		513	485	10	63	77	124	160	51	
500 tons or more		67	65	—	8	12	21	20	4	
Farms with expenses of—										
\$1 to \$4,999		1 256	392	15	42	65	45	126	99	
\$5,000 to \$19,999		530	465	34	59	58	98	152	64	
\$20,000 to \$49,999		270	260	5	35	41	77	62	40	
\$50,000 or more		117	112	—	14	23	32	36	7	

See footnote at end of table.

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

{Excludes abnormal farms; see text}

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

	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
Market value of agricultural products sold—Con.									
Grain	63	—	1	20	34	7	(D)	1	
\$1,000	93	—	(D)	39	42	—	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Commodity Credit Corporation loans	1	—	—	—	—	(D)	—	—	
\$1,000	(D)	—	—	—	—	—	—	—	
Cotton and cottonseed	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Tobacco	5	—	1	1	—	2	(D)	1	
\$1,000	43	—	(D)	(D)	—	—	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Field seeds, hay, forage, and silage	710	14	67	167	185	173	104	104	
\$1,000	1 854	47	163	461	396	592	194	194	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Vegetables, sweet corn, and melons	403	7	44	64	106	135	47	47	
\$1,000	1 804	44	166	276	514	594	210	210	
Sales of \$40,000 or more	—	—	—	—	—	(D)	(D)	—	
\$1,000	—	—	—	—	—	—	—	—	
Fruits, nuts, and berries	386	—	45	86	74	119	62	62	
\$1,000	5 699	—	373	854	2 395	1 308	770	770	
Sales of \$40,000 or more	—	—	3	4	5	7	5	5	
\$1,000	—	—	228	396	2 041	774	584	584	
Nursery and greenhouse products	264	—	34	53	63	71	41	41	
\$1,000	4 561	(D)	(D)	2 052	1 103	650	361	361	
Sales of \$40,000 or more	—	—	1	12	10	5	2	2	
\$1,000	—	—	(D)	1 782	769	292	(D)	(D)	
Other crops	54	—	5	30	8	7	4	4	
\$1,000	247	—	8	11	209	16	3	3	
Sales of \$40,000 or more	—	—	—	—	—	(D)	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Poultry and poultry products	291	2	27	92	72	51	47	47	
\$1,000	2 522	(D)	(D)	98	2 113	133	22	22	
Sales of \$40,000 or more	—	—	2	—	3	—	—	—	
\$1,000	—	—	(D)	—	(D)	—	—	—	
Dairy products	2 181	—	9	17	48	21	13	13	
\$1,000	109	—	(D)	(D)	264	614	759	284	
Sales of \$40,000 or more	—	—	—	—	—	(D)	594	(D)	
\$1,000	—	—	15	—	—	5	8	2	
Cattle and calves	1 103	—	—	—	—	(D)	594	(D)	
\$1,000	779	14	74	219	224	167	81	81	
Sales of \$40,000 or more	—	—	42	145	579	541	369	254	
\$1,000	—	—	—	—	—	1	—	1	
Hogs and pigs	285	—	—	—	(D)	(D)	(D)	(D)	
\$1,000	—	—	—	—	—	—	—	—	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Sheep, lambs, and wool	223	4	15	67	71	49	17	17	
\$1,000	125	(Z)	6	42	37	32	9	9	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	—	—	—	
Other livestock and livestock products (see text)	452	10	65	182	92	77	26	26	
\$1,000	1 508	12	326	453	369	291	57	57	
Sales of \$40,000 or more	—	—	—	—	—	—	—	—	
\$1,000	—	—	—	—	—	(D)	—	—	
SELECTED FARM PRODUCTION EXPENSES¹									
Livestock and poultry purchased	982	17	132	331	244	194	64	64	
\$1,000	1 210	74	132	537	258	182	26	26	
Farms with expenses of—									
\$1 to \$4,999	929	7	130	318	230	180	64	64	
\$5,000 to \$19,999	45	10	1	8	13	13	—	—	
\$20,000 to \$49,999	8	—	1	5	1	1	—	—	
\$50,000 or more	—	—	—	—	—	—	—	—	
Feed for livestock and poultry	1 621	41	184	499	429	341	127	127	
\$1,000	3 746	31	251	888	1 707	707	163	163	
Farms with expenses of—									
\$1 to \$4,999	1 527	41	175	470	399	317	125	125	
\$5,000 to \$19,999	63	—	9	21	19	14	—	—	
\$20,000 to \$49,999	26	—	—	8	7	9	2	2	
\$50,000 or more	5	—	—	—	4	1	—	—	
Commercially mixed formula feeds	944	13	102	318	261	157	93	93	
\$1,000	17 077	54	584	3 832	9 141	3 018	449	449	
Farms by tons purchased:									
1 to 99 tons	914	13	100	305	255	149	92	92	
100 to 499 tons	28	—	2	13	4	8	1	1	
500 tons or more	2	—	—	—	2	—	—	—	
Farms with expenses of—									
\$1 to \$4,999	864	13	100	292	232	135	92	92	
\$5,000 to \$19,999	65	—	2	25	24	14	—	—	
\$20,000 to \$49,999	10	—	—	1	1	7	1	1	
\$50,000 or more	5	—	—	—	4	1	—	—	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total forming and other occupations	Farming							
		Total	Age of operator					65 years and over	
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
SELECTED FARM PRODUCTION EXPENSES¹ — Con.									
Animal health costs	farms \$1,000	2 478	1 340	69	152	195	271	367	286
Farms with expenses of—		1 500	1 244	40	140	209	418	294	142
\$1 to \$499		1 791	727	44	58	101	128	212	184
\$500 to \$999		305	283	14	57	33	68	54	57
\$1,000 to \$2,999		309	267	10	32	41	63	83	38
\$3,000 or more		73	63	1	5	20	12	18	7
Seeds, bulbs, plants, and trees	farms \$1,000	3 034	1 955	48	224	291	412	575	405
Farms with expenses of—		7 812	6 792	52	841	1 279	1 646	2 080	894
\$1 to \$999		2 169	1 231	28	122	175	222	386	298
\$1,000 to \$4,999		638	532	20	81	84	145	132	70
\$5,000 to \$9,999		123	106	—	13	15	24	30	24
\$10,000 or more		104	86	—	8	17	21	27	13
Commercial fertilizer	farms \$1,000	3 989	2 368	50	256	300	463	716	583
Farms with expenses of—		7 250	6 401	141	757	942	1 541	2 132	888
\$1 to \$2,499		3 234	1 662	34	145	200	310	491	482
\$2,500 to \$9,999		640	596	11	96	86	124	188	91
\$10,000 to \$19,999		81	76	5	12	8	18	26	7
\$20,000 or more		34	34	—	3	6	11	11	3
Other agricultural chemicals including lime	farms \$1,000	3 772	2 252	48	269	293	461	689	492
Farms with expenses of—		4 007	3 412	34	376	476	786	1 082	659
\$1 to \$2,499		3 438	1 957	46	230	250	391	593	447
\$2,500 to \$9,999		272	238	2	33	32	57	82	32
\$10,000 to \$19,999		37	33	—	4	8	8	6	7
\$20,000 or more		25	24	—	2	3	5	8	6
Energy and petroleum products	farms \$1,000	5 832	3 061	84	339	396	588	872	782
Farms with expenses of—		15 934	13 362	183	1 271	1 939	3 665	3 919	2 385
\$1 to \$2,499		4 563	1 901	56	199	220	287	535	604
\$2,500 to \$9,999		1 016	931	28	116	144	236	267	140
\$10,000 to \$19,999		138	129	—	15	19	36	32	27
\$20,000 or more		115	100	—	9	13	29	38	11
Petroleum products	farms \$1,000	5 825	3 059	84	339	394	588	872	782
Farm gasoline	farms \$1,000	11 954	9 974	136	956	1 488	2 586	3 061	1 247
Diesel fuel	farms \$1,000	5 516	2 913	84	326	358	560	820	765
LPG gas, butane, and propane	farms \$1,000	4 789	3 917	88	447	544	951	1 228	659
Fuel oil	farms \$1,000	1 725	1 200	49	160	174	270	381	166
Natural gas	farms \$1,000	1 108	964	28	125	145	245	307	114
Kerosene, motor oil, and grease	farms \$1,000	488	397	14	38	50	104	104	87
Electricity	farms \$1,000	1 096	827	19	104	93	207	244	160
Other—coal, wood, coke, etc.	farms \$1,000	4 447	3 777	4	(D)	(D)	964	1 035	822
Hired farm labor	farms \$1,000	2 754	1 829	28	216	234	412	568	371
Farms with expenses of—		40 287	36 943	147	2 607	4 718	12 359	11 961	5 153
\$1 to \$4,999		1 738	906	13	126	119	143	306	199
\$5,000 to \$19,999		650	587	14	49	59	182	154	129
\$20,000 to \$49,999		231	213	1	29	36	63	60	24
\$50,000 or more		135	123	—	12	20	24	48	19
Workers by number of days worked:									
150 days or more	farms workers	1 439	1 144	15	145	165	293	314	212
Less than 150 days	farms workers	6 028	5 288	24	461	705	1 419	1 878	801
Contract labor	farms \$1,000	2 234	1 459	27	176	165	314	457	320
Farms with expenses of—		17 418	14 400	117	1 230	1 215	3 451	5 546	2 841
\$1 to \$2,499		469	307	6	37	42	69	69	84
\$2,500 to \$9,999		1 658	1 261	41	145	102	326	364	283
\$10,000 to \$19,999		334	199	5	22	27	42	38	65
\$20,000 or more		103	82	—	10	14	23	22	13
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 173	756	23	105	118	164	189	157
Farms with expenses of—		1 690	1 422	11	124	123	767	269	128
\$1 to \$2,499		1 077	675	23	91	101	143	167	150
\$2,500 to \$9,999		75	62	—	13	17	14	13	5
\$10,000 to \$19,999		17	16	—	1	—	4	9	2
\$20,000 or more		4	3	—	—	—	3	—	—
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms \$1,000	411	252	9	50	45	41	65	42
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	836	630	18	155	147	73	199	38
		1 250	8665	15	64	96	114	193	183
		9 745	8 519	28	423	1 196	1 624	2 756	2 493

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
SELECTED FARM PRODUCTION EXPENSES —Con.									
Animal health costs	forms \$1,000	1 138 257	24 4	119 33	435 99	264 85	228 25	68 11	
Farms with expenses of—									
\$1 to \$499		1 064	24	93	419	240	224	64	
\$500 to \$999		22	—	1	5	12	2	2	
\$1,000 to \$2,999		42	—	25	11	2	2	2	
\$3,000 or more		10	—	—	—	10	—	—	
Seeds, bulbs, plants, and trees	forms \$1,000	1 079 1 020	4 7	94 63	267 461	297 284	301 139	116 65	
Farms with expenses of—									
\$1 to \$999		938	—	72	237	248	269	112	
\$1,000 to \$4,999		106	4	21	18	28	32	3	
\$5,000 to \$9,999		17	—	1	1	15	—	—	
\$10,000 or more		18	—	—	11	6	—	1	
Commercial fertilizer	forms \$1,000	1 621 849	10 9	152 63	380 198	466 321	431 190	182 68	
Farms with expenses of—									
\$1 to \$2,499		1 572	10	145	365	448	424	180	
\$2,500 to \$9,999		44	—	7	15	14	6	2	
\$10,000 to \$19,999		5	—	—	—	4	1	—	
\$20,000 or more		—	—	—	—	—	—	—	
Other agricultural chemicals including lime	forms \$1,000	1 520 595	4 13	133 50	455 135	404 187	385 160	139 50	
Farms with expenses of—									
\$1 to \$2,499		1 481	—	132	445	398	370	136	
\$2,500 to \$9,999		34	4	—	10	4	13	3	
\$10,000 to \$19,999		4	—	1	—	1	2	—	
\$20,000 or more		1	—	—	—	1	—	—	
Energy and petroleum products	forms \$1,000	2 771 2 571	45 40	263 111	777 760	730 915	669 585	287 161	
Farms with expenses of—									
\$1 to \$2,499		2 662	45	257	747	698	636	279	
\$2,500 to \$9,999		85	—	6	21	23	30	5	
\$10,000 to \$19,999		9	—	—	2	1	3	3	
\$20,000 or more		15	—	—	7	8	—	—	
Petroleum products	forms \$1,000	2 766 1 980	45 25	263 91	776 628	730 659	669 450	283 127	
Gasoline	forms \$1,000	2 603 872	45 18	258 61	713 235	702 301	617 185	268 72	
Diesel fuel	forms \$1,000	525 144	10 2	40	170	106	163	36	
LP gas, butane, and propane	forms \$1,000	91 41	10 (Z)	5	23	32	18	3	
Fuel oil	forms \$1,000	269 670	4 (Z)	12	48	79	107	19	
Natural gas	forms \$1,000	59 79	4 2	—	29	20	5	1	
Kerosene, motor oil, and grease	forms \$1,000	2 766 175	45 2	263 11	776 48	730 37	669 64	283 13	
Electricity	forms \$1,000	1 575 557	30 15	140 19	486 124	414 250	359 118	146 30	
Other—coal, wood, coke, etc.	forms \$1,000	157 35	—	6	36	31	62	22	
Hired farm labor	forms \$1,000	925 3 344	14 38	96 165	268 997	229 1 061	248 643	70 440	
Farms with expenses of—									
\$1 to \$4,999		832	10	93	245	205	224	55	
\$5,000 to \$19,999		63	4	1	13	14	22	9	
\$20,000 to \$49,999		18	—	1	4	7	2	4	
\$50,000 or more		12	—	1	6	3	—	2	
Workers by number of days worked:									
150 days or more	forms workers	295 740	8 16	14	122	63	60	28	
Less than 150 days	forms workers	775 3 018	14 26	96	362 392	149 585	96 1 086	75 687	
Contract labor	forms \$1,000	162 397	4 4	19 9	39 94	49 94	35 154	16 43	
Farms with expenses of—									
\$1 to \$2,499		135	4	19	28	43	27	14	
\$2,500 to \$9,999		21	—	—	10	5	5	1	
\$10,000 to \$19,999		—	—	—	—	—	—	—	
\$20,000 or more		6	—	—	1	1	3	1	
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000	417 268	8 3	60	96	119	101	33	
Farms with expenses of—									
\$1 to \$2,499		402	8	60	88	119	98	29	
\$2,500 to \$9,999		13	—	—	8	—	1	4	
\$10,000 to \$19,999		1	—	—	—	—	1	—	
\$20,000 or more		1	—	—	—	—	—	—	
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	forms \$1,000	159 206	4 1	30 53	35 29	47 38	30 71	13 15	
Value of agricultural products sold directly to individuals for human consumption	forms \$1,000	585 1 226	6 14	64 87	163 325	132 248	162 393	58 159	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

VALUE OF MACHINERY AND EQUIPMENT¹

	Total farming and other occupations	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
Estimated market value of all machinery and equipment	farms \$1,000	5 868 126 455	3 078 94 855	1 84 1 509	10 339 10 553	14 396 14 147	22 589 22 445	29 877 29 572	16 793 16 629
Farms by value group:									
\$1 to \$4,999		997	426	4	52	68	45	80	177
\$5,000 to \$9,999		1 862	635	29	55	46	92	172	241
\$10,000 to \$19,999		1 190	603	21	57	59	114	204	148
\$20,000 to \$49,999		1 166	824	29	104	120	193	248	130
\$50,000 to \$99,999		452	401	1	45	69	105	111	70
\$100,000 to \$199,999		152	144	—	25	29	28	40	22
\$200,000 to \$499,999		44	40	—	1	5	10	20	4
\$500,000 or more		5	5	—	—	—	2	2	1

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	3 149	1 991	29	200	244	410	621	487
Motortrucks, including pickups	farms	4 356	2 847	57	311	343	604	851	681
Wheel tractors	farms	4 848	2 713	84	307	369	531	793	629
2 or 3	farms	9 838	6 608	173	703	947	1 475	2 056	1 254
4 or more	farms	10 818	7 008	169	844	846	1 551	2 155	1 443
Automobiles	number	2 051	1 123	23	140	123	225	317	295
Motortrucks, including pickups	number	4 789	2 706	60	336	310	565	746	689
Wheel tractors	number	857	725	16	91	93	178	236	111
2 or 3	number	4 204	3 619	74	457	468	882	1 210	528
4 or more	number	—	—	—	—	—	—	—	—
Grain and bean combines, self-propelled only	farms	32	26	—	1	—	5	13	7
Grain and bean combines, self-propelled only	number	46	40	—	(D)	—	(D)	27	7
Cornpickers, corn heads, and picker-shellers	farms	188	135	14	29	27	13	25	27
Corn heads for combines	farms	214	154	16	30	28	18	35	27
Other cornpickers and picker-shellers	farms	106	82	9	20	19	8	14	12
Other cornpickers and picker-shellers	number	112	87	9	21	19	9	17	12
Cottonpickers	farms	97	62	6	9	9	8	15	15
Cottonpickers	number	102	67	7	9	9	9	18	15
Mower conditioners	farms	—	—	—	—	—	—	—	—
Mower conditioners	number	—	—	—	—	—	—	—	—
Pickup balers	farms	1 423	961	18	136	145	205	275	182
Pickup balers	number	1 554	1 034	20	140	155	219	305	195
Field forage harvesters, shear bar or flywheel type	farms	1 761	1 067	25	133	122	204	323	260
Field forage harvesters, shear bar or flywheel type	number	1 880	1 130	25	148	128	229	335	265
1 711	868	26	89	162	162	226	280	85	—

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	4 509	2 527	59	273	323	504	748	620
Agricultural chemicals, including commercial fertilizer and lime	\$1,000	11 257	9 813	176	1 133	1 417	2 327	3 214	1 546
Commercial fertilizer	farms	3 808	2 282	50	242	295	453	698	544
Lime	farms	153 311	130 753	3 475	16 548	19 188	34 333	37 848	19 361
Lime	acres on which used	1 864	1 173	39	140	161	271	335	227
Commercial fertilizer	acres on which used	41 304	34 211	934	3 190	4 855	12 102	9 345	3 785
Commercial fertilizer	tons	65 084	54 066	1 354	5 563	7 906	17 678	14 984	6 581
Insects on hay and other crops	farms	1 791	1 072	13	155	131	195	333	245
Insects on hay and other crops	acres on which used	41 911	34 643	524	4 321	4 918	7 837	11 470	5 573
Nematodes in crops	farms	205	137	10	21	19	31	29	27
Diseases in crops and orchards	farms	4 850	4 551	250	775	1 113	589	1 436	388
Weeds, grass, or brush in crops and pasture	farms	1 108	707	8	84	71	139	204	201
Weeds, grass, or brush in crops and pasture	acres on which used	22 791	19 187	199	1 783	1 937	3 927	6 111	5 230
Sanitation and rodent and bird control	farms	1 753	1 228	39	172	182	257	348	230
Sanitation and rodent and bird control	acres on which used	58 648	49 997	1 198	5 959	8 199	15 018	13 172	6 451

CHEMICALS FOR

Defoliation or for growth control of crops, or thinning of fruit	farms	209	151	—	15	20	37	43	36
Defoliation or for growth control of crops, or thinning of fruit	acres on which used	6 352	6 154	—	984	606	1 415	1 647	1 502
Insect control on livestock and poultry	farms	1 318	775	21	119	132	170	213	120
Insect control on livestock and poultry	acres on which used	1 152	679	18	87	89	136	191	158

LIVESTOCK

Cattle and calves inventory	farms	2 584	1 387	28	140	189	305	413	312
Cattle and calves inventory	number	100 909	86 708	1 065	9 596	13 911	23 183	26 828	12 125
Farms with—									
1 to 9		1 039	266	3	25	31	48	63	96
10 to 49		885	500	18	47	51	94	153	137
50 to 99		378	351	6	36	60	83	117	49
100 to 199		215	204	1	23	35	62	59	24
200 to 499		62	61	—	9	12	17	17	6
500 or more		5	5	—	—	—	1	4	—
Cows and heifers that had calved	farms	2 235	1 265	26	131	180	282	365	281
Cows and heifers that had calved	number	59 735	52 433	767	5 740	8 986	13 773	16 050	7 117
Beef cows	farms	1 298	473	14	41	66	109	140	103
Beef cows	number	10 200	5 316	292	328	594	1 368	1 808	926
Farms with—									
1 to 9		1 005	326	2	28	51	80	92	73
10 to 49		279	136	12	13	12	22	48	29
50 to 99		10	9	—	—	3	5	—	1
100 to 199		3	1	—	—	—	1	—	—
200 to 499		1	1	—	—	—	1	—	—
500 or more		—	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment farms \$1,000	2 790 31 600	45 518	270 3 314	782 7 755	730 9 126	676 8 052	287 2 835		
Farms by value group:									
\$1 to \$4,999	571	4	49	173	154	133	58		
\$5,000 to \$9,999	1 227	25	147	344	320	237	154		
\$10,000 to \$19,999	587	6	48	172	134	185	42		
\$20,000 to \$49,999	342	10	20	79	100	106	27		
\$50,000 to \$99,999	51	—	—	14	17	14	6		
\$100,000 to \$199,999	8	—	6	—	2	—	—		
\$200,000 to \$499,999	4	—	—	—	3	1	—		
\$500,000 or more	—	—	—	—	—	—	—		
SELECTED MACHINERY AND EQUIPMENT¹									
Automobiles farms number	1 158 1 509	12 16	80 90	224 281	314 425	389 514	139 183		
Motortrucks, including pickups farms number	2 135 3 230	39 53	200 299	686 1 019	533 838	455 715	306 306		
Wheel tractors farms number	2 202 3 810	28 65	189 321	610 955	587 1 079	546 972	242 418		
2 or 3 farms number	928 2 083	15 34	66 158	203 474	295 659	247 551	102 207		
4 or more farms number	132 585	6 24	12 52	17 91	37 165	37 159	23 94		
Grain and bean combines, self-propelled only farms number	6 6	— —	— —	6 6	— —	— —	— —		
Cornpickers, corn heads, and picker-shellers farms number	53 60	— —	5 5	13 13	26 30	6 9	3 3		
Corn heads for combines farms number	24 25	— —	— —	3 3	13 13	6 (D)	2 (D)		
Other cornpickers and picker-shellers farms number	35 35	— —	5 5	10 10	17 17	2 (D)	1 (D)		
Cottonpickers farms number	— —	— —	— —	— —	— —	— —	— —		
Mower conditioners farms number	462 520	17 17	25 25	122 126	138 147	124 136	36 69		
Pickup balers farms number	694 750	10 16	55 60	202 202	192 204	171 174	64 94		
Field forage harvesters, shear bar or flywheel type farms number	293 303	— —	37 38	81 86	87 89	69 69	19 21		
AGRICULTURAL CHEMICALS¹									
Agricultural chemicals, including commercial fertilizer and lime farms \$1,000	1 982 1 444	10 21	174 113	537 333	568 508	500 350	193 118		
Commercial fertilizer farms acres on which used	1 526 22 558	10 410	150 1 685	369 5 330	430 8 077	389 4 958	178 2 098		
Lime farms acres on which used tons	691 7 093	— —	61 514	246 2 045	164 1 747	157 1 907	63 880		
11 018	—	—	951	3 719	2 886	2 419	1 043		
Sprays, dusts, granules, fumigants, etc. to control— Insects on hay and other crops farms acres on which used	719 7 268	4 140	46 487	257 2 218	138 2 118	196 1 565	78 740		
Nematodes in crops farms acres on which used	68 299	— —	15 52	12 80	11 108	9 27	21 32		
Diseases in crops and orchards farms acres on which used	401 3 604	4 140	40 139	85 655	106 752	114 1 698	52 220		
Weeds, grass, or brush in crops and pasture farms acres on which used	525 8 651	4 140	41 218	125 1 616	131 3 533	170 2 216	54 928		
Chemicals for— Defoliation or for growth control of crops, or thinning of fruit farms acres on which used	58 198	— —	— —	28 63	9 52	10 68	11 15		
Insect control on livestock and poultry farms	543	—	21	253	117	107	45		
Sanitation and rodent and bird control farms	473	—	23	143	154	113	40		
LIVESTOCK									
Cattle and calves inventory farms number	1 197 14 201	16 204	115 1 021	413 4 199	315 3 771	238 3 077	100 1 929		
Farms with—									
1 to 9	773	6	81	296	207	141	42		
10 to 49	385	10	33	109	94	86	53		
50 to 99	27	—	1	6	10	7	3		
100 to 199	11	—	—	2	4	4	1		
200 to 499	1	—	—	—	—	—	1		
500 or more	—	—	—	—	—	—	—		
Cows and heifers that had calved farms number	970 7 302	12 102	74 414	368 2 307	259 1 894	177 1 563	80 1 022		
Beef cows farms number	825 4 884	10 78	63 335	336 1 853	224 1 180	131 743	61 695		
Farms with—									
1 to 9	679	6	49	292	190	111	31		
10 to 49	143	4	14	42	34	20	29		
50 to 99	1	—	—	1	—	—	—		
100 to 199	2	—	—	1	—	—	1		
200 to 499	—	—	—	—	—	—	—		
500 or more	—	—	—	—	—	—	—		

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Farming								
		Age of operator						65 years and over		
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
LIVESTOCK—Con.										
Cattle and calves inventory—Con.										
Cows and heifers that had calved—Con.										
Milk cows	farms number	1 343 49 535	970 47 117	14 475	109 5 412	158 8 392	218 12 405	266 14 242	205 6 191	
Farms with—										
1 to 4		481	178	3	21	31	22	23	78	
5 to 9		41	24	—	2	2	5	7	8	
10 to 49		448	408	8	41	62	93	129	75	
50 to 99		263	254	3	33	38	69	77	34	
100 to 199		87	83	—	8	21	23	24	7	
200 to 499		22	22	—	4	4	5	6	3	
500 or more		1	1	—	—	—	1	—	—	
Heifers and heifer calves	farms number	1 846 32 421	1 102 27 985	18 239	116 3 428	153 4 336	241 7 171	328 8 722	246 4 089	
Steers, steer calves, bulls, and bull calves	farms number	1 530 8 753	821 6 290	18 59	85 428	117 589	184 2 239	245 2 056	172 919	
Cattle and calves sold	farms number	2 047 53 283	1 268 46 667	26 487	128 4 588	176 6 907	270 12 721	383 15 051	285 6 913	
Calves	farms number	1 490 29 872	1 024 27 126	23 220	935 2 930	1 511 4 004	3 175 6 834	3 161 9 283	218 3 855	
Cattle	farms number	2 486 23 411	2 179 19 541	29 13	191 108	302 164	457 247	947 342	254 213	
Fattened on grain and concentrates	farms number	318 1 011	135 8 389	1 98	14 743	18 1 210	28 2 719	32 2 214	42 1 406	
Hogs and pigs inventory	farms number	902 59 452	355 48 458	17 4 874	42 6 925	53 3 997	81 12 214	87 16 007	75 4 441	
Farms with—										
1 to 9		607	183	6	25	32	44	35	41	
10 to 49		126	50	1	6	3	12	10	18	
50 to 99		52	32	8	3	2	6	12	1	
100 to 199		39	32	1	2	9	6	7	7	
200 to 499		49	31	—	2	6	4	13	6	
500 or more		29	27	1	4	1	9	10	2	
Used or to be used for breeding	farms number	360 7 416	190 5 869	13 410	22 904	25 385	42 1 478	48 2 068	40 624	
Other	farms number	854 52 036	333 42 589	17 4 464	36 6 021	49 3 612	75 10 736	85 13 939	71 3 817	
Hogs and pigs sold	farms number	545 66 497	252 54 656	13 5 377	27 7 053	32 5 413	58 16 159	63 15 274	59 5 380	
Feeder pigs sold	farms number	5 611 14 385	4 824 10 166	530 1 200	609 923	380 1 856	1 445 3 037	1 450 1 775	410 1 375	
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	farms number	402 9 069	200 7 458	13 483	22 1 143	27 555	45 2 083	49 2 269	44 925	
Dec. 1 and May 31	farms number	347 4 609	168 3 673	12 99	18 604	26 283	40 1 060	38 1 062	34 565	
June 1 and Nov. 30	farms number	299 4 460	172 3 785	13 384	18 539	24 272	38 1 023	45 1 207	34 360	
Sheep and lambs of all ages inventory	farms number	411 6 906	127 2 935	5 91	12 184	14 148	30 1 036	24 435	42 1 041	
Ewes 1 year old or older	farms number	349 4 710	98 1 971	3 52	11 129	11 92	20 761	18 295	35 642	
Sheep and lambs sold	farms number	287 4 066	94 1 631	3 35	9 145	8 81	16 463	21 284	37 623	
Sheep and lambs shorn	farms number	308 5 822	96 2 438	4 64	8 229	11 115	17 800	19 347	37 883	
	pounds of wool	39 697	16 167	680	1 007	948	4 628	2 920	5 984	
Horses and ponies inventory	farms number	1 382 8 049	465 3 508	11 20	50 449	70 348	108 556	103 567	123 1 568	
Horses and ponies sold	farms number	396 1 213	108 521	10 14	15 54	14 108	16 46	25 102	28 197	
Goats inventory	farms number	1 639 1 778	424 287	3 2	66 5	85 14	66 13	59 6	145 12	
Goats sold	farms number	97 1 121	23 211	1 (D)	2 (D)	6 41	6 69	3 32	5 24	
POULTRY										
Chickens 3 months old or older inventory	farms number	935 1 498 358	404 1 343 094	16 45 291	36 46 538	58 214 214	83 524 516	106 463 042	105 49 493	
Farms with—										
1 to 399		810	292	6	29	45	59	65	88	
400 to 3,199		65	55	—	3	5	10	22	15	
3,200 to 9,999		27	26	10	2	1	2	10	1	
10,000 to 19,999		14	14	—	2	2	7	3	—	
20,000 to 49,999		12	12	—	—	4	3	4	1	
50,000 to 99,999		5	3	—	—	1	1	1	—	
100,000 or more		2	2	—	—	—	—	1	—	
Hens and pullets of laying age	farms number	915 1 302 380	399 1 168 174	16 33 291	35 41 588	56 189 444	81 482 799	106 381 614	105 39 438	
Pullets 3 months old or older not of laying age	farms number	228 195 978	53 174 920	8 12 000	4 4 950	11 24 770	13 41 717	13 81 428	4 10 055	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows	373 number	5 2 418	23 24	134 454	113 714	70 820	28 327
Farms with—							
1 to 4	303	3	19	122	93	51	15
5 to 9	17	1	2	1	7	5	1
10 to 49	40	1	2	10	9	7	11
50 to 99	9	—	—	1	3	4	—
100 to 199	4	—	—	—	1	3	—
200 to 499	—	—	—	—	—	—	—
500 or more	—	—	—	+	—	—	—
Heifers and heifer calves	744 number	13 4 436	56 357	256 1 283	205 1 172	147 968	67 586
Steers, steer calves, bulls, and bull calves	709 number	11 32	91 250	169 609	205 705	167 546	66 321
Cattle and calves sold	779 number	14 6 616	74 475	219 2 006	224 1 892	167 1 377	81 728
Calves	466 number	8 2 746	39 51	147 172	139 834	369 782	254 632
Cattle	664 number	14 3 870	65 303	185 1 172	195 1 110	136 745	69 453
Fattened on grain and concentrates	183 number	3 755	22 53	56 253	50 189	40 146	12 77
Hogs and pigs inventory	547 number	8 10 994	71 131	256 3 225	126 3 222	59 2 736	27 1 014
Farms with—							
1 to 9	424	4	43	228	90	40	19
10 to 49	76	4	15	18	22	13	4
50 to 99	20	—	2	4	7	4	3
100 to 199	7	—	1	2	3	1	—
200 to 499	18	—	10	3	3	1	1
500 or more	2	—	—	1	1	—	—
Used or to be used for breeding	170 number	3 1 547	46 425	55 360	36 484	21 130	9 131
Other	521 number	7 9 447	62 114	252 2 800	120 2 862	53 2 252	27 884
Hogs and pigs sold	293 number	7 11 841	53 226	106 2 474	80 3 639	35 3 572	12 1 129
Feeder pigs sold	787 number	13 4 219	155 129	231 776	273 1 424	79 986	36 322
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	202 number	4 1 611	47 473	73 389	46 456	23 125	9 152
Dec. 1 and May 31	179 number	4 936	40 (D)	69 211	40 231	18 75	8 77
June 1 and Nov. 30	127 number	2 675	24 (D)	56 178	23 225	14 50	8 75
Sheep and lambs of all ages inventory	284 number	5 3 971	25 70	100 164	75 1 313	53 1 062	26 1 059
Ewes 1 year old or older	251 number	5 2 739	19 48	85 104	70 983	51 674	21 755
Sheep and lambs sold	193 number	2 2 435	10 (D)	60 (D)	70 816	38 703	13 652
Sheep and lambs shorn	212 pounds of wool	4 3 384	15 30	64 117	46 1 127	46 1 036	15 915
Horses and ponies inventory	917 number	19 4 541	106 543	342 1 261	230 1 567	161 789	59 314
Horses and ponies sold	288 number	10 692	37 19	126 103	64 260	40 158	11 128
Goats inventory	170 number	12 1 215	300 300	403 403	321 321	139 139	40 40
Goats sold	74 number	— 1 491	170 170	690 690	382 382	205 205	44 44
Poultry							
Chickens 3 months old or older inventory	531 number	3 155 264	62 269	232 6 227	112 12 499	86 124 321	36 10 332
Farms with—							
1 to 399	518	3	60	231	110	78	36
400 to 3,199	10	—	1	1	—	8	—
3,200 to 9,999	1	—	1	—	—	—	—
10,000 to 19,999	—	—	—	—	—	—	—
20,000 to 49,999	—	—	—	—	—	—	—
50,000 to 99,999	2	—	—	—	2	—	—
100,000 or more	—	—	—	—	—	—	—
Hens and pullets of laying age	516 number	3 134 206	60 (D)	230 (D)	109 9 931	79 106 858	35 9 914
Pullets 3 months old or older not of laying age	175 number	2 21 058	7 (D)	123 (D)	27 2 568	12 17 463	4 418

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Total	Forming						65 years and over	
			Age of operator							
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
POULTRY—Con.										
Chickens 3 months old or older sold	farms number	269	164	13	16	19	30	52	34	
Broilers and other meat-type chickens sold	farms number	1 085 843	924 183	35 830	27 178	153 133	309 226	338 701	60 115	
Farms with—										
1 to 1,999		41	10	1	—	—	2	5	2	
2,000 to 59,999		6	6	—	1	1	—	3	1	
60,000 to 99,999		—	—	—	—	—	—	—	—	
100,000 or more		—	—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	19	11	—	1	—	5	3	2	
Turkeys sold	farms number	1 661	1 620	—	(D)	—	958	653	(D)	
		67	35	—	5	2	12	11	5	
		137 213	132 184	—	(D)	(D)	71 155	48 056	6 523	
CROPS HARVESTED										
Corn for all purposes	farms acres	1 136	827	14	88	7 137	12 192	11 269	127	
Tobacco	farms acres	43 535	39 857	351	4 565	7 548	12 364	11 162	3 867	
Irrigated	farms acres	44	39	1	4	1	8	19	6	
	pounds	1 078	1 068	(D)	(D)	(D)	139	792	55	
	farms acres	1 536 802	1 517 302	(D)	(D)	(D)	203 449	1 070 994	110 333	
Farms by acres harvested:										
0.1 to 4.9 acres		18	14	—	1	—	5	5	3	
5.0 to 24.9 acres		16	15	1	2	1	2	6	3	
25.0 acres or more		10	10	—	1	—	1	8	—	
Irish potatoes	farms acres	185	116	2	7	14	19	47	27	
	hundredweight	3 501	3 264	(D)	(D)	807	425	1 408	552	
	farms acres	748 993	705 931	(D)	(D)	165 920	114 850	283 373	126 820	
Irrigated	farms acres	24	19	—	2	5	3	8	1	
		178	172	—	(D)	44	4	119	(D)	
Farms by acres harvested:										
0.1 to 0.9 acres		52	26	—	1	3	5	8	9	
1.0 to 4.9 acres		75	37	1	3	3	6	15	9	
5.0 to 24.9 acres		33	29	1	2	3	6	13	4	
25.0 to 99.9 acres		18	18	—	1	4	1	9	3	
100.0 acres or more		7	6	—	—	1	1	2	2	
Hay crops (see text)	farms acres	3 063	1 564	24	151	206	318	450	415	
	tons, dry	131 234	92 958	956	10 984	14 251	21 152	25 685	19 930	
Irrigated	farms acres	258 428	198 066	2 230	26 081	33 676	44 228	52 875	38 976	
		15	9	—	—	2	4	3	—	
Farms by acres harvested:										
1 to 24 acres		1 334	457	12	35	50	89	124	147	
25 to 99 acres		1 413	833	10	76	111	166	253	217	
100 to 499 acres		312	270	2	39	44	62	72	51	
500 acres or more		4	4	—	1	1	1	1	—	
Alfalfa hay	farms acres	1 070	652	9	61	109	144	192	137	
	tons, dry	26 582	20 267	147	1 669	3 471	4 675	6 336	3 969	
Irrigated	farms acres	66 706	53 547	438	5 158	10 579	12 257	14 598	10 517	
		151	7	—	—	2	1	1	—	
All vegetables harvested for sale (see text)	farms acres	1 086	683	4	66	83	128	219	183	
	tons, dry	15 172	12 740	42	1 222	2 156	3 168	4 499	1 654	
Irrigated	farms acres	327	224	—	15	42	57	70	40	
		4 490	3 953	—	105	834	1 264	1 357	394	
Farms by acres harvested:										
0.1 to 4.9 acres		472	238	2	20	27	43	50	96	
5.0 to 24.9 acres		448	293	1	33	33	42	114	70	
25.0 to 99.9 acres		145	132	1	12	19	37	47	16	
100.0 acres or more		21	20	—	1	4	6	8	1	
Land in orchards	farms acres	508	258	3	23	24	52	60	96	
	acres	8 475	6 696	9	810	790	1 220	1 502	2 365	
Irrigated	farms acres	38	18	—	1	3	5	6	3	
		119	88	—	(D)	(D)	16	52	3	
Farms by acres in orchards:										
0.1 to 4.9 acres		266	108	2	8	9	22	22	45	
5.0 to 24.9 acres		149	73	1	5	5	13	16	33	
25.0 to 99.9 acres		75	61	—	7	8	15	20	11	
100.0 acres or more		18	16	—	3	2	2	2	7	
Apples	farms total acres pounds	445	214	3	20	22	41	57	71	
		7 623	6 140	9	758	722	1 140	1 338	2 175	
		91 420 913	79 646 055	74 400	8 647 545	9 027 634	14 955 405	17 151 945	29 789 126	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
POULTRY—Con.									
Chickens 3 months old or older sold	farms number	105 161 660	2 (D)	10 33 568	30 17 380	12 103 734	23 6 190	28 (D) 9	
Broilers and other meat-type chickens sold	farms number	31 3 533	— —	4 93	11 936	4 58	3 1 802	644	
Farms with—									
1 to 1,999		31	—	4	11	4	3	9	
2,000 to 59,999		—	—	—	—	—	—	—	
60,000 to 99,999		—	—	—	—	—	—	—	
100,000 or more		—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	8 41	— (D)	2 (D)	2 (D)	2 (D)	2 (D)	—	
Turkeys sold	farms number	32 5 029	1 (D)	5 (D)	7 4 103	5 48	5 227	9 552	
CROPS HARVESTED									
Corn for all purposes	farms acres	309 3 678	2 (D)	25 (D)	87 731	100 1 267	76 1 037	19 346	
Tobacco	farms acres	5 10	— (D)	1 (D)	1 (D)	— (D)	2 (D)	1 (D)	
Irrigated	farms acres	19 500 2 2	— —	1 1	— —	— —	— —	— 1	
Farms by acres harvested:									
0.1 to 4.9 acres		4	—	1	1	—	1	1	
5.0 to 24.9 acres		1	—	—	—	—	1	—	
25.0 acres or more		—	—	—	—	—	—	—	
Irish potatoes	farms acres	69 238	— (D)	4 12	33 36	4 162	21 20	7 8	
Irrigated	farms acres	43 062 5 6	— (D)	1 320 3	2 408 —	35 120 —	3 607 2	607 —	
Farms by acres harvested:									
0.1 to 0.9 acres		26	—	2	5	1	15	3	
1.0 to 4.9 acres		38	—	1	27	1	5	4	
5.0 to 24.9 acres		4	—	1	1	1	1	—	
25.0 to 99.9 acres		—	—	—	—	—	—	—	
100.0 acres or more		1	—	—	—	1	—	—	
Hay crops (see text)	farms acres	1 499 38 276	19 621	120 3 847	442 10 635	398 9 174	341 9 017	179 4 982	
Irrigated	farms acres	60 362 6 58	1 129 —	4 816 —	15 997 1	13 874 874	17 058 17 058	7 488 7 488	
Farms by acres harvested:									
1 to 24 acres		877	4	67	290	237	187	92	
25 to 99 acres		580	15	47	135	154	149	80	
100 to 499 acres		42	—	6	17	7	5	7	
500 acres or more		—	—	—	—	—	—	—	
Alfalfa hay	farms acres	418 6 315	6 52	43 537	122 2 067	120 1 530	83 1 522	44 607	
Irrigated	farms acres	13 159 3 24	1 029 —	3 644 —	3 464 3	3 521 —	1 363 —		
All vegetables harvested for sale (see text)	farms acres	403 2 432	7 80	44 297	64 373	106 783	135 662	47 237	
Irrigated	farms acres	103 537	— —	5 21	16 128	29 124	39 219	14 46	
Farms by acres harvested:									
0.1 to 4.9 acres		234	4	27	40	60	75	28	
5.0 to 24.9 acres		155	2	14	22	41	59	17	
25.0 to 99.9 acres		13	1	3	2	4	1	2	
100.0 acres or more		1	—	—	—	1	—	—	
Land in orchards	farms acres	250 1 779	1 (D)	22 (D)	54 392	75 486	62 519	36 225	
Irrigated	farms acres	20 31	— —	— (D)	7 (D)	2 (D)	3 8	8 12	
Farms by acres in orchards:									
0.1 to 4.9 acres		158	1	16	36	50	33	22	
5.0 to 24.9 acres		76	—	5	15	22	21	13	
25.0 to 99.9 acres		14	—	—	2	3	8	1	
100.0 acres or more		2	—	1	1	—	—	—	
Apples	farms total acres pounds	231 1 483 11 774 858	1 (D)	20 1 417 100	50 2 642 195	72 4 566 488	56 4 566 488	32 407 2 709 305	

*1978 data are based on a sample of farms; see text.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000

Total farming and other occupations	Total	Farming						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS AND LAND IN FARMS									
Farms	number	4 131	1 501	20	126	165	216	402	572
percent		100.0	36.3	0.4	3.0	3.9	5.2	9.7	13.8
Land in farms	acres	309 507	130 884	1 259	8 424	9 119	20 045	44 688	47 349
Average size of farm	acres	75	87	63	67	55	93	111	83
Value of land and buildings ¹	farms	4 080	1 457	30	157	150	197	387	536
Average per farm	dollars	452 928	168 020	2 960	26 625	15 617	20 649	45 793	56 377
Average per acre	dollars	111 011	115 319	98 655	169 583	104 114	104 817	118 327	105 181
		1 485	1 388	1 592	1 937	2 760	1 191	1 153	1 318
F FARMS BY VALUE OF LAND AND BUILDINGS:									
\$1 to \$19,999		390	151	6	10	13	23	36	63
\$20,000 to \$39,999		556	230	2	25	23	28	55	97
\$40,000 to \$69,999		925	281	—	34	22	32	73	120
\$70,000 to \$99,999		755	193	8	17	36	16	47	69
\$100,000 to \$149,999		582	218	5	29	24	44	52	64
\$150,000 to \$199,999		311	147	8	1	6	29	71	32
\$200,000 to \$499,999		475	210	1	25	25	23	50	86
\$500,000 to \$999,999		65	19	—	11	—	2	1	5
\$1,000,000 or more		21	8	—	5	1	—	2	—
F OWNED AND RENTED LAND BY OPERATOR:									
Land owned	farms	3 909	1 411	14	93	150	203	396	555
acres		266 152	108 978	1 067	5 647	6 495	17 703	34 559	43 507
Land rented or leased from others	farms	1 083	407	11	71	57	57	106	105
acres		51 792	25 918	192	3 664	2 760	3 288	11 054	4 960
Land rented or leased to others	farms	306	108	—	3	6	20	20	59
acres		8 437	4 012	—	887	136	946	925	1 118
F LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	3 852	1 427	18	118	158	205	385	543
acres		126 358	57 094	590	4 198	4 467	8 885	20 648	18 306
Harvested cropland	farms	3 490	1 335	17	108	146	192	365	507
acres		73 825	33 886	368	2 871	3 144	4 964	11 525	11 014
Farms by acres harvested:									
1 to 9 acres		1 423	531	5	43	79	75	111	218
10 to 29 acres		1 126	380	10	31	31	53	112	143
30 to 49 acres		578	211	1	14	13	35	64	84
50 to 99 acres		272	151	—	16	19	23	41	52
100 to 199 acres		82	56	1	3	2	5	36	9
200 to 499 acres		9	6	—	1	2	1	1	1
500 acres or more		—	—	—	—	—	—	—	—
Cropland:									
Pasture or grazing only	farms	1 807	557	8	51	53	83	169	193
acres		41 215	19 383	153	1 048	1 058	3 048	8 393	5 683
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	229	88	3	11	15	10	19	30
acres		1 662	707	14	103	88	133	154	215
On which all crops failed	farms	86	35	3	7	—	3	10	12
acres		381	130	(D)	20	—	(D)	48	38
In cultivated summer fallow	farms	66	39	1	4	4	2	19	9
acres		408	311	(D)	70	52	(D)	103	33
Idle	farms	555	188	1	13	14	29	37	94
acres		8 867	2 677	(D)	86	125	(D)	425	1 323
Total woodland	farms	2 488	861	10	53	74	128	263	333
acres		142 505	56 671	519	3 317	3 210	8 178	19 415	22 032
Woodland pastured	farms	643	230	2	16	16	40	63	93
acres		17 480	7 677	(D)	(D)	291	2 054	1 524	3 548
Woodland not pastured	farms	2 188	748	9	47	68	111	233	280
acres		125 025	48 994	(D)	(D)	2 919	6 124	17 891	18 484
Pastureland and rangeland other than cropland and woodland pastured	farms	437	189	5	13	15	25	54	77
acres		14 319	6 749	38	193	459	1 829	1 174	3 056
Land in house lots, ponds, roads, wasteland, etc.	farms	2 820	967	16	68	111	130	265	377
acres		26 325	10 370	112	716	983	1 153	3 451	3 955
Pastureland, all types	farms	2 272	735	11	60	66	115	217	266
acres		73 014	33 809	232	1 460	1 808	6 931	11 091	12 287
Irrigated land	farms	550	268	5	25	39	49	68	82
acres		2 646	1 496	29	129	203	281	459	395
Harvested cropland irrigated	farms	545	264	5	25	37	49	68	80
acres		2 524	1 410	(D)	(D)	(D)	(D)	432	377
Pastureland irrigated	farms	9	7	—	2	2	—	3	2
acres		84	(D)	—	(D)	(D)	—	27	(D)
Other land irrigated	farms	11	6	1	1	—	1	—	3
acres		38	(D)	(D)	(D)	(D)	—	(D)	(D)
Land set aside in the federal farm programs in 1978	farms	25	11	—	2	1	2	4	2
acres		479	296	—	(D)	(D)	(D)	49	(D)
RACE AND TENURE OF OPERATOR									
All operators	number	4 131	1 501	20	126	165	216	402	572
Full owners	number	3 051	1 096	9	55	108	160	296	468
Part owners	number	857	315	5	38	42	43	100	87
Tenants	number	223	90	6	33	15	13	6	17
White	number	4 106	1 486	20	126	157	215	399	569
Full owners	number	3 031	1 082	9	55	101	159	293	465
Part owners	number	852	314	5	38	41	43	100	87
Tenants	number	223	90	6	33	15	13	6	17
Black and other races	number	25	15	—	—	8	1	3	3
Full owners	number	20	14	—	—	7	1	3	3
Part owners	number	5	1	—	—	1	—	—	—
Tenants	number	—	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

Farms With Sales of Less Than \$20,000

	Total	Other occupations						
		Age of operator						
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
F FARMS AND LAND IN FARMS								
Farms	number	2 630	43	270	724	673	623	297
percent		63.6	1.0	6.5	17.5	16.2	15.0	7.1
Land in farms	acres	178 623	1 954	15 003	42 125	44 207	52 195	23 139
Average size of farm	acres	68	45	56	58	66	84	78
Value of land and buildings ¹	farms	2 623	45	262	730	686	629	271
\$1,000		284 907	3 820	23 899	89 968	74 854	61 445	30 922
Average per farm	dollars	108 618	84 883	91 215	123 243	109 116	97 686	114 103
Average per acre	dollars	1 549	2 350	1 854	2 003	1 432	1 095	1 919
Farms by value of land and buildings:								
\$1 to \$19,999		239	2	38	49	44	91	15
\$20,000 to \$39,999		326	8	21	72	60	90	75
\$40,000 to \$69,999		644	21	85	158	200	117	63
\$70,000 to \$99,999		562	4	50	221	186	60	41
\$100,000 to \$149,999		364	—	30	82	63	160	29
\$150,000 to \$199,999		164	—	6	47	46	52	13
\$200,000 to \$499,999		265	10	32	85	71	46	21
\$500,000 to \$999,999		46	—	—	11	10	13	12
\$1,000,000 or more		13	—	—	5	6	—	2
Owned and rented land by operator:								
Land owned	farms	2 498	22	237	682	653	611	293
acres		157 174	855	10 125	32 659	39 916	51 275	22 344
Land rented or leased from others	farms	676	24	113	205	181	112	41
acres		25 874	1 099	5 024	10 017	5 396	2 958	1 380
Land rented or leased to others	farms	198	—	9	39	38	95	17
acres		4 425	—	146	551	1 105	2 038	585
L LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	2 425	36	238	662	637	574	278
acres		69 264	957	5 914	19 111	16 949	16 899	9 434
Harvested cropland	farms	2 155	28	181	585	569	533	259
acres		39 939	714	3 309	10 784	10 024	9 784	5 324
Farms by acres harvested:								
1 to 9 acres		892	8	78	216	249	241	100
10 to 29 acres		746	7	58	262	183	157	79
30 to 49 acres		367	12	27	67	107	93	61
50 to 99 acres		121	1	15	27	25	40	13
100 to 199 acres		26	—	3	13	4	2	4
200 to 499 acres		3	—	—	—	1	—	2
500 acres or more		—	—	—	—	—	—	—
Cropland:								
Pasture or grazing only	farms	1 250	21	111	413	367	229	109
acres		21 832	161	1 874	5 336	5 964	5 499	2 998
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	141	1	17	50	30	30	13
acres		955	(D)	(D)	345	204	217	(D)
On which all crops failed	farms	51	—	4	19	9	15	4
acres		251	—	5	116	43	67	20
In cultivated summer fallow	farms	27	1	4	6	7	8	1
acres		97	(D)	(D)	9	36	32	(D)
Idle	farms	367	5	71	75	68	95	53
acres		6 190	79	601	2 521	678	1 300	1 011
Total woodland	farms	1 627	13	149	466	418	382	199
acres		85 834	750	6 284	18 540	21 547	27 382	11 331
Woodland pastured	farms	413	5	38	102	147	83	38
acres		9 803	108	958	1 828	3 043	2 170	1 696
Woodland not pastured	farms	1 440	12	125	418	355	344	186
acres		76 031	642	5 326	16 712	18 504	25 212	9 635
Pastureland and rangeland other than cropland and woodland pastured	farms	248	5	28	39	63	77	36
acres		7 570	44	1 774	835	1 773	2 380	764
Land in house lots, ponds, roads, wasteland, etc.	farms	1 853	15	162	555	493	419	209
acres		15 955	203	1 031	3 639	3 938	5 534	1 610
Pastureland, all types	farms	1 537	25	153	488	420	299	152
acres		39 205	313	4 606	7 999	10 780	10 049	5 458
Irrigated land	farms	282	—	23	74	56	92	37
acres		1 150	—	117	259	248	401	125
Harvested cropland irrigated	farms	281	—	23	74	56	91	37
acres		1 114	—	117	255	(D)	(D)	125
Pastureland irrigated	farms	2	—	—	—	1	1	—
acres		(D)	—	—	—	(D)	(D)	—
Other land irrigated	farms	5	—	—	4	—	1	—
acres		(D)	—	—	4	—	(D)	—
Land set aside in the federal farm programs in 1978	farms	14	—	4	5	1	3	1
acres		183	—	56	67	(D)	(D)	—
RACE AND TENURE OF OPERATOR								
All operators	number	2 630	43	270	724	673	623	297
Full owners	number	1 955	19	157	519	493	511	256
Part owners	number	542	3	80	163	159	100	37
Tenants	number	133	21	33	42	21	12	4
White	number	2 620	43	267	722	669	622	297
Full owners	number	1 949	19	156	518	490	510	256
Part owners	number	538	3	78	162	158	100	37
Tenants	number	133	21	33	42	21	12	4
Black and other races	number	10	—	3	2	4	1	—
Full owners	number	6	—	1	1	3	1	—
Part owners	number	4	—	2	1	—	—	—
Tenants	number	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]									
Farms With Sales of Less Than \$20,000	Total farming and other occupations	Forming							
		Total	Age of operator						65 years and over
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms	3 787	1 326	17	107	143	183	352	524
	acres	270 506	112 281	1 171	6 775	8 114	16 559	37 210	42 452
Partnership	farms	236	117	3	11	10	16	37	40
	acres	22 979	12 116	88	1 003	380	1 320	4 802	4 523
Corporations:									
Family held	farms	74	43	—	5	10	15	7	6
	acres	3 499	(D)	—	457	(D)	(D)	(D)	(D)
More than 10 stockholders	farms	2	1	—	—	—	1	—	—
10 or less stockholders	farms	72	42	—	5	10	14	7	6
Other than family held	farms	4	3	—	—	—	1	2	—
	acres	40	(D)	—	—	—	(D)	(D)	—
More than 10 stockholders	farms	—	—	—	—	—	—	—	—
10 or less stockholders	farms	4	3	—	—	—	1	2	—
Other—cooperative, estate or trust, etc.	farms	30	12	—	3	2	1	4	2
	acres	12 483	4 877	—	189	(D)	(D)	2 331	(D)
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		3 422	1 234	11	87	122	175	333	506
Not on farm operated		455	151	6	31	28	27	27	32
Operators by age group:									
Under 25 years		63	20	20	—	—	—	—	—
25 to 34 years		396	126	—	126	—	—	—	—
35 to 44 years		889	165	—	—	165	—	—	—
45 to 54 years		889	216	—	—	—	216	—	—
55 to 64 years		1 025	402	—	—	—	—	402	—
65 years and over		869	572	—	—	—	—	—	572
Average age		52.2	57.7	22.0	29.9	39.8	50.0	59.5	72.0
Operators by sex:									
Male		3 757	1 339	18	108	139	181	354	539
Female		374	162	2	18	26	35	48	33
Operators of Spanish origin		37	3	—	—	—	—	1	2
Operators by principal occupation:									
Forming		1 501	1 501	20	126	165	216	402	572
Other		2 630	—	—	—	—	—	—	—
Operators reporting days of work off farm:									
None		1 166	904	7	60	81	116	226	414
1 to 99 days		278	146	1	21	23	26	46	29
100 to 199 days		436	139	3	15	32	29	39	21
200 days or more		2 118	179	8	21	17	25	59	49
F FARMS BY SIZE									
1 to 9 acres		822	303	3	30	55	41	53	121
10 to 49 acres		1 520	475	8	46	55	66	128	172
50 to 69 acres		396	132	1	9	13	11	40	58
70 to 99 acres		362	137	5	13	16	24	35	44
100 to 139 acres		355	156	1	13	6	34	54	48
140 to 179 acres		269	101	—	4	3	12	24	58
180 to 219 acres		149	66	1	5	6	9	15	30
220 to 259 acres		53	23	—	—	5	3	3	12
260 to 499 acres		175	89	1	4	6	14	42	22
500 to 999 acres		25	16	—	2	—	1	7	6
1,000 to 1,999 acres		4	3	—	—	—	1	1	1
2,000 acres or more		1	—	—	—	—	—	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		38	3	—	1	—	—	2	—
Field crop, except cash grain farms (013)		768	237	2	18	24	31	59	103
Cotton farms (0131)		—	—	—	—	—	—	—	—
Tobacco farms (0132)		12	7	—	1	—	4	1	1
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		756	230	2	17	24	27	58	102
Vegetable and melon farms (016)		484	237	1	21	16	26	72	101
Fruit and tree nut farms (017)		484	197	6	13	17	29	49	83
Horticultural specialty farms (018)		386	199	—	20	53	32	36	58
General farms, primarily crop (019)		253	48	—	3	4	16	13	12
Livestock farms, except dairy, poultry, and animal specialty (021)		1 128	371	7	19	33	49	119	144
Beef cattle farms, except feedlots (0212)		579	212	3	9	16	24	76	84
Dairy farms (024)		95	73	2	10	3	12	25	21
Poultry and egg farms (025)		101	42	—	5	2	6	14	15
Animal specialty farms (027)		307	79	2	14	8	13	12	30
General farms, primarily livestock (029)		87	15	—	2	5	2	1	5
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	forms	4 131	1 501	20	126	165	216	402	572
\$1,000		17 758	9 488	98	948	1 082	1 562	2 889	2 910
Farms by value of agricultural products sold:									
\$15,000 or more		202	145	2	12	14	33	52	32
\$10,000 to \$14,999		354	233	—	29	38	39	61	66
\$5,000 to \$9,999		714	375	5	42	31	50	115	132
\$2,500 to \$4,999		849	264	3	13	20	35	92	101
Less than \$2,500		2 012	484	10	30	62	59	82	241
\$2,000 to \$2,499		259	75	3	11	9	11	10	31
\$1,500 to \$1,999		337	110	3	6	33	10	15	43
\$1,000 to \$1,499		526	130	2	8	7	6	24	83
Less than \$1,000		890	169	2	5	13	32	33	84

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

Other occupations							
	Age of operator						
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Farms With Sales of Less Than \$20,000							
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms	2 461	39	249	689	636	572
	acres	158 225	1 399	13 675	39 544	40 372	42 017
Partnership	farms	119	3	14	24	23	38
	acres	10 863	(D)	(D)	1 790	2 165	3 840
Corporations:	farms	31	—	3	7	11	7
Family held	acres	(D)	—	135	341	1 166	(D)
More than 10 stockholders	farms	1	—	—	—	1	—
10 or less stockholders	farms	30	—	3	7	10	7
Other than family held	farms	1	—	—	—	—	1
	acres	(D)	—	—	—	—	—
More than 10 stockholders	farms	—	—	—	—	—	—
10 or less stockholders	farms	—	—	—	—	—	—
Other—cooperative, estate or trust, etc.	farms	1	—	—	—	—	1
	acres	18	—	4	4	3	5
		7 606	(D)	(D)	450	504	6 146
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		2 188	26	211	636	561	505
Not on farm operated		304	17	49	66	79	72
Operators by age group:							
Under 25 years		43	43	—	—	—	—
25 to 34 years		270	—	270	—	—	—
35 to 44 years		724	—	—	724	—	—
45 to 54 years		673	—	—	—	673	—
55 to 64 years		623	—	—	—	—	623
65 years and over		297	—	—	—	—	297
Average age		49.0	21.0	30.8	39.2	49.3	59.0
							71.6
Operators by sex:							
Male		2 418	32	219	703	642	587
Female		212	11	51	21	31	36
Operators of Spanish origin		34	—	1	5	—	—
Operators by principal occupation:							
Farming		—	—	—	—	—	—
Other		2 630	43	270	724	673	623
Operators reporting days of work off farm:							
None		262	3	7	18	26	71
1 to 99 days		132	2	9	11	24	52
100 to 199 days		297	4	42	75	66	75
200 days or more		1 939	34	212	620	557	425
F FARMS BY SIZE							
1 to 9 acres		519	15	61	170	102	124
10 to 49 acres		1 045	17	111	305	301	211
50 to 69 acres		264	2	37	42	90	47
70 to 99 acres		225	1	19	70	49	61
100 to 139 acres		199	6	18	59	41	47
140 to 179 acres		168	1	7	40	29	73
180 to 219 acres		83	—	11	13	19	28
220 to 259 acres		30	—	—	4	9	10
260 to 499 acres		86	1	5	18	31	19
500 to 999 acres		9	—	—	3	2	7
1,000 to 1,999 acres		1	—	1	—	—	12
2,000 acres or more		1	—	—	—	—	2
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		35	—	—	7	25	3
Field crop, except cash grain farms (013)		531	13	40	111	143	139
Cotton farms (0131)		—	—	—	—	—	85
Tobacco farms (0132)		5	—	1	1	—	—
Sugar cane, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		526	13	39	110	143	137
Vegetable and melon farms (016)		247	7	26	34	79	77
Fruit and tree nut farms (017)		287	—	34	62	70	85
Horticultural specialty farms (018)		187	—	25	33	41	36
General farms, primarily crop (019)		205	1	11	106	44	24
Livestock farms, except dairy, poultry, and animal specialty (021)		757	13	88	230	208	148
Beef cattle farms, except feedlots (0212)		367	6	34	98	92	88
Dairy farms (024)		22	—	3	5	3	49
Poultry and egg farms (025)		59	1	3	14	10	6
Animal specialty farms (027)		228	8	35	86	40	25
General farms, primarily livestock (029)		72	—	5	36	10	17
							2
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	forms	2 630	43	270	724	673	623
	\$1,000	8 270	160	1 025	2 067	1 874	2 234
Farms by value of agricultural products sold:							
\$15,000 or more		57	—	6	23	10	14
\$10,000 to \$14,999		121	5	31	22	21	30
\$5,000 to \$9,999		339	5	34	61	74	127
\$2,500 to \$4,999		585	12	58	146	150	144
Less than \$2,500		1 528	21	141	472	418	308
\$2,000 to \$2,499		184	5	21	37	55	48
\$1,500 to \$1,999		227	—	18	52	85	49
\$1,000 to \$1,499		396	12	42	155	78	76
Less than \$1,000		721	4	60	228	200	135

See footnote at end of table.

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

(Excludes abnormal farms; see text)							
Farms With Sales of Less Than \$20,000	Total farming and other occupations	Farming					
		Age of operator					
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years
VALUE OF PRODUCTS SOLD—Con.							65 years and over
Market value of agricultural products sold—Con.							
Grain	farms	65	9	1	2	—	5
\$1,000	farms	98	22	(D)	(D)	—	15
Sales of \$5,000 or more	farms	2	1	—	—	—	1
Commodity Credit Corporation loans	farms	(D)	(D)	—	—	—	(D)
Cotton and cottonseed	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Sales of \$5,000 or more	farms	—	—	—	—	—	—
Commodity Credit Corporation loans	farms	—	—	—	—	—	—
Tobacco	farms	13	8	—	1	5	1
\$1,000	farms	117	74	—	(D)	61	(D)
Sales of \$5,000 or more	farms	11	7	—	1	5	1
Field seeds, hay, forage, and silage	farms	1 044	365	2	29	40	92
\$1,000	farms	2 686	1 143	(D)	(D)	136	297
Sales of \$5,000 or more	farms	161	73	—	8	10	23
Vegetables, sweet corn, and melons	farms	1 246	586	—	67	85	169
\$1,000	farms	2 911	1 678	(D)	(D)	174	193
Sales of \$5,000 or more	farms	203	125	—	15	32	41
\$1,000	farms	1 861	1 217	—	137	120	114
Fruits, nuts, and berries	farms	598	259	7	22	45	67
\$1,000	farms	2 501	1 393	30	118	122	368
Sales of \$5,000 or more	farms	181	107	2	9	16	511
Nursery and greenhouse products	farms	1 797	1 095	(D)	(D)	104	287
\$1,000	farms	2 416	1 529	—	25	53	406
Sales of \$5,000 or more	farms	180	119	—	17	23	77
Other crops	farms	1 840	1 268	—	176	224	324
\$1,000	farms	98	49	1	1	6	392
Sales of \$5,000 or more	farms	197	150	(D)	(D)	20	255
\$1,000	farms	15	13	—	1	2	306
Poultry and poultry products	farms	113	(D)	(D)	(D)	24	35
\$1,000	farms	402	124	2	14	20	(D)
Sales of \$5,000 or more	farms	526	320	(D)	30	32	107
\$1,000	farms	30	21	—	1	2	9
Dairy products	farms	312	228	—	(D)	(D)	83
\$1,000	farms	169	104	3	15	13	88
Sales of \$5,000 or more	farms	1 069	870	29	126	40	31
\$1,000	farms	78	65	2	8	3	28
Cattle and calves	farms	1 186	468	6	38	38	31
\$1,000	farms	2 560	1 244	10	83	84	152
Sales of \$5,000 or more	farms	129	79	—	4	6	165
\$1,000	farms	983	602	—	28	42	509
Hogs and pigs	farms	424	145	1	15	20	41
\$1,000	farms	1 166	626	(D)	(D)	113	223
Sales of \$5,000 or more	farms	80	54	—	2	7	18
\$1,000	farms	780	541	(D)	(D)	105	192
Sheep, lambs, and wool	farms	311	92	4	7	10	17
\$1,000	farms	192	68	2	8	5	158
Sales of \$5,000 or more	farms	5	2	—	—	1	36
\$1,000	farms	37	(D)	—	—	(D)	30
Other livestock and livestock products (see text)	farms	610	182	5	18	21	80
\$1,000	farms	1 321	370	7	68	70	96
Sales of \$5,000 or more	farms	83	29	—	7	6	36
\$1,000	farms	719	241	—	55	59	6
241	—	—	55	59	58	20	49
SELECTED FARM PRODUCTION EXPENSES							
Livestock and poultry purchased	farms	1 381	455	20	61	58	77
\$1,000	farms	1 265	560	26	66	78	132
Farms with expenses of—							
\$1 to \$499		707	200	6	24	41	26
\$500 to \$2,499		564	199	6	27	12	58
\$2,500 to \$4,999		70	37	8	10	6	59
\$5,000 or more		40	19	—	5	4	54
Feed for livestock and poultry	farms	2 247	715	28	70	69	104
\$1,000	farms	3 111	1 479	56	191	132	201
Farms with expenses of—							
\$1 to \$499		847	233	12	25	1	38
\$500 to \$2,499		1 091	301	7	22	62	38
\$2,500 to \$4,999		173	77	—	4	11	83
\$5,000 or more		136	104	9	22	2	19
Commercially mixed formula feeds	farms	1 226	355	11	48	42	45
tons		9 480	4 620	295	543	330	1 070
\$1,000	farms	1 364	625	42	80	40	137
Farms by tons purchased:							
1 to 49 tons		1 010	225	2	37	36	14
50 to 99 tons		182	109	9	11	6	20
100 tons or more		34	21	—	—	11	10
Farms with expenses of—							
\$1 to \$499		582	129	2	15	9	9
\$500 to \$2,499		528	152	—	22	33	18
\$2,500 to \$4,999		52	31	8	1	—	2
\$5,000 or more		64	43	1	10	—	16

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000

VALUE OF PRODUCTS SOLD—Con.

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Market value of agricultural products sold—Con.							
Grain	farms	56	—	1	18	29	7
\$1,000	farms	76	—	(D)	(D)	(D)	(D)
Sales of \$5,000 or more	farms	1	—	—	—	1	—
\$1,000	farms	(D)	—	—	—	(D)	—
Commodity Credit Corporation loans	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Cotton and cottonseed	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Sales of \$5,000 or more	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Commodity Credit Corporation loans	farms	—	—	—	—	—	—
\$1,000	farms	—	—	—	—	—	—
Tobacco	farms	5	—	1	1	2	1
\$1,000	farms	43	—	(D)	(D)	(D)	(D)
Sales of \$5,000 or more	farms	4	—	1	1	1	1
\$1,000	farms	39	—	(D)	(D)	(D)	(D)
Field seeds, hay, forage, and silage	farms	679	14	60	155	178	169
\$1,000	farms	1,543	47	119	338	348	520
Sales of \$5,000 or more	farms	88	3	5	21	14	39
\$1,000	farms	660	16	39	166	111	283
Vegetables, sweet corn, and melons	farms	378	7	40	61	98	128
\$1,000	farms	1,233	44	121	195	324	410
Sales of \$5,000 or more	farms	78	3	10	14	19	21
\$1,000	farms	644	33	73	120	153	174
Fruits, nuts, and berries	farms	339	—	41	77	62	104
\$1,000	farms	1,108	—	145	328	169	350
Sales of \$5,000 or more	farms	74	—	11	25	9	22
\$1,000	farms	702	—	104	244	83	206
Nursery and greenhouse products	farms	209	2	26	36	47	62
\$1,000	farms	887	(D)	116	146	232	270
Sales of \$5,000 or more	farms	61	—	7	9	16	22
\$1,000	farms	572	—	74	79	164	190
Other crops	farms	49	—	4	29	5	7
\$1,000	farms	47	—	8	10	10	16
Sales of \$5,000 or more	farms	2	—	1	—	1	—
\$1,000	farms	(D)	—	(D)	—	(D)	—
Poultry and poultry products	farms	278	2	23	89	67	50
\$1,000	farms	205	(D)	(D)	39	34	94
Sales of \$5,000 or more	farms	9	—	1	—	7	1
\$1,000	farms	83	—	(D)	—	(D)	(D)
Dairy products	farms	65	—	6	10	34	8
\$1,000	farms	199	—	11	69	28	41
Sales of \$5,000 or more	farms	13	—	1	4	1	3
\$1,000	farms	168	—	(D)	66	(D)	(D)
Cattle and calves	farms	718	13	68	208	205	150
\$1,000	farms	1,316	39	95	407	334	267
Sales of \$5,000 or more	farms	50	3	2	19	10	10
\$1,000	farms	381	(D)	(D)	152	80	58
Hogs and pigs	farms	279	7	50	103	75	32
\$1,000	farms	539	13	56	201	184	49
Sales of \$5,000 or more	farms	26	—	—	9	12	2
\$1,000	farms	239	—	—	87	115	(D)
Sheep, lambs, and wool	farms	219	4	14	67	70	49
\$1,000	farms	123	(Z)	4	42	37	32
Sales of \$5,000 or more	farms	3	—	—	1	—	2
\$1,000	farms	(D)	—	—	(D)	—	(D)
Other livestock and livestock products (see text)	farms	428	10	64	175	83	70
\$1,000	farms	950	12	326	258	142	156
Sales of \$5,000 or more	farms	54	—	29	4	8	10
\$1,000	farms	478	—	296	26	53	73
SELECTED FARM PRODUCTION EXPENSES ¹							
Livestock and poultry purchased	farms	926	17	129	313	223	180
\$1,000	farms	706	74	103	306	102	95
Farms with expenses of—							
\$1 to \$499		507	3	65	94	157	139
\$500 to \$2,499		365	4	64	187	60	35
\$2,500 to \$4,999		33	—	—	29	4	—
\$5,000 or more		21	10	—	3	2	6
Feed for livestock and poultry	farms	1,532	41	181	468	399	319
\$1,000	farms	1,633	31	214	551	352	352
Farms with expenses of—							
\$1 to \$499		614	13	53	209	143	127
\$500 to \$2,499		790	28	97	205	239	175
\$2,500 to \$4,999		96	—	24	46	13	5
\$5,000 or more		32	—	7	8	4	8
Commercially mixed formula feeds	farms	871	13	99	295	233	141
tons	4,860	54	347	1,804	1,220	1,224	90
\$1,000	farms	739	8	59	256	204	176
Farms by tons purchased:							
1 to 49 tons		785	13	91	259	219	116
50 to 99 tons		73	—	8	29	14	19
100 tons or more		13	—	—	7	—	3
Farms with expenses of—							
\$1 to \$499		453	7	50	193	80	57
\$500 to \$2,499		376	6	49	86	140	73
\$2,500 to \$4,999		21	—	—	9	10	66
\$5,000 or more		21	—	—	7	3	2

See footnote at end of table.

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

[Excludes abnormal farms; see text]									
Farms With Sales of Less Than \$20,000	Total farming and other occupations	Farming							
		Age of operator						65 years and over	
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
SELECTED FARM PRODUCTION EXPENSES¹—Con.									
Animal health costs—	farms \$1,000	1 532	463	20	50	45	60	123	165
Farms with expenses of—		276	94	5	20	11	11	16	30
\$1 to \$99			694	172	7	26	12	15	51
\$100 to \$999			735	239	5	17	26	41	70
\$1,000 to \$4,999			66	49	8	5	7	3	2
\$5,000 or more			37	3	—	2	—	1	—
Seeds, bulbs, plants, and trees	farms \$1,000	1 719	761	17	95	103	106	233	207
Farms with expenses of—		805	446	5	92	50	96	102	101
\$1 to \$99			543	157	—	6	28	30	67
\$100 to \$999			782	385	15	30	50	39	149
\$1,000 to \$4,999			199	97	2	31	6	15	34
\$5,000 or more			195	122	—	28	19	26	20
Commercial fertilizer	farms \$1,000	2 494	990	9	101	100	131	293	356
Farms with expenses of—		1 312	700	5	141	39	80	265	170
\$1 to \$499			1 715	570	—	36	78	65	144
\$500 to \$999			407	219	9	13	13	48	66
\$1,000 to \$2,499			288	137	—	26	7	17	57
\$2,500 or more			84	64	—	26	2	1	26
Other agricultural chemicals including lime	farms \$1,000	2 260	868	12	108	93	125	261	269
Farms with expenses of—		715	372	9	64	30	42	141	87
\$1 to \$499			1 841	642	1	72	70	97	186
\$500 to \$999			290	137	10	21	22	26	28
\$1,000 to \$2,499			104	77	1	10	1	1	46
\$2,500 or more			25	12	—	5	—	1	1
Energy and petroleum products	farms \$1,000	4 046	1 445	30	157	150	196	387	525
Farms with expenses of—		2 388	1 202	21	179	97	219	333	352
\$1 to \$499			2 484	606	13	22	78	87	136
\$500 to \$999			913	432	7	79	29	35	138
\$1,000 to \$2,499			545	331	8	44	40	42	98
\$2,500 or more			104	76	2	12	3	32	15
Petroleum products	farms \$1,000	4 039	1 443	30	157	148	196	387	525
Gasoline	farms \$1,000	1 868	958	11	145	81	176	263	282
Diesel fuel	farms \$1,000	3 787	1 340	30	147	115	178	351	519
LP gas, butane, and propane	farms \$1,000	1 209	619	6	97	52	104	172	190
Fuel oil	farms \$1,000	759	282	18	41	22	53	110	38
Natural gas	farms \$1,000	182	82	4	9	4	20	28	18
Kerosene, motor oil, and grease	farms \$1,000	148	70	6	13	10	7	8	26
Electricity	farms \$1,000	19	9	1	1	2	(D)	(D)	(D)
Other—coal, wood, coke, etc.	farms \$1,000	201	127	(Z)	26	11	57	72	72
Hired farm labor	farms \$1,000	80	32	—	—	24	6	1	1
Workers by number of days worked:									
150 days or more	farms workers	11	4	—	—	2	(D)	(D)	(D)
Less than 150 days	farms workers	1161	489	2	69	41	64	183	130
Contract labor	farms \$1,000	338	159	—	46	28	27	37	21
Farms with expenses of—		657	255	—	68	61	47	47	32
\$1 to \$499		273	844	30	88	59	120	274	273
\$500 to \$999		460	212	(D)	(D)	15	36	62	63
\$1,000 to \$2,499		247	104	1	20	8	16	35	24
\$2,500 or more		60	31	(D)	(D)	2	7	8	7
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 334	553	2	83	61	74	189	144
Farms with expenses of—		1 877	863	(D)	(D)	131	210	202	175
\$1 to \$499		484	146	2	10	12	10	65	47
\$500 to \$2,499		567	297	—	52	28	26	107	84
\$2,500 to \$4,999		256	95	—	19	18	29	17	12
\$5,000 or more		27	15	—	2	3	9	—	1
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms \$1,000	277	129	4	27	25	17	30	26
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	398	281	7	133	32	39	58	12
		933	373	5	37	48	37	112	134
		2 040	1 122	9	92	108	144	392	377

See footnote at end of table.

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

[Excludes abnormal farms; see text]							
Farms With Sales of Less Than \$20,000	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs— \$1,000	1 069 182	24 4	116 31	409 87	239 30	216 21	65 9
Farms with expenses of— \$1 to \$99 \$100 to \$999 \$1,000 to \$4,999 \$5,000 or more	522 496 17 34	13 11 — —	56 36 — 24	126 270 5 8	141 87 11 ~	142 73 — 1	44 19 1 1
Seeds, bulbs, plants, and trees— \$1,000	958 359	4 7	85 52	227 55	275 158	263 68	104 19
Farms with expenses of— \$1 to \$99 \$100 to \$999 \$1,000 to \$4,999 \$5,000 or more	386 397 102 73	— — — 4	45 16 4 20	100 98 20 9	100 123 20 32	97 109 50 7	44 51 8 1
Commercial fertilizer— \$1,000	1 504 612	10 9	147 55	342 127	437 226	400 144	168 51
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,499 \$2,500 or more	1 145 188 151 20	— 10 — —	121 15 6 5	266 28 46 2	315 51 60 11	302 65 31 2	141 19 8 —
Other agricultural chemicals including lime— \$1,000	1 392 343	4 13	128 34	411 77	369 79	347 106	133 33
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,499 \$2,500 or more	1 199 153 27 13	— — — 4	95 33 — —	381 20 9 1	312 45 11 1	299 41 — 7	112 14 7 —
Energy and petroleum products— \$1,000	2 601 1 187	45 40	254 68	725 307	685 319	621 350	271 103
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,499 \$2,500 or more	1 878 481 214 28	25 6 14 —	220 33 1 —	528 139 54 4	518 92 61 14	371 176 67 7	216 35 17 3
Petroleum products— \$1,000	2 596 910	45 25	254 58	724 240	685 238	621 270	267 79
Gasoline— \$1,000	2 447 590	45 18	249 45	666 158	659 169	575 144	253 57
Diesel fuel— \$1,000	477 100	10 2	33 3	153 30	96 16	152 40	33 9
LP gas, butane, and propane— \$1,000	78 11	10 (Z)	5 (Z)	20 3	27 4	16 3	— —
Fuel oil— \$1,000	182 74	4 (Z)	8 2	23 7	56 21	76 41	15 3
Natural gas— \$1,000	48 7	4 2	— —	27 3	12 1	5 1	— —
Kerosene, motor oil, and grease— \$1,000	2 596 128	45 2	254 8	724 39	685 27	621 41	267 11
Electricity— \$1,000	1 429 248	30 15	131 9	439 64	372 76	321 63	136 21
Other—coal, wood, coke, etc.— \$1,000	143 29	— —	6 1	25 3	31 6	61 16	20 3
Hired farm labor— \$1,000	781 1 014	14 38	89 74	226 353	187 165	210 238	55 145
Farms with expenses of— \$1 to \$499 \$500 to \$2,499 \$2,500 to \$4,999 \$5,000 or more	338 270 161 12	6 4 — 4	64 14 11 —	94 32 98 2	72 104 8 3	85 98 25 2	17 18 19 1
Workers by number of days worked: 150 days or more— farms workers	179 402	8 16	11 31	94 258	27 38	24 36	15 23
Less than 150 days— farms workers	672 2 242	14 26	89 295	146 351	170 909	202 505	51 156
Contract labor— \$1,000	136 117	4 4	14 7	30 52	47 26	27 18	14 10
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,499 \$2,500 or more	60 50 12 14	— 4 — —	7 6 1 —	32 11 4 8	10 10 7 5	10 10 7 —	4 9 — 1
Customwork, machine hire, and rental of machinery and equipment— \$1,000	383 179	8 3	59 31	79 65	111 30	97 37	29 14
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,499 \$2,500 or more	240 75 62 6	4 4 — —	34 4 21 —	32 24 18 5	89 12 10 —	66 19 12 —	15 12 1 —
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services— \$1,000	148 117	4 1	26 25	32 20	44 35	29 21	13 15
Value of agricultural products sold directly to individuals for human consumption— \$1,000	560 918	6 14	60 74	157 213	124 164	156 133	57 120

See footnote at end of table.

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

(Excludes abnormal farms; see text)									
Farms With Sales of Less Than \$20,000	Total farming and other occupations	Farming							
		Age of operator							
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment	farms \$1,000	4 077	1 457	30	157	150	197	387	536
Farms by value group:	45 929	19 800	350	2 507	1 383	3 157	6 287	6 115	
\$1 to \$4,999	933	382	—	44	68	37	70	163	
\$5,000 to \$9,999	1 662	448	19	49	32	52	115	181	
\$10,000 to \$19,999	903	361	8	30	31	55	116	121	
\$20,000 to \$49,999	498	213	2	29	17	42	69	54	
\$50,000 to \$99,999	54	32	1	—	1	6	12	12	
\$100,000 to \$199,999	22	16	—	5	1	5	—	5	
\$200,000 to \$499,999	5	5	—	—	—	—	5	—	
\$500,000 or more	—	—	—	—	—	—	—	—	
SELECTED MACHINERY AND EQUIPMENT¹									
Automobiles	farms	1 860	816	1	85	69	126	246	289
Automobiles	number	2 424	1 084	(D)	(D)	94	167	285	388
Motortrucks, including pickups	farms	3 175	1 198	30	135	136	170	347	386
Motortrucks, including pickups	number	4 798	2 031	37	218	182	339	671	584
Wheel tractors	farms	3 161	1 094	29	109	67	155	321	413
Wheel tractors	number	5 552	2 067	37	228	114	339	625	724
2 or 3	farms	1 364	510	4	65	30	74	149	188
2 or 3	number	3 058	1 150	12	139	74	179	325	421
4 or more	farms	209	98	—	15	1	23	38	21
4 or more	number	906	431	—	(D)	(D)	102	166	99
Grain and bean combines, self-propelled only	farms	18	12	—	—	1	7	4	
Grain and bean combines, self-propelled only	number	32	26	—	—	(D)	(D)	4	
Cornpickers, corn heads, and picker-shellers	farms	67	21	1	4	1	1	6	8
Cornpickers, corn heads, and picker-shellers	number	76	24	(D)	4	(D)	(D)	6	8
Corn heads for combines	farms	33	11	1	4	—	1	5	—
Corn heads for combines	number	33	11	(D)	4	—	(D)	(D)	—
Other cornpickers and picker-shellers	farms	42	12	1	—	1	1	1	8
Other cornpickers and picker-shellers	number	43	13	(D)	—	(D)	(D)	(D)	8
Cottonpickers	farms	—	—	—	—	—	—	—	—
Cottonpickers	number	—	—	—	—	—	—	—	—
Mower conditioners	farms	760	322	1	63	21	61	92	84
Mower conditioners	number	848	356	(D)	63	(D)	66	109	94
Pickup balers	farms	1 057	409	4	50	15	52	131	157
Pickup balers	number	1 128	426	4	63	16	52	132	159
Field forage harvesters, shear bar or flywheel type	farms	395	128	2	13	2	34	63	14
Field forage harvesters, shear bar or flywheel type	number	406	132	(D)	13	(D)	34	67	14
AGRICULTURAL CHEMICALS¹									
Agricultural chemicals, including commercial fertilizer and lime	farms	2 903	1 065	18	111	111	146	301	378
Agricultural chemicals, including commercial fertilizer and lime	\$1,000	2 027	1 072	14	205	69	122	406	256
Commercial fertilizer	farms	2 342	924	9	91	99	126	282	317
Commercial fertilizer	acres on which used	34 531	17 325	200	3 271	1 053	2 424	6 459	3 918
Lime	farms	1 090	439	8	66	50	74	131	110
Lime	acres on which used	11 065	5 011	64	1 062	494	719	1 978	694
Lime	tons	18 303	8 865	200	1 798	675	1 111	3 770	1 311
Sprays, dusts, granules, fumigants, etc. to control—									
Insects on hay and other crops	farms	1 100	455	2	83	47	53	135	135
Insects on hay and other crops	acres on which used	9 137	5 208	(D)	1 190	(D)	430	2 220	980
Nematodes in crops	farms	97	32	—	—	6	8	—	18
Diseases in crops and orchards	farms	367	156	—	—	42	52	—	62
Diseases in crops and orchards	acres on which used	681	309	3	32	38	34	88	114
Weeds, grass, or brush in crops and pasture	farms	4 924	2 070	44	149	231	156	786	704
Weeds, grass, or brush in crops and pasture	acres on which used	812	344	4	53	46	58	84	99
Weeds, grass, or brush in crops and pasture	acres on which used	9 029	3 819	65	516	418	754	1 234	832
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit	farms	76	21	—	—	11	—	10	—
Defoliation or for growth control of crops, or thinning of fruit	acres on which used	330	136	—	—	72	—	64	—
Insect control on livestock and poultry	farms	727	226	5	37	31	35	63	55
Insect control on livestock and poultry	acres on which used	690	245	4	37	23	33	76	72
LIVESTOCK									
Cattle and calves inventory	farms	1 710	572	9	47	53	95	175	193
Cattle and calves inventory	number	22 405	11 231	149	896	907	1 724	4 768	2 787
Farms with—									
1 to 9	farms	993	229	3	18	26	38	51	93
1 to 9	number	649	290	6	27	24	51	91	91
10 to 49	farms	62	49	—	2	1	6	31	9
10 to 49	number	5	3	—	—	2	—	1	—
100 to 199	farms	1	1	—	—	—	—	1	—
100 to 199	number	—	—	—	—	—	—	—	—
200 to 499	farms	—	—	—	—	—	—	1	—
200 to 499	number	—	—	—	—	—	—	—	—
500 or more	farms	—	—	—	—	—	—	—	—
Cows and heifers that had calved	farms	1 403	485	7	42	48	79	143	166
Cows and heifers that had calved	number	10 607	5 202	73	419	428	805	2 258	1 219
Beef cows	farms	1 125	317	4	21	38	60	107	87
Beef cows	number	8 006	3 378	32	189	306	515	1 637	699
Farms with—									
1 to 9	farms	886	220	2	13	31	45	66	63
1 to 9	number	233	93	2	8	5	13	41	24
10 to 49	farms	5	4	—	—	2	2	—	—
10 to 49	number	—	—	—	—	—	—	—	—
100 to 199	farms	1	—	—	—	—	—	—	—
100 to 199	number	—	—	—	—	—	—	—	—
200 to 499	farms	—	—	—	—	—	—	—	—
200 to 499	number	—	—	—	—	—	—	—	—
500 or more	farms	—	—	—	—	—	—	—	—
500 or more	number	—	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and equipment	farms \$1,000	2 620 26 129	45 518	261 3 054	730 6 367	685 7 317	628 6 462
Farms by value group:							
\$1 to \$4,999		551	4	49	167	142	132
\$5,000 to \$9,999		1 214	25	146	337	319	237
\$10,000 to \$19,999		542	6	46	161	124	164
\$20,000 to \$49,999		285	10	14	60	88	95
\$50,000 to \$99,999		22	—	—	5	12	5
\$100,000 to \$199,999		6	—	6	—	—	—
\$200,000 to \$499,999		—	—	—	—	—	—
\$500,000 or more		—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹							
Automobiles	farms	1 044	12	78	188	286	352
	number	1 340	16	88	231	379	460
Motortrucks, including pickups	farms	1 977	39	191	635	492	413
	number	2 767	53	269	875	699	592
Wheel tractors	farms	2 067	28	181	568	545	517
	number	3 485	65	304	848	980	898
2 or 3	farms	854	15	60	176	281	229
	number	1 908	34	146	412	624	503
4 or more	farms	111	6	11	11	28	33
	number	475	24	48	55	120	140
Grain and bean combines, self-propelled only	farms	6	—	—	6	—	—
	number	6	—	—	6	—	—
Cornpickers, corn heads, and picker-shellers	farms	46	—	5	9	25	5
	number	52	—	5	9	29	(D)
Corn heads for combines	farms	22	—	—	3	13	5
	number	22	—	—	3	13	(D)
Other cornpickers and picker-shellers	farms	30	—	5	6	16	2
	number	30	—	5	6	16	(D)
Cottonpickers	farms	—	—	—	—	—	—
	number	—	—	—	—	—	—
Mower conditioners	farms	438	17	24	115	131	117
	number	492	17	24	119	140	125
Pickup balers	farms	648	10	48	183	179	167
	number	702	16	53	183	189	170
Field forage harvesters, shear bar or flywheel type	farms	267	—	36	73	76	65
	number	274	—	37	78	77	65
AGRICULTURAL CHEMICALS¹							
Agricultural chemicals, including commercial fertilizer and lime	farms	1 838	10	169	491	531	458
	\$1,000	955	21	89	204	305	251
Commercial fertilizer	farms	1 418	10	146	333	401	364
	acres on which used	17 206	410	1 522	3 957	5 963	3 909
Lime	farms	651	—	58	226	153	154
	acres on which used	6 054	—	448	1 704	1 425	1 807
	tons	9 438	—	862	2 945	2 461	2 254
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops	farms	645	4	42	232	124	168
	acres on which used	3 929	140	324	1 241	802	1 032
Nematodes in crops	farms	65	—	15	11	10	8
	acres on which used	211	—	52	14	96	17
Diseases in crops and orchards	farms	372	4	39	71	97	110
	acres on which used	2 854	140	136	367	368	1 624
Weeds, grass, or brush in crops and pasture	farms	468	4	39	99	117	159
	acres on which used	5 210	140	158	835	2 073	1 452
							552
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit	farms	55	—	—	25	9	10
	acres on which used	194	—	—	59	52	68
Insect control on livestock and poultry	farms	501	—	19	232	103	104
Sanitation and rodent and bird control	farms	445	—	20	130	144	111
LIVESTOCK							
Cattle and calves inventory	farms	1 138	15	110	402	297	221
	number	11 174	176	929	3 822	2 779	2 096
Farms with—							
1 to 9		764	6	79	295	204	138
10 to 49		359	9	30	102	87	81
50 to 99		13	—	1	3	6	2
100 to 199		2	—	—	2	—	1
200 to 499		—	—	—	—	—	—
500 or more		—	—	—	—	—	—
Cows and heifers that had calved	farms	918	11	71	358	243	162
	number	5 405	88	385	2 095	1 301	877
Beef cows	farms	808	10	61	334	217	126
	number	4 628	78	324	1 844	1 118	719
Farms with—							
1 to 9		666	6	48	290	185	106
10 to 49		140	4	13	42	32	20
50 to 99		1	—	—	1	—	—
100 to 199		1	—	—	1	—	—
200 to 499		—	—	—	—	—	—
500 or more		—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]									
Total farming and other occupations		Farming							
		Age of operator							
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
Farms With Sales of Less Than \$20,000									
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows	farms	584	251	3	31	34	30	54	99
Forms with—	number	2 601	1 824	41	230	122	290	621	520
1 to 4		456	155	1	19	29	15	20	71
5 to 9		38	21	—	2	2	3	6	8
10 to 49		90	75	2	10	3	12	28	20
50 to 99		—	—	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—	—
200 to 499		—	—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—	—
Heifers and heifer calves	farms	1 094	400	7	38	30	59	123	143
Forms with—	number	7 208	3 690	53	352	242	481	1 479	1 083
Steers, steer calves, bulls, and bull calves	farms	1 024	353	8	33	36	56	113	107
Forms with—	number	4 590	2 339	23	125	237	438	1 031	485
Cattle and calves sold	farms	1 186	468	6	38	38	69	152	165
Forms with—	number	10 294	5 466	47	407	266	664	2 358	1 724
\$1,000	farms	2 560	1 244	10	83	84	156	509	401
Calves	farms	727	309	4	29	18	40	104	114
Forms with—	number	4 672	2 636	19	240	77	304	1 039	957
\$1,000	farms	495	250	1	16	7	20	119	86
Cattle	farms	997	382	4	29	37	64	137	111
Forms with—	number	5 622	2 830	28	167	189	360	1 319	767
\$1,000	farms	2 065	994	9	67	77	136	391	315
Fattened on grain and concentrates	farms	262	88	—	8	9	15	23	33
Forms with—	number	1 128	407	—	34	28	84	106	155
\$1,000	farms	465	158	—	13	17	34	41	54
Hogs and pigs inventory	farms	729	202	5	23	32	36	47	59
Forms with—	number	16 895	8 065	161	746	1 138	1 095	2 957	1 968
1 to 9		528	114	4	15	22	21	21	31
10 to 49		111	38	—	5	1	9	5	18
50 to 99		35	16	—	2	—	2	11	1
100 to 199		30	24	1	—	9	3	5	6
200 to 499		24	10	—	1	—	1	5	3
500 or more		1	—	—	—	—	—	—	—
Used or to be used for breeding	farms	265	104	2	13	15	19	22	33
Forms with—	number	2 413	1 174	(D)	(D)	103	225	356	380
Other	farms	690	186	5	18	30	32	45	56
Forms with—	number	14 482	6 891	(D)	1 035	870	2 601	1 588	—
Hogs and pigs sold	farms	424	145	1	15	20	25	35	49
Forms with—	number	17 435	8 762	(D)	(D)	1 073	1 838	2 294	2 891
\$1,000	farms	1 166	626	(D)	(D)	113	111	179	192
Feeder pigs sold	farms	175	56	1	9	2	12	6	26
Forms with—	number	7 125	3 494	(D)	409	(D)	1 047	621	1 320
\$1,000	farms	218	107	(D)	14	(D)	31	16	43
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms	305	112	2	13	17	21	23	36
Forms with—	number	2 710	1 426	(D)	(D)	137	292	315	532
Dec. 1 and May 31	farms	255	84	2	9	17	16	14	26
Forms with—	number	1 555	784	(D)	(D)	69	155	108	352
June 1 and Nov. 30	farms	210	90	2	9	14	16	21	28
Forms with—	number	1 155	642	(D)	(D)	68	137	207	180
Sheep and lambs of all ages inventory	farms	378	99	4	8	10	20	21	36
Forms with—	number	6 070	2 144	88	164	128	523	374	867
Ewes 1 year old or older	farms	326	78	3	7	8	14	16	30
Forms with—	number	4 055	1 349	52	111	84	322	247	533
Sheep and lambs sold	farms	264	75	3	6	6	10	18	32
Forms with—	number	3 627	1 229	35	124	79	255	237	499
Sheep and lambs shorn	farms	288	79	4	6	9	12	16	32
Forms with—	number	5 053	1 713	64	209	106	339	280	715
Pounds of wool	pounds	34 341	11 051	680	859	818	1 578	2 416	4 700
Horses and ponies inventory	farms	1 174	286	3	31	36	55	61	100
Forms with—	number	6 783	2 627	12	391	150	372	438	1 264
Horses and ponies sold	farms	351	78	2	13	7	14	21	21
Forms with—	number	869	281	(D)	(D)	14	43	86	81
\$1,000	farms	1 007	248	(D)	(D)	29	63	46	42
Goats inventory	farms	208	40	1	4	11	12	4	8
Forms with—	number	1 698	224	(D)	(D)	50	46	46	53
Goats sold	farms	94	21	1	2	6	5	3	4
Forms with—	number	1 102	200	(D)	(D)	41	59	32	23
\$1,000	farms	48	8	(D)	(D)	2	3	2	1
POULTRY									
Chickens 3 months old or older inventory	farms	748	229	5	22	34	36	49	83
Forms with—	number	56 390	29 986	141	6 428	3 239	1 708	7 773	10 697
1 to 399		714	204	5	19	32	34	41	73
400 to 3,199		34	25	—	3	2	2	8	10
3,200 to 9,999		—	—	—	—	—	—	—	—
10,000 to 19,999		—	—	—	—	—	—	—	—
20,000 to 49,999		—	—	—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—	—
Hens and pullets of laying age	farms	733	228	5	21	34	36	49	83
Forms with—	number	51 632	29 179	141	(D)	3 129	1 676	(D)	(D)
Pullets 3 months old or older not of laying age	farms	184	13	—	2	4	3	2	2
Forms with—	number	4 758	807	—	(D)	110	32	(D)	(D)

See footnote at end of table.

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

[Excludes abnormal farms; see text]							
Other occupations							
	Age of operator						
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Farms With Sales of Less Than \$20,000							
LIVESTOCK — Con.							
Cattle and calves inventory — Con.							
Cows and heifers that had calved — Con.							
Milk cows	farms number	333 777	4 10	22 61	126 251	100 183	59 158
Farms with —							
1 to 4		301	3	19	121	92	51
5 to 9		17	1	2	1	7	5
10 to 49		15	—	1	4	1	3
50 to 99		—	—	—	—	—	—
100 to 199		—	—	—	—	—	—
200 to 499		—	—	—	—	—	—
500 or more		—	—	—	—	—	—
Heifers and heifer calves	farms number	694 3 518	12 58	52 318	245 1 139	189 860	135 708
Steers, steer calves, bulls, and bull calves	farms number	671 2 251	10 30	87 226	162 588	196 618	154 511
Cattle and calves sold	farms number	718 4 628	13 120	68 316	208 1 685	205 1 253	150 977
Calves	farms number	418 2 036	7 38	35 125	138 768	123 515	82 406
Cattle	farms number	245 2 792	4 82	14 191	79 917	63 738	42 571
Fattened on grain and concentrates	farms number	174 721	3 37	19 43	55 246	48 177	37 141
Hogs and pigs inventory	farms number	527 8 830	8 131	67 2 255	248 2 594	121 2 390	56 794
Farms with —							
1 to 9		414	4	42	221	89	39
10 to 49		73	4	15	18	20	12
50 to 99		19	—	2	4	6	4
100 to 199		6	—	—	2	3	3
200 to 499		14	—	8	3	2	1
500 or more		1	—	—	—	1	—
Used or to be used for breeding	farms number	161 1 239	3	43	54	33	19
Other	farms number	504 7 591	7	58	244	116	52
Hogs and pigs sold	farms number	279 8 673	7 226	50 981	103 3 335	75 2 611	32 719
Feeder pigs sold	farms number	539 3 631	13 129	56 201	201 1 424	184 973	49 322
Litters of pigs farrowed between —							
Dec. 1 of preceding year and Nov. 30	farms number	193 1 284	4 16	44 259	72 369	43 366	21 122
Dec. 1 and May 31	farms number	171 771	4 (D)	37 (D)	68 201	38 185	16 73
June 1 and Nov. 30	farms number	120 513	2 (D)	21 (D)	55 168	21 181	13 49
Sheep and lambs of all ages inventory	farms number	279 3 926	5 70	24 147	100 1 313	74 1 060	52 1 055
Ewes 1 year old or older	farms number	248 2 706	5 48	18 91	85 983	51 674	19 755
Sheep and lambs sold	farms number	189 2 398	2 (D)	9 (D)	60 816	38 701	11 652
Sheep and lambs shorn	farms number	209 3 340	4 30	14 97	64 1 127	46 1 036	13 915
pounds of wool	23 290	142	645	6 931	7 644	6 598	1 330
Horses and ponies inventory	farms number	888 4 156	19 67	104 540	333 1 099	220 1 413	155 728
Horses and ponies sold	farms number	273 588	10 19	37 103	121 211	38 112	11 119
Goats inventory	farms number	168 1 474	— —	25 158	69 685	24 382	11 205
Goats sold	farms number	73 902	— —	17 104	35 401	6 266	2 (D)
\$1,000	40	— —	7	16	10	(D)	(D)
POULTRY							
Chickens 3 months old or older inventory	farms number	519 26 404	3 269	58 1 534	229 12 377	108 3 176	85 7 432
Farms with —							
1 to 399		510	.3	57	228	108	78
400 to 3,199		9	—	1	1	—	7
3,200 to 9,999		—	—	—	—	—	—
10,000 to 19,999		—	—	—	—	—	—
20,000 to 49,999		—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—
Hens and pullets of laying age	farms number	505 22 453	3 (D)	57 (D)	227 9 809	105 2 760	78 7 014
Pullets 3 months old or older not of laying age	farms number	171 3 951	2 (D)	5 (D)	123 2 568	25 416	12 418
\$1,000	40	— —	7	16	10	(D)	(D)

See footnote at end of table.

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

(Excludes abnormal farms; see text)

Farms With Sales of Less Than \$20,000

Total farming and other occupations	Total	Farming						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
POULTRY—Con.									
Chickens 3 months old or older sold	farms number	159 35 022	64 25 116	2 (D)	10 3 438	8 1 493	6 (D)	16 12 132	
Broilers and other meat-type chickens sold	farms number	40 16 091	9 12 558	1 (D)	— —	— —	2 (D)	4 6 760	
Farms with—									
1 to 1,999	farms	38	7	1	—	—	2	3	
2,000 to 15,999	farms	2	2	—	—	—	—	1	
16,000 to 29,999	farms	—	—	—	—	—	—	—	
30,000 or more	farms	—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	13 102	5 61	— —	— —	— —	2 (D)	2 (D)	
Turkeys sold	farms number	43 3 288	12 2 259	— —	3 35	— —	3 1 055	4 (D)	
CROPS HARVESTED									
Corn for all purposes	farms acres	456 5 080	192 3 045	5 59	22 302	21 286	21 290	77 1 731	
Tobacco	farms acres	13 46	8 36	— (D)	— —	— —	5 27	1 (D)	
Irrigated	farms acres	89 434 3	69 934 1	— (D)	— —	— —	53 205 (D)	— (D)	
Farms by acres harvested:									
0.1 to 4.9 acres	farms	11	7	—	—	—	4	1	
5.0 to 24.9 acres	farms	2	1	—	—	—	1	—	
25.0 acres or more	farms	—	—	—	—	—	—	—	
Irish potatoes	farms acres	109 264	43 183	1 (D)	1 (D)	5 (D)	6 32	16 86	
Irrigated	farms acres	38 637 10	29 325 6	— (D)	— —	— (D)	7 275 1 1	12 025 3 4	
Farms by acres harvested:									
0.1 to 0.9 acres	farms	42	17	—	—	3	2	4	
1.0 to 4.9 acres	farms	52	15	1	—	1	1	8	
5.0 to 24.9 acres	farms	14	10	—	1	1	3	3	
25.0 to 99.9 acres	farms	1	1	—	—	—	—	2	
100.0 acres or more	farms	—	—	—	—	—	—	—	
Hay crops (see text)	farms acres	2 180 59 908	742 25 963	11 303	58 2 192	67 2 388	107 3 694	217 8 150	
Irrigated	farms acres	95 156 10	43 546 6	423 (D)	3 826 4 131	6 433 —	14 881 1 2	13 852 —	
Farms by acres harvested:									
1 to 24 acres	farms	1 184	319	9	23	30	45	88	
25 to 99 acres	farms	939	393	2	31	33	59	120	
100 to 499 acres	farms	57	30	—	4	4	3	9	
500 acres or more	farms	—	—	—	—	—	—	10	
Alfalfa hay	farms acres	612 9 753	230 4 530	3 54	17 395	28 528	30 531	74 1 371	
Irrigated	farms acres	19 933 3	9 456 24	110 (D)	787 1 066	1 037 1 037	3 137 3 137	1 651 3 319	
All vegetables harvested for sale (see text)	farms acres	746 4 468	368 2 554	2 (D)	34 (D)	32 266	41 224	121 1 064	
Irrigated	farms acres	187 757	95 414	— (D)	10 36	12 32	20 88	27 151	
Farms by acres harvested:									
0.1 to 4.9 acres	farms	415	185	1	14	23	26	36	
5.0 to 24.9 acres	farms	304	165	1	18	5	13	79	
25.0 to 99.9 acres	farms	27	18	—	2	4	2	6	
100.0 acres or more	farms	—	—	—	—	—	—	4	
Land in orchards	farms acres	377 2 099	140 852	3 9	7 23	11 60	23 135	27 224	
Irrigated	farms acres	29 69	10 39	— (D)	1 (D)	2 (D)	2 22	3 3	
Farms by acres in orchards:									
0.1 to 4.9 acres	farms	245	91	2	7	8	15	16	
5.0 to 24.9 acres	farms	118	44	1	—	2	8	8	
25.0 to 99.9 acres	farms	14	5	—	—	1	—	3	
100.0 acres or more	farms	—	—	—	—	—	—	—	
Apples	farms total acres pounds	321 1 701 5 666 132	101 688 2 190 065	3 9 74 400	5 16 79 087	9 59 35 904	14 98 487 480	26 168 486 749	
								44 338 1 026 445	

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

Farms With Sales of Less Than \$20,000	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.							
Chickens 3 months old or older sold	farms number	95	2	7	28	8	22
Broilers and other meat-type chickens sold	farms number	9 906	(D)	(D)	2 255	474	5 233
Farms with—		31	—	4	11	4	3
1 to 1,999		31	—	4	11	4	3
2,000 to 15,999		—	—	—	—	—	—
16,000 to 29,999		—	—	—	—	—	—
30,000 or more		—	—	—	—	—	—
Turkey hens kept for breeding	farms number	8	—	2	2	2	—
Turkeys sold	farms number	41	—	(D)	(D)	(D)	—
	31	1	5	6	5	5	9
	1 029	(D)	(D)	103	48	227	552
CROPS HARVESTED							
Corn for all purposes	farms acres	264	2	17	75	87	68
	2 035	(D)	(D)	522	807	435	136
Tobacco	farms acres	5	—	1	1	—	2
	10	—	(D)	(D)	—	(D)	(D)
Irrigated	farms acres	19 500	—	(D)	(D)	—	(D)
Farms by acres harvested:		2	—	1	—	—	—
0.1 to 4.9 acres		4	—	1	1	—	1
5.0 to 24.9 acres		1	—	—	—	—	1
25.0 acres or more		—	—	—	—	—	—
Irish potatoes	farms acres	66	—	3	32	3	21
	81	—	12	34	7	20	7
Irrigated	farms acres	9 312	—	1 300	2 278	1 520	3 607
Farms by acres harvested:		4	—	2	—	—	—
0.1 to 0.9 acres		25	—	1	5	1	15
1.0 to 4.9 acres		37	—	1	26	1	5
5.0 to 24.9 acres		4	—	1	1	1	4
25.0 to 99.9 acres		—	—	—	—	—	—
100.0 acres or more		—	—	—	—	—	—
Hay crops (see text)	farms acres	1 438	19	112	424	380	329
	33 945	621	2 773	9 536	8 274	8 081	174
Irrigated	farms acres	51 610	1 129	3 650	13 800	11 869	14 667
Farms by acres harvested:		6	—	1	4	1	—
1 to 24 acres		865	4	67	287	230	185
25 to 99 acres		546	15	42	124	146	143
100 to 499 acres		27	—	3	13	4	1
500 acres or more		—	—	—	—	—	6
Alfalfa hay	farms acres	382	6	36	113	110	75
	5 223	52	379	1 712	1 334	1 204	42
Irrigated	farms acres	10 477	138	686	2 976	2 928	2 636
Farms by acres harvested:		3	—	—	—	3	—
1 to 24 acres		—	—	—	—	24	—
All vegetables harvested for sale (see text)	farms acres	378	7	40	61	98	128
	1 914	80	234	268	591	537	44
Irrigated	farms acres	92	—	3	13	25	38
Farms by acres harvested:		343	—	13	39	72	180
0.1 to 4.9 acres		230	4	26	40	58	74
5.0 to 24.9 acres		139	2	12	20	37	54
25.0 to 99.9 acres		9	1	2	1	3	14
100.0 acres or more		—	—	—	—	—	2
Land in orchards	farms acres	237	1	21	51	69	61
	1 247	(D)	(D)	222	301	464	34
Irrigated	farms acres	19	—	—	6	2	204
Farms by acres in orchards:		31	—	—	11	(D)	8
0.1 to 4.9 acres		154	1	16	35	48	33
5.0 to 24.9 acres		74	—	5	15	21	21
25.0 to 99.9 acres		9	—	—	1	—	12
100.0 acres or more		—	—	—	—	—	1
Apples	farms total acres pounds	220	1	19	47	67	55
	1 014	(D)	(D)	180	532 195	266 419 810	372 1 905 225
	3 476 067	(D)	(D)	—	—	—	394 770

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

Table 33. Summary by Size of Farm: 1978

(Excludes abnormal farms; see text)

All Farms**Farms and Land in Farms**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Farms	5 871	987	1 797	515	498	575
number	5 871	987	1 797	515	498	575
percent	100.0	16.8	30.6	8.7	8.4	9.7
Land in farms	667 037	4 128	47 244	30 110	41 189	66 897
acres	667 037	4 128	47 244	30 110	41 189	66 897
Average size of farm	114	4	26	58	83	116
Value of land and buildings ¹	5 871	930	1 897	504	529	465
farms	5 871	930	1 897	504	529	465
\$1,000.	967 514	58 734	187 095	68 557	75 687	81 037
Average per farm	164 795	63 154	98 627	136 025	143 075	174 272
dollars	164 795	63 154	98 627	136 025	143 075	174 272
Average per acre	1 427	14 960	3 722	2 321	1 731	1 506
Farms by value of land and buildings:						
\$1 to \$19,999	417	178	185	30	17	1
\$20,000 to \$39,999	640	215	290	40	34	32
\$40,000 to \$69,999	1 117	262	435	140	80	82
\$70,000 to \$99,999	947	136	455	64	125	65
\$100,000 to \$149,999	865	57	235	108	93	109
\$150,000 to \$199,999	502	40	112	35	62	41
\$200,000 to \$499,999	1 037	39	147	69	103	109
\$500,000 to \$999,999	242	2	32	14	9	23
\$1,000,000 or more	104	1	6	4	6	3
Owned and rented land by operator:						
Land owned	farms	5 513	891	1 697	482	446
acres	527 274	4 415	40 954	25 450	34 188	57 388
Land rented or leased from others	farms	2 042	174	458	166	193
acres	150 747	(D)	8 115	5 370	8 606	11 538
Land rented or leased to others	farms	392	36	89	29	43
acres	10 984	(D)	1 825	710	1 605	2 029
Land in Farms According to Use						
Total cropland	farms	5 506	811	1 690	484	478
acres	307 310	2 243	25 889	15 915	20 385	32 000
Harvested cropland	farms	5 087	714	1 484	449	458
acres	210 973	1 606	17 117	11 072	14 215	21 858
Farms by acres harvested:						
1 to 49 acres	3 863	714	1 484	409	366	383
50 to 99 acres	654	—	—	40	92	127
100 to 199 acres	414	—	—	—	—	30
200 to 499 acres	137	—	—	—	—	—
500 to 999 acres	16	—	—	—	—	—
1,000 to 1,999 acres	2	—	—	—	—	—
2,000 acres or more	1	—	—	—	—	—
Cropland:						
Pasture or grazing only	farms	2 497	134	715	225	243
acres	76 915	(D)	6 340	3 828	4 488	8 360
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	334	19	112	17	29
acres	3 988	32	570	100	345	345
On which all crops failed	farms	129	6	48	13	17
acres	828	8	135	131	86	53
In cultivated summer fallow	farms	105	6	27	12	18
acres	1 288	7	102	77	116	129
Idle	farms	740	76	248	63	75
acres	13 318	222	1 625	707	1 135	1 255
Total woodland	farms	3 565	127	966	379	368
acres	267 291	476	12 783	9 931	15 739	26 977
Woodland pastured	farms	989	41	217	95	75
acres	37 446	(D)	1 829	1 367	1 803	4 040
Woodland not pastured	farms	3 125	86	854	315	330
acres	229 845	(D)	10 954	8 564	13 936	22 937
Pastureland and rangeland other than cropland and woodland pastured	farms	702	17	132	72	65
acres	30 984	(D)	1 152	1 125	1 257	1 951
Land in house lots, ponds, roads, wasteland, etc.	farms	4 003	575	1 293	357	332
acres	61 452	1 358	7 420	3 139	3 808	5 969
Pastureland, all types	farms	3 194	186	885	297	312
acres	145 345	607	9 321	6 320	7 548	14 351
Irrigated land	farms	1 021	240	380	87	63
acres	16 893	476	2 573	1 172	1 184	1 684
Harvested cropland irrigated	farms	1 014	240	376	85	63
acres	16 725	(D)	2 470	(D)	(D)	(D)
Postureland irrigated	farms	10	—	6	2	—
acres	100	—	70	(D)	—	(D)
Other land irrigated	farms	18	1	12	—	2
acres	68	(D)	33	—	(D)	—
Land set aside in the federal farm programs in 1978	farms	48	1	8	1	3
acres	1 077	(D)	104	(D)	46	256
Race and Tenure of Operator						
All operators	number	5 871	987	1 797	515	498
Full owners	number	3 834	814	1 341	349	305
Part owners	number	1 678	76	356	133	141
Tenants	number	359	97	100	33	52
White	number	5 839	982	1 783	511	493
Full owners	number	3 809	810	1 329	347	301
Part owners	number	1 672	75	354	132	140
Tenants	number	358	97	100	32	52
Black and other races	number	32	5	14	4	5
Full owners	number	25	4	12	2	4
Part owners	number	6	1	2	1	1
Tenants	number	1	—	—	1	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**Farms and Land in Farms**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Farms	420	288	153	477	133	23	5
number	7.1	4.9	2.6	8.1	2.2	0.3	(Z)
percent							
Land in farms	65 845	57 149	36 773	168 486	83 854	29 128	36 234
Average size of farm	157	198	240	353	630	1 266	7 247
Value of land and buildings ¹	422	328	160	456	152	23	5
\$1,000	86 830	74 486	57 920	151 959	90 947	18 912	15 350
Average per farm	205 758	227 090	362 000	333 243	598 332	822 278	3 070 061
Average per acre	1 314	1 145	1 507	919	940	649	423
Farms by value of land and buildings:							
\$1 to \$19,999	6	—	—	—	—	—	—
\$20,000 to \$39,999	8	8	8	5	—	—	—
\$40,000 to \$69,999	58	19	6	28	7	—	—
\$70,000 to \$99,999	51	23	2	23	2	1	—
\$100,000 to \$149,999	101	67	33	54	8	—	—
\$150,000 to \$199,999	39	63	12	88	10	—	—
\$200,000 to \$499,999	132	126	69	175	62	5	1
\$500,000 to \$999,999	19	18	10	66	42	6	1
\$1,000,000 or more	8	4	20	17	21	11	3
Owned and rented land by operator:							
Land owned	farms	412	271	144	465	129	22
farms	54 039	45 244	27 822	120 590	61 244	21 826	34 114
acres							
Land rented or leased from others	farms	185	143	90	321	88	14
farms	13 448	12 624	9 239	48 667	22 950	(D)	(D)
acres							
Land rented or leased to others	farms	80	17	9	25	8	1
farms	1 642	719	288	771	340	(D)	(D)
acres							
Land in Farms According to Use							
Total cropland	farms	414	278	152	476	132	23
farms	34 856	25 057	16 598	81 098	37 248	10 069	5 952
acres							
Harvested cropland	farms	401	264	149	470	131	22
farms	21 163	17 608	12 051	54 251	26 538	8 002	5 492
acres							
Forms by acres harvested:							
1 to 49 acres	farms	208	120	51	108	18	1
farms	151	79	52	97	14	2	—
50 to 99 acres	farms	42	64	37	188	45	8
farms	—	1	9	77	46	4	—
100 to 199 acres	farms	—	—	—	—	8	2
farms	—	—	—	—	—	6	—
200 to 499 acres	farms	—	—	—	—	—	1
farms	—	—	—	—	—	—	—
500 to 999 acres	farms	—	—	—	—	—	—
farms	—	—	—	—	—	—	—
1,000 to 1,999 acres	farms	—	—	—	—	—	—
farms	—	—	—	—	—	—	—
2,000 acres or more	farms	—	—	—	—	—	1
Cropland:							
Pasture or grazing only	farms	243	162	93	284	99	10
farms	9 283	6 210	4 011	22 460	9 490	1 877	(D)
acres							
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	47	22	7	36	4	3
farms	475	459	(D)	961	200	47	(D)
acres							
On which all crops failed	farms	9	6	1	13	3	1
farms	47	111	(D)	174	(D)	(D)	—
acres							
In cultivated summer fallow	farms	7	8	3	8	2	—
farms	177	135	42	289	(D)	(D)	—
acres							
Idle	farms	93	24	17	69	7	2
farms	3 711	534	(D)	2 963	795	(D)	—
acres							
Total woodland	farms	323	252	129	417	116	20
farms	23 518	23 760	15 288	67 822	36 541	12 997	21 459
acres							
Woodland pastured	farms	87	84	40	149	61	4
farms	2 916	3 619	2 078	10 171	7 485	1 650	(D)
acres							
Woodland not pastured	farms	284	227	116	375	97	19
farms	20 602	20 141	13 210	57 651	29 056	11 347	(D)
acres							
Pastureland and rangeland other than cropland and woodland pastured	farms	65	65	39	112	41	6
farms	2 229	4 511	1 820	7 324	4 719	2 245	(D)
acres							
Land in house lots, ponds, roads, wasteland, etc.	farms	292	199	107	354	100	19
farms	5 242	3 821	3 067	12 242	5 346	3 817	6 223
acres							
Pastureland, all types	farms	300	209	116	373	119	15
farms	14 428	14 340	7 909	39 955	21 694	5 772	(D)
acres							
Irrigated land	farms	62	24	14	55	13	4
farms	1 382	565	752	3 459	(D)	636	(D)
acres							
Harvested cropland irrigated	farms	62	24	14	35	12	4
farms	1 382	565	752	3 445	618	636	(D)
acres							
Postureland irrigated	farms	—	—	—	—	1	—
farms	—	—	—	—	(D)	—	—
acres							
Other land irrigated	farms	—	—	—	3	—	—
farms	—	—	—	—	14	—	—
acres					—		
Land set aside in the federal farm programs in 1978	farms	11	3	1	6	4	1
farms	127	38	(D)	78	52	(D)	(D)
acres							
Race and Tenure of Operator							
All operators	number	420	288	153	477	133	23
number	235	146	64	156	45	9	3
percent							
Part owners	number	177	125	80	309	84	13
number							2
Tenants	number	8	17	9	12	4	1
number							—
White	number	419	287	153	476	133	23
number	234	145	64	156	45	9	3
percent							2
Part owners	number	177	125	80	308	84	13
Tenants	number	8	17	9	12	4	1
Black and other races	number	1	1	—	1	—	—
Full owners	number	1	1	—	—	—	—
Part owners	number	—	—	—	1	—	—
Tenants	number	—	—	—	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms by Type of Organization**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Individual or family	5 017	839	1 628	451	428	499
farms	489 437	3 565	42 879	26 468	35 461	57 968
acres						57 968
Partnership	247	51	91	39	35	48
farms	73 987	199	2 418	2 218	2 876	(D)
acres						
Corporations:						
Family held	325	85	69	18	28	22
farms	65 483	315	1 712	1 020	2 272	2 582
acres	6	2	—	—	1	—
More than 10 stockholders	319	83	69	18	27	22
farms	40	8	4	5	4	2
acres	20 949	27	94	(D)	326	(D)
10 or less stockholders	16	—	2	1	—	1
farms	24	8	2	4	4	1
acres	42	4	5	2	3	4
Other—cooperative, estate or trust, etc.	17 181	22	141	(D)	254	456
farms						
acres						

Operator Characteristics

Operators by place of residence:						
On farm operated	4 769	734	1 474	412	412	478
Not on farm operated	734	163	223	66	61	63
Operators by age group:						
Under 25 years	90	21	28	12	8	9
25 to 34 years	589	117	191	63	43	55
35 to 44 years	1 187	253	405	74	105	105
45 to 54 years	1 343	193	442	130	118	120
55 to 64 years	1 531	218	415	118	138	172
65 years and over	1 131	185	316	118	86	114
Average age	51.9	50.4	50.7	52.7	51.9	52.8
Operators by sex:						
Male	5 418	892	1 632	471	462	540
Female	453	95	165	44	36	35
Operators of Spanish origin	41	6	5	27	—	1
Operators by principal occupation:						
Farming	3 046	428	716	244	266	339
Other	2 825	559	1 081	271	232	236
Operators reporting days of work off farm:						
None	2 373	366	555	205	195	260
1 to 99 days	438	58	101	37	38	45
100 to 199 days	537	87	176	50	69	62
200 days or more	2 294	451	892	205	175	179

Farms by Size

1 to 9 acres	987	987	—	—	—	—
10 to 49 acres	1 797	—	1 797	—	—	—
50 to 69 acres	515	—	—	515	—	—
70 to 99 acres	498	—	—	—	498	—
100 to 139 acres	575	—	—	—	—	575
140 to 179 acres	420	—	—	—	—	—
180 to 219 acres	288	—	—	—	—	—
220 to 259 acres	153	—	—	—	—	—
260 to 499 acres	477	—	—	—	—	—
500 to 999 acres	133	—	—	—	—	—
1,000 to 1,999 acres	23	—	—	—	—	—
2,000 acres or more	5	—	—	—	—	—

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

Cash grain farms (011)	39	1	32	1	2	1
Field crop, except cash grain farms (013)	842	17	204	128	116	122
Cotton farms (0131)	—	—	—	—	—	—
Tobacco farms (0132)	31	2	11	2	3	3
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	811	15	193	126	113	119
Vegetable and melon farms (016)	651	139	309	60	63	28
Fruit and tree nut farms (017)	737	99	269	77	53	92
Horticultural specialty farms (018)	644	384	185	17	22	15
General farms, primarily crop (019)	270	5	157	14	25	27

Value of Agricultural Products Sold

Market value of agricultural products sold	forms	5 871	987	1 797	515	498	575
\$1,000		213 473	18 72	32 815	23 939	10 835	17 152
Farms by value of agricultural products sold:							
\$500,000 or more		49	3	10	4	—	—
\$200,000 to \$499,999		145	9	6	9	12	12
\$100,000 to \$199,999		293	32	18	15	14	29
\$40,000 to \$99,999		688	62	82	41	61	96
\$20,000 to \$39,999		565	59	148	53	52	83
\$10,000 to \$19,999		556	94	189	52	51	53
\$5,000 to \$9,999		714	132	222	53	52	73
\$2,500 to \$4,999		849	199	335	66	69	66
Less than \$2,500		2 012	397	774	225	190	163

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms by Type of Organization**

	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
Individual or family	farms acres	353 55 145	252 49 997	118 28 381	353 124 233	86 53 782	10 11 558
Partnership	farms acres	41 6 539	20 4 028	19 4 541	72 24 951	29 18 338	2 (D)
Corporations:							
Family held	farms acres	20 3 220	10 1 952	13 3 134	35 12 942	16 (D)	7 9 990
More than 10 stockholders	farms acres	— —	— —	— —	— —	1 1	— (D)
10 or less stockholders	farms acres	20 3	10 3	13 3	34 5	15 —	7 1
Other than family held	farms acres	474 3	588 —	717 1	1 796 5	— —	2 (D)
More than 10 stockholders	farms acres	3 —	— 3	1 2	— —	— 1	— (D)
10 or less stockholders	farms acres	— 3	— 3	— —	12 2	2 3	1 (D)
Other—cooperative, estate or trust, etc.	farms acres	467 —	584 —	— —	4 564 (D)	3 868 3 868	— (D)

Operator Characteristics

Operators by place of residence:							
On farm operated		364	245	126	390	115	19
Not on farm operated		32	31	21	55	11	3
Operators by age group:							
Under 25 years		4	3	2	3	—	—
25 to 34 years		25	30	7	37	18	2
35 to 44 years		70	45	25	77	23	5
45 to 54 years		83	63	36	125	25	5
55 to 64 years		140	85	46	152	40	6
65 years and over		98	62	37	83	27	5
Average age		55.0	53.1	55.4	53.1	53.0	52.8
Operators by sex:							
Male		394	272	144	456	127	23
Female		26	16	9	21	6	—
Operators of Spanish origin		—	2	—	—	—	—
Operators by principal occupation:							
Farming		236	193	113	371	117	20
Other		184	95	40	106	16	3
Operators reporting days of work off farm:							
None		176	146	91	272	91	14
1 to 99 days		47	36	13	45	14	4
100 to 199 days		23	30	12	20	6	2
200 days or more		157	65	31	120	15	2

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	—	—	—	—	—	—	—
180 to 219 acres	—	288	—	—	—	—	—
220 to 259 acres	—	—	153	—	—	—	—
260 to 499 acres	—	—	—	477	—	—	—
500 to 999 acres	—	—	—	—	133	—	—
1,000 to 1,999 acres	—	—	—	—	—	23	—
2,000 acres or more	—	—	—	—	—	—	5

Farms by Standard Industrial Classification (See Text)

Cash grain farms (011)	1	—	—	1	—	—	—
Field crop, except cash grain farms (013)	99	53	25	61	15	2	—
Cotton farms (0131)	—	—	—	—	—	—	—
Tobacco farms (0132)	4	1	1	4	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	95	52	24	57	15	2	—
Vegetable and melon farms (016)	23	10	4	12	2	1	—
Fruit and tree nut farms (017)	35	34	16	46	9	5	2
Horticultural specialty farms (018)	4	5	2	8	2	—	—
General farms, primarily crop (019)	15	10	2	14	1	—	—
Livestock farms, except dairy, poultry, and animal specialty (021)	118	61	24	104	21	3	1
Beef cattle farms, except feedlots (0212)	93	32	13	79	13	—	—
Dairy farms (024)	98	105	72	217	78	11	2
Poultry and egg farms (025)	6	3	2	2	2	—	—
Animal specialty farms (027)	9	4	5	6	—	—	—
General farms, primarily livestock (029)	12	3	1	6	3	1	—

Value of Agricultural Products Sold

Market value of agricultural products sold	farms \$1,000	420	288	153	477	133	23	5
Forms by value of agricultural products sold:		16 038	11 732	10 373	39 562	20 980	5 985	5 270
\$500,000 or more		3	1	3	10	7	5	3
\$200,000 to \$499,999		10	5	5	36	26	7	1
\$100,000 to \$199,999		27	24	18	81	30	5	—
\$40,000 to \$99,999		68	81	44	120	31	2	—
\$20,000 to \$39,999		43	28	30	55	14	—	—
\$10,000 to \$19,999		36	24	12	37	7	1	—
\$5,000 to \$9,999		75	32	11	57	6	—	1
\$2,500 to \$4,999		40	30	5	32	6	1	—
Less than \$2,500		118	63	25	49	6	2	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

Market value of agricultural products sold—Con.

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Grain	99	1	45	5	13	9
Sales of \$40,000 or more	\$1,000 farms 365	(D) 2	50 —	14 —	41 —	31 —
Commodity Credit Corporation loans	\$1,000 farms (D) 1	(D) —	— —	— —	— —	— —
Cotton and cottonseed	\$1,000 farms —	(D) —	— —	— —	— —	— —
Sales of \$40,000 or more	\$1,000 farms —	(D) —	— —	— —	— —	— —
Commodity Credit Corporation loans	\$1,000 farms —	(D) —	— —	— —	— —	— —
Tobacco	44	2	14	3	4	6
Sales of \$40,000 or more	\$1,000 farms 6 985	(D) 17	257 2	70 1	376 2	258 2
Field seeds, hay, forage, and silage	\$1,000 farms 6 589	(D) 1 269	(D) 12	(D) 270	(D) 176	(D) 170
Sales of \$40,000 or more	\$1,000 farms 4 663	(D) 8	488 —	351 —	464 —	731 —
Vegetables, sweet corn, and melons	\$1,000 farms 1 086	(D) 13 659	441 553	92 3 535	96 1 697	74 1 667
Sales of \$40,000 or more	\$1,000 farms 6 851	(D) 77	7 395	13 972	14 971	20 1 611
Fruits, nuts, and berries	940	115	346	94	87	107
Sales of \$40,000 or more	\$1,000 farms 30 331	(D) 165	2 673 8	1 382 10	1 713 19	3 772 38
Nursery and greenhouse products	\$1,000 farms 24 780	(D) 797	532 400	641 36	1 301 40	3 074 37
Sales of \$40,000 or more	\$1,000 farms 41 086	(D) 188	12 902 88	3 881 59	1 258 9	1 037 9
Other crops	\$1,000 farms 35 904	(D) 181	10 186 18	3 644 51	1 043 13	797 46
Sales of \$40,000 or more	\$1,000 farms 3 394	(D) 16	273 —	86 —	95 —	350 5
Poultry and poultry products	566	114	206	73	53	42
Sales of \$40,000 or more	\$1,000 farms 18 584	(D) 77	3 341 11	1 602 27	1 222 8	1 528 9
Dairy products	\$1,000 farms 17 144	(D) 920	2 939 12	1 369 71	1 179 36	1 454 69
Sales of \$40,000 or more	\$1,000 farms 61 184	(D) 510	861 —	1 010 8	2 339 8	5 102 43
Cattle and calves	\$1,000 farms 53 599	(D) 2 047	— 78	647 347	1 483 148	3 598 191
Sales of \$40,000 or more	\$1,000 farms 12 498	(D) 43	233 1	861 4	865 4	1 653 7
Hogs and pigs	545	78	171	56	61	58
Sales of \$40,000 or more	\$1,000 farms 5 611	(D) 29	1 232 1	745 5	597 4	455 2
Sheep, lambs, and wool	\$1,000 farms 3 401	(D) 334	710 32	516 150	393 28	(D) 33
Sales of \$40,000 or more	\$1,000 farms —	(D) —	— —	— —	— —	— —
Other livestock and livestock products (see text)	\$1,000 farms 14 876	(D) 17	210 745	52 1 168	12 215 12 215	183 2
Sales of \$40,000 or more	\$1,000 farms 13 038	(D) 372	— 236	— 12 117	— (D)	— (D)
SELECTED FARM PRODUCTION EXPENSES¹						
Livestock and poultry purchased	farms \$1,000 2 033	247	526	203	219	200
Farms with expenses of—	\$1,000 11 358	664	1 392	2 615	873	1 029
\$1 to \$4,999	1 659	225	469	169	186	166
\$5,000 to \$19,999	269	18	44	23	23	22
\$20,000 to \$49,999	71	3	11	2	8	7
\$50,000 or more	34	1	2	9	2	5
Feed for livestock and poultry	farms \$1,000 3 303	349	868	301	320	298
Forms with expenses of—	\$1,000 40 209	2 481	4 789	4 450	2 159	2 691
\$1 to \$4,999	2 239	297	771	252	236	194
\$5,000 to \$19,999	553	44	58	25	59	72
\$20,000 to \$49,999	353	3	24	14	17	22
\$50,000 or more	158	5	15	10	8	10
Commercially mixed formula feeds	farms \$1,000 2 173	195	522	181	192	185
Forms by tons purchased:	tons 219 258	14 604	25 724	19 216	9 618	12 978
1 to 99 tons	1 593	176	490	168	164	150
100 to 499 tons	513	16	21	9	25	30
500 tons or more	67	3	11	4	3	5
Forms with expenses of—	\$1,000 33 270	2 191	3 711	3 889	1 617	1 936
\$1 to \$4,999	1 256	147	444	148	121	113
\$5,000 to \$19,999	530	41	54	21	60	46
\$20,000 to \$49,999	270	2	10	4	6	19
\$50,000 or more	117	5	14	8	5	7

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

Market value of agricultural products sold—Con.

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Grain	2	4	—	15	3	2	—
Sales of \$40,000 or more	\$1,000 forms	(D) 12	—	142	57	(D)	—
Commodity Credit Corporation loans	\$1,000 forms	—	—	(D)	(D)	—	—
Cotton and cottonseed	\$1,000 forms	—	—	(D)	—	—	—
Sales of \$40,000 or more	\$1,000 forms	—	—	—	—	—	—
Commodity Credit Corporation loans	\$1,000 forms	—	—	—	—	—	—
Tobacco	forms \$1,000	6 2 002	1 (D)	1 3 003	1 (D)	—	—
Sales of \$40,000 or more	\$1,000 forms	4 1 967	1 (D)	2 944	—	—	—
Field seeds, hay, forage, and silage	forms \$1,000	137 621	88 385	132 257	39 917	4 387	(D)
Sales of \$40,000 or more	\$1,000 forms	1 (D)	—	5 211	2 (D)	—	—
Vegetables, sweet corn, and melons	forms \$1,000	79 1 409	40 616	71 264	9 1 698	4 100	126
Sales of \$40,000 or more	\$1,000 forms	6 849	3 359	2 (D)	1 401	2 (D)	—
Fruits, nuts, and berries	forms \$1,000	47 2 638	48 2 548	16 1 855	6 674	5 1 667	2 (D)
Sales of \$40,000 or more	\$1,000 forms	19 2 304	18 2 225	11 1 825	30 6 264	5 1 551	2 (D)
Nursery and greenhouse products	forms \$1,000	15 (D)	9 (D)	2 12 (D)	3 2 118	— 2 439	—
Sales of \$40,000 or more	\$1,000 forms	2 (D)	3 (D)	6 2 077	2 (D)	—	—
Other crops	forms \$1,000	7 60	5 114	6 46	4 999	4 (D)	—
Sales of \$40,000 or more	\$1,000 forms	1 (D)	—	6 2 (D)	2 (D)	—	—
Poultry and poultry products	forms \$1,000	17 2 005	18 339	15 786	5 1 304	— 713	—
Sales of \$40,000 or more	\$1,000 forms	4 2 (D)	2 (D)	3 1 269	5 (D)	—	—
Dairy products	forms \$1,000	1 922 5 243	105 6 122	130 4 580	13 18 898	13 12 485	2 2 929 (D)
Sales of \$40,000 or more	\$1,000 forms	51 3 979	72 5 331	45 3 818	12 17 708	12 12 270	2 2 929 (D)
Cattle and calves	forms \$1,000	251 1 156	175 857	102 724	15 2 994	15 1 825	2 356 (D)
Sales of \$40,000 or more	\$1,000 forms	4 364	1 (D)	4 249	3 501	2 10 739	(D)
Hogs and pigs	forms \$1,000	25 327	30 124	12 121	8 738	3 639	250
Sales of \$40,000 or more	\$1,000 forms	2 (D)	—	5 570	3 608	1 (D)	—
Sheep, lambs, and wool	forms \$1,000	13 8	12 6	8 3	16 45	1 (D) (D)	(D)
Sales of \$40,000 or more	\$1,000 forms	—	—	—	—	—	—
Other livestock and livestock products (see text)	forms \$1,000	32 182	18 76	11 51	5 32	2 (D) (D)	—
Sales of \$40,000 or more	\$1,000 forms	2 (D)	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	forms \$1,000	150 833	127 376	74 872	201 1 316	75 796	9 (D) (D)
Farms with expenses of—							
\$1 to \$4,999		122	103	43	136	35	4 1
\$5,000 to \$19,999		17	21	22	48	29	2 —
\$20,000 to \$49,999		7	3	8	14	7	1 —
\$50,000 or more		4	—	1	3	4	2 1
Feed for livestock and poultry	forms \$1,000	297 4 252	239 3 007	107 2 071	374 8 027	131 4 784	16 1 120
Farms with expenses of—							3 378
\$1 to \$4,999		142	124	39	137	43	4 —
\$5,000 to \$19,999		102	56	32	83	21	1 —
\$20,000 to \$49,999		44	52	28	113	33	3 —
\$50,000 or more		9	7	8	41	34	9 2
Commercially mixed formula feeds	forms \$1,000	199 23 843	181 17 359	84 12 867	307 46 312	112 27 654	13 4 043
Farms by tons purchased:							
1 to 99 tons		125	96	36	148	39	1 —
100 to 499 tons		71	83	46	151	54	7 —
500 tons or more		3	2	2	8	19	5 2
Farms with expenses of—							
\$1 to \$4,999		83	71	17	84	27	1 —
\$5,000 to \$19,999		75	70	39	97	27	— —
\$20,000 to \$49,999		36	36	24	101	29	3 3
\$50,000 or more		5	4	4	25	29	9 2

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Animal health costs	forms \$1,000	2 478 1 500	199 53	679 198	178 193	209 82
Farms with expenses of—						
\$1 to \$499		1 791	184	598	156	164
\$500 to \$999		305	10	37	11	18
\$1,000 to \$2,999		309	4	33	9	25
\$3,000 or more		73	1	11	2	2
Seeds, bulbs, plants, and trees	forms \$1,000	3 034 7 812	524 1 806	811 2 964	200 507	267 244
Farms with expenses of—						
\$1 to \$999		2 169	320	632	149	218
\$1,000 to \$4,999		638	136	98	38	36
\$5,000 to \$9,999		123	26	50	8	11
\$10,000 or more		104	42	31	5	2
Commercial fertilizer	forms \$1,000	3 989 7 250	495 201	1 308 728	308 335	346 471
Farms with expenses of—						
\$1 to \$2,499		3 234	490	1 256	282	297
\$2,500 to \$9,999		640	3	50	24	40
\$10,000 to \$19,999		81	1	2	2	9
\$20,000 or more		34	1	—	—	1
Other agricultural chemicals including lime	forms \$1,000	3 772 4 007	520 126	1 275 506	249 225	304 263
Farms with expenses of—						
\$1 to \$2,499		3 438	516	1 236	231	281
\$2,500 to \$9,999		272	1	38	16	22
\$10,000 to \$19,999		37	2	1	2	—
\$20,000 or more		25	1	—	—	1
Energy and petroleum products	forms \$1,000	5 832 15 934	919 2 111	1 897 3 898	498 1 749	518 781
Farms with expenses of—						
\$1 to \$2,499		4 563	801	1 716	406	452
\$2,500 to \$9,999		1 016	65	142	82	56
\$10,000 to \$19,999		138	20	10	4	6
\$20,000 or more		115	33	29	6	7
Petroleum products	forms \$1,000	5 825 11 954	918 1 808	1 891 3 170	498 1 203	518 605
Gasoline	forms \$1,000	5 516	769	1 827	483	502
Diesel fuel	forms \$1,000	4 789	410	940	357	330
LP gas, butane, and propane	forms \$1,000	1 725 488	60 67	339 131	134 40	151 57
Fuel oil	forms \$1,000	1 108 1 096	24 224	99 327	75 63	58 56
Natural gas	forms \$1,000	4 447 149	1 208 77	1 881 17	506 14	121 6
Kerosene, motor oil, and grease	forms \$1,000	5 824 924	917 100	1 891 165	498 217	518 54
Electricity	forms \$1,000	3 834 3 849	494 285	1 146 702	315 539	287 171
Other—coal, wood, coke, etc.	forms \$1,000	377 131	51 18	107 26	29 7	24 4
Hired farm labor	forms \$1,000	2 754 40 287	285 2 704	752 6 905	213 7 143	245 1 798
Farms with expenses of—						
\$1 to \$4,999		1 738	189	603	137	175
\$5,000 to \$19,999		650	62	99	40	56
\$20,000 to \$49,999		231	23	21	21	21
\$50,000 or more		135	11	29	15	4
Workers by number of days worked:						
150 days or more	forms workers	1 439 6 028	144 499	311 1 194	98 724	86 260
Less than 150 days	forms workers	2 234 17 418	218 764	610 3 382	182 1 721	219 1 142
Contract labor	forms \$1,000	1 469 1 658	55 60	147 396	58 78	44 170
Farms with expenses of—						
\$1 to \$2,499		334	51	114	53	28
\$2,500 to \$9,999		103	4	29	5	12
\$10,000 to \$19,999		12	—	—	—	3
\$20,000 or more		20	—	4	—	1
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000	1 173 1 690	71 49	365 186	114 577	107 66
Farms with expenses of—						
\$1 to \$2,499		1 077	64	357	107	104
\$2,500 to \$9,999		75	7	8	6	3
\$10,000 to \$19,999		17	—	—	—	—
\$20,000 or more		4	—	—	1	—
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services	forms \$1,000	411 836	26 66	96 207	40 65	52 163
Value of agricultural products sold directly to individuals for human consumption	forms \$1,000	1 250 9 745	199 397	416 1 873	112 1 184	127 515
See footnote at end of table.						

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

(Excludes abnormal farms; see text)

All Farms	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs— farms \$1,000	225 128	190 120	92 67	338 300	121 196	16 40	3 38
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,999 \$3,000 or more	136 57 29 3	107 38 42 3	54 15 17 6	167 75 75 21	39 25 41 16	4 — 8 4	— — 2 1
Seeds, bulbs, plants, and trees— farms \$1,000	256 221	201 194	108 150	335 948	111 301	17 (D)	2 (D)
Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 or more	206 45 3 2	140 57 2 2	68 34 5 1	220 98 10 7	62 45 2 2	4 10 1 2	1 1 — —
Commercial fertilizer— farms \$1,000	300 705	254 623	130 434	363 1 758	133 980	21 323	5 154
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	219 76 2 3	160 90 4 —	65 60 4 1	167 158 27 11	29 76 20 8	7 3 5 6	1 — 1 3
Other agricultural chemicals including lime— farms \$1,000	274 339	214 273	127 271	361 883	125 298	20 246	4 226
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	248 19 4 3	189 20 5 —	88 36 1 2	286 58 9 8	94 24 5 2	5 8 4 3	— 1 — 3
Energy and petroleum products— farms \$1,000	417 1 020	328 788	160 609	451 2 267	152 1 088	23 307	5 216
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	287 113 12 5	200 119 8 1	83 65 10 2	188 218 31 14	55 64 25 8	6 6 4 7	1 — 1 3
Petroleum products— farms \$1,000	417 708	328 521	160 400	451 1 597	152 777	23 211	5 138
Gasoline— farms \$1,000	409 386	321 307	160 216	423 824	152 397	22 94	5 64
Diesel fuel— farms \$1,000	198 90	162 80	92 59	298 264	116 206	19 52	3 28
LP gas, butane, and propane— farms \$1,000	25 86	24 7	28 54	55 170	27 (D)	4 12	— (D)
Fuel oil— farms \$1,000	66 85	71 72	44 40	83 177	37 (D)	12 35	1 (D)
Natural gas— farms \$1,000	5 12	5 3	10 1	8 39	1 (D)	— —	2 (D)
Kerosene, motor oil, and grease— farms \$1,000	417 49	328 52	160 31	451 122	152 51	23 19	5 11
Electricity— farms \$1,000	322 292	244 256	138 205	408 660	132 (D)	18 (D)	.3 77
Other—coal, wood, coke, etc.— farms \$1,000	46 21	19 12	9 4	31 9	22 (D)	2 (D)	— —
Hired farm labor— farms \$1,000	239 2 782	216 2 077	105 2 070	303 6 823	125 3 834	19 1 102	5 1 228
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$19,999 \$20,000 to \$49,999 \$50,000 or more	155 54 21 9	130 63 15 8	56 31 12 6	96 132 50 25	29 53 31 12	1 8 4 6	— 1 — 4
Workers by number of days worked: 150 days or more— farms workers	113 551	125 369	67 339	228 1 044	108 491	17 113	5 81
Less than 150 days— farms workers	209 2 006	164 1 080	87 1 042	230 3 069	97 850	16 369	4 307
Contract labor— farms \$1,000	26 126	24 236	23 62	36 386	16 (D)	2 (D)	— —
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	16 6 2 2	— 17 6 1	16 6 — 1	16 10 — 10	9 7 — —	1 1 — —	— — — —
Customwork, machine hire, and rental of machinery and equipment— farms \$1,000	82 102	99 138	51 91	125 233	60 127	7 (D)	1 (D)
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	69 11 2 —	91 6 1 —	43 5 3 —	102 16 6 —	48 9 3 —	3 3 1 —	— — — —
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services— farms \$1,000	25 26	31 56	20 21	56 130	13 (D)	1 (D)	— —
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000	85 915	64 974	27 116	92 1 050	20 (D)	2 (D)	— —

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Estimated market value of all machinery and equipment — farms \$1,000	5 868 126 455	929 8 774	1 897 23 656	504 10 032	528 9 206	464 9 319
Farms by value group:						
\$1 to \$4,999	997	304	422	68	43	58
\$5,000 to \$9,999	1 862	331	744	204	195	135
\$10,000 to \$19,999	1 190	181	429	88	139	107
\$20,000 to \$49,999	1 166	103	245	108	107	116
\$50,000 to \$99,999	452	8	38	20	32	40
\$100,000 to \$199,999	152	2	10	14	11	8
\$200,000 to \$499,999	44	—	9	—	1	—
\$500,000 or more	5	—	—	2	—	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles — farms	3 149	424	916	228	279	237
Motortrucks, including pickups — farms	4 356 4 848	537 696	1 205 1 514	322 373	399 435	315 427
Wheel tractors — farms	9 838	1 022	2 516	672	848	902
number —						
2 or 3 — farms	4 733	501	1 479	417	467	416
number —	10 818	707	2 667	887	981	964
4 or more — farms	2 051	127	521	198	243	247
number —	4 789	281	1 172	444	534	561
5 or more — farms	857	13	134	67	65	61
number —	4 204	65	671	291	288	295
Grain and bean combines, self-propelled only — farms	32	—	6	—	7	—
number —	46	—	6	—	21	—
Cornpickers, corn heads, and picker-shellers — farms	188	11	10	5	20	9
number —	214	14	12	5	23	11
Corn heads for combines — farms	106	6	6	5	10	8
number —	112	6	6	5	10	(D)
Other cornpickers and picker-shellers — farms	97	8	5	—	12	2
number —	102	8	6	—	13	(D)
Cottonpickers — farms	—	—	—	—	—	—
number —	—	—	—	—	—	—
Mower conditioners — farms	1 423	45	219	64	140	174
number —	1 554	45	235	64	149	211
Pickup balers — farms	1 761	28	250	108	228	215
number —	1 880	28	264	108	233	254
Field forage harvesters, shear bar or flywheel type — farms	996	16	107	47	110	108
number —	1 171	16	112	56	134	123

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime — farms	4 509	610	1 556	326	393	350
number —	11 257	326	1 235	560	734	887
Commercial fertilizer — farms	3 808	411	1 260	299	335	314
acres on which used —	153 311	988	13 175	6 243	8 988	11 407
Lime — farms	1 864	248	525	96	143	151
acres on which used —	41 304	525	3 774	1 109	2 296	2 572
tons —	65 084	824	5 319	1 770	3 453	4 382
Sprays, dusts, granules, fumigants, etc. to control —						
Insects on hay and other crops — farms	1 791	257	753	120	150	140
acres on which used —	41 911	473	5 767	2 447	3 511	3 523
Nematodes in crops — farms	205	26	68	10	23	15
acres on which used —	4 850	41	343	31	249	272
Diseases in crops and orchards — farms	1 108	178	446	85	83	105
acres on which used —	22 791	351	2 956	1 379	1 526	2 443
Weeds, grass, or brush in crops and pasture — farms	1 753	103	457	105	187	121
acres on which used —	58 648	280	3 868	1 474	3 801	3 137

Chemicals for —

Defoliation or for growth control of crops, or thinning of fruit — farms	209	15	71	17	25	18
acres on which used —	6 352	45	464	244	378	243
Insect control on livestock and poultry — farms	1 318	118	356	49	119	120
Sanitation and rodent and bird control — farms	1 152	105	304	66	113	129

LIVESTOCK

Cattle and calves inventory — farms	2 584	133	598	200	280	309
number —	100 909	1 479	4 991	3 252	5 242	8 825
Farms with —						
1 to 9 —	1 039	85	452	99	135	81
10 to 49 —	885	45	139	89	123	176
50 to 99 —	378	3	7	11	16	41
100 to 199 —	215	—	—	—	4	10
200 to 499 —	62	—	—	1	2	1
500 or more —	5	—	—	—	—	—
Cows and heifers that had calved — farms	2 235	111	474	163	236	266
number —	59 735	985	2 271	1 841	3 075	5 348
Beef cows — farms	1 298	93	394	117	144	143
number —	10 200	745	1 297	938	853	1 094
Farms with —						
1 to 9 —	1 005	64	379	83	121	103
10 to 49 —	279	29	15	34	22	40
50 to 99 —	10	—	—	—	1	—
100 to 199 —	3	—	—	—	—	—
200 to 499 —	1	—	—	—	—	—
500 or more —	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Estimated market value of all machinery and equipment—farms \$1,000	422	328	160	456	152	23	5
Farms by value group:							
\$1 to \$4,999	52	25	13	10	1	1	—
\$5,000 to \$9,999	122	65	6	50	9	1	—
\$10,000 to \$19,999	70	53	35	73	13	1	1
\$20,000 to \$49,999	116	111	66	134	52	7	1
\$50,000 to \$99,999	50	67	22	131	42	2	—
\$100,000 to \$199,999	10	7	12	47	23	8	—
\$200,000 to \$499,999	2	—	6	11	11	2	2
\$500,000 or more	—	—	—	—	1	1	1

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles—farms	278	240	108	314	113	10	2
number	382	340	162	458	214	(D)	(D)
Motortrucks, including pickups—farms	350	302	145	435	145	21	5
number	781	676	397	1,312	516	111	85
Wheel tractors—farms	383	307	160	431	146	21	5
number	951	931	470	1,450	666	114	30
2 or 3—farms	218	165	86	192	50	4	—
number	520	413	217	513	123	11	—
4 or more—farms	70	103	49	179	96	15	5
number	336	479	228	877	543	101	30
Grain and bean combines, self-propelled only—farms	—	1	5	9	1	3	—
number	—	(D)	5	9	(D)	(D)	—
Cornpickers, corn heads, and picker-shellers—farms	22	26	8	52	20	5	—
number	22	29	8	58	26	6	—
Corn heads for combines—farms	10	13	7	28	10	3	—
number	10	16	(D)	28	12	3	—
Other cornpickers and picker-shellers—farms	12	13	1	29	12	3	—
number	12	13	(D)	30	14	3	—
Cottonpickers—farms	—	—	—	—	—	—	—
number	—	—	—	—	—	—	—
Mower conditioners—farms	133	179	73	276	108	10	2
number	135	200	83	286	132	(D)	(D)
Pickup boilers—farms	198	182	120	296	122	12	2
number	213	190	124	305	145	(D)	(D)
Field forage harvesters, shear bar or flywheel type—farms	97	106	76	224	91	12	2
number	105	124	90	260	133	(D)	(D)

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime—farms	328	260	136	384	140	21	5
\$1,000	1 045	896	705	2 641	1 278	569	380
Commercial fertilizer—farms	300	244	123	363	133	21	5
acres on which used	14 358	13 970	10 157	37 970	23 690	6 273	6 092
Lime—farms	173	119	96	219	84	7	3
acres on which used	4 352	2 889	3 050	10 276	5 348	1 235	3 878
tons	6 424	5 080	4 895	17 308	9 786	1 385	4 458
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops—farms	69	64	34	138	48	14	4
acres on which used	2 881	2 432	1 883	9 533	4 389	2 380	2 692
Nematodes in crops—farms	17	9	8	14	10	5	—
acres on which used	373	396	386	987	955	817	—
Diseases in crops and orchards—farms	67	47	18	49	23	7	—
acres on which used	3 068	1 888	1 474	4 864	1 194	1 648	—
Weeds, grass, or brush in crops and pasture—farms	162	149	100	249	100	16	4
acres on which used	4 634	5 048	4 775	15 854	7 950	4 018	3 809

Chemicals for—

Defoliation or for growth control of crops, or thinning of fruit—farms	11	10	11	16	10	5	—
acres on which used	444	617	855	1 671	421	970	—
Insect control on livestock and poultry—farms	132	96	57	187	71	11	2
Sanitation and rodent and bird control—farms	136	59	26	142	64	7	1

LIVESTOCK

Cattle and calves inventory—farms	277	189	109	362	109	15	3
number	8 708	9 760	6 546	30 811	16 379	3 446	1 470
Farms with—							
1 to 9	106	30	13	32	4	1	1
10 to 49	103	74	39	78	17	2	—
50 to 99	52	60	35	131	22	—	—
100 to 199	14	22	21	100	41	3	—
200 to 499	2	3	1	21	21	9	1
500 or more	—	—	—	—	4	—	1
Cows and heifers that had calved—farms	249	174	105	332	107	15	3
number	5 114	5 861	4 186	18 039	9 955	2 217	843
Beef cows—farms	115	86	33	137	33	2	1
number	693	824	337	2 696	706	(D)	(D)
Farms with—							
1 to 9	93	64	19	59	17	2	1
10 to 49	22	20	14	70	13	—	—
50 to 99	—	1	—	7	1	—	—
100 to 199	—	—	—	1	2	—	—
200 to 499	—	1	—	—	—	—	—
500 or more	—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Cattle and calves inventory — Con.						
Cows and heifers that had calved — Con.						
Milk cows	farms number	1 343 49 535	53 240	178 974	68 903	151 2 222
Farms with —						
1 to 4		481	43	145	38	89
5 to 9		41	1	7	2	9
10 to 49		448	9	25	25	43
50 to 99		263	—	1	2	8
100 to 199		87	—	—	1	1
200 to 499		22	—	—	—	—
500 or more		1	—	—	—	—
Heifers and heifer calves	farms number	1 846 32 421	42 286	416 1 730	110 852	174 1 400
Steers, steer calves, bulls, and bull calves	farms number	1 530 8 753	48 208	345 990	113 559	180 767
Cattle and calves sold	farms number	2 047 53 283	78 893	347 2 431	148 3 134	191 3 094
Calves	farms number	12 498 1 490	233 55	629 208	861 95	865 121
Cattle	farms number	29 872 2 486	532 100	1 175 103	1 662 208	1 622 197
Fattened on grain and concentrates	farms number	1 751 23 411	70 361	293 1 256	114 1 472	170 1 472
Hogs and pigs inventory	farms number	318 10 011	10 133	93 526	30 653	46 668
Hogs and pigs sold	farms number	2 751 1 274	43 15	332 136	117 35	361 67
Feeder pigs sold	farms number	902 59 452	116 4 331	338 14 191	76 7 588	80 5 799
Litters of pigs farrowed between —						
Dec. 1 of preceding year and Nov. 30	farms number	607 126	77 17	252 38	35 18	56 10
50 to 99		52	7	14	11	5
100 to 199		39	12	9	3	4
200 to 499		49	2	21	4	2
500 or more		29	1	4	5	1
Used or to be used for breeding	farms number	360 7 416	66 511	93 1 513	33 798	38 796
Other	farms number	854 52 036	114 3 820	331 12 678	73 6 790	75 5 003
Sheep and lambs of all ages inventory	farms number	545 66 497	78 4 260	171 14 782	56 8 030	58 7 958
Ewes 1 year old or older	farms number	5 611 5 219	384 40	745 59	597 19	455 20
Sheep and lambs sold	farms number	14 385 4 464	787 23	3 874 131	1 439 43	2 910 96
Sheep and lambs shorn	farms pounds of wool	5 822 39 697	328 2 876	1 553 11 290	661 4 348	468 3 320
Horses and ponies inventory	farms number	1 382 8 049	141 615	525 2 950	116 584	124 631
Horses and ponies sold	farms number	396 1 213	107 216	159 434	23 121	25 52
Goats inventory	farms number	1 639 222	200 60	836 87	70 19	34 13
Goats sold	farms number	1778 1 121	484 303	807 482	64 35	277 238
Hens and pullets of laying age	farms number	97 49	26 18	47 20	6 1	8 7

POULTRY

Chickens 3 months old or older inventory	farms number	935 1 498 358	135 312 351	367 411 279	91 160 435	72 72 529
Farms with —						
1 to 399		810	111	325	68	63
400 to 3,199		65	16	26	8	3
3,200 to 9,999		27	4	5	10	4
10,000 to 19,999		14	3	3	4	1
20,000 to 49,999		12	—	6	—	2
50,000 to 99,999		5	—	2	1	—
100,000 or more		2	1	—	—	—
Hens and pullets of laying age	farms number	915 1 302 380	134 305 615	363 377 021	86 129 549	66 54 231
Pullets 3 months old or older not of laying age	farms number	228 195 978	37 6 736	125 34 258	26 30 886	14 18 298

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**LIVESTOCK** — Con.

Cattle and calves inventory—Con.

Cows and heifers that had calved—Con.

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Milk cows	164 4 421	121 5 037	83 3 849	247 15 343	90 9 249	14 (D)	2 (D)
Farms with—							
1 to 4	58	15	11	20	5	2	—
5 to 9	3	2	—	6	1	—	—
10 to 49	74	60	39	72	16	—	—
50 to 99	26	38	29	109	33	—	—
100 to 199	3	6	3	36	25	7	—
200 to 499	—	—	1	4	10	5	1
500 or more	—	—	—	—	—	—	1
Heifers and heifer calves	215 2 821	155 3 340	92 2 132	302 10 063	99 5 720	15 (D)	2 (D)
Steers, steer calves, bulls, and bull calves	146 773	122 559	54 228	242 2 709	80 704	12 (D)	1 (D)
Cattle and calves sold	251 5 285	175 4 345	102 3 457	354 14 117	106 7 819	15 (D)	2 (D)
Calves	156 3 031	857 2 578	724 2 114	290 7 892	186 4 477	1825 (D)	13 (D)
Cattle	199 2 254	131 1 767	83 1 343	290 6 225	96 3 342	13 (D)	2 (D)
Fattened on grain and concentrates	264 892	157 700	126 598	487 2 508	243 1 582	243 (D)	—
Hogs and pigs inventory	194 \$1,000 2 896	157 1 767	86 1 343	322 6 225	100 3 342	11 (D)	2 (D)
Farms with—							
1 to 9	45	36	9	46	9	2	—
10 to 49	6	11	1	8	—	—	—
50 to 99	3	—	2	—	1	—	—
100 to 199	2	1	—	1	—	1	—
200 to 499	2	—	5	5	1	—	—
500 or more	2	1	—	6	3	1	—
Used or to be used for breeding	20 389	25 392	7 184	23 804	8 1 093	3 208	—
Other	53 2 507	39 658	16 1 762	63 7 099	12 6 213	3 1 288	—
Hogs and pigs sold	25 3 654	30 2 129	12 1 889	43 9 237	8 6 606	3 2 499	—
Feeder pigs sold	327 602	124 1 137	121 393	738 1 827	639 (D)	250 (D)	—
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	22 500	26 434	8 263	34 1 247	8 1 007	3 296	—
Dec. 1 and May 31	18 244	26 316	7 113	33 625	7 (D)	2 (D)	—
June 1 and Nov. 30	15 256	16 118	6 150	25 622	7 (D)	3 (D)	—
Sheep and lambs of all ages inventory	37 292	12 184	8 137	23 867	13 (D)	1 (D)	—
Ewes 1 year old or older	36 237	12 139	8 85	18 736	11 (D)	1 (D)	—
Sheep and lambs sold	8 174	8 121	8 42	16 523	11 (D)	1 (D)	—
Sheep and lambs shorn	12 190	11 173	8 125	15 840	11 (D)	1 (D)	—
pounds of wool	1 535	1 212	798	5 453	(D)	(D)	(D)
Horses and ponies inventory	124 1 423	55 295	28 165	86 441	30 134	6 (D)	1 (D)
Horses and ponies sold	21 171	10 27	4 17	12 34	3 (D)	2 (D)	—
Goats inventory	174 32	44 20	49 22	28 (D)	5 (D)	2 (D)	—
Goats sold	3 (Z)	1 (D)	1 (D)	1 (D)	— (D)	— (D)	— (D)

POULTRY

Chickens 3 months old or older inventory	farms. number. 212 551	61 39 204	42 73 841	24 50	12 (D)	1 (D)	—
Farms with—							
1 to 399	55	40	20	43	10	1	—
400 to 3,199	3	—	3	4	—	—	—
3,200 to 9,999	1	1	—	1	1	—	—
10,000 to 19,999	—	—	—	—	1	—	—
20,000 to 49,999	1	1	—	—	1	—	—
50,000 to 99,999	—	—	1	1	—	—	—
100,000 or more	1	—	—	—	—	—	—
Hens and pullets of laying age	farms. number. 169 636	61 30 590	40 (D)	24 (D)	49 53 222	12 (D)	1 (D)
Pullets 3 months old or older not of laying age	farms. number. 42 915	3 8 614	6 (D)	1 (D)	3 (D)	1 (D)	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**POULTRY—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Chickens 3 months old or older sold	269	56	74	54	28	22
farms	1 085	843	157 054	335 873	130 931	89 332
number	47	9	25	3	5	51 579
Broilers and other meat-type chickens sold	47	9	25	3	5	4
farms	159	991	97 902	54 916	1 730	5 344
number	—	—	—	—	—	(D)
Farms with—						
1 to 1,999	41	6	23	3	4	4
2,000 to 59,999	6	3	2	—	1	—
60,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Turkey hens kept for breeding	19	1	6	2	2	5
farms	1 661	(D)	14	(D)	(D)	1 061
number	67	8	34	3	5	9
Turkeys sold	67	8	34	3	5	9
farms	137	213	4 103	37 121	4 514	35 614
number	—	—	—	—	—	46 973
CROPS HARVESTED						
Corn for all purposes	1 136	15	175	50	93	157
farms	43 535	27	1 054	678	1 585	2 878
Tobacco	44	2	14	3	4	6
farms	1 078	(D)	75	35	56	90
acres	1 536	802	(D)	149 405	69 300	77 026
Irrigated	15	—	2	1	1	158 614
farms	607	—	(D)	(D)	(D)	(D)
acres	—	—	—	—	—	—
Farms by acres harvested:						
0.1 to 4.9 acres	18	2	10	1	—	3
5.0 to 24.9 acres	16	—	4	2	3	2
25.0 acres or more	10	—	—	—	1	1
Irish potatoes	185	13	53	15	49	20
farms	3 501	(D)	289	90	106	436
acres	748	993	(D)	55 527	19 772	18 934
Irrigated	24	2	8	2	1	4
farms	178	(D)	12	(D)	(D)	28
acres	—	—	—	—	—	—
Farms by acres harvested:						
0.1 to 0.9 acres	52	6	17	4	14	4
1.0 to 4.9 acres	75	5	16	7	32	7
5.0 to 24.9 acres	33	2	18	2	2	2
25.0 to 99.9 acres	18	—	2	2	1	7
100.0 acres or more	7	—	—	—	—	—
Hay crops (see text)	3 063	74	695	307	348	405
farms	131 234	249	8 994	7 580	9 261	14 106
acres	258 428	361	14 168	10 174	15 867	26 678
Irrigated	15	2	5	2	—	1
farms	235	(D)	38	(D)	—	(D)
acres	—	—	—	—	—	—
Farms by acres harvested:						
1 to 24 acres	1 334	74	588	146	173	134
25 to 99 acres	1 413	—	107	161	174	260
100 to 499 acres	312	—	—	—	1	11
500 acres or more	4	—	—	—	—	—
Alfalfa hay	1 070	19	158	86	109	145
farms	26 582	72	1 536	1 227	2 052	2 837
acres	66 706	197	3 312	2 642	4 634	6 853
Irrigated	7	—	3	—	—	—
farms	151	—	24	—	—	—
acres	—	—	—	—	—	—
All vegetables harvested for sale (see text)	1 086	169	441	92	96	74
farms	15 172	479	3 930	1 548	2 178	2 062
acres	327	47	131	33	22	29
Irrigated	4 490	128	1 023	633	437	675
Farms by acres harvested:						
0.1 to 4.9 acres	472	138	191	27	34	22
5.0 to 24.9 acres	448	31	214	43	29	24
25.0 to 99.9 acres	145	—	36	22	33	24
100.0 acres or more	21	—	—	—	—	4
Land in orchards	508	86	152	55	35	78
farms	8 475	194	1 091	664	555	1 648
acres	38	11	17	5	1	3
Irrigated	119	13	41	36	(D)	(D)
farms	—	—	—	—	—	—
acres	—	—	—	—	—	—
Farms by acres in orchards:						
0.1 to 4.9 acres	266	75	85	28	16	30
5.0 to 24.9 acres	149	11	53	18	8	29
25.0 to 99.9 acres	75	—	14	9	11	16
100.0 acres or more	18	—	—	—	—	3
Apples	445	48	140	51	33	76
farms	7 623	121	891	571	507	1 531
total acres	667 100	6 585 679	5 531 333	6 927 200	17 535 448	
pounds	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

POULTRY—Con.

	forms number	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Chickens 3 months old or older sold	6	159 165	19 878	43 909	12 (D)	2 (D)	—	—
Broilers and other meat-type chickens sold	1 (D)	—	—	—	—	—	—	—
Farms with—								
1 to 1,999	1	—	—	—	—	—	—	—
2,000 to 59,999	—	—	—	—	—	—	—	—
60,000 to 99,999	—	—	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—	—	—
Turkey hens kept for breeding	1 (D)	—	1 (D)	1 (D)	—	—	—	—
Turkeys sold	2 (D)	—	3 (D)	1 (D)	1 (D)	1 (D)	—	—

CROPS HARVESTED

	forms acres	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
Corn for all purposes	99 2 577	—	107 3 857	79 2 776	263 14 494	83 8 648	13 (D)	2 (D)
Tobacco	6 262	—	1 (D)	1 (D)	6 400	1 (D)	—	—
Irrigated	4 333 604	—	—	—	522 238 4	—	—	—
Farms by acres harvested:								
0.1 to 4.9 acres	1	—	—	—	—	1	—	—
5.0 to 24.9 acres	2	—	—	—	3	—	—	—
25.0 acres or more	3	—	1	1	3	—	—	—
Irish potatoes	8 84	—	5 154	6 81	11 955	4 685	1 (D)	—
Irrigated	1 15 205	—	29 268	10 909	237 769	148 525	1 (D)	—
Farms by acres harvested:								
0.1 to 0.9 acres	2	—	—	3	1	1	—	—
1.0 to 4.9 acres	3	—	2	1	2	—	—	—
5.0 to 24.9 acres	2	—	1	1	2	1	—	—
25.0 to 99.9 acres	1	—	2	1	1	1	—	—
100.0 acres or more	—	—	—	5	1	1	—	—
Hay crops (see text)	340 15 606	—	223 11 391	131 7 885	406 35 491	115 16 224	16 3 641	3 816
Irrigated	2 29 976	—	23 253	16 656	73 734	36 36 885	8 8 326	2 2 350
Farms by acres harvested:								
1 to 24 acres	82	—	50	28	49	8	1	1
25 to 99 acres	237	—	147	76	206	40	5	—
100 to 499 acres	21	—	26	27	151	64	9	2
500 acres or more	—	—	—	—	—	3	1	—
Alfalfa hay	135 2 913	—	101 2 682	63 1 982	179 6 260	64 4 068	10 (D)	1 (D)
Irrigated	7 7 214	—	6 914	4 968	16 835 10 163	10 163 (D)	1 (D)	—
All vegetables harvested for sale (see text)	79 1 775	—	40 880	11 373	71 1 619	9 98	4 230	—
Irrigated	41 732	—	6 188	3 33	14 (D)	1 (D)	—	—
Farms by acres harvested:								
0.1 to 4.9 acres	19	—	19	3	16	2	1	—
5.0 to 24.9 acres	45	—	12	4	40	6	—	—
25.0 to 99.9 acres	9	—	7	2	9	1	2	—
100.0 acres or more	6	—	2	2	6	—	1	—
Land in orchards	35 1 013	—	30 1 239	9 544	21 976	6 (D)	1 (D)	—
Irrigated	— —	—	— —	— —	— —	— (D)	— (D)	—
Farms by acres in orchards:								
0.1 to 4.9 acres	14	—	3	4	8	3	—	—
5.0 to 24.9 acres	10	—	12	1	5	2	—	—
25.0 to 99.9 acres	8	—	11	2	4	—	—	—
100.0 acres or more	3	—	4	2	4	1	1	—
Apples	32 897	—	29 1 150	9 512	21 941	5 (D)	1 (D)	—
	total acres pounds	11 554 058	13 990 606	6 841 460	12 513 073	(D) (D)	(D) (D)	—

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

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

	All forms	Farms with sales of \$20,000 or more						
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999	
F FARMS AND LAND IN FARMS								
Farms -----	number	5 891	1 740	49	145	293	688	565
Land in farms -----	percent	100.0	29.5	0.8	2.4	4.9	11.6	9.5
Land in farms -----	acres	678 714	357 530	46 039	46 295	74 700	121 462	69 034
Average size of farm -----	acres	115	205	940	319	255	177	122
Value of land and buildings ¹ -----	farms	5 891	1 791	49	145	296	698	603
Value of land and buildings ¹ -----	\$1,000	995 297	514 587	53 273	64 944	98 053	193 311	105 006
Average per farm -----	dollars	168 952	287 318	1 087 195	447 890	331 261	276 949	174 138
Average per acre -----	dollars	1 443	1 379	1 157	1 402	1 304	1 474	1 410
Forms by value of land and buildings:								
\$1 to \$19,999 -----		417	27	-	2	3	3	19
\$20,000 to \$39,999 -----		640	84	1	-	7	22	54
\$40,000 to \$69,999 -----		1 117	192	1	6	14	63	108
\$70,000 to \$99,999 -----		947	192	-	5	22	69	96
\$100,000 to \$149,999 -----		867	283	2	12	26	115	128
\$150,000 to \$199,999 -----		502	191	-	12	41	79	59
\$200,000 to \$499,999 -----		1 042	562	15	65	122	255	105
\$500,000 to \$999,999 -----		249	177	12	31	50	56	28
\$1,000,000 or more -----		110	83	18	12	11	36	6
Owned and rented land by operator:								
Land owned -----	farms	5 532	1 604	44	137	275	627	521
Land owned -----	acres	537 863	261 122	38 309	34 806	48 450	86 115	53 442
Land rented or leased from others -----	farms	2 050	959	26	84	192	383	274
Land rented or leased to others -----	acres	151 945	98 955	7 936	12 005	26 649	35 978	16 387
Land rented or leased to others -----	acres	393	86	3	12	14	22	35
Land rented or leased to others -----	acres	11 094	2 547	206	516	399	631	795
L LAND IN FARMS ACCORDING TO USE								
Total cropland -----	farms	5 526	1 654	43	134	280	656	541
Total cropland -----	acres	311 030	180 952	14 485	25 426	42 739	64 525	33 777
Harvested cropland -----	farms	5 107	1 597	43	130	278	642	504
Harvested cropland -----	acres	213 669	137 148	13 179	21 089	32 858	47 414	22 608
Forms by acres harvested:								
1 to 49 acres -----		3 869	736	15	33	77	262	349
50 to 99 acres -----		657	382	2	18	62	203	97
100 to 199 acres -----		420	332	9	37	93	146	47
200 to 499 acres -----		142	128	9	36	43	29	11
500 to 999 acres -----		16	16	5	6	3	2	-
1,000 to 1,999 acres -----		2	2	2	-	-	-	-
2,000 acres or more -----		1	1	1	-	-	-	-
Cropland:								
Pasture or grazing only -----	farms	2 510	690	7	44	124	303	212
Pasture or grazing only -----	acres	77 443	35 700	377	3 001	8 516	14 484	9 322
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	farms	338	105	10	8	13	42	32
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	acres	4 289	2 326	(D)	225	(D)	649	501
On which all crops failed -----	farms	130	43	2	-	7	15	19
On which all crops failed -----	acres	843	447	(D)	-	(D)	229	161
In cultivated summer fallow -----	farms	106	39	-	6	5	11	17
Idle -----	farms	1 308	880	-	91	355	219	215
Idle -----	acres	744	185	7	18	32	68	60
Idle -----	acres	13 478	4 451	295	1 020	636	1 530	970
Total woodland -----	farms	3 583	1 077	25	89	187	449	327
Total woodland -----	acres	272 563	124 786	21 311	13 540	21 693	40 808	27 434
Woodland pastured -----	farms	995	346	5	29	59	146	107
Woodland pastured -----	acres	37 673	19 966	368	1 015	4 407	7 832	6 344
Woodland not pastured -----	farms	3 142	937	22	77	168	397	273
Woodland not pastured -----	acres	234 890	104 820	20 943	12 525	17 286	32 976	21 090
Pastureland and rangeland other than cropland and woodland pastured -----	farms	708	265	8	21	63	105	68
Pastureland and rangeland other than cropland and woodland pastured -----	acres	31 268	16 665	2 991	1 672	5 055	4 782	2 165
Land in house lots, ponds, roads, wasteland, etc. -----	farms	4 020	1 183	44	108	210	462	359
Land in house lots, ponds, roads, wasteland, etc. -----	acres	63 853	35 127	7 252	5 657	5 213	11 347	5 658
Pastureland, all types -----	farms	3 210	922	15	68	167	388	284
Pastureland, all types -----	acres	146 384	72 331	3 736	5 688	17 978	27 098	17 831
Irrigated land -----	farms	1 027	471	28	45	84	177	137
Irrigated land -----	acres	16 941	14 247	3 987	2 510	2 540	3 432	1 778
Harvested cropland irrigated -----	farms	1 020	469	28	45	84	175	137
Harvested cropland irrigated -----	acres	16 773	14 201	3 987	(D)	(D)	3 400	(D)
Pastureland irrigated -----	farms	100	1	-	-	-	1	-
Pastureland irrigated -----	acres	18	7	-	1	1	4	1
Other land irrigated -----	farms	68	(D)	-	(D)	(D)	(D)	(D)
Land set aside in the federal farm programs in 1978 -----	farms	48	23	2	2	4	7	8
Land set aside in the federal farm programs in 1978 -----	acres	1 077	598	(D)	(D)	38	82	98
RACE AND TENURE OF OPERATOR								
All operators -----	number	5 891	1 740	49	145	293	688	565
Full owners -----	number	3 846	783	23	61	101	306	292
Part owners -----	number	1 685	821	21	76	174	321	229
Tenants -----	number	360	136	5	8	18	61	44
White -----	number	5 858	1 733	49	145	293	684	562
Full owners -----	number	3 821	778	23	61	101	303	290
Part owners -----	number	1 679	820	21	76	174	320	229
Tenants -----	number	358	135	5	8	18	61	43
Black and other races -----	number	33	7	-	-	-	4	3
Full owners -----	number	25	5	-	-	-	3	2
Part owners -----	number	6	1	-	-	-	1	-
Tenants -----	number	2	1	-	-	-	-	1

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	number	percent				
F FARMS AND LAND IN FARMS						
Farms	4 131	556	714	849	2 012	20
percent	70.1	9.4	12.1	14.4	34.1	0.3
Land in farms	309 507	49 756	73 826	54 563	131 362	11 677
acres	75	89	103	64	65	584
Average size of farm						20
Value of land and buildings ¹	4 080	511	744	821	2 004	27 783
\$1,000	452 928	70 970	82 512	89 497	209 949	1 389 142
Average per farm	111 011	138 884	110 903	109 009	104 764	2 379
dollars	1 485	1 400	1 290	1 663	1 537	
Average per acre						
Farms by value of land and buildings:						
\$1 to \$19,999	390	24	82	107	177	-
\$20,000 to \$39,999	556	67	86	112	291	-
\$40,000 to \$69,999	925	87	159	178	501	-
\$70,000 to \$99,999	755	99	82	162	412	-
\$100,000 to \$149,999	582	86	148	86	262	2
\$150,000 to \$199,999	311	32	83	60	136	-
\$200,000 to \$499,999	475	107	84	103	181	5
\$500,000 to \$999,999	65	3	18	7	37	7
\$1,000,000 or more	21	6	2	6	7	6
Owned and rented land by operator:						
Land owned	3 909	515	669	803	1 922	19
farms						
acres	266 152	38 242	62 634	47 569	117 707	10 589
Land rented or leased from others	1 083	177	197	242	467	8
farms						
acres	(D)	(D)	13 970	8 288	17 553	(D)
Land rented or leased to others	306	21	91	49	145	1
farms						
acres	(D)	(D)	2 778	1 294	3 898	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland	3 852	528	675	780	1 869	20
farms						
acres	126 358	22 017	30 565	22 730	51 046	3 720
Harvested cropland	3 490	476	638	698	1 678	20
farms						
acres	73 825	14 978	18 314	13 801	26 732	2 696
Farms by acres harvested:						
1 to 49 acres	3 127	359	530	629	1 609	6
50 to 99 acres	272	84	69	54	65	3
100 to 199 acres	82	31	35	13	3	6
200 to 499 acres	9	2	4	2	1	5
500 to 999 acres	-	-	-	-	-	-
1,000 to 1,999 acres	-	-	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland:						
Pasture or grazing only	1 807	182	225	331	1 069	13
farms						
acres	41 215	5 100	10 305	7 003	18 807	528
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	229	43	28	53	105	4
farms						
acres	1 662	457	177	411	617	301
On which all crops failed	86	16	16	21	33	1
farms						
acres	(D)	(D)	44	70	191	(D)
In cultivated summer fallow	66	18	17	12	19	1
farms						
acres	(D)	(D)	97	57	67	(D)
Idle	555	88	112	115	240	4
farms						
acres	8 867	1 219	1 628	1 388	4 632	160
Total woodland	2 488	303	397	529	1 259	18
farms						
acres	142 505	21 235	33 701	24 965	62 604	5 272
Woodland pastured	643	77	86	146	334	6
farms						
acres	17 480	2 614	2 996	3 421	8 449	227
Woodland not pastured	2 188	267	359	453	1 109	17
farms						
acres	125 025	18 621	30 705	21 544	54 155	5 045
Pastureland and rangeland other than cropland and woodland pastured	437	66	79	87	205	6
farms						
acres	14 319	2 172	3 228	1 851	7 068	284
Land in house lots, ponds, roads, wasteland, etc.	2 820	335	471	619	1 395	17
farms						
acres	26 325	4 332	6 332	5 017	10 644	2 401
Pastureland, all types	2 272	239	307	439	1 287	16
farms						
acres	73 014	9 886	16 529	12 275	34 324	1 039
Irrigated land	550	138	164	116	132	6
farms						
acres	2 646	1 065	810	388	383	48
Harvested cropland irrigated	545	138	164	115	128	6
farms						
acres	2 524	1 049	779	385	311	48
Pastureland irrigated	9	-	3	1	5	-
farms						
acres	(D)	-	27	(D)	55	-
Other land irrigated	11	2	1	1	7	-
farms						
acres	(D)	(D)	(D)	(D)	17	-
Land set aside in the federal farm programs in 1978	25	6	4	9	6	-
farms						
acres	479	46	220	132	81	-
RACE AND TENURE OF OPERATOR						
All operators	4 131	556	714	849	2 012	20
number						
Full owners	3 051	379	518	608	1 546	12
number						
Part owners	857	136	151	194	376	7
number						
Tenants	223	41	45	47	90	1
number						
White	4 106	548	713	843	2 002	19
number						
Full owners	3 031	371	517	603	1 540	12
number						
Part owners	852	136	151	193	372	7
Tenants	223	41	45	47	90	-
Black and other races	25	8	1	6	10	1
number						
Full owners	20	8	1	5	6	-
number						
Part owners	5	-	-	1	4	-
Tenants	-	-	-	-	-	1

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms acres	5 017 489 437	1 230 218 931	7 2 525	57 17 777	165 47 537	523 92 452
Partnership	farms acres	447 73 987	211 51 008	5 1 853	23 9 734	49 13 281	88 20 786
Corporations:							
Family held	farms acres	325 65 483	251 61 984	25 24 826	55 14 407	69 12 553	68 6 543
More than 10 stockholders	farms acres	6 1 949	4 20 909	1 (D)	3 2 487	— 678	— (D)
10 or less stockholders	farms acres	319 40	247 36	24 11	52 7	69 7	68 4
Other than family held	farms acres	24 62	20 12	— 1	5 3	5 3	7 2
More than 10 stockholders	farms acres	16 28 858	16 4 698	11 (D)	3 1 890	5 651	— (D)
10 or less stockholders	farms acres	24 28 858	20 4 698	— (D)	4 1 890	5 651	— (D)
Other—cooperative, estate or trust, etc.	farms acres	62 28 858	12 4 698	1 (D)	3 1 890	2 651	3 1 115
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		4 780	1 347	23	101	232	538
Not on farm operated		743	279	24	35	48	97
Operators by age group:							
Under 25 years		91	27	—	1	—	8
25 to 34 years		594	193	1	21	27	75
35 to 44 years		1 190	298	8	26	53	129
45 to 54 years		1 348	454	14	38	88	178
55 to 64 years		1 536	506	16	45	83	192
65 years and over		1 132	262	10	14	42	106
Average age		51.9	51.4	55.4	50.2	51.7	51.5
Operators by sex:							
Male		5 438	1 661	48	144	283	652
Female		453	79	1	1	10	36
Operators of Spanish origin		41	4	—	—	2	2
Operators by principal occupation:							
Farming		3 062	1 545	46	136	271	628
Other		2 829	195	3	9	22	60
Operators reporting days of work off farm:							
None		2 387	1 207	42	118	237	492
1 to 99 days		440	160	2	8	20	70
100 to 199 days		538	101	1	3	10	27
200 days or more		2 297	176	3	11	16	60
F FARMS BY SIZE							
1 to 9 acres		987	165	3	9	32	62
10 to 49 acres		1 798	277	10	19	18	82
50 to 69 acres		516	119	4	6	15	41
70 to 99 acres		498	136	—	9	14	61
100 to 139 acres		575	220	—	12	29	96
140 to 179 acres		421	151	3	10	27	68
180 to 219 acres		290	139	1	5	24	81
220 to 259 acres		155	100	3	5	18	44
260 to 499 acres		483	302	10	36	81	120
500 to 999 acres		137	108	7	26	30	31
1,000 to 1,999 acres		25	19	5	7	5	2
2,000 acres or more		6	4	3	1	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		39	1	—	—	1	—
Field crop, except cash grain farms (013)		843	74	8	5	6	18
Cotton farms (0131)		—	—	—	—	—	—
Tobacco farms (0132)		31	19	6	2	4	5
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		812	55	2	3	2	13
Vegetable and melon farms (016)		651	167	1	3	22	48
Fruit and tree nut farms (017)		740	253	9	25	36	98
Horticultural specialty farms (018)		645	258	16	31	45	94
General farms, primarily crop (019)		270	17	—	—	2	8
Livestock farms, except dairy, poultry, and animal specialty (021)		1 230	99	1	12	5	36
Beef cattle farms, except feedlots (0212)		619	40	—	5	3	15
Dairy farms (024)		822	719	6	51	151	331
Poultry and egg farms (025)		207	106	7	17	22	32
Animal specialty farms (027)		340	33	1	—	2	16
General farms, primarily livestock (029)		104	13	—	1	2	6
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	farms \$1,000	5 891 214 675	1 740 195 715	49 54 419	145 41 435	293 40 091	688 43 555
Farms by value of agricultural products sold:							
\$500,000 or more		49	49	49	—	—	—
\$200,000 to \$499,999		146	145	—	145	—	—
\$100,000 to \$199,999		294	293	—	—	293	—
\$40,000 to \$99,999		698	688	—	—	—	688
\$20,000 to \$39,999		567	565	—	—	—	—
\$10,000 to \$19,999		559	—	—	—	—	—
\$5,000 to \$9,999		715	—	—	—	—	—
\$2,500 to \$4,999		850	—	—	—	—	—
Less than \$2,500		2 013	—	—	—	—	—

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	farms					
F FARMS BY TYPE OF ORGANIZATION						
Individual or family	3 787	488	597	779	1 923	—
farms	270 506	43 040	57 806	46 030	123 630	—
acres	236	39	76	56	65	—
Partnership	22 979	4 070	8 168	6 717	4 024	—
farms						
acres						
Corporations:						
Family held	74	27	28	9	10	—
farms	3 499	1 597	(D)	389	(D)	—
acres	2	1	—	—	—	—
More than 10 stockholders						
10 or less stockholders	72	26	27	9	10	—
farms	4	—	2	—	2	—
acres	40	—	(D)	—	(D)	—
Other than family held						
More than 10 stockholders	—	—	—	—	—	—
10 or less stockholders	—	—	2	—	2	—
Other—cooperative, estate or trust, etc.	30	2	11	5	12	20
farms	12 483	(D)	6 932	1 427	3 075	11 677
acres						
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	3 422	422	546	694	1 760	11
Not on farm operated	455	90	109	93	163	9
Operators by age group:						
Under 25 years	63	7	10	15	31	1
25 to 34 years	396	78	76	71	171	5
35 to 44 years	889	97	92	166	534	3
45 to 54 years	889	103	124	185	477	5
55 to 64 years	1 025	157	242	236	390	5
65 years and over	869	114	170	176	409	1
Average age	52.2	51.8	54.3	52.7	51.3	45.4
Operators by sex:						
Male	3 757	488	664	776	1 829	20
Female	374	68	50	73	183	—
Operators of Spanish origin	37	1	—	2	34	—
Operators by principal occupation:						
Farming	1 501	378	375	264	484	16
Other	2 630	178	339	585	1 528	4
Operators reporting days of work off farm:						
None	1 166	259	245	203	459	14
1 to 99 days	278	37	86	58	97	2
100 to 199 days	436	69	74	97	196	1
200 days or more	2 118	157	277	462	1 222	3
F FARMS BY SIZE						
1 to 9 acres	822	94	132	199	397	—
10 to 49 acres	1 520	189	222	335	774	1
50 to 69 acres	396	52	53	66	225	—
70 to 99 acres	362	51	52	69	190	1
100 to 139 acres	355	53	73	66	163	—
140 to 179 acres	269	36	75	40	118	1
180 to 219 acres	149	24	32	30	63	2
220 to 259 acres	53	12	11	5	25	2
260 to 499 acres	175	37	57	32	49	6
500 to 999 acres	25	7	6	6	6	4
1,000 to 1,999 acres	4	1	—	1	2	2
2,000 acres or more	1	—	1	—	—	1
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	38	1	2	1	34	—
Field crop, except cash grain farms (013)	768	55	160	174	379	1
Cotton farms (0131)	—	—	—	—	—	—
Tobacco farms (0132)	12	4	6	2	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	756	51	154	172	379	1
Vegetable and melon farms (016)	484	87	136	134	127	—
Fruit and tree nut farms (017)	484	83	101	102	198	3
Horticultural specialty farms (018)	386	101	81	81	123	1
General farms, primarily crop (019)	253	16	10	6	221	—
Livestock farms, except dairy, poultry, and animal specialty (021)	1 128	87	148	249	644	3
Beef cattle farms, except feedlots (0212)	579	27	86	129	337	—
Dairy farms (024)	95	68	10	7	10	8
Poultry and egg farms (025)	101	17	17	17	50	—
Animal specialty farms (027)	307	40	46	68	153	—
General farms, primarily livestock (029)	87	1	3	10	73	4
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold	4 131	556	714	849	2 012	20
forms	17 758	7 684	4 958	3 063	2 052	1 203
Farms by value of agricultural products sold:	\$1,000					
\$500,000 or more	—	—	—	—	—	—
\$200,000 to \$499,999	—	—	—	—	—	—
\$100,000 to \$199,999	—	—	—	—	—	1
\$40,000 to \$99,999	—	—	—	—	—	1
\$20,000 to \$39,999	—	—	—	—	—	10
\$10,000 to \$19,999	556	556	—	—	—	2
\$5,000 to \$9,999	714	—	714	—	—	3
\$2,500 to \$4,999	849	—	—	849	—	1
Less than \$2,500	2 012	—	—	—	2 012	1

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain	forms	99	34	1	6	3	9
\$1,000		365	267	(D)	(D)	62	119
Sales of \$40,000 or more	forms	2	2	—	—	1	1
\$1,000		(D)	(D)	—	—	(D)	(D)
Commodity Credit Corporation loans	forms	1	1	—	1	—	—
\$1,000		(D)	(D)	—	(D)	—	—
Cotton and cottonseed	forms	—	—	—	—	—	—
\$1,000		—	—	—	—	—	—
Sales of \$40,000 or more	forms	—	—	—	—	—	—
\$1,000		—	—	—	—	—	—
Commodity Credit Corporation loans	forms	—	—	—	—	—	—
\$1,000		—	—	—	—	—	—
Tobacco	forms	44	31	6	3	7	9
\$1,000		6 985	6 868	5 208	627	622	331
Sales of \$40,000 or more	forms	17	17	6	2	5	4
\$1,000		6 589	6 589	5 208	(D)	(D)	221
Field seeds, hay, forage, and silage	forms	1 274	225	2	24	34	83
\$1,000		4 779	1 977	(D)	137	(D)	706
Sales of \$40,000 or more	forms	10	8	—	—	3	5
\$1,000		512	(D)	—	—	(D)	262
Vegetables, sweet corn, and melons	forms	1 092	340	6	16	52	116
\$1,000		13 712	10 749	596	1 184	3 219	3 270
Sales of \$40,000 or more	forms	77	77	2	7	28	40
\$1,000		6 851	(D)	(D)	2 879	2 354	—
Fruits, nuts, and berries	forms	946	342	9	31	52	137
\$1,000		30 455	27 831	7 527	7 348	4 513	6 017
Sales of \$40,000 or more	forms	166	165	9	26	36	94
\$1,000		24 854	(D)	(D)	7 270	4 363	5 620
Nursery and greenhouse products	forms	802	344	16	34	67	119
\$1,000		41 137	38 670	15 762	8 271	6 472	6 023
Sales of \$40,000 or more	forms	188	188	16	31	49	92
Other crops	forms	35 904	35 904	15 762	8 239	6 210	5 692
\$1,000		182	83	2	5	6	29
Sales of \$40,000 or more	forms	3 397	3 197	(D)	(D)	182	570
\$1,000		16	16	2	5	2	7
Poultry and poultry products	forms	2 639	2 639	(D)	893	(D)	374
\$1,000		574	164	8	19	29	52
Sales of \$40,000 or more	forms	18 682	18 058	6 874	5 469	3 083	1 888
\$1,000		78	77	7	18	22	30
Dairy products	forms	17 187	(D)	(D)	5 468	3 031	1 771
\$1,000		933	751	8	54	156	341
Sales of \$40,000 or more	forms	61 784	60 116	3 939	12 963	18 776	19 585
\$1,000		516	510	8	54	154	294
Cattle and calves	forms	54 059	53 599	3 939	12 963	18 715	17 981
\$1,000		2 061	861	10	60	165	377
Sales of \$40,000 or more	forms	12 630	9 938	1 075	2 472	2 312	2 982
\$1,000		43	43	4	17	9	13
Hogs and pigs	forms	4 134	4 134	967	1 695	715	757
\$1,000		551	121	3	12	8	43
Sales of \$40,000 or more	forms	5 632	4 445	207	2 000	342	1 141
\$1,000		29	29	1	8	3	17
Sheep, lambs, and wool	forms	3 401	3 401	(D)	1 946	(D)	946
\$1,000		340	23	—	2	2	8
Sales of \$40,000 or more	forms	242	45	—	(D)	(D)	6
Other livestock and livestock products (see text)	forms	708	96	1	6	12	30
\$1,000		14 876	13 555	(D)	(D)	225	918
Sales of \$40,000 or more	forms	17	17	1	—	2	14
\$1,000		13 038	13 038	(D)	—	(D)	825
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	forms	2 042	652	14	61	121	267
\$1,000		11 382	10 093	2 770	2 567	1 546	2 410
Farms with expenses of—							
\$1 to \$4,999		1 665	318	2	15	44	128
\$5,000 to \$19,999		272	230	3	12	55	102
\$20,000 to \$49,999		71	70	1	19	17	31
\$50,000 or more		34	34	8	15	5	6
Feed for livestock and poultry	forms	3 319	1 056	18	82	189	453
\$1,000		40 503	37 098	8 172	7 918	8 616	9 222
Farms with expenses of—							
\$1 to \$4,999		2 243	128	2	3	10	32
\$5,000 to \$19,999		560	419	—	—	10	195
\$20,000 to \$49,999		356	351	—	11	98	223
\$50,000 or more		160	158	16	68	71	3
Commercially mixed formula feeds	forms	2 187	947	16	80	179	415
\$1,000		220 646	209 778	46 385	44 366	51 427	51 039
Farms by tons purchased:	tons	33 467	31 906	7 916	6 824	7 341	7 473
1 to 99 tons		1 600	367	—	12	8	142
100 to 499 tons		520	513	2	32	154	273
500 tons or more		67	67	14	36	17	—
Farms with expenses of—							
\$1 to \$4,999		1 259	94	—	4	5	33
\$5,000 to \$19,999		538	466	—	7	12	252
\$20,000 to \$49,999		273	270	1	11	119	129
\$50,000 or more		117	117	15	58	43	1

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
VALUE OF PRODUCTS SOLD—Con.						
Market value of agricultural products sold—Con.						
Grain	65	12	5	13	35	—
\$1,000	98	36	18	12	31	—
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Cotton and cottonseed	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Tobacco	13	5	6	2	—	—
\$1,000	117	67	(D)	(D)	—	—
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Field seeds, hay, forage, and silage	1 044	127	216	253	448	5
\$1,000	2 686	750	907	582	447	116
Sales of \$40,000 or more	—	—	—	—	—	2
\$1,000	—	—	—	—	—	(D)
Vegetables, sweet corn, and melons	746	145	233	176	192	6
\$1,000	2 911	1 251	1 031	457	172	53
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Fruits, nuts, and berries	598	112	150	147	189	6
\$1,000	2 501	1 170	767	400	164	123
Sales of \$40,000 or more	—	—	—	—	—	1
\$1,000	—	—	—	—	—	(D)
Nursery and greenhouse products	453	124	102	95	132	5
\$1,000	2 416	1 340	590	295	191	51
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Other crops	98	19	23	17	39	1
\$1,000	(D)	75	78	(D)	11	(D)
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Poultry and poultry products	402	42	46	71	243	8
\$1,000	526	244	132	75	75	98
Sales of \$40,000 or more	—	—	—	—	—	1
\$1,000	—	—	—	—	—	(D)
Dairy products	169	74	24	23	48	13
\$1,000	1 069	934	80	32	22	600
Sales of \$40,000 or more	—	—	—	—	—	6
\$1,000	—	—	—	—	—	460
Cattle and calves	1 186	156	193	277	560	14
\$1,000	2 560	736	690	624	509	133
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Hogs and pigs	424	74	76	110	164	6
\$1,000	1 166	587	272	211	95	21
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Sheep, lambs, and wool	311	14	45	44	208	6
\$1,000	192	18	51	38	85	6
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
Other livestock and livestock products (see text)	610	65	77	150	318	2
\$1,000	(D)	475	(D)	296	251	(D)
Sales of \$40,000 or more	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES¹						
Livestock and poultry purchased	farms	1 381	189	164	275	753
\$1,000		1 265	359	232	319	356
Farms with expenses of—						
\$1 to \$4,999		1 341	172	154	263	752
\$5,000 to \$19,999		39	16	10	12	1
\$20,000 to \$49,999		1	1	—	—	—
\$50,000 or more		—	—	—	—	—
Feed for livestock and poultry	farms	2 247	256	305	454	1 232
\$1,000		3 111	819	682	564	1 046
Farms with expenses of—						
\$1 to \$4,999		2 111	191	279	445	1 196
\$5,000 to \$19,999		134	64	26	9	35
\$20,000 to \$49,999		2	1	—	—	1
\$50,000 or more		—	—	—	—	2
Commercially mixed formula feeds	farms	1 226	158	179	178	711
\$1,000		9 480	3 400	2 131	1 609	2 340
Farms by tons purchased:		1 364	474	292	220	379
1 to 99 tons		1 226	158	179	178	711
100 to 499 tons		—	—	—	—	7
500 tons or more		—	—	—	—	—
Farms with expenses of—						
\$1 to \$4,999		1 162	115	169	169	709
\$5,000 to \$19,999		64	43	10	9	2
\$20,000 to \$49,999		—	—	—	—	8
\$50,000 or more		—	—	—	—	3

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs	farms \$1,000	2 492 1 518	946 1 225	17 236	81 234	189 272	427 371
Farms with expenses of—							
\$1 to \$499		1 794	362	1	11	41	139
\$500 to \$999		309	239	2	14	47	134
\$1,000 to \$2,999		315	273	6	32	80	142
\$3,000 or more		74	72	8	24	21	12
Seeds, bulbs, plants, and trees	farms \$1,000	3 051 7 838	1 315 7 007	30 2 695	98 960	245 1 499	539 1 186
Farms with expenses of—							
\$1 to \$999		2 181	645	6	16	75	313
\$1,000 to \$4,999		641	470	5	54	115	159
\$5,000 to \$9,999		125	97	2	6	18	44
\$10,000 or more		104	103	17	22	37	23
Commercial fertilizer	farms \$1,000	4 008 7 360	1 495 5 938	43 911	117 1 020	267 1 475	593 1 794
Farms with expenses of—							
\$1 to \$2,499		3 242	824	5	38	81	305
\$2,500 to \$9,999		649	556	19	38	143	276
\$10,000 to \$19,999		82	81	5	26	38	12
\$20,000 or more		35	34	14	15	5	—
Other agricultural chemicals including lime	farms \$1,000	3 791 4 035	1 512 3 292	46 863	122 628	266 641	594 764
Farms with expenses of—							
\$1 to \$2,499		3 452	1 203	10	56	199	488
\$2,500 to \$9,999		277	247	13	42	54	104
\$10,000 to \$19,999		37	37	6	18	11	2
\$20,000 or more		25	25	17	6	2	—
Energy and petroleum products	farms \$1,000	5 852 16 044	1 786 13 545	49 3 575	145 2 583	296 2 574	698 3 210
Farms with expenses of—							
\$1 to \$2,499		4 568	621	1	2	33	215
\$2,500 to \$9,999		1 028	913	2	58	198	435
\$10,000 to \$19,999		140	137	11	50	36	33
\$20,000 or more		116	115	35	35	29	15
Petroleum products	farms \$1,000	5 845 12 019	1 786 10 085	49 2 655	145 1 936	296 1 913	698 2 351
Gasoline	farms \$1,000	5 536	1 729	47	144	283	671
Diesel fuel	farms \$1,000	4 824	3 580	456	681	677	1 043
LP gas, butane, and propane	farms \$1,000	1 738	966	31	96	193	386
Fuel oil	farms \$1,000	1 117	925	122	180	229	274
Natural gas	farms \$1,000	492	340	26	53	75	102
Kerosene, motor oil, and grease	farms \$1,000	519	497	253	109	65	47
Electricity	farms \$1,000	1 104	644	39	82	130	215
Other—coal, wood, coke, etc.	farms \$1,000	4 461	4 246	1 557	884	764	787
Hired farm labor	farms \$1,000	126	69	8	7	20	28
Farms with expenses of—							
\$1 to \$4,999		1 785	49	145	296	697	598
\$5,000 to \$19,999		928	679	214	68	110	179
\$20,000 to \$49,999		3 854	1 561	46	133	268	626
\$50,000 or more		3 893	3 389	914	640	654	828
Workers by number of days worked:							
150 days or more	farms workers	1 451 6 076	1 101 5 371	47 1 918	133 1 053	243 848	465 1 115
Less than 150 days	farms workers	2 245 17 470	1 073 12 799	43 4 085	104 1 903	198 1 991	429 3 062
Contract labor	farms \$1,000	469 1 658	226 1 426	4 87	23 257	26 312	104 502
Farms with expenses of—							
\$1 to \$2,499		334	114	—	9	11	53
\$2,500 to \$9,999		103	80	3	5	6	42
\$10,000 to \$19,999		12	12	—	3	3	2
\$20,000 or more		20	20	1	6	6	7
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 177 1 705	488 1 375	21 714	63 186	93 175	218 242
Farms with expenses of—							
\$1 to \$2,499		1 080	403	6	39	72	193
\$2,500 to \$9,999		75	64	4	18	17	25
\$10,000 to \$19,999		18	17	9	5	3	—
\$20,000 or more		4	4	2	1	1	—
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	farms \$1,000	411 836	134 438	2 (D)	7 (D)	24 90	50 139
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	1 253 9 792	317 7 705	6 1 315	26 1 311	45 1 546	115 2 325
See footnote at end of table.							

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
SELECTED FARM PRODUCTION EXPENSES¹ — Con.						
Animal health costs— \$1,000—	1 532 276	203 68	214 37	277 58	838 113	14 18
Farms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	1 429 66 36 1	159 18 25 1	194 19 1 —	267 3 7 —	809 26 3 —	3 4 6 1
Seeds, bulbs, plants, and trees— \$1,000—	1 719 805	287 300	381 237	308 129	743 138	17 25
Farms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	1 524 168 26 1	196 79 11 1	325 50 6 —	279 28 1 —	724 11 8 —	12 3 2 —
Commercial fertilizer— \$1,000—	2 494 1 312	393 457	545 312	505 213	1 051 329	19 110
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	2 410 84 — —	320 73 — —	541 4 — —	504 1 — —	1 045 6 — —	8 9 1 1
Other agricultural chemicals including lime— \$1,000—	2 260 715	344 190	505 202	421 149	990 174	19 28
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	2 235 25 — —	333 11 — —	500 5 — —	412 9 — —	990 — — —	14 5 — —
Energy and petroleum products— \$1,000—	4 046 2 388	506 725	733 642	821 482	1 986 540	20 110
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	3 942 103 1 —	438 67 1 —	712 21 — —	807 14 — —	1 985 1 — —	5 12 2 1
Petroleum products— \$1,000—	4 039 1 868	504 574	733 494	820 367	1 982 433	20 66
Gasoline— \$1,000—	3 787 1 209	496 356	659 308	748 226	1 884 319	20 35
Diesel fuel— \$1,000—	759	160	189	182	228	13
LP gas, butane, and propane— \$1,000—	182	49	60	49	23	9
Fuel oil— \$1,000—	148 (D)	41 (D)	16 2	39 3	52 7	4 (D)
Natural gas— \$1,000—	452 201	125 97	129 64	104 31	94 8	8
Kerosene, motor oil, and grease— \$1,000—	80 (D)	5 (D)	12 2	5 1	58 6	1 (D)
Electricity— \$1,000—	4 039 273	504 338	733 434	820 464	1 982 1 037	20 20
Other—coal, wood, coke, etc.— \$1,000—	247 (D)	21 (D)	74 29	71 18	81 7	1 (D)
Hired farm labor— \$1,000—	1 334 1 877	290 587	305 354	262 275	477 662	14 429
Farms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	1 307 22 4 1	270 19 1 —	302 2 1 —	262 — — —	473 1 2 1	3 6 1 4
Workers by number of days worked: 150 days or more— farms— workers—	338 657	98 153	64 106	46 68	130 330	12
Less than 150 days— farms— workers—	1 161 4 619	246 1 429	281 904	245 908	389 1 378	48 11 60
Contract labor— \$1,000—	243 232	48 70	69 54	52 75	74 32	—
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	220 23 — —	37 11 — —	67 2 — —	44 8 — —	72 2 — —	—
Customwork, machine hire, and rental of machinery and equipment— \$1,000—	685 316	85 56	138 64	118 67	344 129	4 14
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	674 11 — —	85 — — —	133 5 — —	112 6 — —	344 — — —	3 — — —
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services— \$1,000—	277 398	43 96	58 97	76 65	100 140	—
Value of agricultural products sold directly to individuals for human consumption— \$1,000—	933 2 040	122 747	203 648	202 360	406 285	3 47

See footnote at end of table.

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

All forms	Farms with sales of \$20,000 or more					
	Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
VALUE OF MACHINERY AND EQUIPMENT¹						
Estimated market value of all machinery and equipment ...farms-\$1,000...	5 888	1 791	49	145	296	698
Farms by value group:	127 697	80 526	10 496	11 639	17 179	27 750
\$1 to \$4,999	997	64	1	6	6	12
\$5,000 to \$9,999	1 864	200	—	4	12	44
\$10,000 to \$19,999	1 193	287	2	7	26	114
\$20,000 to \$49,999	1 170	668	7	33	102	289
\$50,000 to \$99,999	460	398	6	49	102	204
\$100,000 to \$199,999	155	130	12	37	41	37
\$200,000 to \$499,999	44	39	16	9	7	28
\$500,000 or more	5	5	5	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹						
Automobiles ...farms...	3 158	1 289	31	111	214	527
number...	4 367	1 932	83	198	327	758
Motortrucks, including pickups ...farms...	4 867	1 673	47	143	274	665
number...	9 910	5 040	412	653	906	1 714
Wheel tractors ...farms...	4 753	1 572	45	127	267	634
number...	10 902	5 266	233	564	1 051	1 979
2 or 3 ...farms...	2 057	687	9	25	78	318
number...	4 803	1 731	21	60	208	812
4 or more ...farms...	867	648	26	85	160	228
number...	4 270	3 298	202	487	814	1 079
Grain and bean combines, self-propelled only ...farms...	33	14	1	2	4	1
number...	47	14	(D)	(D)	4	(D)
Cornpickers, corn heads, and picker-shellers ...farms...	191	121	3	12	31	36
number...	217	138	4	18	34	43
Corn heads for combines ...farms...	107	73	3	5	20	18
number...	113	79	3	6	21	22
Other cornpickers and picker-shellers ...farms...	99	55	1	9	13	20
number...	104	59	(D)	(D)	13	21
Cottonpickers ...farms...	—	—	—	—	—	—
number...	—	—	—	—	—	—
Mower conditioners ...farms...	1 435	663	7	49	140	316
number...	1 568	706	9	58	151	334
Pickup bolers ...farms...	1 776	704	6	49	135	334
number...	1 900	752	9	53	148	348
Field forage harvesters, shear bar or flywheel type ...farms...	1 006	601	8	55	142	259
number...	1 185	765	12	83	175	344
AGRICULTURAL CHEMICALS¹						
Agricultural chemicals, including commercial fertilizer and lime ...farms...	4 528	1 606	46	128	278	630
\$1,000...	11 395	9 230	1 774	1 648	2 116	2 558
Commercial fertilizer ...farms...	3 827	1 466	43	112	260	578
acres on which used...	155 283	118 780	12 177	19 250	30 574	40 976
Lime ...farms...	1 878	774	25	64	134	355
acres on which used...	41 707	30 239	5 249	4 953	6 319	10 691
tons...	65 708	46 781	6 016	7 968	11 422	16 478
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ...farms...	1 795	691	31	69	118	239
acres on which used...	42 157	32 774	5 727	7 551	6 575	8 166
Nematodes in crops ...farms...	206	108	9	12	24	40
acres on which used...	4 870	4 483	917	1 248	1 096	988
Diseases in crops and orchards ...farms...	1 112	427	22	41	72	146
acres on which used...	22 881	17 867	2 583	4 667	3 102	4 742
Weeds, grass, or brush in crops and pasture ...farms...	1 770	941	23	79	177	383
acres on which used...	59 468	49 619	5 788	10 135	13 547	13 537
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ...farms...	210	133	8	18	19	53
acres on which used...	6 372	6 022	1 277	1 817	632	1 667
Insect control on livestock and poultry ...farms...	1 331	591	13	51	122	244
acres on which used...	1 164	462	20	45	77	175
Sanitation and rodent and bird control ...farms...	—	—	—	—	—	—
LIVESTOCK						
Cattle and calves inventory ...farms...	2 599	874	10	61	167	379
number...	102 226	78 504	4 002	14 339	22 288	27 782
Farms with—						
1 to 9 ...farms...	1 040	46	—	4	6	11
number...	891	236	1	2	6	61
10 to 49 ...farms...	380	316	1	1	17	236
number...	220	210	—	15	123	67
50 to 99 ...farms...	63	61	5	37	15	4
number...	5	5	3	2	—	—
100 to 199 ...farms...	2 249	832	9	58	163	364
number...	60 435	49 128	2 570	9 040	13 921	17 422
Beef cows ...farms...	1 305	173	2	7	28	71
number...	10 264	2 194	(D)	(D)	293	985
Farms with—						
1 to 9 ...farms...	1 009	119	1	6	19	53
number...	282	46	1	1	7	14
10 to 49 ...farms...	10	5	—	—	2	2
number...	3	2	—	—	—	—
50 to 99 ...farms...	1	1	—	—	—	1
100 to 199 ...farms...	—	—	—	—	—	—
200 to 499 ...farms...	—	—	—	—	—	—
500 or more ...farms...	—	—	—	—	—	—

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
VALUE OF MACHINERY AND EQUIPMENT¹						
Estimated market value of all machinery and equipment farms \$1,000	4 077	511	742	821	2 003	1 20
Farms by value group:	45 929	8 457	9 906	12 625	14 941	1 242
\$1 to \$4,999	933	106	183	130	514	—
\$5,000 to \$9,999	1 662	78	185	236	1 163	2
\$10,000 to \$19,999	903	176	223	283	221	3
\$20,000 to \$49,999	498	125	136	145	92	4
\$50,000 to \$99,999	54	20	10	17	7	8
\$100,000 to \$199,999	22	6	5	5	6	3
\$200,000 to \$499,999	5	—	—	5	—	—
\$500,000 or more	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹						
Automobiles farms number	1 860	266	466	447	681	9
	2 424	360	601	526	937	11
Motortrucks, including pickups farms number	3 175	441	631	689	1 414	19
	4 798	752	1 060	1 111	1 875	72
Wheel tractors farms number	3 161	361	556	688	1 556	20
	5 552	843	1 047	1 294	2 368	84
2 or 3 farms number	1 364	228	308	333	495	6
	3 058	526	684	733	1 115	14
4 or more farms number	209	51	35	64	59	10
	906	235	150	270	251	66
Grain and bean combines, self-propelled only farms number	18	4	—	1	13	1
	(D)	4	—	(D)	27	(D)
Cornpickers, corn heads, and picker-shellers farms number	67	10	13	34	10	3
	76	11	14	39	12	3
Corn heads for combines farms number	33	7	6	16	4	1
	(D)	(D)	6	16	4	(D)
Other cornpickers and picker-shellers farms number	42	4	8	23	7	2
	(D)	(D)	8	23	8	(D)
Cottonpickers farms number	—	—	—	—	—	—
Mower conditioners farms number	760	147	191	186	236	12
	848	162	224	211	251	14
Pickup balers farms number	1 057	139	229	242	447	15
	1 128	145	273	250	460	20
Field forage harvesters, shear bar or flywheel type farms number	395	46	79	99	171	10
	406	50	81	99	176	14
AGRICULTURAL CHEMICALS¹						
Agricultural chemicals, including commercial fertilizer and lime farms \$1,000	2 903	414	604	543	1 342	19
	2 027	647	514	362	503	138
Commercial fertilizer farms	2 342	375	519	486	962	19
Lime acres on which used	34 531	11 286	7 809	6 424	9 012	1 972
	1 090	176	198	206	510	14
	11 065	2 646	2 956	2 052	3 411	403
	18 303	5 037	4 239	4 017	5 010	624
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops farms acres on which used	1 100	169	295	169	467	4
	9 137	2 312	3 195	911	2 719	246
Nematodes in crops farms acres on which used	97	10	40	9	38	1
	(D)	(D)	181	30	83	(D)
Diseases in crops and orchards farms acres on which used	681	106	170	110	295	4
Weeds, grass, or brush in crops and pasture farms acres on which used	4 924	1 218	1 889	548	1 269	90
	812	156	197	188	271	17
	9 029	3 118	1 535	1 918	2 458	820
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit farms acres on which used	76	9	13	12	42	1
	(D)	(D)	111	54	112	(D)
Insect control on livestock and poultry farms	727	79	154	132	362	13
Sanitation and rodent and bird control farms	690	87	180	104	319	12
LIVESTOCK						
Cattle and calves inventory farms number	1 710	183	230	333	964	15
Farms with—	22 405	4 752	5 498	4 536	7 619	1 317
1 to 9	993	44	67	148	734	1
10 to 49	649	122	129	175	223	6
50 to 99	62	13	34	9	6	2
100 to 199	5	3	—	1	1	5
200 to 499	1	1	—	—	—	1
500 or more	—	—	—	—	—	—
Cows and heifers that had calved farms number	1 403	147	187	267	802	14
Beef cows farms number	10 607	2 213	2 634	2 221	3 539	700
Farms with—	1 125	77	153	216	679	7
1 to 9	886	50	74	140	622	4
10 to 49	233	24	79	74	56	3
50 to 99	5	2	—	2	1	—
100 to 199	1	1	—	—	—	—
200 to 499	—	—	—	—	—	—
500 or more	—	—	—	—	—	—

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows	farms number	1 356 50 171	759 46 934	8 (D)	57 (D)	155 13 628	341 16 437
Farms with—							
1 to 4		482	25	—	3	2	5
5 to 9		41	3	—	—	—	3
10 to 49		455	358	—	1	5	179
50 to 99		267	263	1	4	97	154
100 to 199		88	87	—	33	50	7
200 to 499		22	22	5	16	1	—
500 or more		1	1	1	—	—	—
Heifers and heifer calves	farms number	1 861 32 897	752 25 213	8 933	48 4 653	152 7 695	331 8 677
Steers, steer calves, bulls, and bull calves	farms number	1 544 8 894	506 4 163	7 499	45 646	108 672	213 1 683
Cattle and calves sold	farms number	2 061 53 860	861 42 989	10 3 210	60 9 933	165 10 697	377 14 125
Calves	farms number	12 630 1 501	9 938 763	1 075 7	2 472 56	2 312 148	1 098 342
Cattle	farms number	30 204 2 507	25 200 1 991	1 106 36	5 863 530	6 441 395	2 949 786
Fattened on grain and concentrates	farms number	23 654 10 123	17 789 7 947	2 104 1 038	4 070 1 942	4 256 1 917	5 284 2 196
Hogs and pigs inventory	farms number	321 2 787	56 1 623	1 (D)	5 (D)	7 255	18 299
Hogs and pigs sold	farms number	909 59 626	173 42 557	3 2 475	15 17 437	21 2 340	63 10 297
Used or to be used for breeding	farms number	365 7 442	95 5 003	2 (D)	10 (D)	261 261	46 1 152
Other	farms number	860 52 184	164 37 554	2 (D)	15 (D)	20 2 079	67 9 145
Feeder pigs sold	farms number	551 66 722	121 49 062	3 2 078	12 18 848	8 3 553	43 12 996
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms number	130 9 109	15 6 359	— (D)	1 (D)	2 465	28 7 573
Dec. 1 and May 31	farms number	53 352	17 92	1 —	— 9	2 32	5 44
June 1 and Nov. 30	farms number	50 4 633	17 3 054	1 (D)	2 (D)	3 233	13 882
Sheep and lambs of all ages inventory	farms number	49 7 153	25 836	— —	4 407	5 20	16 184
Ewes 1 year old or older	farms number	354 4 870	23 655	— —	3 (D)	7 (D)	12 115
Sheep and lambs sold	farms number	293 4 208	23 439	— —	2 (D)	2 (D)	11 124
Sheep and lambs shorn	farms number	314 6 069	20 769	— —	2 (D)	1 (D)	10 170
Horses and ponies inventory	farms number	419 8 122	33 208	— 4	4 13	7 36	17 70
Horses and ponies sold	farms number	836 397	— 45	— —	— —	20 7	225 12
Goats inventory	farms number	354 1 214	23 344	— —	2 —	8 21	11 157
Goats sold	farms number	222 1 778	14 80	1 (D)	1 (D)	3 —	6 8
POULTRY							
Chickens 3 months old or older inventory	farms number	944 1 512 683	187 1 441 968	8 654 119	17 359 143	34 269 733	57 88 462
Farms with—							
1 to 399		813	96	1	3	12	34
400 to 3,199		69	31	—	—	4	11
3,200 to 9,999		29	27	—	3	3	16
10,000 to 19,999		14	14	—	3	11	9
20,000 to 49,999		12	12	2	6	4	—
50,000 to 99,999		5	5	3	2	—	—
100,000 or more		2	2	2	—	—	—
Hens and pullets of laying age	farms number	924 1 314 400	182 1 250 748	8 577 072	17 314 243	32 221 731	55 81 507
Pullets 3 months old or older not of laying age	farms number	233 198 283	44 191 220	4 77 047	5 44 900	9 48 002	8 6 955
See footnote at end of table.							

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	farms	number	farms	number	farms	number
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows	584	101	82	87	314	13
farms	2 601	1 373	299	343	586	636
number						
Farms with—						
1 to 4	456	28	66	68	294	1
5 to 9	38	2	9	10	17	—
10 to 49	90	71	7	9	3	7
50 to 99	—	—	—	—	—	4
100 to 199	—	—	—	—	—	1
200 to 499	—	—	—	—	—	—
500 or more	—	—	—	—	—	—
Heifers and heifer calves	1 094	145	151	173	625	15
farms	7 208	1 805	1 482	1 528	2 393	476
number						
Steers, steer calves, bulls, and bull calves	1 024	110	162	188	564	14
farms	4 590	734	1 382	787	1 687	141
number						
Cattle and calves sold	1 186	156	193	277	560	14
farms	10 294	3 104	2 582	2 271	2 337	577
number						
\$1,000	2 560	736	690	624	509	133
Calves	727	96	116	171	344	11
farms	4 672	1 572	981	955	1 164	334
number						
\$1,000	495	101	159	128	107	21
Cattle	997	138	168	253	438	11
farms	5 622	1 532	1 601	1 316	1 173	243
number						
\$1,000	2 065	635	531	496	402	112
Fattened on grain and concentrates	262	37	41	56	128	3
farms	1 128	331	234	241	322	36
number						
\$1,000	465	154	102	94	114	16
Hogs and pigs inventory	729	77	95	142	415	7
farms	16 895	6 817	3 884	2 230	3 964	174
number						
Farms with—						
1 to 9	528	24	47	97	360	2
10 to 49	111	9	27	33	42	4
50 to 99	35	14	8	9	4	1
100 to 199	30	19	9	2	—	—
200 to 499	24	10	4	1	9	—
500 or more	1	1	—	—	—	—
Used or to be used for breeding	265	47	48	72	98	5
farms	2 413	965	625	369	454	26
number						
Other	690	74	88	137	391	6
farms	14 482	5 852	3 259	1 861	3 510	148
number						
Hogs and pigs sold	424	74	76	110	164	6
farms	17 435	7 961	4 298	2 951	2 225	225
number						
\$1,000	1 166	587	272	211	95	21
Feeder pigs sold	175	22	33	48	72	—
farms	7 125	3 123	1 854	992	1 156	—
number						
\$1,000	218	98	61	28	31	—
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30	305	55	53	76	121	5
farms	2 710	965	909	364	472	40
number						
Dec. 1 and May 31	255	48	46	64	97	5
farms	1 555	447	554	197	357	24
number						
June 1 and Nov. 30	210	51	41	66	52	4
farms	1 155	518	355	167	115	16
Sheep and lambs of all ages inventory	378	23	46	57	252	8
farms	6 070	565	1 155	1 029	3 321	247
number						
Ewes 1 year old or older	326	16	39	50	221	5
farms	4 055	339	796	669	2 251	160
number						
Sheep and lambs sold	264	11	41	38	174	6
farms	3 627	306	986	610	1 725	142
number						
Sheep and lambs shorn	288	11	39	40	198	6
farms	5 053	417	1 121	850	2 665	247
number						
pounds of wool	34 341	2 666	7 396	5 655	18 624	1 326
Horses and ponies inventory	1 174	81	119	233	741	5
farms	6 783	430	915	1 131	4 307	73
number						
\$1,000	351	43	48	102	158	1
Horses and ponies sold	(D)	(D)	180	240	301	(D)
farms	(D)	(D)	239	228	158	(D)
number						
Goats inventory	208	7	23	37	141	—
farms	1 698	291	91	372	944	—
number						
Goats sold	94	5	8	26	55	—
farms	1 102	169	107	260	566	—
number						
\$1,000	48	5	7	14	21	—
POULTRY						
Chickens 3 months old or older inventory	748	67	68	112	501	9
farms	56 390	16 709	13 976	6 861	18 844	14 325
number						
Farms with—						
1 to 399	714	50	55	108	501	3
400 to 3,199	34	17	13	4	—	4
3,200 to 9,999	—	—	—	—	—	2
10,000 to 19,999	—	—	—	—	—	—
20,000 to 49,999	—	—	—	—	—	—
50,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Hens and pullets of laying age	733	67	66	112	488	9
farms	51 632	16 352	13 433	6 667	15 180	12 020
number						
Pullets 3 months old or older not of laying age	184	4	4	5	171	5
farms	4 758	357	543	194	3 664	2 305
number						

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
POULTRY—Con.							
Chickens 3 months old or older sold	farms number	276	110	8	26	29	33
Broilers and other meat-type chickens sold	farms number	1 093 544 49	1 050 821 7	393 907	284 500	210 860	101 256 4
Farms with—							
1 to 1,999		42	3	—	—	2	1
2,000 to 59,999		7	4	—	—	2	2
60,000 to 99,999		—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—
Turkey hens kept for breeding	farms number	22	6	3	—	1	2
Turkeys sold	farms number	1 765 70	1 559 24	—	1 550 4	— 3	(D) 11
		137 722	133 925	—	69 600	13 250	41 960
CROPS HARVESTED							
Corn for all purposes	farms acres	1 151 44 269	680 38 455	8 3 343	58 8 230	148 11 982	299 11 601
Tobacco	farms acres	44 1 078	31 651	6 79	3 186	9 82	6 35
Irrigated	farms acres	1 536 802 607	1 447 368 601	812 949 481	105 075 (D)	310 053 51	148 891 (D)
Farms by acres harvested:							
0.1 to 4.9 acres		18	7	—	—	3	4
5.0 to 24.9 acres		16	14	—	1	5	6
25.0 acres or more		10	10	6	2	2	—
Irish potatoes	farms acres	187 3 504	76 3 238	2 (D)	5 (D)	7 180	27 720
Irrigated	farms acres	749 463	710 356	—	—	37 029	144 465
		26	14	—	—	30	127
Farms by acres harvested:							
0.1 to 0.9 acres		52	10	—	—	1	1
1.0 to 4.9 acres		77	23	—	—	1	9
5.0 to 24.9 acres		33	19	—	—	2	7
25.0 to 99.9 acres		18	17	—	1	3	9
100.0 acres or more		7	7	2	4	—	4
Hay crops (see text)	farms acres	3 078 133 117	883 71 326	11 2 146	62 8 202	162 16 611	389 29 486
Irrigated	tons, dry	262 706	163 272	5 326	19 479	40 979	67 696
	farms acres	15	6	—	1	1	3
Farms by acres harvested:							
1 to 24 acres		1 336	150	3	9	23	55
25 to 99 acres		1 416	474	1	21	66	229
100 to 499 acres		322	255	6	31	73	103
500 acres or more		4	4	1	1	—	2
Alfalfa hay	farms acres	1 080 27 375	458 16 829	6 835	30 1 431	98 3 639	216 7 978
Irrigated	tons, dry	68 609	46 773	2 137	4 190	11 211	21 350
	farms acres	7	4	—	—	1	1
All vegetables harvested for sale (see text)	farms acres	1 092 15 214	340 10 704	6 363	16 804	52 2 915	116 3 398
Irrigated	farms acres	330 4 507	140 3 733	1 (D)	6 (D)	33 1 233	51 1 183
Farms by acres harvested:							
0.1 to 4.9 acres		473	57	—	—	3	31
5.0 to 24.9 acres		453	144	2	8	15	34
25.0 to 99.9 acres		145	118	2	5	25	47
100.0 acres or more		21	21	2	3	9	4
Land in orchards	farms acres	512 8 556	131 6 376	4 945	12 1 440	21 1 252	55 2 134
Irrigated	farms acres	38	9	—	—	—	5
		119	50	—	—	—	31
Farms by acres in orchards:							
0.1 to 4.9 acres		267	21	—	—	1	9
5.0 to 24.9 acres		151	31	—	1	2	8
25.0 to 99.9 acres		76	61	—	2	15	36
100.0 acres or more		18	18	4	9	3	2
Apples	farms total acres pounds	449 7 695 92 208 721	124 5 922 85 754 781	4 881 15 240 000	12 22 377 158	20 17 130 006	52 1 963 25 831 250
							36 492 5 176 367

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	farms number					
POULTRY—Con.						
Chickens 3 months old or older sold	159 35 022	24 17 003	28 8 439	29 3 764	78 5 816	7 7 701
Broilers and other meat-type chickens sold	40 (D)	2 (D)	4 11 400	12 798	22 2 643	2 (D)
Farms with—						
1 to 1,999	38	2	2	12	22	1
2,000 to 59,999	2	—	2	—	—	1
60,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Turkey hens kept for breeding	13 102	2 (D)	3 56	2 (D)	6 25	3 104
Turkeys sold	43 3 288	2 (D)	7 1 406	16 564	18 (D)	3 509
CROPS HARVESTED						
Corn for all purposes	456 5 080	90 1 551	95 1 822	94 796	177 911	15 734
Tobacco	13 (D)	5 30	6 14	2 (D)	— (D)	— (D)
Irrigated	3 (D)	— (D)	3 59 106	— 26 699	— (D)	— (D)
Farms by acres harvested:						
0.1 to 4.9 acres	11	3	6	2	—	—
5.0 to 24.9 acres	2	2	—	—	—	—
25.0 acres or more	—	—	—	—	—	—
Irish potatoes	109 (D)	19 120	21 67	15 31	54 46	2 (D)
Irrigated	10 (D)	4 21 199	3 9 878	1 5 038	2 2 522	2 (D)
Farms by acres harvested:						
0.1 to 0.9 acres	42	5	7	6	24	—
1.0 to 4.9 acres	52	7	10	6	29	2
5.0 to 24.9 acres	14	6	4	3	—	—
25.0 to 99.9 acres	1	1	—	—	—	—
100.0 acres or more	—	—	—	—	—	—
Hay crops (see text)	2 180 59 908	225 10 600	341 13 489	407 11 550	1 207 24 269	15 1 883
Irrigated	95 156 100	tons, dry (D)	19 982 —	26 614 —	19 336 (D)	4 278 67
Farms by acres harvested:						
1 to 24 acres	1 184	74	102	216	792	2
25 to 99 acres	939	124	226	178	411	3
100 to 499 acres	57	27	13	13	4	10
500 acres or more	—	—	—	—	—	—
Alfalfa hay	612 9 753	83 2 135	129 2 774	117 1 779	283 3 065	10 793
Irrigated	19 933 3	tons, dry (D)	5 017 1	6 693 —	3 541 1	4 682 —
All vegetables harvested for sale (see text)	746 4 468	145 1 753	233 1 549	176 694	192 473	6 42
Irrigated	187 757	farms acres	52 331	70 279	32 104	33 43
Farms by acres harvested:						
0.1 to 4.9 acres	415	42	82	124	167	1
5.0 to 24.9 acres	304	84	144	52	24	5
25.0 to 99.9 acres	27	19	7	—	1	—
100.0 acres or more	—	—	—	—	—	—
Land in orchards	377 2 099	38 370	53 376	75 450	211 903	4 81
Irrigated	29 69	farms (D)	4 (D)	1 10	17 28	— —
Farms by acres in orchards:						
0.1 to 4.9 acres	245	14	28	48	155	1
5.0 to 24.9 acres	118	22	23	20	53	2
25.0 to 99.9 acres	14	2	2	7	3	1
100.0 acres or more	—	—	—	—	—	—
Apples	321 1 701	34 292	43 313	68 372	176 724	4 72
	total acres pounds				395 055	787 808

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

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

(Excludes abnormal farms; see text)

All Farms

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)				Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
F FARMS AND LAND IN FARMS								
Forms	5 871	39	842	-	31	811	651	737
number	100.0	0.6	14.3	-	0.5	13.8	11.0	12.5
Land in farms	667 037	1 899	102 522	-	3 379	99 143	32 965	86 018
Acres	114	49	122	-	109	122	51	117
Value of land and buildings ¹	5 871	36	906	-	47	859	667	728
\$1,000	967 514	3 102	136 413	-	12 505	123 908	77 854	118 165
Average per farm	164 795	86 157	150 565	-	266 054	144 246	116 722	162 314
Dollars	1 427	2 962	1 294	-	2 666	1 231	1 933	1 425
Forms by value of land and buildings:								
\$1 to \$19,999	417	-	52	-	5	47	87	59
\$20,000 to \$39,999	640	6	92	-	11	81	98	101
\$40,000 to \$69,999	1 117	-	157	-	5	152	150	136
\$70,000 to \$99,999	947	24	160	-	8	152	74	114
\$100,000 to \$149,999	865	3	170	-	6	164	89	113
\$150,000 to \$199,999	502	3	93	-	2	91	46	64
\$200,000 to \$499,999	1 037	-	146	-	4	142	98	99
\$500,000 to \$999,999	242	-	22	-	2	20	23	25
\$1,000,000 or more	104	-	14	-	4	10	2	17
Owned and rented land by operator:								
Land owned	5 513	39	769	-	28	741	591	716
farms	527 274	1 466	84 473	-	2 801	81 672	26 910	78 700
acres	-	-	-	-	14	251	236	119
Land rented or leased from others	2 042	29	265	-	735	19 339	6 754	8 062
farms	150 747	(D)	20 074	-	-	-	43	22
acres	392	1	102	-	8	94	-	-
Land rented or leased to others	10 984	(D)	2 025	-	157	1 868	699	744
L LAND IN FARMS ACCORDING TO USE								
Total cropland	5 506	39	842	-	31	811	651	737
farms	307 310	923	48 523	-	1 874	46 649	17 412	25 161
acres	5 087	39	842	-	31	811	651	737
Harvested cropland	210 973	772	36 167	-	1 102	35 065	14 112	20 805
Farms by acres harvested:								
1 to 49 acres	3 863	37	647	-	24	623	576	637
50 to 99 acres	654	1	130	-	3	127	53	58
100 to 199 acres	414	-	49	-	4	45	20	31
200 to 499 acres	137	1	12	-	-	12	2	9
500 to 999 acres	16	-	4	-	-	4	-	1
1,000 to 1,999 acres	2	-	-	-	-	-	-	1
2,000 acres or more	1	-	-	-	-	-	-	-
Cropland:								
Pasture or grazing only	2 497	27	364	-	5	359	87	63
farms	76 915	137	8 763	-	(D)	(D)	1 035	1 362
acres	-	-	-	-	-	-	-	-
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	334	3	50	-	14	36	44	51
farms	3 988	(D)	986	-	492	494	231	517
On which all crops failed	129	4	11	-	-	11	43	24
farms	828	5	51	-	-	51	163	169
In cultivated summer fallow	105	-	13	-	3	10	21	16
farms	1 288	-	76	-	26	50	156	76
Idle	740	2	134	-	4	130	146	136
farms	13 318	(D)	2 480	-	(D)	(D)	1 715	2 232
Total woodland	3 565	37	611	-	24	587	281	455
farms	267 291	724	44 710	-	822	43 888	11 958	39 560
acres	989	3	145	-	3	142	51	61
Woodland pastured	37 446	83	5 503	-	54	5 449	1 961	2 459
farms	3 125	36	535	-	23	512	256	413
acres	229 845	641	39 207	-	768	38 439	9 997	37 101
Pastureland and rangeland other than cropland and woodland pastured	702	3	91	-	1	90	29	45
farms	30 984	30	2 836	-	(D)	(D)	580	1 070
acres	4 003	33	539	-	23	516	390	538
Land in house lots, ponds, roads, wasteland, etc.	61 452	222	6 453	-	(D)	(D)	3 015	20 227
Pastureland, all types	3 194	31	460	-	8	452	125	148
farms	145 345	250	17 102	-	297	16 805	3 576	4 891
acres	1 021	3	54	-	14	40	212	414
Irrigated land	16 893	6	886	-	602	284	3 647	10 298
farms	1 014	3	52	-	14	38	212	414
Harvested cropland irrigated	16 725	3	858	-	(D)	(D)	(D)	10 253
Pastureland irrigated	10	-	2	-	-	2	-	4
farms	100	-	(D)	-	-	(D)	-	28
Other land irrigated	18	3	1	-	-	1	-	6
farms	68	3	(D)	-	(D)	-	(D)	17
Land set aside in the federal farm programs in 1978	48	-	8	-	-	8	1	2
farms	1 077	-	319	-	-	319	(D)	(D)
RACE AND TENURE OF OPERATOR								
All operators	5 871	39	842	-	31	811	651	737
number	3 834	10	578	-	17	561	415	618
Full owners	1 678	29	191	-	11	180	176	97
Part owners	359	-	73	-	3	70	60	22
Tenants	5 839	39	838	-	31	807	647	727
White	3 809	10	574	-	17	557	412	608
Full owners	1 672	29	191	-	11	180	176	97
Part owners	358	-	73	-	3	70	59	22
Black and other races	32	-	4	-	-	4	4	10
Full owners	25	-	4	-	-	4	3	10
Part owners	6	-	-	-	-	-	-	-
Tenants	1	-	-	-	-	-	1	-

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
FARMS AND LAND IN FARMS								
Farms	number	644	270	1 227	619	814	207	340
Land in farms	percent	10.9	4.5	20.8	10.5	13.8	3.5	5.7
Average size of farm	acres	16 177	21 950	141 663	84 531	229 071	10 703	13 675
Value of land and buildings ¹	farms	25	81	115	137	281	52	40
Average per farm	dollars	\$1,000	82 201	36 379	189 432	104 116	245 143	23 802
Average per acre	dollars	131 520	144 938	155 527	169 019	308 355	116 108	110 906
Average per acre	dollars	5 914	2 139	1 243	1 159	1 065	2 031	2 831
Farms by value of land and buildings:								
\$1 to \$19,999		79	13	67	28	6	30	19
\$20,000 to \$39,999		94	8	135	51	27	18	55
\$40,000 to \$69,999		119	43	284	112	58	56	78
\$70,000 to \$99,999		114	122	188	87	58	10	75
\$100,000 to \$149,999		91	24	195	107	92	37	38
\$150,000 to \$199,999		26	10	89	72	107	12	35
\$200,000 to \$499,999		77	25	199	126	315	37	28
\$500,000 to \$999,999		15	2	42	22	99	4	2
\$1,000,000 or more		10	4	19	11	33	1	3
Owned and rented land by operator:								
Land owned	farms	587	264	1 176	591	749	199	326
Land rented or leased from others	farms	13 357	16 901	117 114	66 781	157 382	9 496	12 148
Land rented or leased to others	farms	115	91	440	244	617	33	70
	acres	(D)	5 845	28 165	20 191	72 638	1 583	2 518
	acres	26	17	111	76	23	12	18
	acres	(D)	796	3 616	2 441	949	376	991
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	644	270	1 061	583	798	117	249
Cropland	acres	7 570	10 698	59 350	40 945	123 579	3 185	5 647
Harvested cropland	farms	644	269	872	514	780	85	5 262
	acres	5 216	6 859	29 572	19 509	91 301	1 726	2 157
Farms by acres harvested:								
1 to 49 acres		626	241	697	386	176	79	82
50 to 99 acres		9	15	110	81	262	4	4
100 to 199 acres		5	12	53	42	237	1	3
200 to 499 acres		3	1	12	5	93	1	3
500 to 999 acres		1	—	—	—	10	—	—
1,000 to 1,999 acres		—	—	—	—	1	—	—
2,000 acres or more		—	—	—	—	1	—	—
Cropland:								
Pasture or grazing only	farms	41	194	800	453	570	57	217
	acres	553	3 432	25 040	18 195	29 595	1 232	3 148
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	42	9	81	45	37	6	7
	acres	471	45	532	254	945	27	(D) 171
On which all crops failed	farms	7	4	12	5	14	5	1
	acres	54	(D)	87	42	166	18	(D) 35
In cultivated summer fallow	farms	14	3	16	8	18	3	—
	acres	91	(D)	128	21	660	21	(D) —
Idle	farms	74	12	133	81	42	16	40
	acres	1 185	(D)	3 991	2 924	912	161	234
Total woodland	farms	158	186	892	467	626	109	154
Woodland pastured	farms	4 779	9 298	63 077	34 985	79 203	4 552	5 506
	acres	21	21	317	159	295	20	32
Woodland not pastured	farms	165	542	9 650	5 744	15 524	361	322
	acres	150	175	758	409	523	100	131
Pastureland and rangeland other than cropland and woodland pastured	farms	4 614	8 756	53 427	29 241	63 679	4 191	5 184
	acres	18	28	211	105	209	19	38
Land in house lots, ponds, roads, wasteland, etc.	farms	420	762	8 977	3 638	14 764	464	809
	acres	420	206	898	438	523	168	241
	acres	3 408	1 192	10 259	4 963	11 525	2 502	1 713
Pastureland, all types	farms	70	211	1 003	535	728	79	247
Irrigated land	farms	1 138	4 736	43 667	27 577	59 883	2 057	4 279
	acres	270	12	17	7	10	16	3
Harvested cropland irrigated	farms	1 418	203	82	46	167	94	24
	acres	267	12	16	6	10	15	3
Pastureland irrigated	farms	1 379	(D)	(D)	(D)	(D)	(D)	24
	acres	1	—	2	2	—	1	—
Other land irrigated	farms	4	2	(D)	(D)	(D)	(D)	—
	acres	(D)	(D)	—	—	(D)	—	—
Land set aside in the federal farm programs in 1978	farms	1	2	16	7	16	1	—
	acres	(D)	(D)	205	79	511	(D)	—
RACE AND TENURE OF OPERATOR								
All operators	number	644	270	1 227	619	814	207	340
Full owners	number	530	179	790	375	197	174	270
Part owners	number	57	85	386	216	552	25	56
Tenants	number	57	6	51	28	65	8	14
White	number	637	269	1 222	618	813	207	340
Full owners	number	523	179	789	374	197	174	270
Part owners	number	57	84	382	216	551	25	56
Tenants	number	57	6	51	28	65	8	14
Black and other races	number	7	1	5	1	1	—	—
Full owners	number	7	—	1	1	—	—	—
Part owners	number	—	1	4	—	1	—	—
Tenants	number	—	—	—	—	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)				Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
F FARMS BY TYPE OF ORGANIZATION								
Individual or family	5 017	38	760	—	19	741	573	587
farms								
acres	489 437	(D)	86 293	—	1 073	85 220	27 846	44 348
Partnership	447	1	59	—	3	56	50	69
farms								
acres	73 987	(D)	9 252	—	360	8 892	3 343	7 145
Corporations:								
Family held	325	—	8	—	3	5	23	56
More than 10 stockholders	65 483	—	3 077	—	687	(D)	—	12 832
10 or less stockholders	6	—	1	—	1	—	—	—
Other than family held	319	—	7	—	2	5	23	56
More than 10 stockholders	40	—	7	—	6	1	1	11
10 or less stockholders	20 949	—	1 362	—	1 259	(D)	(D)	17 899
Other—cooperative, estate or trust, etc.	24	—	1	—	—	1	1	6
farms								
acres	42	—	8	—	—	8	4	14
	17 181	—	2 538	—	—	2 538	239	3 794
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	4 769	30	678	—	17	661	543	469
Not on farm operated	734	6	101	—	11	90	65	222
Operators by age group:								
Under 25 years	90	—	15	—	—	15	8	6
25 to 34 years	589	1	67	—	5	62	63	74
35 to 44 years	1 187	8	148	—	—	147	79	116
45 to 54 years	1 343	25	182	—	5	177	150	163
55 to 64 years	1 531	5	230	—	16	214	208	203
65 years and over	1 131	—	200	—	4	196	143	175
Average age	51.9	47.2	53.7	—	54.8	53.7	54.0	53.9
Operators by sex:								
Male	5 418	39	772	—	28	744	614	684
Female	453	—	70	—	3	67	37	53
Operators of Spanish origin	41	—	27	—	—	27	2	2
Operators by principal occupation:								
Farming	3 046	4	301	—	26	275	388	407
Other	2 825	35	541	—	5	536	263	330
Operators reporting days of work off farm:								
None	2 373	6	254	—	24	230	280	288
1 to 99 days	438	1	86	—	2	84	53	89
100 to 199 days	537	2	92	—	2	90	71	68
200 days or more	2 294	30	377	—	3	374	218	259
F FARMS BY SIZE								
1 to 9 acres	987	1	17	—	2	15	139	99
10 to 49 acres	1 797	32	204	—	11	193	309	269
50 to 69 acres	515	1	128	—	2	126	60	77
70 to 99 acres	498	2	116	—	3	113	63	53
100 to 139 acres	575	1	122	—	3	119	28	92
140 to 179 acres	420	1	99	—	4	95	23	35
180 to 219 acres	288	—	53	—	1	52	10	34
220 to 259 acres	153	—	25	—	1	24	4	16
260 to 499 acres	477	1	61	—	4	57	12	46
500 to 999 acres	133	—	15	—	—	15	2	9
1,000 to 1,999 acres	23	—	2	—	—	2	1	5
2,000 acres or more	5	—	—	—	—	—	—	2
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	39	39	—	—	—	—	—	—
Field crop, except cash grain farms (013)	842	—	842	—	31	811	—	—
Cotton farms (0131)	—	—	—	—	—	—	—	—
Tobacco farms (0132)	31	—	31	—	31	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	811	—	811	—	—	811	—	—
Vegetable and melon farms (016)	651	—	—	—	—	—	651	—
Fruit and tree nut farms (017)	737	—	—	—	—	—	—	737
Horticultural specialty farms (018)	644	—	—	—	—	—	—	—
General farms, primarily crop (019)	270	—	—	—	—	—	—	—
Livestock farms, except dairy, poultry, and animal specialty (021)	1 227	—	—	—	—	—	—	—
Beef cattle farms, except feedlots (0212)	619	—	—	—	—	—	—	—
Dairy farms (024)	814	—	—	—	—	—	—	—
Poultry and egg farms (025)	207	—	—	—	—	—	—	—
Animal specialty farms (027)	340	—	—	—	—	—	—	—
General farms, primarily livestock (029)	100	—	—	—	—	—	—	—
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	forms	\$1,000	213 473	147	13 634	—	6 815	6 818
						31	811	651
Farms by value of agricultural products sold:						31	811	651
\$500,000 or more	49	—	8	—	6	2	1	9
\$200,000 to \$499,999	145	—	5	—	2	3	3	25
\$100,000 to \$199,999	293	—	6	—	4	2	22	36
\$40,000 to \$99,999	688	1	18	—	5	13	48	98
\$20,000 to \$39,999	565	—	37	—	2	35	93	85
\$10,000 to \$19,999	556	1	55	—	4	51	87	83
\$5,000 to \$9,999	714	2	160	—	6	154	136	101
\$2,500 to \$4,999	849	1	174	—	2	172	134	102
Less than \$2,500	2 012	34	379	—	—	379	127	198

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty forms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty forms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
F FARMS BY TYPE OF ORGANIZATION								
Individual or family	450	255	1 120	568	645	177	318	94
farms							(D)	
acres	8 787	20 180	115 690	74 599	154 868	7 646	12 487	5
Partnership	46	9	78	39	113	8	9	
farms						(D)	201	
acres	1 928	1 095	13 954	7 122	35 273			(D)
Corporations:								
Family held	137	6	18	6	51	16	9	1
farms								
acres	4 739	675	(D)	(D)	36 829	1 387	845	(D)
More than 10 stockholders	2	—	—	—	2	1	—	—
10 or less stockholders	135	6	18	6	49	15	9	1
farms								
Other than family held	10	—	2	2	—	5	4	—
farms								
acres	(D)	—	(D)	(D)	—	680	142	—
More than 10 stockholders	2	—	—	—	—	2	1	—
10 or less stockholders	8	—	2	2	—	3	3	—
farms								
Other—cooperative, estate or trust, etc.	1	—	9	4	5	1	—	—
farms						(D)		
acres	(D)	—	8 304	810	2 101			
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	459	253	1 052	537	718	169	305	93
farms								
Not on farm operated	142	13	84	38	54	23	22	2
Operators by age group:								
Under 25 years	1	3	24	12	12	11	10	
25 to 34 years	79	18	119	46	89	18	50	11
35 to 44 years	138	114	278	120	134	28	103	41
45 to 54 years	148	61	287	128	204	44	65	14
55 to 64 years	149	41	293	174	247	75	58	22
65 years and over	129	33	226	139	128	31	54	12
Average age	51.6	48.2	51.3	53.2	51.9	51.6	47.5	47.4
Operators by sex:								
Male	584	250	1 155	590	769	192	267	92
farms								
Female	60	20	72	29	45	15	73	8
farms								
Operators of Spanish origin	5	—	2	—	2	1	—	—
Operators by principal occupation:								
Farming	409	63	460	248	752	139	98	25
farms								
Other	235	207	767	371	62	68	242	75
Operators reporting days of work off farm:								
None	341	45	314	163	616	120	89	20
farms								
1 to 99 days	60	12	55	36	57	9	13	3
farms								
100 to 199 days	56	18	149	71	30	9	33	9
farms								
200 days or more	160	191	665	330	69	60	199	66
F FARMS BY SIZE								
1 to 9 acres	384	5	129	27	11	56	116	30
farms								
10 to 49 acres	185	157	366	136	29	75	147	24
farms								
50 to 69 acres	17	14	130	72	31	32	21	4
farms								
70 to 99 acres	22	25	122	68	57	14	15	9
farms								
100 to 139 acres	15	27	148	86	103	15	17	7
farms								
140 to 179 acres	4	15	118	93	98	6	9	12
farms								
180 to 219 acres	5	10	61	32	105	3	4	3
farms								
220 to 259 acres	2	2	24	13	72	2	5	1
farms								
260 to 499 acres	8	14	104	79	217	2	6	6
farms								
500 to 999 acres	2	1	21	13	78	2	—	3
farms								
1,000 to 1,999 acres	—	—	3	—	11	—	—	1
farms								
2,000 acres or more	—	—	1	—	2	—	—	—
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	—	—	—	—	—	—	—	—
Field crop, except cash grain farms (013)	—	—	—	—	—	—	—	—
Cotton farms (0131)	—	—	—	—	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	—	—	—	—	—	—	—	—
Vegetable and melon farms (016)	—	—	—	—	—	—	—	—
Fruit and tree nut farms (017)	—	—	—	—	—	—	—	—
Horticultural specialty farms (018)	644	—	—	—	—	—	—	—
General farms, primarily crop (019)	—	270	—	—	—	—	—	—
Livestock farms, except dairy, poultry, and animal specialty (021)	—	—	1 227	619	—	—	—	—
Beef cattle farms, except feedlots (0212)	—	—	619	619	—	—	—	—
Dairy farms (024)	—	—	—	—	814	—	—	—
Poultry and egg farms (025)	—	—	—	—	—	207	—	—
Animal specialty farms (027)	—	—	—	—	—	—	340	—
General farms, primarily livestock (029)	—	—	—	—	—	—	—	100
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold	forms	\$1,000	644	270	1 227	619	814	207
			41 171	1 279	11 921	4 860	67 689	18 688
Farms by value of agricultural products sold:								
\$500,000 or more	16	—	1	—	6	7	1	—
\$200,000 to \$499,999	31	—	12	5	51	17	—	1
\$100,000 to \$199,999	45	2	5	3	151	22	2	2
\$40,000 to \$99,999	94	8	36	15	331	32	16	6
\$20,000 to \$39,999	72	7	45	17	180	28	14	4
\$10,000 to \$19,999	101	16	87	27	68	17	40	1
\$5,000 to \$9,999	81	10	148	86	10	17	46	3
\$2,500 to \$4,999	81	6	249	129	7	17	68	10
Less than \$2,500	123	221	644	337	10	50	153	73

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

Market value of agricultural products sold—Con.

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Grain	99	39	12	—	—	12	14	—
Sales of \$40,000 or more	365	140	93	—	—	93	52	—
Commodity Credit Corporation loans	2	1	1	—	—	1	—	—
Cotton and cottonseed	1	(D)	1	—	—	(D)	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
Tobacco	44	—	34	—	31	3	1	—
Sales of \$40,000 or more	6 985	6 787	6 742	—	45	(D)	—	—
Field seeds, hay, forage, and silage	1 269	5	16	—	16	—	1	—
Sales of \$40,000 or more	4 663	3	3 135	—	1	3 134	160	93
Vegetables, sweet corn, and melons	1 411	(D)	5	—	—	5	—	—
Sales of \$40,000 or more	1 086	—	91	—	8	83	651	61
Fruits, nuts, and berries	13 659	—	339	—	39	300	11 064	247
Sales of \$40,000 or more	77	—	1	—	—	1	65	—
Nursery and greenhouse products	30 331	(D)	40	—	—	40	366	29 470
Sales of \$40,000 or more	165	—	—	—	—	—	—	164
Other crops	24 780	—	—	—	—	—	—	(D)
Sales of \$40,000 or more	797	—	6	—	—	6	99	16
Poultry and poultry products	41 086	4	4	—	—	4	837	62
Sales of \$40,000 or more	188	—	—	—	—	—	4	—
Dairy products	35 904	—	—	—	—	—	217	—
Sales of \$40,000 or more	181	—	84	—	5	79	61	3
Cattle and calves	3 394	—	2 924	—	(D)	2 901	(D)	(Z)
Sales of \$40,000 or more	16	—	13	—	—	13	1	—
Hogs and pigs	2 639	—	2 440	—	—	2 440	(D)	—
Sales of \$40,000 or more	566	—	54	—	—	54	33	10
Sheep, lambs, and wool	18 584	—	13	—	—	13	33	2
Sales of \$40,000 or more	77	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	3 401	—	—	—	—	—	—	—
Sales of \$40,000 or more	334	—	42	—	—	42	11	11
Commercially mixed formula feeds	14 876	—	27	—	—	27	49	46
Sales of \$40,000 or more	17	—	—	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES*								
Livestock and poultry purchased	farms \$1,000	2 033	9	244	—	4	240	76
Farms with expenses of—	\$1,000	11 358	8	115	—	4	111	27
\$1 to \$4,999		1 659	9	239	—	4	235	75
\$5,000 to \$19,999		269	—	5	—	—	5	23
\$20,000 to \$49,999		71	—	—	—	—	1	5
\$50,000 or more		34	—	—	—	—	—	—
Feed for livestock and poultry	farms \$1,000	3 303	33	363	—	5	358	117
Farms with expenses of—	\$1,000	40 209	9	212	—	6	206	70
\$1 to \$4,999		2 239	33	363	—	5	358	117
\$5,000 to \$19,999		553	—	—	—	—	—	2
\$20,000 to \$49,999		353	—	—	—	—	—	—
\$50,000 or more		158	—	—	—	—	—	1
Farms by tons purchased:								
1 to 99 tons	farms \$1,000	2 173	24	192	—	—	192	61
100 to 499 tons		219 258	12	578	—	—	578	300
500 tons or more		33 270	2	88	—	—	88	776
Farms with expenses of—		1 593	24	192	—	—	192	42
\$1 to \$4,999		513	—	—	—	—	—	120
\$5,000 to \$19,999		67	—	—	—	—	—	—
\$20,000 to \$49,999		1 256	24	192	—	—	192	61
\$50,000 or more		530	—	—	—	—	—	45

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)					
			Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
Market value of agricultural products sold—Con.								
Grain	2	13	14	6	3	1	—	1
\$1,000—	(D)	36	38	7	4	(D)	—	(D)
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Cotton and cottonseed	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Tobacco	—	5	—	—	4	—	—	—
\$1,000—	—	65	—	—	(D)	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	25	38	165	86	84	23	26	27
\$1,000—	47	150	408	225	441	62	45	119
Sales of \$40,000 or more	—	—	—	—	2	—	—	1
\$1,000—	—	—	—	—	(D)	—	—	(D)
Vegetables, sweet corn, and melons	74	43	81	47	49	26	4	6
\$1,000—	896	415	171	59	340	118	2	67
Sales of \$40,000 or more	7	2	—	—	1	—	—	1
\$1,000—	454	(D)	—	—	(D)	—	—	(D)
Fruits, nuts, and berries	31	28	19	2	14	12	5	2
\$1,000—	68	100	21	(D)	68	60	21	(D)
Sales of \$40,000 or more	—	—	—	—	—	—	—	1
\$1,000—	—	—	—	—	—	—	—	(D)
Nursery and greenhouse products	644	17	2	—	4	6	2	1
\$1,000—	39 977	135	(D)	—	41	15	(D)	(D)
Sales of \$40,000 or more	184	—	—	—	—	—	—	—
\$1,000—	35 687	—	—	—	—	—	—	—
Other crops	5	19	2	1	5	1	—	1
\$1,000—	143	143	(D)	(D)	20	(D)	—	(D)
Sales of \$40,000 or more	1	1	(D)	(D)	—	—	—	—
\$1,000—	(D)	(D)	—	—	—	—	—	—
Poultry and poultry products	12	12	131	36	40	206	49	19
\$1,000—	4	19	47	18	105	18 216	7	139
Sales of \$40,000 or more	—	—	—	—	—	76	—	1
\$1,000—	—	—	—	—	—	(D)	—	(D)
Dairy products	1	1	63	22	814	2	—	18
\$1,000—	(D)	(D)	448	333	60 029	(D)	—	336
Sales of \$40,000 or more	—	—	5	3	499	1	—	3
\$1,000—	—	—	298	202	52 862	(D)	—	138
Cattle and calves	6	31	936	619	810	34	23	25
\$1,000—	29	121	5 370	4 142	6 278	77	30	283
Sales of \$40,000 or more	—	—	23	20	18	—	—	2
\$1,000—	—	—	2 668	2 148	(D)	—	—	(D)
Hogs and pigs	1	15	388	38	34	16	9	14
\$1,000—	(D)	68	5 088	52	258	49	4	36
Sales of \$40,000 or more	—	1	27	—	1	—	—	—
\$1,000—	—	(D)	(D)	—	(D)	—	—	—
Sheep, lambs, and wool	11	2	215	46	11	15	12	4
\$1,000—	2	(D)	199	11	(D)	5	2	2
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	13	2	166	45	17	20	340	7
\$1,000—	(D)	(D)	120	10	11	5	14 657	4
Sales of \$40,000 or more	—	—	—	—	—	—	17	—
\$1,000—	—	—	—	—	—	—	13 038	—
SELECTED FARM PRODUCTION EXPENSES:								
Livestock and poultry purchased	forms	9	53	713	314	439	198	191
\$1,000—		1	83	3 251	1 875	4 090	1 405	2 274
Farms with expenses of—								73
\$1 to \$4,999		9	49	629	279	253	135	167
\$5,000 to \$19,999		—	4	46	13	144	47	16
\$20,000 to \$49,999		—	—	24	10	28	11	7
\$50,000 or more		—	—	14	12	14	5	1
Feed for livestock and poultry	forms	40	133	1 141	553	792	203	315
\$1,000—		21	150	3 382	1 232	21 847	10 368	3 721
Farms with expenses of—								94
\$1 to \$4,999		40	123	1 025	504	40	70	271
\$5,000 to \$19,999		—	10	99	43	345	63	32
\$20,000 to \$49,999		—	—	8	4	305	26	11
\$50,000 or more		—	—	9	2	102	44	1
Commercially mixed formula feeds	forms	16	69	549	314	792	202	141
\$1,000—		30	418	8 061	3 694	126 124	68 532	13 371
Farms by tons purchased:		5	64	1 236	546	18 238	10 227	3 090
1 to 99 tons		16	69	529	308	323	117	138
100 to 499 tons		—	—	18	5	438	53	2
500 tons or more		—	—	2	1	31	32	1
Farms with expenses of—								80
\$1 to \$4,999		16	68	520	305	68	70	116
\$5,000 to \$19,999		—	1	18	5	421	63	24
\$20,000 to \$49,999		—	—	8	3	235	26	1
\$50,000 or more		—	—	3	1	68	43	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)				Vegetable and melon farms (016) Fruit and tree nut farms (017)	
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs	farms \$1,000	2 478 1 500	— 18	207 —	— (Z)	5 202 18	49 7	34 6
Forms with expenses of—								
\$1 to \$499		1 791	—	207	—	5	202	48
\$500 to \$999		305	—	—	—	—	—	1
\$1,000 to \$2,999		309	—	—	—	—	—	1
\$3,000 or more		73	—	—	—	—	—	—
Seeds, bulbs, plants, and trees	farms \$1,000	3 034 7 812	6 1	450 517	— —	29 114 403	421 558 574	246 275
Farms with expenses of—								
\$1 to \$999		2 169	6	374	—	9	365	178
\$1,000 to \$4,999		638	—	45	—	4	41	51
\$5,000 to \$9,999		123	—	27	—	16	11	16
\$10,000 or more		104	—	4	—	4	6	1
Commercial fertilizer	farms \$1,000	3 989 7 250	12 3	596 1 287	— —	47 404	549 883	672 624
Farms with expenses of—								
\$1 to \$2,499		3 234	12	504	—	22	482	560
\$2,500 to \$9,999		640	—	75	—	16	59	54
\$10,000 to \$19,999		81	—	7	—	3	4	3
\$20,000 or more		34	—	10	—	6	4	2
Other agricultural chemicals including lime	farms \$1,000	3 772 4 007	30 2	445 564	— —	41 150	404 414	549 550
Farms with expenses of—								
\$1 to \$2,499		3 438	30	402	—	27	375	488
\$2,500 to \$9,999		272	—	34	—	9	25	85
\$10,000 to \$19,999		37	—	2	—	—	2	20
\$20,000 or more		25	—	7	—	5	2	12
Energy and petroleum products	farms \$1,000	5 832 15 934	36 8	894 1 148	— —	47 414	847 734	661 1 036
Farms with expenses of—								
\$1 to \$2,499		4 563	36	816	—	24	792	545
\$2,500 to \$9,999		1 016	—	65	—	13	52	109
\$10,000 to \$19,999		138	—	5	—	3	2	24
\$20,000 or more		115	—	8	—	7	1	3
Petroleum products	farms \$1,000	5 825 11 954	36 8	894 976	— —	47 391	847 585	661 876
Gasoline	farms \$1,000	5 516	36	861	—	47	814	639
Diesel fuel	farms \$1,000	4 789	7	485	—	123	362	507
LP gas, butane, and propane	farms \$1,000	1 725 1 108	3 (Z)	274 129	— —	13 13	261	132
Fuel oil	farms \$1,000	488 516	3 (Z)	37 241	— —	11 233	26 8	146 16
Natural gas	farms \$1,000	149	—	44	—	9	35	197
Kerosene, motor oil, and grease	farms \$1,000	170	—	3	—	3	—	14
Electricity	farms \$1,000	5 824 924	36 1	894 76	— —	47 14	847 62	661 63
Other—coal, wood, coke, etc.	farms \$1,000	3 834 3 849	6 (Z)	532 149	— —	36 20	496 129	327 149
Hired farm labor	farms \$1,000	377 131	— —	87 23	— —	5 2	82 20	31 11
Workers by number of days worked:								
150 days or more	farms workers	2 754 6 028	3 5	335 4 129	— —	37 3 419	298 710	300 2 737
Less than 150 days	farms workers	2 234 17 418	3 3	305 3 860	— —	61 2 849	114 1 011	130 2 014
Contract labor	farms \$1,000	469 1 658	— —	73 60	— —	73 60	67 272	168 839
Farms with expenses of—								
\$1 to \$2,499		334	—	67	—	67	52	108
\$2,500 to \$9,999		103	—	6	—	6	10	38
\$10,000 to \$19,999		12	—	—	—	—	4	7
\$20,000 or more		20	—	—	—	—	1	15
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 173 1 690	30 5	202 200	— —	24 110	178 90	95 64
Farms with expenses of—								
\$1 to \$2,499		1 077	30	191	—	18	173	90
\$2,500 to \$9,999		75	—	5	—	—	5	5
\$10,000 to \$19,999		17	—	6	—	6	—	8
\$20,000 or more		4	—	—	—	—	—	3
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	farms \$1,000	411 836	2 (D)	89 (D)	— —	1 (D)	88 156	43 83
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	1 250 9 745	3 2	127 223	— —	4 2	123 222	332 2 735
219 3 177								

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)					
			Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs— farms. \$1,000.	6 1	162 23	828 202	405 95	750 853	127 92	264 285	51 14
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,999 \$3,000 or more	6 — — —	160 1 1	733 45 46	345 37 23	276 207 213	91 21 9	196 24 35	45 2 4 —
Seeds, bulbs, plants, and trees— farms. \$1,000.	520 5 616	68 54	396 138	175 56	656 609	61 20	22 2	51 6
Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 or more	182 191 56 91	51 17 — —	371 24 1 —	169 6 — —	441 206 7 2	59 2 — —	22 — — —	50 1 — —
Commercial fertilizer— farms. \$1,000.	408 488	124 171	601 530	324 278	679 3 098	68 80	97 29	65 22
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	372 27 6 3	112 7 5 —	556 40 3 2	301 22 1 —	278 337 50 14	65 1 1 1	97 — — —	65 — — —
Other agricultural chemicals including lime— farms. \$1,000.	425 324	149 37	505 214	255 131	684 812	85 15	129 35	71 16
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	396 21 6 2	147 2 — —	492 13 — —	252 3 — —	617 58 7 2	84 1 — —	128 1 — —	71 — — —
Energy and petroleum products— farms. \$1,000.	625 5 277	251 130	1 201 1 183	606 468	795 3 707	205 1 040	332 786	107 50
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	408 112 36 69	242 8 1 —	1 102 91 5 3	566 39 1 —	289 439 51 16	146 39 11 9	315 15 1 1	104 3 — —
Petroleum products— farms. \$1,000.	625 4 589	247 109	1 201 914	606 356	795 2 377	205 583	331 405	107 35
Gasoline— farms. \$1,000.	511 663	246 72	1 158 633	569 261	770 1 306	192 272	289 143	101 26
Diesel fuel— farms.	108	42	274	134	609	41	57	21
LP gas, butane, and propane— farms. \$1,000.	57 92	12 3	97 46	36 14	586	28	48	4
Fuel oil— farms. \$1,000.	321 627	26 9	129 73	47 15	153	53	51	4
Natural gas— farms. \$1,000.	45 (D)	1 1	6 (Z)	5	250	109	22	(Z)
Kerosene, motor oil, and grease— farms. \$1,000.	624 133	247 14	1 201 92	606 41	795 204	205 29	331 188	107 5
Electricity— farms. \$1,000.	387 659	163 19	787 245	398 105	734 1 305	170 456	246 377	61 14
Other—coal, wood, coke, etc.— farms. \$1,000.	53 30	9 2	81 24	23 7	48 25	3 1	18 4	5 1
Hired farm labor— farms. \$1,000.	369 11 446	134 395	340 1 048	183 265	594 6 774	100 1 848	135 4 662	26 79
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$19,999 \$20,000 to \$49,999 \$50,000 or more	182 92 43 52	130 1 3 —	299 33 5 3	177 4 2 —	218 281 78 17	50 28 12 10	122 10 2 1	24 1 — —
Workers by number of days worked: 150 days or more— farms. workers.	239 1 583	89 258	131 232	58 89	457 1 167	62 302	42 406	3 12
Less than 150 days— farms. workers.	297 2 357	55 470	290 1 084	157 614	419 1 482	72 473	116 506	25 55
Contract labor— farms. \$1,000.	23 78	6 (D)	40 92	11 9	59 129	16 131	16 53	1 (D)
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	13 9 — 1	6 — — —	32 7 — 1	11 — — —	42 16 — —	9 5 — 2	5 11 — —	— 1 — —
Customwork, machine hire, and rental of machinery and equipment— farms. \$1,000.	53 82	17 10	226 146	90 49	254 264	13 11	38 523	20 6
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	42 10 1 —	17 — 1 —	223 2 1 —	89 1 — —	225 28 1 —	12 1 — —	34 3 — 1	20 — — —
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services— farms. \$1,000.	29 155	16 86	89 58	40 37	79 116	8 34	15 18	7 11
Value of agricultural products sold directly to individuals for human consumption— farms. \$1,000.	46 228	32 159	250 514	107 265	87 1 354	89 1 244	51 33	14 76

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total farms	Cash grain farms (011)	Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
Estimated market value of all machinery and equipment — farms \$1,000	5 868	36	905	—	47	858	666	727
Farms by value group:	126 455	204	17 019	—	3 104	13 915	12 497	16 883
\$1 to \$4,999	997	—	109	—	5	104	127	158
\$5,000 to \$9,999	1 862	33	359	—	1	358	186	185
\$10,000 to \$19,999	1 190	3	185	—	2	183	162	151
\$20,000 to \$49,999	1 166	—	204	—	30	174	132	155
\$50,000 to \$99,999	452	—	26	—	2	24	37	54
\$100,000 to \$199,999	152	—	14	—	1	13	17	16
\$200,000 to \$499,999	44	—	7	—	6	1	5	7
\$500,000 or more	5	—	1	—	—	1	—	1

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles — farms	3 149	—	503	—	29	474	428	379
Motortrucks, including pickups — farms	4 356	—	713	—	37	676	576	531
Wheel tractors — farms	4 848	33	748	—	47	701	553	586
number	9 838	84	1 501	—	203	1 298	1 068	1 223
2 or 3 — farms	4 733	36	807	—	47	760	590	478
number	10 818	63	1 737	—	170	1 567	1 453	1 086
4 or more — farms	2 051	27	478	—	26	452	274	194
number	4 789	54	1 051	—	67	984	624	449
4 or more — farms	857	—	100	—	20	80	130	90
number	4 204	—	457	—	102	355	643	443
Grain and bean combines, self-propelled only — farms	32	—	16	—	—	16	1	—
number	46	—	16	—	—	16	(D)	—
Cornpickers, corn heads, and picker-shellers — farms	188	3	12	—	—	12	10	3
number	214	3	13	—	—	13	10	6
Corn heads for combines — farms	106	3	10	—	—	10	—	3
number	112	3	10	—	—	10	—	3
Other cornpickers and picker-shellers — farms	97	—	3	—	—	3	10	3
number	102	—	3	—	—	3	10	(D)
Cottonpickers — farms	—	—	—	—	—	—	—	—
number	—	—	—	—	—	—	—	—
Mower conditioners — farms	1 423	3	349	—	4	345	52	64
number	1 554	3	355	—	4	351	64	83
Pickup balers — farms	1 761	—	423	—	4	419	59	49
number	1 880	—	442	—	4	438	59	51
Field forage harvesters, shear bar or flywheel type — farms	996	3	151	—	—	151	18	20
number	1 171	3	161	—	—	161	18	46

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime — farms	4 509	36	610	—	47	563	667	715
\$1,000	11 257	5	1 851	—	554	1 297	1 467	2 061
Commercial fertilizer — farms	3 808	12	576	—	47	529	667	665
acres on which used	153 311	69	19 708	—	1 588	18 120	14 805	19 259
Lime — farms	1 864	6	300	—	20	280	291	150
acres on which used	41 304	18	5 860	—	321	5 539	4 178	1 956
tons	65 084	12	9 464	—	180	9 284	6 109	2 881

Sprays, dusts, granules, fumigants, etc. to control —

Insects on hay and other crops — farms	1 791	27	188	—	29	159	337	467
acres on which used	41 911	75	5 390	—	973	4 417	7 380	12 399
Nematodes in crops — farms	205	3	35	—	12	23	48	22
acres on which used	4 850	3	1 707	—	801	906	545	491
Diseases in crops and orchards — farms	1 108	3	122	—	11	111	219	416
acres on which used	22 791	3	4 163	—	746	3 417	3 541	10 265
Weeds, grass, or brush in crops and pasture — farms	1 753	6	182	—	15	167	290	273
acres on which used	58 648	6	5 520	—	149	5 371	6 047	7 364

Chemicals for —

Defoliation or for growth control of crops, or thinning of fruit — farms	209	3	20	—	—	20	5	102
acres on which used	6 352	3	1 246	—	—	1 246	65	3 844
Insect control on livestock and poultry — farms	1 318	27	134	—	—	134	91	41
Sanitation and rodent and bird control — farms	1 152	24	150	—	7	143	103	126

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

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms \$1,000	625	251	1 218	616	795	205	333
Farms by value group:		13 595	2 953	16 832	8 636	36 997	4 564	3 695
\$1 to \$4,999		143	38	242	125	27	43	80
\$5,000 to \$9,999		148	177	488	244	67	49	118
\$10,000 to \$19,999		151	13	241	113	106	44	119
\$20,000 to \$49,999		129	15	199	115	274	41	13
\$50,000 to \$99,999		33	1	37	18	239	18	1
\$100,000 to \$199,999		10	7	10	—	69	8	1
\$200,000 to \$499,999		9	—	1	1	13	2	—
\$500,000 or more		2	—	—	—	—	—	1
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	farms number	375	73	482	261	596	112	140
	number	514	98	653	339	875	147	172
Motortrucks, including pickups	farms number	481	196	973	488	758	158	264
	number	1 042	297	1 784	857	2 044	300	380
Wheel tractors	farms number	403	216	1 061	573	766	142	164
	number	750	331	2 055	1 218	2 708	272	203
2 or 3	farms number	119	37	411	252	374	64	37
	number	270	74	964	601	993	146	76
4 or more	farms number	38	19	129	92	331	10	—
	number	234	97	570	388	1 654	58	—
Grain and bean combines, self-propelled only	farms number	—	7	2	—	5	—	1
	number	—	21	(D)	—	5	—	(D)
Cornpickers, corn heads, and picker-shellers	farms number	7	5	42	31	102	2	1
	number	7	5	50	36	116	(D)	(D)
Corn heads for combines	farms number	1	—	17	13	69	2	—
	number	(D)	—	18	13	74	(D)	(D)
Other cornpickers and picker-shellers	farms number	6	5	31	22	38	—	1
	number	6	5	32	23	42	—	(D)
Cottongpickers	farms number	—	—	—	—	—	—	—
Mower conditioners	farms number	32	28	284	210	540	38	21
	number	32	28	339	231	578	39	21
Pickup balers	farms number	26	60	476	349	589	27	25
	number	26	60	542	368	620	28	25
Field forage harvesters, shear bar or flywheel type	farms number	9	26	223	135	530	5	—
	number	9	26	240	139	651	5	—
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	farms \$1,000	482	205	740	383	723	104	156
	number	813	208	744	409	3 910	95	64
Commercial fertilizer	farms	327	111	559	315	679	67	80
	acres on which used	3 172	2 820	14 798	8 820	76 048	1 023	1 061
Lime	farms	176	45	297	166	425	34	90
	acres on which used	1 014	397	5 463	3 542	21 328	127	742
	tons	1 642	801	9 222	5 992	33 218	258	961
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms	276	114	148	88	170	18	20
	acres on which used	1 538	707	3 080	1 750	10 698	184	263
Nematodes in crops	farms	41	8	17	4	25	1	5
	acres on which used	208	42	380	100	1 461	(D)	(D)
Diseases in crops and orchards	farms	159	31	74	36	47	15	10
	acres on which used	1 009	376	890	384	2 400	42	30
Weeds, grass, or brush in crops and pasture	farms	99	33	241	121	527	33	29
	acres on which used	1 556	511	4 542	2 095	31 485	307	697
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	farms	22	2	30	24	24	—	1
	acres on which used	125	(D)	273	98	743	—	(D)
Insect control on livestock and poultry	farms	50	97	290	107	456	57	35
Sanitation and rodent and bird control	farms	66	18	261	124	259	54	55
LIVESTOCK								
Cattle and calves inventory	farms number	14	216	998	599	812	49	38
	number	123	1 755	19 834	13 934	73 795	764	269
Farms with—								
1 to 9		10	196	431	199	11	31	28
10 to 49		3	18	480	330	242	15	10
50 to 99		1	1	62	53	305	2	2
100 to 199		—	1	18	11	195	1	—
200 to 499		—	—	7	6	54	—	—
500 or more		—	—	—	—	5	—	—
Cows and heifers that had calved	farms number	9	171	829	493	808	34	30
	number	43	669	8 365	5 744	48 070	518	128
Beef cows	farms number	8	164	690	398	111	28	19
	number	37	593	7 251	4 930	488	413	111
Farms with—								
1 to 9		7	157	466	249	96	18	15
10 to 49		1	5	214	141	14	9	4
50 to 99		—	2	6	4	1	1	—
100 to 199		—	—	3	3	—	—	—
200 to 499		—	—	1	1	—	—	—
500 or more		—	—	—	—	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)				Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop forms (0133, 0134, 0139)		
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	farms number	1 343 49 535	1 (D)	89 (D)	— —	2 (D)	87 170	20 38
Farms with—								
1 to 4		481	1	82	—	2	80	19
5 to 9		41	—	6	—	—	6	1
10 to 49		448	—	1	—	—	1	1
50 to 99		263	—	—	—	—	—	—
100 to 199		87	—	—	—	—	—	1
200 to 499		22	—	—	—	—	—	—
500 or more		1	—	—	—	—	—	—
Heifers and heifer calves	farms number	1 846 32 421	— —	140 1 088	— —	1 (D)	139 (D)	39 155
Steers, steer calves, bulls, and bull calves	farms number	1 530 8 753	1 (D)	166 (D)	— —	— —	166 473	39 130
Cattle and calves sold	farms number	2 047 53 283	— —	134 772	— —	1 (D)	133 (D)	35 224
Calves	farms number	1 490 \$1,000	— —	65 222	— —	1 (D)	64 (D)	15 54
Cattle	farms number	2 486 1 490	— —	316 316	— —	1 (D)	134 (D)	86 134
Cattle	farms number	1 751 23 411	— —	109 456	— —	1 (D)	108 (D)	28 90
Fattened on grain and concentrates	farms number	318 10 011	— —	182 64	— —	— —	28 64	6 12
Hogs and pigs inventory	farms number	902 59 452	2 (D)	73 337	— —	1 (D)	72 (D)	40 414
Farms with—								
1 to 9		607	1	68	—	1	67	35
10 to 49		126	—	5	—	—	5	3
50 to 99		52	1	—	—	—	—	—
100 to 199		39	—	—	—	—	2	1
200 to 499		49	—	—	—	—	—	1
500 or more		29	—	—	—	—	—	1
Used or to be used for breeding	farms number	360 7 416	1 (D)	24 73	— —	— —	24 73	14 64
Other	farms number	854 52 036	2 (D)	66 264	— —	1 (D)	65 (D)	38 350
Hogs and pigs sold	farms number	545 66 497	2 (D)	36 497	— —	— —	36 497	23 928
Feeder pigs sold	farms number	5 611 14 385	— (D)	25 370	— —	— —	25 370	999 783
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms number	402 9 069	1 (D)	26 105	— —	— —	26 105	15 110
Dec. 1 and May 31	farms number	347 4 609	1 (D)	16 54	— —	— —	16 54	12 56
June 1 and Nov. 30	farms number	299 4 460	1 (D)	18 51	— —	— —	18 51	11 54
Sheep and lambs of all ages inventory	farms number	411 6 906	— —	47 406	— —	— —	47 406	14 146
Ewes 1 year old or older	farms number	349 4 710	— —	35 276	— —	— —	35 276	9 93
Sheep and lambs sold	farms number	287 4 066	— —	33 240	— —	— —	33 240	11 106
Sheep and lambs shorn	farms number	308 5 822	— —	40 392	— —	— —	40 392	11 153
	pounds of wool	39 697	—	2 729	—	—	2 729	934
Horses and ponies inventory	farms number	1 382 8 049	26 555	208 713	— —	1 (D)	207 (D)	53 138
Horses and ponies sold	farms number	396 1 213	— —	19 46	— —	— —	19 46	11 13
Goats inventory	farms number	\$1,000 1 639	— —	21 22	— —	— —	21 22	4 7
Goats sold	farms number	222 1 778	— —	59 6	— —	— —	59 6	30 3
Hens and pullets of laying age	farms number	97 1 121	— —	24 1	— —	— —	24 1	17 1
Pullets 3 months old or older not of laying age	farms number	228 195 978	— —	3 20	— —	1 (D)	2 (D)	12 186

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	farms	4	41	282	168	808	9	15
	number	6	76	1 114	814	47 582	105	17
Farms with—								
1 to 4		4	39	239	131	11	6	15
5 to 9		—	1	23	20	7	1	—
10 to 49		—	1	18	16	422	1	4
50 to 99		—	—	2	1	259	1	—
100 to 199		—	—	—	—	86	—	—
200 to 499		—	—	—	—	22	—	—
500 or more		—	—	—	—	1	—	—
Heifers and heifer calves	farms	6	177	654	422	735	21	17
	number	36	743	5 978	4 565	23 806	132	60
Steers, steer calves, bulls, and bull calves	farms	8	99	657	404	458	27	19
	number	44	343	5 491	3 625	1 919	114	81
Cattle and calves sold	farms	6	31	936	619	810	34	23
	number	88	361	16 489	12 895	34 049	288	122
\$1,000—		29	121	5 370	4 142	6 278	77	30
Calves	farms	3	14	590	401	749	19	11
	number	12	129	6 826	5 726	21 969	171	47
\$1,000—		2	17	1 147	1 035	1 185	30	7
Cattle	farms	5	30	802	518	705	23	17
	number	76	232	9 663	7 169	12 080	117	75
\$1,000—		27	104	4 224	3 107	5 093	47	24
Fattened on grain and concentrates	farms	1	10	218	39	28	8	7
	number	(D)	100	2 006	217	469	25	22
\$1,000—		(D)	53	951	85	199	10	8
Hogs and pigs inventory	farms	5	98	498	122	67	26	22
	number	40	803	52 731	1 001	2 501	962	92
Farms with—								
1 to 9		4	95	255	110	54	13	19
10 to 49		1	2	97	8	11	2	3
50 to 99		—	—	39	2	—	—	—
100 to 199		—	—	34	—	1	—	1
200 to 499		—	1	46	2	—	—	1
500 or more		—	—	27	—	—	—	—
Used or to be used for breeding	farms	2	7	263	24	23	11	5
	number	(D)	89	6 397	125	487	106	16
Other	farms	5	98	466	114	61	25	22
	number	(D)	714	46 334	876	2 014	856	76
Hogs and pigs sold	farms	1	15	388	38	34	16	9
	number	(D)	1 056	57 950	976	3 000	1 338	98
\$1,000—		(D)	68	5 088	52	258	49	36
Feeder pigs sold	farms	—	10	143	10	11	12	6
	number	—	483	10 383	502	672	1 188	91
\$1,000—		—	16	355	12	15	34	4
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms	2	14	289	28	24	12	7
	number	(D)	123	7 863	147	417	183	19
Dec. 1 and May 31	farms	2	13	254	21	23	11	4
	number	(D)	61	4 001	67	207	94	7
June 1 and Nov. 30	farms	1	11	214	17	18	12	5
	number	(D)	62	3 862	80	210	89	12
Sheep and lambs of all ages inventory	farms	14	5	260	82	18	17	15
	number	101	17	5 411	572	193	216	125
Ewes 1 year old or older	farms	11	3	237	78	13	13	14
	number	50	10	3 755	388	118	139	73
Sheep and lambs sold	farms	8	1	190	33	10	12	9
	number	43	(D)	3 263	218	92	91	45
Sheep and lambs shorn	farms	10	2	196	39	10	13	11
	number	65	(D)	4 585	297	121	160	88
	pounds of wool	434	(D)	30 905	1 990	846	1 151	637
Horses and ponies inventory	farms	25	166	406	196	125	38	251
	number	83	643	2 182	1 365	367	112	2 499
Horses and ponies sold	farms	2	68	131	24	10	10	264
	number	(D)	—	37	5	18	15	960
Goats inventory	farms	8	6	112	32	12	15	31
	number	15	10	1 388	125	48	67	134
Goats sold	farms	1	1	69	11	3	5	2
	number	(D)	(D)	953	45	6	58	33
\$1,000—		(D)	(D)	42	2	(Z)	3	1
POULTRY								
Chickens 3 months old or older inventory	farms	23	100	289	138	85	167	62
	number	579	7 415	7 170	2 829	12 684	1 451 294	2 247
Farms with—								
1 to 399		23	99	289	138	78	54	62
400 to 3,199		—	1	—	—	7	54	39
3,200 to 9,999		—	—	—	—	—	26	—
10,000 to 19,999		—	—	—	—	—	14	—
20,000 to 49,999		—	—	—	—	—	12	—
50,000 to 99,999		—	—	—	—	—	5	—
100,000 or more		—	—	—	—	—	2	—
Hens and pullets of laying age	farms	23	99	286	137	83	163	61
	number	(D)	6 180	6 699	2 609	12 418	1 259 061	1 226
Pullets 3 months old or older not of laying age	farms	3	80	24	10	7	48	29
	number	(D)	1 235	471	220	266	192 233	1 021
								512

See footnote at end of table.

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

		(Excludes abnormal farms; see text)							
		Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)				
All Farms		Total farms	Cash grain farms (011)	Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
POULTRY—Con.									
Chickens 3 months old or older sold	forms number	269	—	31	—	—	31	11	3
Broilers and other meat-type chickens sold	forms number	1 085 843	—	474	—	—	474	1 947	60
Farms with—									
1 to 1,999		41	—	1	—	—	1	2	1
2,000 to 59,999		6	—	—	—	—	—	—	—
60,000 to 99,999		—	—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—	—
Turkey hens kept for breeding	forms number	19	—	1	—	—	1	3	1
Turkeys sold	forms number	1 661	—	(D)	—	—	(D)	57	(D)
67	—	—	—	2	—	—	2	4	—
137 213	—	—	(D)	—	—	—	(D)	953	—
CROPS HARVESTED									
Corn for all purposes	forms acres	1 136	36	119	—	2	117	40	11
Tobacco	forms acres	43 535	654	2 598	—	(D)	(D)	454	218
Irrigated	forms acres	1 078	—	34	—	31	3	1	—
Irrigated	pounds	1 536 802	—	1 393 858	—	1 354 058	39 800	(D)	—
Farms by acres harvested:									
0.1 to 4.9 acres		18	—	13	—	11	2	—	—
5.0 to 24.9 acres		16	—	11	—	10	1	1	—
25.0 acres or more		10	—	10	—	10	—	—	—
Irish potatoes	forms acres	185	—	75	—	5	70	57	3
Irrigated	hundredweight acres	3 501	—	2 904	—	24	2 880	220	1
Irrigated	—	748 993	—	629 572	—	5 680	623 892	38 820	52
Farms by acres harvested:									
0.1 to 0.9 acres		52	—	3	—	2	1	19	2
1.0 to 4.9 acres		75	—	34	—	—	34	30	1
5.0 to 24.9 acres		33	—	18	—	3	15	7	—
25.0 to 99.9 acres		18	—	14	—	—	14	1	—
100.0 acres or more		7	—	6	—	—	6	—	—
Hay crops (see text)	forms acres	3 063	7	761	—	4	757	142	104
Irrigated	tons, dry	131 234	85	28 507	—	43	28 464	1 854	1 828
Irrigated	—	258 428	140	53 919	—	77	53 842	3 490	2 878
Farms by acres harvested:									
1 to 24 acres		1 334	6	288	—	3	285	117	80
25 to 99 acres		1 413	1	432	—	1	431	24	22
100 to 499 acres		312	—	40	—	—	40	1	2
500 acres or more		4	—	1	—	—	1	—	—
Alfalfa hay	forms acres	1 070	—	264	—	—	264	28	22
Irrigated	tons, dry	26 582	—	5 707	—	—	5 707	338	166
Irrigated	—	66 706	—	13 633	—	—	13 633	947	230
All vegetables harvested for sale (see text)	forms acres	1 086	—	91	—	8	83	651	61
Irrigated	—	15 172	—	644	—	46	598	11 354	439
Farms by acres harvested:									
0.1 to 4.9 acres		327	—	30	—	—	30	201	19
5.0 to 24.9 acres		4 490	—	137	—	—	137	3 465	128
25.0 to 99.9 acres		472	—	46	—	4	42	238	40
100.0 acres or more		448	—	42	—	4	38	289	18
Land in orchards	forms acres	145	—	1	—	—	1	106	3
Irrigated	—	21	—	2	—	—	2	18	—
Farms by acres in orchards:									
0.1 to 4.9 acres		266	—	28	—	1	27	59	86
5.0 to 24.9 acres		149	—	4	—	—	4	12	116
25.0 to 99.9 acres		75	—	—	—	—	—	7	67
100.0 acres or more		18	—	—	—	—	—	—	18
Apples	forms total acres	445	—	32	—	1	31	41	279
	pounds	7 623	—	81	—	(D)	(D)	282	7 009
		91 420 913	—	109 106	—	(D)	(D)	1 718 460	88 988 060

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
POULTRY—Con.								
Chickens 3 months old or older sold	farms number	5 232	5 518	30 1 441	7 359	17 7 241	145 1 067	14 314 6 435
Broilers and other meat-type chickens sold	farms number	1 (D)	—	22 1 262	14 979	— —	17 157 894	2 (D) (D)
Farms with—								
1 to 1,999		1	—	22	14	—	11	2 1
2,000 to 59,999		—	—	—	—	—	6	—
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—
Turkey hens kept for breeding	farms number	1 (D)	—	7 38	2 (D)	1 (D)	4 1 551	— (D)
Turkeys sold	farms number	— (D)	1	26 446	15 297	— —	30 134 294	— — 1 228
CROPS HARVESTED								
Corn for all purposes	farms acres	10 59	33 320	226 4 643	121 2 225	607 34 205	18 152	7 31 29 201
Tobacco	farms acres pounds	— — 50	— 891	— —	— —	4 (D)	— —	— —
Irrigated	farms acres	— —	— —	— —	— —	— —	— —	— —
Farms by acres harvested:								
0.1 to 4.9 acres		— — 3	— —	— —	— —	2 —	— —	— —
5.0 to 24.9 acres		— — 2	— —	— —	— —	2 —	— —	— —
25.0 acres or more		— —	— —	— —	— —	— —	— —	— —
Irish potatoes	farms acres hundredweight	2 (D) 30	20 151 283	12 7 1 153	2 (D) (D)	7 24 5 868	2 (D) (D)	— — 7 4 870
Irrigated	farms acres	— — (D)	— — —	— — —	— — —	— — —	— — —	— — —
Farms by acres harvested:								
0.1 to 0.9 acres		— — 4	— — 10	— — 1	— — 6	— — 2	— —	— — 6
1.0 to 4.9 acres		— — 7	— — 2	— — 1	— — 1	— —	— —	— — 1
5.0 to 24.9 acres		— — 7	— —	— —	— —	— —	— —	— —
25.0 to 99.9 acres		1 — 2	— —	— —	— —	— —	— —	— —
100.0 acres or more		1 —	— —	— —	— —	— —	— —	— —
Hay crops (see text)	farms acres tons, dry	45 614 1 098	251 5 742 6 802	798 24 851 39 504	495 17 362 28 322	748 61 816 141 095	62 1 379 2 328	76 2 135 3 301 2 423 3 873
Irrigated	farms acres	— — (D)	— — (D)	— — (D)	— — (D)	— — (D)	— — (D)	— — —
Farms by acres harvested:								
1 to 24 acres		37 —	164 —	415 —	222 —	87 —	49 —	41 50
25 to 99 acres		7 —	78 —	353 —	253 —	442 —	11 —	31 12
100 to 499 acres		1 — 9	30 —	20 —	216 —	2 —	4 —	7 —
500 acres or more		— —	— —	— —	— —	3 —	— —	— —
Alfalfa hay	farms acres tons, dry	10 100 151	43 724 1 318	253 4 140 8 832	156 2 766 6 219	405 14 267 39 023	12 223 485 707	18 464 1 380 1 453
Irrigated	farms acres	— — —	— — —	— — —	— — —	— — —	— — —	— — —
All vegetables harvested for sale (see text)	farms acres	74 925	43 533	81 383	47 214	49 569	26 267	4 14 6 46
Irrigated	farms acres	42 478	8 98	11 30	4 10	6 77	8 (D)	— 2 (D)
Farms by acres harvested:								
0.1 to 4.9 acres		43 — 23	— — 41	— — 19	— — 23	— — 11	— — 4	— — 3
5.0 to 24.9 acres		18 — 9	— — 39	— — 28	— — 20	— — 10	— —	— — 3
25.0 to 99.9 acres		12 — 11	— — 1	— —	— — 6	— — 5	— —	— —
100.0 acres or more		1 —	— —	— —	— —	— —	— —	— —
Land in orchards	farms acres	28 66	12 87	49 111	21 43	10 66	5 (D)	6 14 (D)
Irrigated	farms acres	11 31	1 — (D)	2 — (D)	1 — (D)	— — (D)	— —	— —
Farms by acres in orchards:								
0.1 to 4.9 acres		26 — 6	— — 43	— — 19	— — 6	— — 5	— — 6	— — 1
5.0 to 24.9 acres		1 — 6	— — 6	— — 2	— — 4	— —	— —	— —
25.0 to 99.9 acres		1 —	— —	— —	— —	— —	— —	— —
100.0 acres or more		— —	— —	— —	— —	— —	— —	— —
Apples	farms total acres pounds	24 25 80 919	9 76 269 300	44 17 215	21 39 6 855	8 52 237 253	4 5 —	4 5 600 —

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

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

	Farms and land in farms							Value of land and buildings ¹ (dollars)					
	All farms			Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more			
	Farms	Acres in farms	Average size of farm (acres)	Percent of land area	Farms	Acres in farms	Average size of farm (acres)	Average per farm	Average per acre	Average per farm	Average per acre		
Massachusetts	5 891	678 714	115	13.6	3 859	535 675	139	168 952	1 443	195 905	1 399		
	1978	4 497	601 734	134	12.0	3 185	496 050	156	128 535	961	150 448	966	
Barnstable	117	4 162	36	1.7	87	3 372	39	136 201	3 272	137 637	3 538		
Berkshire	102	4 495	44	1.8	65	3 618	56	120 235	2 728	149 431	2 685		
Bristol	318	71 215	224	11.8	219	57 915	264	206 552	987	249 796	1 086		
Dukes	305	73 110	240	12.1	197	57 591	292	169 249	706	212 756	728		
Essex	554	45 408	82	12.8	410	38 028	93	171 916	2 010	202 445	1 986		
	1978	511	42 074	82	11.9	382	35 273	92	104 820	1 273	119 272	1 292	
	1974	53	11 782	222	17.7	29	8 038	277	411 351	1 850	440 471	1 589	
Franklin	22	9 116	414	13.7	12	8 032	669	356 727	861	406 667	608		
Franklin	344	30 216	88	9.6	244	24 790	102	228 541	2 555	271 565	2 571		
	1978	311	28 868	93	9.1	218	24 067	110	145 463	1 567	172 945	1 567	
Norfolk	456	80 325	176	17.7	342	69 222	202	151 880	879	175 418	894		
	1974	404	72 909	180	16.1	283	62 024	219	119 250	661	146 905	670	
Plymouth	367	43 433	118	11.0	259	33 937	131	161 856	1 373	182 538	1 462		
Hampshire	311	42 123	135	10.6	242	35 815	148	114 141	843	130 215	880		
Hampshire	493	61 194	124	18.1	347	49 235	142	137 966	1 098	160 580	1 157		
Middlesex	495	64 891	131	19.2	323	51 051	158	97 166	741	119 610	757		
Middlesex	574	41 529	72	7.9	434	32 961	76	256 638	3 131	248 961	2 914		
Nantucket	504	42 974	85	8.1	365	33 466	92	167 381	1 963	187 890	2 049		
Nantucket	9	1 620	180	5.5	6	807	135	535 889	2 977	637 167	4 737		
Norfolk	6	1 044	174	—	4	(D)	239	382 833	2 200	527 500	2 209		
Norfolk	203	14 013	69	5.6	149	11 077	74	176 272	2 186	193 150	2 110		
Plymouth	172	11 965	70	4.7	122	9 111	75	133 808	1 924	137 951	1 847		
Suffolk	589	82 924	141	19.8	457	76 271	167	155 348	1 146	167 977	1 036		
Suffolk	532	77 404	145	18.5	392	70 677	180	122 406	841	146 577	813		
Worcester	5	22	4	0.1	5	22	4	48 000	10 909	48 000	10 909		
Worcester	6	15	3	—	4	(D)	3	131 833	52 733	161 250	58 636		
	1978	864	129 516	150	13.4	600	102 397	171	177 198	1 109	202 777	1 092	
	1974	816	130 746	160	13.5	576	104 359	181	122 713	766	142 467	786	
Farms not on mail list	945	61 355	65	(X)	271	27 603	102	93 650	1 442	93 988	923		

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

Table 2. Land Use: 1978

All Farms Part 1 of 2	Cropland											
	Total		Harvested		Used only for pasture		In cover crops		On which all crops failed			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Massachusetts	5 526	311 030	5 107	213 669	2 510	77 443	338	4 289	130	843		
Barnstable	113	1 537	111	1 163	10	216	8	18	7	(D)		
Berkshire	311	34 524	296	24 294	183	9 381	15	161	6	71		
Bristol	500	24 119	461	15 774	214	6 149	42	589	13	61		
Dukes	53	2 021	50	1 014	19	847	8	80	3	(D)		
Essex	314	16 672	291	12 286	115	2 914	25	184	9	63		
Franklin	449	34 537	432	23 772	262	9 493	43	636	10	34		
Hampden	346	19 746	326	13 526	122	4 035	27	487	12	122		
Hampshire	481	32 581	466	24 431	179	6 596	33	386	12	96		
Middlesex	520	23 131	475	17 260	168	4 282	26	350	12	88		
Nantucket	9	537	9	298	4	229	1	(D)	—	—		
Norfolk	184	5 616	170	3 714	54	1 621	7	(D)	6	35		
Plymouth	554	22 274	537	18 234	97	2 005	24	576	16	135		
Suffolk	3	4	3	4	—	—	—	—	—	—		
Worcester	808	59 387	770	41 635	418	14 590	46	585	18	99		
	881	34 344	710	16 264	665	15 085	33	177	6	6		
All Farms Part 2 of 2	Cropland—Con.				Woodland				Other pastureland and rangeland			
	In cultivated summer follow		Idle		Pastured		Not pastured		Land in house lots, ponds, roads, wasteland, etc.			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Massachusetts	106	1 308	744	13 478	995	37 673	3 142	234 890	708	31 268	4 020	63 853
Barnstable	3	(D)	16	102	5	68	36	(D)	5	(D)	82	1 010
Berkshire	13	50	29	567	96	5 202	206	23 038	70	5 055	201	3 396
Bristol	14	396	57	1 150	75	2 764	265	11 076	64	2 583	372	4 866
Dukes	1	(D)	5	65	6	(D)	29	5 905	9	1 450	31	1 760
Essex	10	152	68	1 073	35	741	158	8 461	45	1 189	221	3 153
Franklin	10	92	46	510	129	6 901	306	32 200	74	3 371	302	3 316
Hampden	7	67	56	1 509	66	2 861	218	16 105	51	1 502	240	3 219
Hampshire	13	269	82	803	92	3 563	254	18 695	64	2 454	304	3 901
Middlesex	13	67	88	1 084	70	1 485	244	11 224	58	1 091	393	4 598
Nantucket	—	—	—	—	1	(D)	1	(D)	3	(D)	5	(D)
Norfolk	3	(D)	12	146	25	1 811	73	4 947	21	346	132	1 293
Plymouth	5	27	65	1 297	45	1 902	292	36 808	40	3 179	424	18 761
Suffolk	—	—	—	—	1	(D)	—	—	1	(D)	2	(D)
Worcester	14	118	95	2 360	218	8 428	536	45 794	156	6 447	552	9 460
	—	—	125	2 812	130	1 279	524	19 150	47	2 386	759	4 196

Table 3. Irrigation: 1978

All Farms	Irrigated land according to use								Land in irrigated farms		
	Total		Harvested cropland		Pastureland		Other land		Acres	Acres of cropland	Acres of harvested cropland
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres			
Massachusetts	1 027	16 941	1 020	16 773	10	100	18	68	95 883	32 784	26 961
Barnstable	74	781	74	774	1	(D)	2	(D)	2 776	1 049	813
Berkshire	12	79	12	79	—	—	—	—	213	153	135
Bristol	113	1 423	112	1 406	1	(D)	3	(D)	7 884	3 818	2 675
Dukes	10	(D)	9	44	—	—	1	(D)	(D)	(D)	(D)
Essex	84	914	84	914	—	—	—	—	5 027	2 850	2 505
Franklin	25	526	25	(D)	—	—	2	(D)	3 092	1 603	1 165
Hampden	42	880	42	(D)	—	—	1	(D)	3 469	1 962	1 596
Hampshire	21	292	21	292	—	—	—	—	1 130	705	575
Middlesex	128	1 279	127	(D)	1	(D)	1	(D)	5 591	3 495	3 159
Nantucket	6	194	6	194	—	—	—	—	831	455	266
Norfolk	49	257	49	(D)	1	(D)	—	—	1 793	921	586
Plymouth	345	9 464	344	9 418	4	(D)	2	(D)	53 537	11 659	10 305
Suffolk	1	(D)	1	(D)	—	—	—	—	(D)	(D)	(D)
Worcester	56	612	53	576	2	(D)	3	(D)	5 162	1 989	1 616
Farms not on mail list	61	188	61	185	—	—	3	3	4 803	1 770	1 240

Table 4. Farms by Tenure of Operator: 1978

All Farms	All farms					Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Percent of tenancy	Total	Full owners	Part owners	Tenants	Percent of tenancy
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Massachusetts	5 891	3 846	1 685	360	6.1	3 859	2 288	1 302	269	7.0
Barnstable	117	88	23	6	5.1	87	65	17	5	5.7
Berkshire	318	179	123	16	5.0	219	104	102	13	5.9
Bristol	554	332	158	64	11.6	410	224	133	53	12.9
Dukes	53	34	14	5	9.4	29	17	11	1	3.4
Essex	344	234	85	25	7.3	244	154	70	20	8.2
Franklin	456	214	218	24	5.3	342	138	182	22	6.4
Hampden	367	240	111	16	4.4	259	149	95	15	5.8
Hampshire	493	286	174	33	6.7	347	172	150	25	7.2
Middlesex	574	388	141	45	7.8	434	279	116	39	9.0
Nantucket	9	5	2	2	22.2	6	2	2	2	33.3
Norfolk	203	146	43	14	6.9	149	100	37	12	8.1
Plymouth	589	482	81	26	4.4	457	372	63	22	4.8
Suffolk	5	4	—	1	20.0	5	4	—	1	20.0
Worcester	864	528	292	44	5.1	600	322	246	32	5.3
Farms not on mail list	945	686	220	39	4.1	271	186	78	7	2.6

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

All Farms	Individual or family	Partnership	Corporation				Other--cooperative, estate or trust, institutional, etc.			
			Family held		Other than family held					
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Massachusetts	5 017	489 437	447	73 987	325	(D)	40	(D)	62	28 858
Barnstable	104	3 352	3	34	7	196	—	—	3	580
Berkshire	267	54 637	34	11 983	16	(D)	—	—	1	(D)
Bristol	479	33 723	45	4 054	19	5 789	3	92	8	1 750
Dukes	44	3 726	4	429	1	(D)	—	—	4	(D)
Essex	283	22 613	26	2 318	27	3 558	1	(D)	7	(D)
Franklin	388	60 619	48	13 996	14	4 503	4	(D)	2	(D)
Hampden	319	36 983	28	3 670	16	1 934	4	846	—	—
Hampshire	416	44 910	49	7 740	21	6 826	2	(D)	5	(D)
Middlesex	445	31 439	45	2 104	69	5 004	7	699	8	2 283
Nantucket	8	(D)	—	—	—	—	1	(D)	—	—
Norfolk	161	11 058	10	909	26	565	2	(D)	4	(D)
Plymouth	452	30 786	62	7 436	51	22 121	12	17 715	12	4 866
Suffolk	3	(D)	—	—	1	(D)	1	(D)	—	—
Worcester	718	94 066	85	17 970	50	10 935	3	172	8	6 373
Farms not on mail list	930	59 976	8	1 344	7	35	—	—	—	—

Table 6. Characteristics of Operators: 1978

All Farms

	Operators			Operators by place of residence		Operators reporting days of work off farm				Operators by principal occupation	
	Male	Female	Average age	On farm operated	Not on farm operated	Any days	1 to 99 days	100 to 199 days	200 days or more	Farming	Other
Massachusetts	5 438	453	51.9	4 780	743	3 275	440	538	2 297	3 062	2 829
Barnstable	102	15	54.0	73	28	58	15	11	32	74	43
Berkshire	298	20	52.7	256	34	141	33	22	86	208	110
Bristol	522	32	51.7	426	79	288	32	58	198	317	237
Dukes	49	4	55.5	42	8	36	8	7	21	23	30
Essex	314	30	51.5	279	46	179	31	42	106	198	146
Franklin	421	35	52.0	389	38	222	37	53	132	281	175
Hampden	334	33	53.9	297	45	190	29	45	116	205	162
Hampshire	457	36	53.9	406	58	245	43	41	161	297	196
Middlesex	525	49	51.7	448	80	278	44	60	174	329	245
Nantucket	9	—	50.7	7	2	6	3	1	2	4	5
Norfolk	188	15	53.9	151	35	96	18	7	71	106	97
Plymouth	534	55	53.0	343	193	318	55	60	203	328	261
Suffolk	3	2	51.0	2	3	1	—	—	1	2	3
Worcester	807	57	51.8	741	69	462	61	81	320	480	384
Forms not on mail list	875	70	48.7	920	25	755	31	50	674	210	735

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

All Farms

Farms	Farms with sales of \$20,000 or more				Farms with sales of less than \$20,000				Abnormal farms (see text)	
	Total	Occupation		Total	Occupation		Total	Occupation		
		Farming	Other than farming		Farming	Other than farming				
Massachusetts	5 891	1 740	1 545	195	4 131	1 501	2 630	20		
Barnstable	117	28	27	1	88	46	42	1		
Berkshire	318	128	124	4	189	83	106	1		
Bristol	554	194	167	27	359	150	209	1		
Dukes	53	4	3	1	48	20	28	1		
Essex	344	104	98	6	239	99	140	1		
Franklin	456	177	165	12	279	116	163	—		
Hampton	367	119	107	12	248	98	150	—		
Hampshire	493	164	157	7	326	137	189	3		
Middlesex	574	205	180	25	365	145	220	4		
Nantucket	9	3	3	—	6	1	5	—		
Norfolk	203	66	52	14	136	53	83	1		
Plymouth	589	200	163	37	386	163	223	3		
Suffolk	5	3	—	3	2	2	—	—		
Worcester	864	323	284	39	537	193	344	4		
Forms not on mail list	945	22	15	7	923	195	728	—		

Table 8. Farms by Standard Industrial Classification: 1978

All Farms
Part 1 of 2

Farms	Cash grain (011)	Field crop except cash grain (013)				Vegetable and melon (016)	Fruit and tree nut (017)	
		Total (013)	Cotton (0131)	Tobacco (0132)	(0133, 0134, 0139)			
Massachusetts	5 891	39	843	—	31	812	651	740
Barnstable	117	—	4	—	—	4	10	63
Berkshire	318	1	54	—	—	54	18	11
Bristol	554	1	63	—	—	63	110	44
Dukes	53	—	10	—	—	10	8	1
Essex	344	—	60	—	—	60	61	22
Franklin	456	2	86	—	9	77	38	30
Hampton	367	1	54	—	8	46	48	47
Hampshire	493	7	95	—	14	81	100	32
Middlesex	574	—	78	—	—	78	75	50
Nantucket	9	—	1	—	—	1	2	3
Norfolk	203	—	26	—	—	26	18	10
Plymouth	589	—	35	—	—	35	53	307
Suffolk	5	—	—	—	—	—	—	—
Worcester	864	—	136	—	—	136	47	86
Forms not on mail list	945	27	141	—	—	141	63	34

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

**All Farms
Part 2 of 2**

	Livestock except dairy, poultry, and animal specialty (021)		Total	Beef cattle, except feedlots (0212)	Dairy (024)	Poultry and egg (025)	Animal specialty (027)	General, primarily livestock (029)
	Horticultural specialty (018)	General, primarily crop (019)						
Massachusetts	645	270	1 230	619	822	207	340	104
Barnstable	25	3	5	2	—	2	4	1
Berkshire	25	13	77	55	100	9	8	2
Bristol	56	15	123	50	88	27	22	5
Dukes	10	2	14	7	3	1	2	2
Essex	56	7	55	24	27	16	33	7
Franklin	20	15	105	72	133	6	18	3
Hampden	54	6	68	35	61	11	15	2
Hampshire	27	20	74	41	102	16	11	9
Middlesex	131	19	109	43	42	33	32	5
Nantucket	2	—	—	—	—	—	1	—
Norfolk	70	5	27	10	21	11	11	4
Plymouth	51	11	49	16	29	18	27	9
Suffolk	3	—	—	—	—	—	2	—
Worcester	62	15	225	112	209	35	38	11
Farms not on mail list	53	139	299	152	7	22	116	44

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

[Excludes abnormal farms; see text]

	Farms	Farms with sales of \$2,500 or more							Farms with sales less than \$2,500			
		Total	\$100,000 or more	\$40,000 to \$99,999	\$20,000 to \$39,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Total	\$2,000 to \$2,499	\$1,500 to \$1,999	\$1,000 to \$1,499 (see text)
Massachusetts	5 871	3 859	487	688	565	556	714	849	2 012	259	337	1 416
Barnstable	116	87	2	12	14	11	28	20	29	7	7	15
Berkshire	317	219	44	55	29	20	35	36	98	19	10	69
Bristol	553	410	43	83	68	66	76	74	143	25	28	90
Dukes	52	29	—	1	3	6	12	7	23	6	6	11
Essex	343	244	34	37	33	42	52	46	99	15	21	63
Franklin	456	342	50	72	55	44	44	77	114	18	22	74
Hampden	367	259	40	45	34	47	39	54	108	17	20	71
Hampshire	490	347	46	70	48	45	69	69	143	25	28	90
Middlesex	570	434	62	85	58	74	57	98	136	25	31	80
Nantucket	9	6	1	1	1	2	1	—	3	1	—	2
Norfolk	202	149	14	24	28	20	22	41	53	8	13	32
Plymouth	586	457	57	74	69	56	104	97	129	23	27	79
Suffolk	5	5	2	1	—	—	2	—	—	—	—	—
Worcester	860	600	92	128	103	71	95	111	260	49	39	172
Farms not on mail list	945	271	—	—	22	52	78	119	674	21	85	568

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

	Products sold		Crops, including nursery and greenhouse products		Livestock and livestock products		Poultry and poultry products	
	Total (\$1,000)	Average per farm (dollars)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Forms	Value (\$1,000)
Massachusetts	214 675	36 441	3 427	100 829	2 928	95 164	574	18 682
Barnstable	2 048	17 502	104	1 973	26	58	11	16
Berkshire	13 289	41 788	148	1 850	219	10 305	25	1 134
Bristol	19 657	35 482	322	8 307	277	9 695	61	1 655
Dukes	363	6 848	41	235	27	122	11	6
Essex	11 789	34 271	229	6 528	156	3 845	36	1 416
Franklin	19 443	42 637	244	6 699	303	12 182	36	562
Hampden	14 179	38 635	224	8 893	178	4 546	23	740
Hampshire	21 741	44 100	327	9 750	236	9 105	36	2 886
Middlesex	41 016	71 457	382	20 437	232	17 611	69	2 968
Nantucket	249	27 704	8	(D)	4	(D)	—	—
Norfolk	5 829	28 714	136	4 253	75	1 253	20	324
Plymouth	25 581	43 431	468	19 310	157	5 594	45	676
Suffolk	360	72 003	3	(D)	2	(D)	—	—
Worcester	36 450	42 188	441	11 248	561	19 081	85	6 121
Farms not on mail list	2 681	2 838	350	750	475	1 753	116	178

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

	Products sold		Crops including nursery and greenhouse products		Livestock and livestock products		Poultry and poultry products	
	Total (\$1,000)	Average per farm (dollars)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Massachusetts	211 420	54 786	2 522	99 469	1 946	93 443	323	18 508
Barnstable	1 984	22 806	83	1 940	16	43	5	2
Berkshire	13 167	60 124	105	1 798	164	10 238	14	1 131
Bristol	19 437	47 407	258	8 210	198	9 584	45	1 643
Dukes	327	11 288	25	212	15	111	7	4
Essex	11 593	47 511	178	6 426	106	3 776	24	1 387
Franklin	19 319	56 488	199	6 648	236	12 111	26	561
Hampden	14 061	54 290	175	8 840	115	4 483	18	738
Hampshire	21 303	61 393	232	9 562	186	8 870	27	2 872
Middlesex	40 521	93 367	319	20 268	163	17 336	43	2 917
Nantucket	246	41 013	6	(D)	2	(D)	--	--
Norfolk	5 700	38 254	108	4 215	51	1 163	16	322
Plymouth	25 308	55 378	389	19 150	110	5 490	27	668
Suffolk	360	72 003	3	(D)	2	(D)	--	--
Worcester	35 902	59 837	319	11 061	396	18 730	55	6 111
Farms not on mail list	2 192	8 087	123	547	186	1 492	16	152

Table 12. Selected Farm Production Expenses: 1978

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

All Farms Part 1 of 2	Livestock and poultry purchased		Feed for livestock and poultry				Animal health costs		Seeds, bulbs, plants, and trees			
			Total	Commercially mixed formula feed								
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Tons	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	
Massachusetts	2 042	11 382	3 319	40 503	2 187	220 646	33 467	2 492	1 518	3 051	7 838	
Barnstable	20	13	33	24	13	52	8	19	4	46	49	
Berkshire	109	475	247	4 042	206	24 710	3 604	134	142	152	207	
Bristol	211	1 704	275	4 009	168	19 609	2 951	211	96	318	1 322	
Dukes	25	20	29	81	15	258	45	18	6	37	12	
Essex	110	1 028	162	1 541	44	6 773	1 105	91	52	212	664	
Franklin	192	957	312	3 909	200	23 187	3 456	284	224	289	359	
Hampden	85	184	199	1 921	127	12 059	1 617	125	72	217	365	
Hampshire	148	813	235	4 467	173	27 958	3 999	211	158	328	620	
Middlesex	172	2 593	258	6 076	136	26 668	5 051	210	259	306	1 870	
Nantucket	2	(D)	4	(D)	1	(D)	(D)	1	(D)	5	24	
Norfolk	59	146	85	606	46	2 871	411	66	16	121	719	
Plymouth	148	808	197	2 224	142	11 519	1 740	134	72	199	441	
Suffolk	2	(D)	1	(D)	1	(D)	(D)	2	(D)	3	125	
Worcester	359	2 204	592	10 584	398	62 409	9 073	474	294	493	961	
Farms not on mail list	400	433	690	1 012	517	2 551	405	512	124	325	100	
All Farms Part 2 of 2	Commercial fertilizer		Other agricultural chemicals, including lime		Hired farm labor		Contract labor		Customwork, and rental of machinery and equipment		Energy and petroleum products	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Expenses (\$1,000)	
	4 008	7 360	3 791	4 035	2 768	40 716	469	1 658	1 177	1 705	5 852	16 044
Massachusetts	83	47	82	49	45	337	31	79	20	16	115	175
Barnstable	223	539	150	135	146	1 414	12	42	51	42	320	762
Bristol	442	663	398	281	306	2 783	39	64	84	81	549	1 440
Dukes	42	30	39	18	23	93	5	10	15	7	52	46
Essex	229	508	194	243	155	2 545	33	34	72	55	344	974
Franklin	353	942	303	410	250	3 419	38	91	148	164	457	1 018
Hampden	259	694	255	344	197	3 334	40	108	79	85	367	1 157
Hampshire	400	1 221	351	488	262	3 772	37	51	114	86	488	1 780
Middlesex	408	620	370	385	320	11 518	55	314	99	594	564	3 547
Nantucket	6	(D)	8	10	6	65	1	(D)	4	(D)	9	17
Norfolk	112	103	106	43	100	1 197	12	19	16	12	200	760
Plymouth	440	505	469	772	299	4 032	99	468	185	354	583	1 431
Suffolk	2	(D)	3	4	3	33	1	(D)	1	(D)	4	40
Worcester	586	1 256	532	701	461	5 839	57	359	216	193	855	2 537
Farms not on mail list	423	212	531	153	195	335	9	6	73	14	945	359

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

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

All Farms Part 1 of 3	Total		Gasoline				Diesel fuel					
	Farms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity	
						Forms	Size (1,000 gallons)				Farms	Size (1,000 gallons)
Massachusetts-----	5 852	16 044	5 536	4 824	8 044	1 899	1 098	1 738	1 117	2 237	1 004	432
Barnstable-----	115	175	108	91	145	21	13	6	(D)	(D)	1	(D)
Berkshire-----	320	762	296	253	412	128	66	117	82	160	86	27
Bristol-----	549	1 440	530	497	850	171	92	159	147	295	96	71
Dukes-----	52	46	50	19	31	15	9	19	4	7	10	3
Essex-----	344	974	332	298	497	96	75	93	54	110	38	16
Franklin-----	457	1 018	448	414	681	196	96	213	128	257	139	62
Hampden-----	367	1 157	347	376	617	137	87	101	68	142	64	28
Hampshire-----	488	1 780	486	583	979	236	136	188	158	320	124	72
Middlesex-----	564	3 547	537	608	1 026	205	132	144	107	215	59	26
Nantucket-----	9	17	9	5	8	6	2	4	3	5	4	(D)
Norfolk-----	200	760	182	132	228	34	24	31	12	23	12	4
Plymouth-----	583	1 431	560	551	932	135	111	113	81	157	56	19
Suffolk-----	4	40	3	4	7	—	—	1	(D)	(D)	—	—
Worcester-----	855	2 537	818	810	1 325	373	200	361	228	456	228	78
Farms not on mail list-----	945	359	830	183	304	146	56	188	44	88	87	26
LP gas, butane, and propane												Fuel oil
All Farms Part 2 of 3			Storage capacity				Storage capacity					
	Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Forms	Size (1,000 gallons)	Forms	Expenses (\$1,000)	Purchased (1,000 gallons)	Forms	Expenses (\$1,000)	Size (1,000 gallons)	
Massachusetts-----	492	519	1 002	206	223	1 104	4 461	9 682	571	2 271		
Barnstable-----	14	4	7	1	(D)	14	(D)	63	8	13		
Berkshire-----	10	10	19	9	4	43	107	218	37	109		
Bristol-----	40	12	23	17	11	133	362	775	63	93		
Dukes-----	1	(D)	(D)	—	—	10	6	12	3	(D)		
Essex-----	45	31	62	6	8	75	359	757	38	158		
Franklin-----	40	(D)	202	21	50	64	42	85	23	25		
Hampden-----	30	123	242	24	66	87	276	689	56	165		
Hampshire-----	29	61	114	20	24	103	515	972	49	108		
Middlesex-----	82	63	125	33	17	148	1 504	3 545	109	1 083		
Nantucket-----	—	—	—	—	—	4	4	(D)	1	(D)		
Norfolk-----	16	3	(D)	7	1	71	481	869	40	215		
Plymouth-----	80	55	110	23	26	116	279	586	55	131		
Suffolk-----	1	(D)	(D)	1	(D)	2	(D)	(D)	—	—		
Worcester-----	75	42	80	38	14	182	458	1 035	82	168		
Farms not on mail list-----	29	5	9	6	(D)	52	6	12	7	(Z)		
Natural gas			Kerosene, motor oil, and grease				Electricity		Other—coal, wood, coke, etc.			
All Farms Part 3 of 3												
	Farms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Forms	Expenses (\$1,000)	Expenses (\$1,000)	
Massachusetts-----	150	171	5 844	928	3 854	3 893	378	132				
Barnstable-----	6	4	113	17	55	24	4	(Z)				
Berkshire-----	—	—	320	64	181	238	22	8				
Bristol-----	8	12	549	72	368	322	38	16				
Dukes-----	—	—	52	4	28	12	2	(D)				
Essex-----	14	8	344	50	213	173	16	2				
Franklin-----	2	(D)	457	58	298	255	39	(D)				
Hampden-----	11	20	363	57	292	230	33	8				
Hampshire-----	3	1	488	78	366	373	51	12				
Middlesex-----	25	83	564	242	391	916	51	23				
Nantucket-----	—	—	9	2	7	3	—	—				
Norfolk-----	5	2	200	22	126	102	17	7				
Plymouth-----	9	7	582	101	384	350	21	6				
Suffolk-----	2	(D)	4	(Z)	4	5	—	—				
Worcester-----	9	26	854	119	643	830	54	25				
Farms not on mail list-----	56	6	945	43	498	61	30	11				

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

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

All Farms

	Farms	Expenses (\$1,000)	Reporting only workers working less than 150 days			Reporting only workers working 150 days or more			Reporting both—workers working less than 150 days or 150 days or more			
			Farms	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	less than 150 days	150 days or more	Expenses (\$1,000)
Massachusetts	2 768	40 716	1 317	5 983	2 078	523	1 532	6 292	928	11 495	4 544	32 346
Barnstable	45	337	20	(D)	(D)	2	(D)	(D)	23	121	53	314
Berkshire	146	1 414	41	133	59	43	106	418	62	318	175	937
Bristol	306	2 783	177	975	248	39	114	566	90	836	344	1 969
Dukes	23	93	12	68	8	4	5	17	7	48	12	68
Essex	155	2 545	73	402	282	18	113	513	64	379	240	1 750
Franklin	250	3 419	116	678	233	54	145	678	80	1 964	538	2 508
Hampden	197	3 334	103	507	87	23	44	234	71	1 889	460	3 013
Hampshire	262	3 772	127	802	207	42	102	478	93	1 380	514	3 087
Middlesex	320	11 518	136	722	275	66	213	891	118	1 348	1 047	10 351
Nantucket	6	65	2	(D)	(D)	1	(D)	(D)	3	28	8	52
Norfolk	100	1 197	44	122	34	19	118	585	37	176	110	578
Plymouth	299	4 032	161	644	315	34	85	494	104	1 173	370	3 223
Suffolk	3	33	—	—	—	3	6	33	—	—	—	—
Worcester	461	5 839	202	613	219	89	223	1 141	170	1 817	649	4 479
Farms not on mail list	195	335	103	234	92	86	251	227	6	18	24	16

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

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

All Farms

	Farms	Estimated value (\$1,000)	Farms by estimated value of machinery and equipment									
			\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$69,999	\$70,000 to \$99,999	\$100,000 to \$199,999	\$200,000 or more	
Massachusetts	5 888	127 697	997	1 864	1 193	605	565	323	137	155	49	
Barnstable	117	2 146	19	38	31	10	10	5	—	4	—	
Berkshire	320	8 529	15	104	40	73	41	24	8	13	2	
Bristol	554	12 083	84	143	150	71	44	19	23	20	—	
Dukes	52	885	9	19	13	4	—	4	3	—	—	
Essex	345	10 264	62	62	68	49	52	21	5	15	11	
Franklin	457	13 487	59	98	89	71	66	38	5	22	9	
Hampden	367	8 647	34	104	136	18	21	22	13	17	2	
Hampshire	493	13 338	99	140	88	35	58	31	13	20	9	
Middlesex	573	13 336	96	163	103	77	58	53	8	10	5	
Nantucket	9	271	—	5	—	2	1	—	—	1	—	
Norfolk	203	3 720	28	49	53	31	24	11	7	—	—	
Plymouth	588	13 258	141	177	115	58	43	22	8	16	8	
Suffolk	5	55	1	1	2	1	—	—	—	—	—	
Worcester	860	21 120	102	242	158	98	123	73	44	17	3	
Farms not on mail list	945	6 560	248	519	147	7	24	—	—	—	—	

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

All Farms
Part 1 of 10

Cattle and calves	Inventory								Heifers and heifer calves	Steers, steer calves, bulls, and bull calves		
	Cows and heifers that had calved				Calves							
	Total	Beef cows	Milk cows	Calves	Calves	Calves	Calves	Calves				
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Massachusetts	2 599	102 226	2 249	60 435	1 305	10 264	1 356	50 171	1 861	32 897	1 544	
Barnstable	11	(D)	9	(D)	8	(D)	4	30	7	(D)	8	
Berkshire	215	13 592	194	8 098	93	802	136	7 296	181	4 871	140	
Bristol	233	9 977	194	6 662	106	1 095	123	5 567	158	1 918	161	
Dukes	23	463	20	208	13	176	7	32	15	110	16	
Essex	107	4 151	81	2 465	44	411	51	2 054	82	1 365	68	
Franklin	286	16 055	249	8 587	112	719	177	7 868	242	6 476	172	
Hampden	152	6 163	133	3 696	61	499	82	3 197	125	1 851	101	
Hampshire	222	11 558	194	6 468	80	535	147	5 933	173	4 352	133	
Middlesex	162	5 719	146	3 135	99	919	73	2 216	109	1 842	114	
Nantucket	1	(D)	1	(D)	1	(D)	—	—	1	(D)	(D)	
Norfolk	53	1 572	45	947	22	193	27	754	40	414	29	
Plymouth	105	4 783	85	3 073	46	180	45	2 893	64	1 399	65	
Suffolk	—	—	—	—	—	—	—	—	—	—	—	
Worcester	503	22 776	439	13 716	219	1 828	284	11 888	382	7 414	324	
Farms not on mail list	526	5 275	459	3 299	401	2 856	200	443	282	854	212	

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

All Farms Part 2 of 10	Sales											
	Cattle and calves			Calves			Cattle					
	Forms	Number	Sales (\$1,000)	Forms	Number	Sales (\$1,000)	Total		Fattened on grain and concentrates			
							Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)
Massachusetts	2 061	53 860	12 630	1 501	30 206	2 507	1 762	23 654	10 123	321	2 787	1 290
Barnstable	9	(D)	(D)	8	29	2	3	(D)	(D)	—	—	—
Berkshire	196	5 864	1 116	154	3 693	225	166	2 171	891	19	98	39
Bristol	201	6 489	1 806	134	2 948	230	159	3 541	1 576	44	1 168	591
Dukes	20	145	47	12	43	3	16	102	44	4	21	10
Essex	88	2 729	747	52	1 269	89	75	1 460	658	23	167	77
Franklin	260	8 000	2 075	195	4 377	313	243	3 623	1 761	29	221	98
Hampden	128	2 895	574	98	2 075	244	110	820	329	24	88	36
Hampshire	198	5 409	1 220	154	3 115	189	181	2 294	1 031	22	165	87
Middlesex	142	2 971	732	97	1 636	123	122	1 335	609	32	112	45
Nantucket	1	(D)	(D)	—	—	—	1	(D)	(D)	—	—	—
Norfolk	40	773	179	28	333	18	35	440	161	5	92	42
Plymouth	75	3 012	788	51	1 377	74	70	1 635	714	18	65	30
Suffolk	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	445	13 454	2 891	319	8 425	868	383	5 029	2 023	72	432	171
Farms not on mail list	258	2 078	449	199	886	130	198	1 192	319	29	158	65
Cattle and calves—inventory per farm												
All Farms Part 3 of 10	Total			Forms with—						500 or more		
	Forms	Number		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Forms	Number
				470	570	378	513	380	220	63	5	3 255
Massachusetts	2 599	102 226										
Barnstable	11	(D)	5	2	3	1	—	—	—	—	—	—
Berkshire	215	13 592	21	19	37	50	34	43	11	—	—	—
Bristol	233	9 977	37	42	32	54	41	20	7	—	—	—
Dukes	23	463	6	4	3	8	2	—	—	—	—	—
Essex	107	4 151	25	19	21	17	12	10	3	—	—	—
Franklin	286	16 055	28	32	40	76	71	25	11	3	(D)	—
Hampden	152	6 163	26	22	22	40	22	18	2	—	—	—
Hampshire	222	11 558	25	34	31	51	49	23	9	—	—	—
Middlesex	162	5 719	34	24	33	40	15	12	4	—	—	—
Nantucket	1	(D)	—	1	—	—	—	—	—	—	—	—
Norfolk	53	1 572	12	9	5	14	10	3	—	—	—	—
Plymouth	105	4 783	33	22	13	13	11	9	2	2	(D)	—
Suffolk	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	503	22 776	67	71	102	103	89	57	14	—	—	—
Farms not on mail list	526	5 275	151	270	35	46	24	—	—	—	—	—
Cows and heifers that had calved—inventory per farm												
All Farms Part 4 of 10	Total			Forms with—						500 or more		
	Forms	Number		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Forms	Number
				795	328	231	501	277	93	23	1	(D)
Massachusetts	2 249	60 435										
Barnstable	9	(D)	5	—	3	1	—	—	—	—	—	—
Berkshire	194	8 098	38	26	28	35	46	17	4	—	—	—
Bristol	194	6 662	50	25	21	44	41	10	3	—	—	—
Dukes	20	208	9	3	4	4	—	—	—	—	—	—
Essex	81	2 465	33	8	8	18	8	4	2	—	—	—
Franklin	249	8 587	62	24	28	79	43	9	4	—	—	—
Hampden	133	3 696	40	17	18	36	12	9	1	—	—	—
Hampshire	194	6 468	53	20	22	53	35	8	3	—	—	—
Middlesex	146	3 135	57	27	17	28	12	4	1	—	—	—
Nantucket	1	(D)	—	1	—	—	—	—	—	—	—	—
Norfolk	45	947	14	5	9	10	6	1	—	—	—	—
Plymouth	85	3 073	41	10	4	14	9	4	2	1	(D)	—
Suffolk	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	439	13 716	110	63	55	116	65	27	3	—	—	—
Farms not on mail list	459	3 299	283	99	14	63	—	—	—	—	—	—

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

All Farms
Part 5 of 10

Massachusetts-----
 Barnstable 8 (D)
 Berkshire 93 802
 Bristol 106 1 095
 Dukes 13 176
 Essex 44 411
 Franklin 112 719
 Hampden 61 499
 Hampshire 80 535
 Middlesex 99 919
 Nantucket 1 (D)
 Norfolk 22 193
 Plymouth 46 180
 Suffolk -----
 Worcester 219 1 828
 Farms not on mail list 401 2 856

Beef cows—inventory per farm											
Total		Farms with—							500 or more		
Farms	Number	1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	
1 305	10 264	747	262	157	125	10	3	1	—	—	
Barnstable 8 (D)	4	3	1	—	—	—	—	—	—	—	
Berkshire 93 802	45	21	21	4	2	—	—	—	—	—	
Bristol 106 1 095	51	22	18	12	2	1	—	—	—	—	
Dukes 13 176	4	1	4	4	—	—	—	—	—	—	
Essex 44 411	26	6	6	4	2	—	—	—	—	—	
Franklin 112 719	69	20	15	8	—	—	—	—	—	—	
Hampden 61 499	30	15	10	6	—	—	—	—	—	—	
Hampshire 80 535	44	15	15	5	1	—	—	—	—	—	
Middlesex 99 919	54	23	13	6	2	1	—	—	—	—	
Nantucket 1 (D)	—	1	—	—	—	—	—	—	—	—	
Norfolk 22 193	12	2	7	—	1	—	—	—	—	—	
Plymouth 46 180	33	10	2	1	—	—	—	—	—	—	
Suffolk -----	—	—	—	—	—	—	—	—	—	—	
Worcester 219 1 828	111	56	31	19	—	1	1	—	—	—	
Farms not on mail list 401 2 856	264	67	14	56	—	—	—	—	—	—	

All Farms
Part 6 of 10

Massachusetts-----
 Barnstable 4 30
 Berkshire 136 7 296
 Bristol 123 5 567
 Dukes 7 32
 Essex 51 2 054
 Franklin 177 7 868
 Hampden 82 3 197
 Hampshire 147 5 933
 Middlesex 73 2 216
 Nantucket -----
 Norfolk 27 754
 Plymouth 45 2 893
 Suffolk -----
 Worcester 284 11 888
 Farms not on mail list 200 443

Milk cows—inventory per farm											
Total		Farms with—							500 or more		
Farms	Number	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	Farms	Sales (\$1,000)
1 356	50 171	523	80	375	267	88	22	1	(D)	933	61 784
Barnstable 4 30	3	—	1	—	—	—	—	—	—	2	(D)
Berkshire 136 7 296	33	5	33	44	17	4	—	—	—	110	9 041
Bristol 123 5 567	36	4	32	40	8	3	—	—	—	93	6 825
Dukes 7 32	7	—	—	—	—	—	—	—	—	5	(D)
Essex 51 2 054	22	3	14	6	4	2	—	—	—	34	2 616
Franklin 177 7 868	37	14	71	42	9	4	—	—	—	141	9 850
Hampden 82 3 197	22	9	29	12	1	—	—	—	—	64	3 577
Hampshire 147 5 933	42	13	46	35	8	3	—	—	—	114	7 369
Middlesex 73 2 216	33	4	23	9	3	1	—	—	—	51	2 934
Nantucket -----	—	—	—	—	—	—	—	—	—	—	—
Norfolk 27 754	8	5	8	5	1	—	—	—	—	21	912
Plymouth 45 2 893	14	2	13	9	4	2	1	(D)	—	37	3 892
Suffolk -----	—	—	—	—	—	—	—	—	—	—	—
Worcester 284 11 888	73	21	98	65	25	2	—	—	—	230	14 495
Farms not on mail list 200 443	193	—	7	—	—	—	—	—	—	31	235

All Farms
Part 7 of 10

Massachusetts-----
 Barnstable 9 (D)
 Berkshire 196 5 864
 Bristol 201 6 489
 Dukes 20 145
 Essex 88 2 729
 Franklin 260 8 000
 Hampden 128 2 895
 Hampshire 198 5 409
 Middlesex 142 2 971
 Nantucket 1 (D)
 Norfolk 40 773
 Plymouth 75 3 012
 Suffolk -----
 Worcester 445 13 454
 Farms not on mail list 258 2 078

Cattle and calves—sales per farm											
Total		Farms with—							500 or more		
Farms	Number	Sales (\$1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	
2 061	53 860	12 630	929	389	467	195	55	21	5	4 431	
Barnstable 9 (D)	9	(D)	9	—	—	—	—	—	—	—	
Berkshire 196 5 864	1 116	65	40	50	32	8	1	—	—	—	
Bristol 201 6 489	1 806	84	39	47	20	6	3	2	(D)	—	
Dukes 20 145	47	11	8	1	—	—	—	—	—	—	
Essex 88 2 729	747	42	16	15	8	4	3	—	—	—	
Franklin 260 8 000	2 075	92	47	86	22	7	6	—	—	—	
Hampden 128 2 895	574	61	25	27	9	5	1	—	—	—	
Hampshire 198 5 409	1 220	67	39	64	20	6	2	—	—	—	
Middlesex 142 2 971	732	76	21	28	10	6	1	—	—	—	
Nantucket 1 (D)	1	—	—	—	—	—	—	—	—	—	
Norfolk 40 773	179	17	9	10	4	—	—	—	—	—	
Plymouth 75 3 012	788	36	16	8	11	2	1	1	(D)	—	
Suffolk -----	—	—	—	—	—	—	—	—	—	—	
Worcester 445 13 454	2 891	188	75	107	59	11	3	2	(D)	—	
Farms not on mail list 258 2 078	449	180	54	24	—	—	—	—	—	—	

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

All Farms Part 8 of 10		Calves—sales per farm									
		Total		Farms with—						500 or more	
		Farms	Number	Sales (\$1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	
Massachusetts		1 501	30 206	2 507	698	327	349	93	23	9	2 (D)
Barnstable	8	29	2	8	—	—	—	—	—	—	—
Berkshire	154	3 693	225	50	38	47	16	3	—	—	—
Bristol	134	2 948	230	56	25	42	8	1	2	—	—
Dukes	12	43	3	12	—	—	—	—	—	—	—
Essex	52	1 269	89	19	20	5	5	2	1	—	—
Franklin	195	4 377	313	70	46	61	12	5	1	—	—
Hampden	98	2 075	244	47	18	23	5	5	—	—	—
Hampshire	154	3 115	189	57	36	50	9	2	—	—	—
Middlesex	97	1 636	123	52	21	17	5	1	1	—	—
Nantucket	—	—	—	—	—	—	—	—	—	—	—
Norfolk	28	333	18	14	7	7	—	—	—	—	—
Plymouth	51	1 377	74	27	8	7	7	1	1	—	—
Suffolk	—	—	—	—	—	—	—	—	—	—	—
Worcester	319	8 425	868	119	76	90	26	3	3	2	(D)
Farms not on mail list	199	886	130	167	32	—	—	—	—	—	—
All Farms Part 9 of 10		Cattle—sales per farm									
		Total		Farms with—						500 or more	
		Farms	Number	Sales (\$1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	
Massachusetts	1 762	23 654	10 123	1 147	326	224	39	17	6	3 1 868	
Barnstable	3	(D)	(D)	3	—	—	—	—	—	—	—
Berkshire	166	2 171	891	93	36	30	7	—	—	—	—
Bristol	159	3 541	1 576	97	35	16	3	5	2	1 (D)	
Dukes	16	102	44	12	4	—	—	—	—	—	—
Essex	75	1 460	658	46	15	7	2	4	1	—	—
Franklin	243	3 623	1 761	151	53	32	3	1	3	—	—
Hampden	110	820	329	82	21	6	1	—	—	—	—
Hampshire	181	2 294	1 031	109	39	25	6	2	—	—	—
Middlesex	122	1 335	609	86	16	15	4	1	—	—	—
Nantucket	1	(D)	(D)	1	—	—	—	—	—	—	—
Norfolk	35	440	161	24	5	4	2	—	—	—	—
Plymouth	70	1 635	714	45	12	9	—	3	1	(D)	
Suffolk	—	—	—	—	—	—	—	—	—	—	—
Worcester	383	5 029	2 023	238	76	56	11	1	—	1 (D)	
Farms not on mail list	198	1 192	319	160	14	24	—	—	—	—	—
All Farms Part 10 of 10		Fattened cattle—sales per farm									
		Total		Farms with—						500 or more	
		Farms	Number	Sales (\$1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	
Massachusetts	321	2 787	1 290	266	34	15	4	1	—	1 (D)	
Barnstable	—	—	—	—	—	—	—	—	—	—	—
Berkshire	19	98	39	15	3	1	—	—	—	—	—
Bristol	44	1 168	591	33	5	3	1	1	1	—	(D)
Dukes	4	21	10	3	1	—	—	—	—	—	—
Essex	23	167	77	18	4	—	1	—	—	—	—
Franklin	29	221	98	23	5	—	1	—	—	—	—
Hampden	24	88	36	22	2	—	—	—	—	—	—
Hampshire	22	165	87	20	1	—	1	—	—	—	—
Middlesex	32	112	45	29	3	—	—	—	—	—	—
Nantucket	—	—	—	—	—	—	—	—	—	—	—
Norfolk	5	92	42	2	1	2	—	—	—	—	—
Plymouth	18	65	30	16	1	1	—	—	—	—	—
Suffolk	—	—	—	—	—	—	—	—	—	—	—
Worcester	72	432	171	63	1	8	—	—	—	—	—
Farms not on mail list	29	158	65	22	7	—	—	—	—	—	—

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

All Farms
Part 1 of 3

Inventory								Sales						
Hogs and pigs								Litters of pigs farrowed between Dec. 1, 1977, and Nov. 30, 1978		Hogs and pigs		Feeder pigs		
Total		Used or to be used for breeding		Other				Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	
Massachusetts	909	59 626	365	7 442	860	52 184	407	9 109	551	66 722	5 632	219	14 385	464
Barnstable	8	(D)	3	5	7	(D)	4	9	5	30	2	2	(D)	(D)
Berkshire	50	488	13	95	46	393	15	72	24	345	24	10	175	5
Bristol	93	9 685	47	1 298	85	8 387	49	1 554	64	11 123	769	21	4 581	142
Dukes	13	58	5	21	11	37	5	24	6	158	14	1	(D)	(D)
Essex	45	2 991	19	382	44	2 609	19	458	38	3 175	281	6	491	18
Franklin	61	641	21	92	59	549	22	79	29	529	33	14	318	10
Hampden	39	2 332	12	294	37	2 038	13	440	25	3 601	324	6	(D)	(D)
Hampshire	41	2 588	20	465	40	2 123	20	749	32	4 505	414	10	1 102	39
Middlesex	73	13 766	39	1 249	67	12 517	41	1 451	60	13 850	1 450	16	876	31
Nantucket	1	(D)	—	—	1	(D)	—	—	—	—	—	—	—	—
Norfolk	19	1 331	10	187	18	1 144	12	296	13	1 829	105	6	466	15
Plymouth	60	5 649	22	651	55	4 998	23	703	39	6 408	484	12	630	18
Suffolk	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worcester	125	15 012	70	2 012	116	13 000	76	2 417	100	15 628	1 356	41	2 419	69
Farms not on mail list	281	5 040	84	691	274	4 349	108	857	116	5 541	376	74	2 375	75

All Farms
Part 2 of 3

Hogs and pigs—inventory per farm								500 or more			
Total		Farms with—						Farms	Number		
Farms	Number	1 to 4	5 to 9	10 to 24	25 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	
Massachusetts	909	59 626	478	131	74	56	53	39	49	29	32 115
Barnstable	8	(D)	5	1	2	—	—	—	—	—	—
Berkshire	50	488	33	8	8	—	—	—	1	5	4 715
Bristol	93	9 685	38	12	9	7	3	8	11	5	—
Dukes	13	58	9	3	1	—	—	—	—	—	—
Essex	45	2 991	16	10	1	7	6	1	1	3	1 900
Franklin	61	641	36	13	2	7	3	—	—	—	—
Hampden	39	2 332	20	10	2	—	3	1	2	1	(D)
Hampshire	41	2 588	15	8	7	3	3	1	2	2	(D)
Middlesex	73	13 766	24	9	8	4	8	5	8	7	9 850
Nantucket	1	(D)	1	—	—	—	—	—	—	—	—
Norfolk	19	1 331	8	1	3	2	2	2	—	1	(D)
Plymouth	60	5 649	34	6	5	2	2	2	6	3	3 100
Suffolk	—	—	—	—	—	—	—	—	—	—	—
Worcester	125	15 012	39	26	15	9	8	11	10	7	8 810
Farms not on mail list	281	5 040	200	24	11	15	15	8	8	—	—

All Farms
Part 3 of 3

Hogs and pigs—sales per farm								1,000 or more			
Total		Farms with—						Farms	Number		
Farms	Number	Sales (\$1,000)	1 to 9	10 to 49	50 to 99	100 to 199	200 to 499	500 to 999	Farms	Number	
Massachusetts	551	66 722	5 632	174	184	51	65	45	22	10	21 530
Barnstable	5	30	2	4	1	—	—	—	—	—	—
Berkshire	24	345	24	13	9	2	—	—	—	—	—
Bristol	64	11 123	769	16	17	2	10	13	5	1	(D)
Dukes	6	158	14	1	5	—	—	—	—	—	—
Essex	38	3 175	281	17	9	4	2	4	2	—	—
Franklin	29	529	33	13	14	2	—	—	—	—	—
Hampden	25	3 601	324	13	4	5	1	1	—	1	(D)
Hampshire	32	4 505	414	14	8	3	1	4	1	1	(D)
Middlesex	60	13 850	1 450	18	17	4	8	5	5	3	7 470
Nantucket	—	—	—	—	—	—	—	—	—	—	—
Norfolk	13	1 829	105	1	5	4	1	—	2	—	—
Plymouth	39	6 408	484	11	13	2	2	9	1	1	(D)
Suffolk	—	—	—	—	—	—	—	—	—	—	—
Worcester	100	15 628	1 356	29	28	8	17	9	6	3	5 450
Farms not on mail list	116	5 541	376	24	54	15	23	—	—	—	—

Table 18. Poultry—Inventory and Sales: 1978

All Farms
Part 1 of 2

	Inventory						Sales					
	Hens and pullets of laying age		Pullets 3 months old or older		Pullet chicks and pullets under 3 months old		Hens and pullets of laying age		Pullets 3 months old or older		Pullet chicks and pullets under 3 months old	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Massachusetts-----	924	1 314 400	233	(D)	44	(D)	247	989 537	37	(D)	11	4 555
Barnstable-----	21	1 521	2	(D)	2	(D)	3	(D)	—	—	—	—
Berkshire-----	49	79 957	3	(D)	4	157	8	101 203	—	—	—	—
Bristol-----	79	130 038	14	17 932	11	22 316	38	78 730	3	(D)	2	(D)
Dukes-----	21	470	1	(D)	1	(D)	2	(D)	—	—	—	—
Essex-----	48	48 072	10	(D)	2	(D)	23	44 646	4	145	2	(D)
Franklin-----	53	26 266	5	(D)	—	—	15	22 053	1	(D)	—	—
Hampden-----	44	(D)	4	(D)	2	(D)	8	(D)	1	(D)	—	—
Hampshire-----	60	284 341	8	(D)	3	(D)	22	119 165	—	—	2	(D)
Middlesex-----	83	193 502	10	23 240	8	(D)	34	136 600	—	—	—	—
Nantucket-----	1	(D)	—	—	—	—	—	—	—	—	—	—
Norfolk-----	25	21 818	5	(D)	—	—	14	18 101	—	—	1	(D)
Plymouth-----	54	24 856	11	309	7	(D)	17	50 606	2	(D)	2	(D)
Suffolk-----	—	—	—	—	—	—	—	—	—	—	—	—
Worcester-----	133	438 924	22	95 398	4	(D)	41	372 852	2	(D)	2	(D)
Farms not on mail list-----	253	32 357	138	14 473	—	—	22	22 468	24	240	—	—

Hens and pullets of laying age—inventory per farm

All Farms
Part 2 of 2

	Total		Farms with —								100,000 or more		
	Farms	Number	1 to 99	100 to 399	400 to 1,599	1,600 to 3,199	3,200 to 9,999	10,000 to 19,999	20,000 to 49,999	50,000 to 99,999	Forms	Number	
			924	1 314 400	726	71	43	31	22	16	10	3	2
Massachusetts-----	924	1 314 400	726	71	43	31	22	16	10	3	2	(D)	—
Barnstable-----	21	1 521	19	1	1	—	—	—	—	—	—	—	—
Berkshire-----	49	79 957	38	6	1	—	1	1	2	—	—	—	—
Bristol-----	79	130 038	53	6	7	4	6	2	—	1	—	—	—
Dukes-----	21	470	20	1	—	—	—	—	—	—	—	—	—
Essex-----	48	48 072	31	7	1	6	1	2	—	—	—	—	—
Franklin-----	53	26 266	41	8	1	1	1	1	1	—	—	—	—
Hampden-----	44	(D)	36	4	2	—	—	2	—	—	—	—	—
Hampshire-----	60	284 341	42	7	4	1	3	1	1	1	—	1	(D)
Middlesex-----	83	193 502	57	5	7	4	3	4	2	1	—	—	—
Nantucket-----	1	(D)	1	—	—	—	—	—	—	—	—	—	—
Norfolk-----	25	21 818	12	4	3	3	3	—	—	—	—	—	—
Plymouth-----	54	24 856	38	8	6	—	2	—	—	—	—	—	—
Suffolk-----	—	—	—	—	—	—	—	—	—	—	—	—	—
Worcester-----	133	438 924	100	7	10	4	2	3	5	1	1	(D)	
Farms not on mail list-----	253	32 357	238	7	—	8	—	—	—	—	—	—	—

Table 19. Broilers Sold by Number Per Farm: 1978

All Farms	Total		Farms with sales of -								Sales of 500,000 or more	
	Farms	Number	1 to 1,999	2,000 to 7,999	8,000 to 15,999	16,000 to 29,999	30,000 to 59,999	60,000 to 99,999	100,000 to 499,999	Farms	Number	
Massachusetts-----	49	163 818	42	3	1	-	3	-	-	-	-	
Berkshire-----	4	(D)	4	-	-	-	-	-	-	-	-	
Bristol-----	6	(D)	4	1	1	-	-	-	-	-	-	
Essex-----	6	(D)	4	-	-	-	2	-	-	-	-	
Franklin-----	5	40	5	-	-	-	-	-	-	-	-	
Hampden-----	3	1 250	3	-	-	-	-	-	-	-	-	
Hampshire-----	4	(D)	3	1	-	-	-	-	-	-	-	
Middlesex-----	6	(D)	4	1	-	-	-	1	-	-	-	
Worcester-----	4	(D)	4	-	-	-	-	-	-	-	-	
All other counties-----	3	1 700	3	-	-	-	-	-	-	-	-	
Farms not on mail list-----	8	600	8	-	-	-	-	-	-	-	-	

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

All Farms Part 1 of 2	Inventory				Sales							
	Sheep and lambs		Ewes 1 year old or older		Sheep and lambs		Sheep and lambs shorn			Value of sheep, lambs, and wool sold		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Wool (1,000 lbs.)	Farms	Sales (\$1,000)	
Massachusetts-----	419	7 153	354	4 870	293	4 208	314	6 069	41	340	242	
Barnstable-----	7	136	7	90	3	(D)	7	(D)	(D)	7	(D)	
Berkshire-----	15	243	10	153	12	211	13	261	1	14	11	
Bristol-----	39	466	33	308	25	253	29	397	2	31	15	
Essex-----	27	233	23	136	18	130	21	184	1	23	12	
Franklin-----	35	665	32	437	28	291	28	528	4	31	14	
Hampden-----	18	347	13	174	12	246	13	224	2	14	14	
Hampshire-----	24	969	19	735	18	557	16	955	6	19	51	
Middlesex-----	37	664	30	379	29	362	30	505	4	33	26	
Norfolk-----	19	503	15	395	17	382	16	451	4	18	17	
Plymouth-----	37	476	28	305	24	317	25	376	3	28	14	
Worcester-----	62	1 270	52	797	46	773	49	969	7	55	39	
All other counties-----	7	543	7	431	7	(D)	7	(D)	(D)	7	(D)	
Farms not on mail list-----	92	638	85	530	54	300	60	544	4	60	12	
Sheep and lambs—Inventory per farm												
All Farms Part 2 of 2	Total		Farms with -								1,000 or more	
	Farms	Number	1	2 to 4	5 to 9	10 to 24	25 to 99	100 to 299	300 to 999	Farms	Number	
	Massachusetts-----	419	7 153	28	127	100	85	71	6	2	-	-
Barnstable-----	7	136	-	4	1	-	2	-	-	-	-	-
Berkshire-----	15	243	3	3	1	2	6	-	-	-	-	-
Bristol-----	39	466	4	15	10	4	6	-	-	-	-	-
Essex-----	27	233	2	10	3	10	2	-	-	-	-	-
Franklin-----	35	665	1	11	5	9	9	-	-	-	-	-
Hampden-----	18	347	1	4	2	7	3	1	-	-	-	-
Hampshire-----	24	969	2	4	1	9	6	1	-	-	-	-
Middlesex-----	37	664	1	9	9	10	8	-	-	-	-	-
Norfolk-----	19	503	1	2	3	8	4	1	-	-	-	-
Plymouth-----	37	476	6	10	10	7	3	1	-	-	-	-
Worcester-----	62	1 270	7	11	15	16	12	-	1	-	-	-
All other counties-----	7	543	-	-	3	2	2	-	-	-	-	-
Farms not on mail list-----	92	638	-	44	40	-	8	-	-	-	-	-

Table 21. Milk Goats—Inventory and Sales: 1978

All Farms	Inventory		Sales								
			Milk goats			Goat milk					
			Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Gallons	Sales (\$1,000)	
Massachusetts-----	115	954	55	577	31	34	12 963	36			
Barnstable-----	3	(D)	1	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)
Berkshire-----	4	20	2	(D)	(D)	1					
Bristol-----	11	94	6	80	7	6	3 316	6			
Essex-----	6	120	3	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)
Franklin-----	6	40	4	(D)	(D)	2	(D)	(D)	(D)	(D)	(D)
Hampden-----	6	33	2	(D)	(D)	1	(D)	(D)	(D)	(D)	(D)
Hampshire-----	9	137	9	125	4	4	462				
Middlesex-----	6	92	5	86	7	3	840	3			
Plymouth-----	12	161	8	88	5	7	4 022	11			
Worcester-----	10	64	5	31	2	4	568	4			
All other counties-----	3	(D)	3	18	(D)	1	(D)	(D)	(D)	(D)	(D)
Farms not on mail list-----	39	131	7	14	(Z)	-	-	-	-	-	-

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

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

All Farms	Inventory				Sales of mink and their pelts		
	Mink and their pelts		Female mink used for breeding		Farms	Number	Sales (\$1,000)
	Farms	Number	Farms	Number			
Mossachusetts	10	5 493	9	3 082	10	15 607	357
Middlesex	4	1 897	3	887	3	6 467	(D)
All other counties	6	3 596	6	2 195	7	9 140	(D)

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

All Farms	Inventory		Sales					
			Colonies of bees			Honey		
	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Pounds	Sales (\$1,000)
Mossachusetts	246	5 963	13	321	2	145	125 135	105
Bornstable	12	155	—	—	—	7	3 788	3
Berkshire	13	53	2	(D)	(D)	7	2 040	2
Bristol	23	784	—	—	—	15	14 984	9
Essex	23	220	2	(D)	(D)	10	9 683	8
Franklin	12	192	2	(D)	(D)	5	3 754	3
Hampden	15	361	—	—	—	10	13 440	11
Hampshire	8	36	—	—	—	4	758	1
Middlesex	18	2 100	—	—	—	13	18 212	14
Norfolk	7	53	—	—	—	2	(D)	(D)
Plymouth	39	1 720	4	137	1	22	48 469	44
Worcester	34	126	3	(D)	(D)	16	3 321	3
All other counties	4	21	—	—	—	3	(D)	(Z)
Farms not on mail list	38	142	—	—	—	31	4 678	5

Table 25. Fish Sales: 1978

All Farms	Total		Any				Only by pounds			Only by number			Acres under water for fish production	
	Farms	Sales (\$1,000)	Forms	Pounds	Forms	Number	Farms	Pounds	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Farms	Acres
TROUT														
Massachusetts	7	108	4	45 103	3	(D)	4	45 103	108	3	(D)	(D)	7	67
Plymouth	3	102	3	(D)	—	—	3	(D)	(D)	—	—	—	3	60
All other counties	4	6	1	(D)	3	(D)	1	(D)	(D)	3	(D)	(D)	4	7
TROPICAL AND BAITFISH														
Massachusetts	3	(D)	1	(D)	2	(D)	1	(D)	(D)	2	(D)	(D)	2	(D)

Table 26. Miscellaneous Poultry—Inventory and Sales: 1978

All Farms	Inventory		Sales		All Farms	Inventory		Sales	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
BROILERS									
Massachusetts	154	56 287	49	163 818	Massachusetts	242	1 452	40	548
Barnstable	5	237	—	—	Barnstable	4	19	—	—
Berkshire	12	145	4	(D)	Berkshire	5	37	2	(D)
Bristol	13	6 538	6	(D)	Bristol	30	256	5	97
Dukes	4	251	1	(D)	Dukes	4	20	—	—
Essex	8	30 600	6	(D)	Essex	16	106	5	173
Franklin	9	135	5	(D)	Franklin	11	71	3	6
Hampden	7	1 040	3	(D)	Hampden	12	113	2	(D)
Hampshire	6	239	4	(D)	Hampshire	15	84	1	(D)
Middlesex	11	14 416	6	(D)	Middlesex	27	87	4	18
Norfolk	3	157	1	(D)	Norfolk	3	14	1	(D)
Plymouth	5	287	1	(D)	Plymouth	11	79	2	(D)
Worcester	11	1 367	4	(D)	Worcester	29	260	8	97
Farms not on mail list	60	855	8	600	Farms not on mail list	75	306	7	35
TURKEYS									
Massachusetts	202	37 383	70	137 722	Massachusetts	29	812	8	269
Berkshire	3	4 516	2	(D)	Hampshire	3	(D)	2	(D)
Bristol	13	2 431	10	2 609	Middlesex	3	(D)	1	(D)
Essex	7	2 809	6	(D)	All other counties	8	163	5	117
Franklin	6	640	2	(D)	Farms not on mail list	15	484	—	—
Hampden	6	13 494	4	36 600	PHEASANTS				
Hampshire	8	1 554	5	(D)	Massachusetts	17	1 772	10	(D)
Middlesex	9	7 038	11	14 806	Bristol	5	(D)	4	(D)
Plymouth	10	680	8	(D)	Middlesex	5	(D)	3	(D)
Worcester	15	2 294	11	(D)	All other counties	7	897	3	30 088
All other counties	6	550	3	4 449	QUAIL				
Farms not on mail list	119	1 377	8	160	Massachusetts	9	1 258	8	5 182
TURKEYS FOR SLAUGHTER									
Massachusetts	192	35 618	70	136 037	Bristol	5	950	4	922
Berkshire	3	(D)	2	(D)	All other counties	4	308	4	4 260
Bristol	11	(D)	10	2 534	OTHER POULTRY				
Essex	7	(D)	6	(D)	Massachusetts	44	1 934	9	1 662
Franklin	6	(D)	2	(D)	Berkshire	3	(D)	1	(D)
Hampden	6	12 894	4	36 000	Bristol	6	230	2	(D)
Hampshire	5	(D)	5	(D)	Hampshire	4	121	2	(D)
Middlesex	9	7 038	11	14 806	Middlesex	4	292	1	(D)
Plymouth	9	677	8	(D)	Worcester	3	15	—	—
Worcester	13	1 823	11	(D)	All other counties	6	(D)	3	(D)
All other counties	4	542	3	4 449	Farms not on mail list	4	33	—	—
Farms not on mail list	119	1 377	8	160	Massachusetts	14	147	—	—
TURKEY HENS KEPT FOR BREEDING									
Massachusetts	22	1 765	6	1 685	POULTRY HATCHED (SEE TEXT)				
Bristol	3	(D)	1	(D)	Massachusetts	92	1 428 093	106	10 995 589
Essex	3	(D)	2	(D)	Bristol	16	51 504	19	15 229
Hampshire	4	46	—	(D)	Essex	4	(D)	6	(D)
Worcester	5	(D)	1	(D)	Franklin	6	774	6	(D)
All other counties	7	614	2	(D)	Hampshire	7	(D)	11	(D)
Farms not on mail list	337	(D)	40	(D)	Middlesex	7	(D)	12	(D)
Massachusetts	11	108	4	30	Norfolk	3	(D)	4	(D)
Berkshire	23	289	7	125	Plymouth	4	(D)	8	366
Bristol	5	80	1	(D)	Worcester	9	(D)	14	(D)
Dukes	10	256	3	283	All other counties	5	1 550	13	10 513
Essex	15	116	1	(D)	Farms not on mail list	31	7 164	13	1 652
Franklin	15	92	2	(D)					
Hampden	15	236	1	(D)					
Hampshire	9	176	3	19					
Middlesex	9	184	3	160					
Plymouth	37	(D)	6	(D)					
Worcester	5	131	2	(D)					
All other counties	179	2 064	7	1 400					

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

All Farms	Inventory		Sales		Sales (\$1,000)	All Farms	Inventory		Sales		Sales (\$1,000)
	Farms	Number	Farms	Number			Farms	Number	Farms	Number	
HORSES AND PONIES											
Massachusetts	1 387	8 122	397	1 214	1 639						
Barnstable	8	153	6	28	25						
Berkshire	78	350	13	56	35						
Bristol	84	461	20	56	98						
Dukes	21	163	2	(D)	(D)						
Essex	76	801	33	186	154						
Franklin	98	468	24	60	39						
Hampden	68	292	18	56	39						
Hampshire	76	400	15	28	26						
Middlesex	125	998	29	188	270						
Norfolk	33	242	13	28	34						
Plymouth	59	431	18	45	47						
Worcester	176	880	41	110	129						
All other counties	4	19	3	(D)	(D)						
Farms not on mail list	481	2 464	162	346	660						
MULES, BURROS, AND DONKEYS											
Massachusetts	78	180	13	48	11						
Bristol	8	17	2	(D)	(D)						
Essex	4	18	1	(D)	(D)						
Hampden	4	4	—	—	—						
Hampshire	5	6	—	—	—						
Middlesex	9	15	—	—	—						
Worcester	9	12	1	(D)	(D)						
All other counties	8	14	2	(D)	(D)						
Farms not on mail list	31	94	7	35	8						
GOATS EXCEPT ANGORA AND MILK											
Massachusetts	109	819	40	542	17						
Barnstable	3	17	2	(D)	(D)						
Berkshire	4	10	—	—	—						
Bristol	13	224	5	188	6						
Essex	7	21	3	12	(Z)						
Franklin	7	26	2	(D)	(D)						
Farms not on mail list	58	277	19	340	3						
GOATS EXCEPT ANGORA AND MILK—Con.											
Hampden			3	6	—						
Middlesex			11	31	2	(D)	(D)				
Norfolk			4	(D)	3	43	(D)				
Worcester			16	52	7	24	1				
All other counties			3	(D)	1	(D)	(D)				
Farms not on mail list			38	379	15	225	7				
RABBITS AND THEIR PELTS											
Massachusetts	101	8 599	40	26	271	233					
Bristol	12	4 358	10	12	881	(D)					
Essex	5	71	—	—	—	—					
Franklin	5	(D)	4	(D)	(D)	(D)					
Hampden	3	158	3	(D)	1	(D)	(D)				
Hampshire	3	(D)	—	—	—	—					
Norfolk	3	(D)	1	(D)	(D)	(D)					
Plymouth	3	(D)	1	(D)	(D)	(D)					
Worcester	10	621	5	3 075	(D)	(D)					
All other counties	5	66	2	(D)	(D)	(D)					
Farms not on mail list	52	244	14	245	1						
CHINCHILLAS AND THEIR PELTS											
Massachusetts	9	1 527	9	1 472	38						
Worcester	5	1 073	4	414	14						
All other counties	4	454	5	1 058	24						
OTHER LIVESTOCK											
Massachusetts	18	(X)	6	(X)	(D)						
Bristol	3	(X)	—	(X)	(D)						
Middlesex	4	(X)	2	(X)	(D)						
Plymouth	4	(X)	—	(X)	(D)						
Worcester	4	(X)	2	(X)	(D)						
All other counties	3	(X)	2	(X)	(D)						

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)											
Massachusetts	240	4 911	421 211	11	24		23	334	17 715	—	—
Berkshire	16	581	56 495	—	—		10	214	12 025	—	—
Bristol	8	116	7 260	1	(D)		3	(D)	(D)	—	—
Dukes	3	(D)	(D)	—	—		3	4	(D)	—	—
Essex	6	34	2 500	1	(D)		3	(D)	(D)	—	—
Franklin	34	643	57 540	1	(D)		4	37	1 510	—	—
Hampden	16	562	47 326	1	(D)						
Hampshire	59	1 653	154 801	—	—						
Middlesex	4	16	1 589	—	—						
Plymouth	8	(D)	4	9							
Worcester	25	726	50 474	—	—						
All other counties	3	62	6 076	—	—						
Farms not on mail list	58	277	19 340	3	9						
OATS FOR GRAIN (BUSHELS)											
Massachusetts											
Berkshire											
Dukes											
Franklin											
Hampshire											
All other counties											
RYE FOR GRAIN (BUSHELS)											
Massachusetts	18	303	5 605	—	—						
Franklin	5	10	162	—	—						
Hampshire	8	235	4 182	—	—						
All other counties	5	58	1 261	—	—						

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
FIELD SEED CROPS											
Massachusetts	6	254	(X)	-	-	Massachusetts	528	12 208	15 554	1	(D)
Franklin	3	(D)	(X)	-	-	Berkshire	60	2 319	3 328	-	-
All other counties	3	(D)	(X)	-	-	Bristol	49	827	1 082	-	-
RYEGRASS SEED (POUNDS)											
Massachusetts	6	254	62 100	-	-	Essex	35	770	916	-	-
Franklin	3	(D)	(D)	-	-	Franklin	44	1 092	1 546	-	-
All other counties	3	(D)	(D)	-	-	Hampden	21	354	393	-	-
HAY CROPS (TONS, DRY) (SEE TEXT)											
Massachusetts	3 078	133 117	262 706	15	235	Hampshire	40	909	1 472	-	-
Barnstable	7	238	501	1	(D)	Middlesex	42	1 986	2 109	1	(D)
Berkshire	246	18 264	36 973	-	-	Norfolk	19	519	618	-	-
Bristol	254	8 136	16 660	2	(D)	Plymouth	23	409	421	-	-
Dukes	29	781	1 428	-	-	Worcester	75	1 625	2 030	-	-
Essex	150	8 297	16 701	-	-	All other counties	9	192	245	-	-
Franklin	339	15 580	34 384	1	(D)	Farms not on mail list	111	1 206	1 394	-	-
Hampden	172	6 399	12 652	-	-	GRASS SILAGE AND HAYLAGE (TONS, GREEN)					
Hampshire	286	13 396	29 322	-	-	Massachusetts	205	9 511	59 895	1	(D)
Middlesex	221	10 944	20 320	2	(D)	Berkshire	32	1 929	12 839	-	-
Nantucket	4	85	225	-	-	Bristol	22	1 162	9 029	-	-
Norfolk	76	2 732	4 605	4	33	Essex	15	943	4 849	-	-
Plymouth	137	4 656	8 667	5	142	Franklin	30	1 238	7 435	-	-
Worcester	599	29 421	62 019	-	-	Hampden	10	266	1 233	-	-
Farms not on mail list	558	14 188	18 249	-	-	Hampshire	19	868	6 049	-	-
ALFALFA HAY (TONS, DRY)											
Massachusetts	1 080	27 375	68 609	7	151	Middlesex	13	647	3 215	-	-
Berkshire	86	3 521	8 476	-	-	Plymouth	10	321	1 531	1	(D)
Bristol	102	2 125	5 661	1	(D)	Worcester	51	2 067	13 440	-	-
Essex	56	1 501	3 306	-	-	All other counties	3	70	275	-	-
Franklin	133	3 417	9 359	-	-	HAY CROPS CUT AND FED GREEN (TONS, GREEN)					
Hampden	65	1 295	3 006	-	-	Massachusetts	154	2 487	14 229	-	-
Hampshire	103	2 300	6 337	-	-	Berkshire	20	317	1 865	-	-
Middlesex	97	3 104	7 842	-	-	Bristol	20	292	1 714	-	-
Norfolk	36	760	1 561	3	32	Essex	4	(D)	421	-	-
Plymouth	53	1 194	3 278	3	(D)	Franklin	20	327	1 852	-	-
Worcester	256	7 208	17 965	-	-	Hampden	6	69	731	-	-
All other counties	18	325	726	-	-	Middlesex	18	248	1 657	-	-
Farms not on mail list	75	625	1 092	-	-	Plymouth	7	133	690	-	-
SMALL GRAIN HAY (TONS, DRY)											
Massachusetts	73	988	2 107	-	-	Worcester	10	143	778	-	-
Berkshire	10	249	447	-	-	All other counties	46	790	4 440	-	-
Bristol	11	74	132	-	-	Farms not on mail list	3	(D)	81	-	-
Essex	5	53	124	-	-	CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Franklin	5	66	180	-	-	Massachusetts	965	39 336	644 550	16	79
Hampton	5	18	20	-	-	Barnstable	3	(D)	(D)	1	(D)
Hampshire	12	369	917	-	-	Berkshire	92	5 546	92 050	-	-
Middlesex	5	28	35	-	-	Bristol	111	4 820	77 158	5	58
Worcester	16	113	215	-	-	Dukes	5	(D)	(D)	-	-
All other counties	4	18	37	-	-	Essex	42	1 419	22 420	1	(D)
OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)						Franklin	164	5 281	97 617	-	-
Massachusetts	2 210	80 548	151 628	7	76	Hampden	69	2 614	43 445	1	(D)
Barnstable	6	152	363	1	(D)	Middlesex	109	4 687	82 965	-	-
Berkshire	167	9 929	19 809	-	-	Norfolk	59	1 849	32 278	-	-
Bristol	153	3 656	6 193	1	(D)	Plymouth	17	401	6 848	1	(D)
Dukes	16	288	555	-	-	Worcester	32	3 279	34 431	-	-
Essex	97	4 909	10 592	-	-	All other counties	209	8 458	141 740	-	-
Franklin	256	9 440	20 190	1	(D)	Farms not on mail list	53	874	12 022	7	14
Hampton	126	4 397	8 574	-	-	SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Hampshire	217	8 702	18 020	-	-	Massachusetts	28	333	3 016	-	-
Middlesex	141	5 046	9 026	1	(D)	Berkshire	3	23	(D)	-	-
Nantucket	4	75	219	-	-	Bristol	3	20	230	-	-
Norfolk	50	1 395	2 322	1	(D)	Essex	3	(D)	(D)	-	-
Plymouth	83	2 584	4 184	2	(D)	Franklin	4	(D)	(D)	-	-
Worcester	456	17 618	35 818	-	-	Hampshire	4	17	150	-	-
Farms not on mail list	438	12 357	15 763	-	-	Worcester	7	47	536	-	-
Farms not on mail list											
All other counties											

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated		
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
	LAND USED FOR VEGETABLES (SEE TEXT)				HEAD CABBAGE					
Massachusetts	1 092	15 109	330	4 415	Massachusetts	229	816	94	325	
Barnstable	19	97	9	39	Bristol	38	163	15	85	
Berkshire	48	411	4	(D)	Essex	17	83	12	58	
Bristol	155	2 517	50	780	Franklin	20	62	2	(D)	
Dukes	19	(D)	6	21	Hampden	27	221	7	87	
Essex	89	1 795	50	738	Middlesex	24	115	—	38	
Franklin	75	766	10	178	Plymouth	21	56	10	—	
Hampden	76	1 593	20	502	Worcester	10	18	1	(D)	
Hampshire	150	2 073	8	129	All other counties	20	73	9	44	
Middlesex	125	2 557	48	900	7	14	—	—		
Nantucket	4	(D)	4	(D)	Farms not on mail list	45	12	38	11	
Norfolk	34	404	13	138	CANTALOUPS AND PERSIAN MELONS					
Plymouth	67	856	23	285	Massachusetts	87	62	52	33	
Worcester	107	1 506	34	452	Barnstable	4	1	3	(D)	
Farms not on mail list	124	394	51	150	Bristol	7	5	3	3	
ALL VEGETABLES HARVESTED (SEE TEXT)				Essex				Massachusetts		
Massachusetts	1 092	15 214	330	4 507	Hampden	4	2	3	2	
Barnstable	19	97	9	39	Middlesex	14	19	5	10	
Berkshire	48	409	4	49	Plymouth	5	3	—	—	
Bristol	155	2 513	50	780	Worcester	6	5	3	(D)	
Dukes	19	68	6	21	All other counties	6	6	2	(D)	
Essex	89	1 826	50	751	Farms not on mail list	31	13	31	13	
Franklin	75	765	10	179	CARROTS					
Hampden	76	1 651	20	565	Massachusetts	129	242	65	193	
Hampshire	150	2 066	8	129	Berkshire	5	1	—	—	
Middlesex	125	2 569	48	914	Bristol	5	1	1	(D)	
Nantucket	4	72	4	56	Dukes	5	3	3	2	
Norfolk	34	408	13	139	Essex	13	11	5	6	
Plymouth	67	854	23	283	Franklin	4	(D)	2	(D)	
Worcester	107	1 514	34	452	Hampden	10	(D)	3	(D)	
Farms not on mail list	124	403	51	150	Middlesex	15	18	6	10	
ASPARAGUS				Massachusetts				Norfolk		
Massachusetts	86	269	9	9	Plymouth	4	5	1	(D)	
Berkshire	3	(D)	—	—	Worcester	16	36	9	33	
Essex	5	3	2	(D)	All other counties	5	3	2	(D)	
Franklin	10	26	2	(D)	Farms not on mail list	38	13	31	13	
Hampshire	50	229	—	—	CAULIFLOWER					
Middlesex	5	(D)	1	(D)	Massachusetts	67	94	22	34	
Plymouth	7	4	4	3	Berkshire	3	(D)	—	—	
All other counties	6	2	—	—	Bristol	3	(D)	1	(D)	
BEANS, GREEN LIMA				Essex				Essex		
Massachusetts	8	10	—	—	Franklin	4	5	—	—	
Bristol	3	(D)	—	—	Hampden	9	36	2	(D)	
All other counties	5	(D)	—	—	Hampshire	6	4	—	—	
BEANS, SNAP (BUSH AND POLE)				Middlesex				Middlesex		
Massachusetts	302	484	127	230	Plymouth	14	21	6	14	
Berkshire	9	11	1	(D)	All other counties	6	8	1	(D)	
Bristol	29	95	10	21	Farms not on mail list	3	3	2	(D)	
Dukes	7	4	4	3	CELERY					
Essex	29	91	15	18	Massachusetts	7	5	2	(D)	
Franklin	9	5	2	(D)	Middlesex	3	3	—	—	
Hampden	29	39	7	16	All other counties	4	2	2	(D)	
Hampshire	13	6	—	—	Farms not on mail list	14	1	7	1	
Middlesex	44	100	21	75	CHICORY					
Norfolk	12	14	4	(D)	Massachusetts	67	94	22	34	
Plymouth	24	69	9	(D)	Berkshire	3	(D)	—	—	
Worcester	28	32	12	21	Bristol	4	7	3	(D)	
All other counties	7	4	4	3	Essex	5	5	—	—	
Farms not on mail list	62	14	38	12	Hampden	9	36	2	(D)	
BEETS				Hampshire				Hampshire		
Massachusetts	121	87	63	54	Middlesex	6	4	—	—	
Berkshire	4	1	—	—	All other counties	14	21	6	14	
Bristol	7	7	3	5	Farms not on mail list	3	3	2	(D)	
Dukes	5	3	3	2	COLLARDS					
Essex	22	34	10	21	Massachusetts	18	38	8	23	
Hampden	6	6	2	(D)	Bristol	8	6	3	3	
Middlesex	13	14	5	(D)	Essex	3	(D)	2	(D)	
Norfolk	5	5	2	(D)	All other counties	7	(D)	3	(D)	
Plymouth	6	1	2	(D)	CUCUMBERS AND PICKLES					
Worcester	9	4	4	2	Massachusetts	304	699	79	102	
All other counties	6	2	1	(D)	Barnstable	6	1	4	1	
Farms not on mail list	38	11	31	10	Berkshire	7	2	—	—	
BROCCOLI				Bristol				Bristol		
Massachusetts	53	30	18	11	Essex	40	51	15	17	
Berkshire	3	1	—	—	Franklin	29	22	14	12	
Franklin	4	4	2	(D)	Hampden	30	44	5	16	
Hampden	6	7	2	(D)	Hampshire	46	305	3	(D)	
Hampshire	3	3	—	—	Middlesex	32	34	10	17	
Middlesex	9	5	1	(D)	Norfolk	13	11	7	6	
Plymouth	4	1	1	(D)	Plymouth	21	24	4	2	
Worcester	3	1	2	(D)	Worcester	41	24	12	7	
All other counties	7	7	3	4	Farms not on mail list	3	2	1	(D)	
Farms not on mail list	14	1	7	1	7	4	—	—	—	

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres
EGGPLANT									
Massachusetts	77	71	26	31	Massachusetts	245	539	111	272
Bristol	25	43	8	26	Barnstable	3	1	1	(D)
Essex	5	2	—	(D)	Berkshire	3	1	1	(D)
Franklin	4	1	1	(D)	Bristol	58	265	22	106
Hampden	7	10	—	—	Essex	27	58	20	56
Middlesex	8	4	1	(D)	Franklin	10	11	2	(D)
Norfolk	3	4	—	—	Hampden	31	87	8	44
Plymouth	4	2	1	(D)	Hampshire	19	31	1	(D)
Worcester	6	2	4	(D)	Middlesex	23	19	10	12
All other counties	8	3	2	(D)	Norfolk	8	15	4	11
Farms not on mail list	7	1	7	1	Plymouth	13	17	3	6
					Worcester	23	24	15	18
ESCAROLE									
Massachusetts	3	(D)	3	(D)	Farms not on mail list	27	11	24	10
HONEYDEW MELONS									
Massachusetts	27	16	24	14	Massachusetts	239	627	47	70
All other counties	3	1	—	—	Barnstable	3	(D)	1	(D)
Farms not on mail list	24	14	24	14	Berkshire	9	(D)	1	(D)
LETTUCE AND ROMAINE									
Massachusetts	130	344	79	251	Bristol	41	106	6	9
Berkshire	4	2	—	—	Essex	23	60	10	17
Bristol	21	66	9	43	Franklin	16	28	—	—
Dukes	8	5	4	3	Hampden	16	32	1	(D)
Essex	15	69	13	69	Hampshire	21	49	2	(D)
Hampden	13	90	5	(D)	Middlesex	49	144	13	25
Hampshire	5	8	1	(D)	Norfolk	10	35	3	(D)
Middlesex	14	57	8	51	Plymouth	12	42	1	(D)
Norfolk	4	6	1	(D)	Worcester	24	62	2	(D)
Plymouth	4	9	—	—	Farms not on mail list	15	36	7	4
Worcester	7	19	5	8	RADISHES				
All other counties	4	5	1	(D)	Massachusetts	29	27	19	16
Farms not on mail list	31	10	31	10	Bristol	4	3	1	(D)
ONIONS, DRY									
Massachusetts	49	168	8	19	Hampden	4	11	2	(D)
Bristol	3	(D)	2	(D)	Middlesex	4	3	1	(D)
Franklin	10	41	1	(D)	Worcester	4	2	2	(D)
Hampden	4	11	1	(D)	All other counties	6	7	6	7
Hampshire	19	105	1	(D)	Farms not on mail list	7	1	7	1
Middlesex	4	2	—	—	RHUBARB				
Plymouth	4	1	1	(D)	Massachusetts	5	30	3	(D)
All other counties	5	(D)	2	(D)					
ONIONS, GREEN									
Massachusetts	25	62	11	14	SPINACH				
Bristol	4	9	2	(D)	Massachusetts	29	106	12	44
Essex	8	5	5	(D)	Bristol	4	9	1	(D)
Hampden	3	(D)	1	(D)	Essex	6	(D)	4	5
Hampshire	3	(D)	—	—	Hampden	4	5	2	(D)
Worcester	3	(D)	2	(D)	Middlesex	6	(D)	3	(D)
All other counties	4	3	1	(D)	Worcester	4	4	2	(D)
OKRA									
Massachusetts	6	6	—	—	All other counties	5	7	—	—
PARSLEY									
Massachusetts	5	16	3	(D)	SQUASH				
PEAS, GREEN, EXCLUDING GREEN COWPEAS									
Massachusetts	89	82	27	26	Massachusetts	488	1 923	111	417
Berkshire	4	(D)	—	—	Barnstable	6	2	4	(D)
Bristol	14	16	1	(D)	Berkshire	12	10	1	(D)
Dukes	3	(D)	1	(D)	Bristol	88	559	24	190
Essex	10	10	6	6	Dukes	6	3	3	3
Franklin	5	3	2	(D)	Essex	44	211	16	28
Hampden	11	9	3	4	Franklin	20	69	—	—
Middlesex	10	14	3	(D)	Hampden	39	86	4	12
Norfolk	6	7	4	4	Hampshire	58	370	4	8
Plymouth	6	4	1	(D)	Middlesex	79	361	25	107
Worcester	10	11	4	2	Norfolk	15	20	8	7
All other counties	3	5	2	(D)	Plymouth	36	100	10	28
Farms not on mail list	7	1	—	—	Worcester	55	123	12	34
PEPPERS, HOT									
Massachusetts	36	45	9	17	Farms not on mail list	30	9	—	—
Bristol	16	25	4	9	SWEET CORN				
Essex	3	3	2	(D)	Massachusetts	670	7 241	166	1 830
Hampden	4	4	—	—	Barnstable	5	35	4	20
Middlesex	4	1	—	—	Berkshire	39	303	2	(D)
All other counties	9	12	3	(D)	Bristol	88	915	21	209
Farms not on mail list	7	1	—	—	Dukes	9	(D)	2	(D)
PEPPERS, SWEET									
Massachusetts	245	539	111	272	Essex	58	967	26	337
Barnstable	3	1	1	(D)	Franklin	37	288	1	(D)
Berkshire	3	1	1	(D)	Hampden	45	618	7	89
Bristol	58	265	22	106	Hampshire	66	713	5	88
Essex	27	58	20	56	Middlesex	80	1 495	20	453
Franklin	10	11	2	(D)	Nantucket	3	(D)	2	(D)
Hampden	31	87	8	44	Norfolk	24	213	7	60
Hampshire	19	31	10	12	Plymouth	47	491	17	164
Middlesex	23	15	11	11	Worcester	80	960	21	208
All other counties	8	15	4	11	Farms not on mail list	89	200	31	27

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres
	TOMATOES				MIXED VEGETABLES—Con.				
Massachusetts	480	542	190	233	Bristol	9	21	2	(D)
Berkshire	13	10	3	(D)	Dukes	5	18	1	(D)
Bristol	64	77	21	25	Essex	7	14	4	9
Dukes	11	8	4	3	Franklin	6	10	2	(D)
Essex	45	69	26	45	Hampshire	11	13	1	(D)
Franklin	15	14	4	(D)	Middlesex	19	36	4	13
Hampden	42	91	12	44	Plymouth	11	15	2	(D)
Hampshire	30	37	4	7	Worcester	18	53	9	31
Middlesex	68	76	27	22	All other counties	5	13	—	—
Norfolk	17	38	10	21	WATERMELONS				
Plymouth	32	26	8	5	Massachusetts				
Worcester	54	53	21	21	Bristol	17	17	5	2
All other counties	11	8	6	6	Hampden	4	2	—	—
Farms not on mail list	78	36	44	22	Middlesex	4	2	1	(D)
TURNIPS					All other counties	5	12	2	(D)
Massachusetts	27	44	2	(D)	OTHER VEGETABLES				
Berkshire	3	(D)	—	—	Massachusetts				
Bristol	13	21	1	(D)	Essex	52	192	24	112
Hampden	5	(D)	—	—	Hampshire	6	10	5	5
All other counties	6	7	1	(D)	Middlesex	3	(D)	1	(D)
MIXED VEGETABLES					Plymouth	5	27	—	—
Massachusetts	103	257	29	83	Worcester	7	17	1	(D)
Barnstable	7	39	3	(D)	All other counties	3	11	2	(D)
Berkshire	5	6	1	(D)	Farms not on mail list	10	43	5	30
Farms not on mail list									
						14	15	7	1

Table 32. Fruits and Nuts: 1978

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
	LAND IN ORCHARDS								
Massachusetts	512	8 556	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Barnstable	9	25	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Berkshire	26	205	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bristol	28	198	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Essex	27	381	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Franklin	35	827	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hampden	49	847	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hampshire	35	768	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Middlesex	65	1 373	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Norfolk	16	76	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Plymouth	31	142	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Worcester	100	3 222	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	5	47	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Farms not on mail list	86	445	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Massachusetts	449	7 695	448 151	263	95 105	397	353 046	321	92 208 721
Berkshire	23	191	9 669	16	3 558	22	6 111	18	2 154 356
Bristol	24	133	5 446	14	1 431	21	4 015	16	1 059 008
Essex	25	356	15 086	11	4 151	25	10 935	19	3 727 414
Franklin	32	785	55 469	17	12 190	29	43 279	25	9 486 328
Hampden	48	754	32 001	25	4 611	43	27 390	33	8 460 954
Hampshire	35	695	45 231	24	7 905	32	37 326	27	8 022 823
Middlesex	58	1 212	82 307	29	24 902	55	57 405	44	14 224 300
Norfolk	16	71	2 142	8	363	14	1 779	13	461 498
Plymouth	27	106	4 738	16	1 481	20	3 257	15	278 888
Worcester	96	3 010	181 670	64	25 606	88	156 064	75	43 148 562
All other counties	10	22	1 339	6	108	9	1 231	7	249 715
Farms not on mail list	55	361	13 053	33	8 799	39	4 254	29	932 875
CHERRIES									
Massachusetts	29	6	333	16	129	24	204	13	376
Plymouth	3	1	38	3	(D)	1	(D)	—	—
All other counties	12	3	204	6	78	9	126	6	306
Farms not on mail list	14	1	91	7	(D)	14	(D)	7	70

Table 32. Fruits and Nuts: 1978—Con.

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
GRAPES (FRESH WEIGHT) (SEE TEXT)									
Massachusetts	95	105	53 782	73	24 418	84	29 364	61	49 401
Barnstable	3	2	223	2	(D)	2	(D)	1	(D)
Berkshire	3	1	220	2	(D)	3	(D)	1	
Bristol	9	11	6 479	7	5 709	6	770	4	4 674
Dukes	4	43	24 455	3	13 750	4	10 705	3	18 350
Essex	6	4	1 665	4	145	6	1 520	5	1 948
Hampden	6	3	1 540	5	400	3	1 140	3	9 010
Hampshire	3	1	125	—	—	3	125	3	60
Middlesex	11	17	8 765	10	3 065	9	5 700	4	655
Plymouth	10	7	3 002	5	296	9	2 706	5	1 401
Worcester	13	10	3 152	9	251	13	2 901	7	8 575
All other counties	5	2	840	4	235	4	605	3	180
Farms not on mail list	22	7	3 316	22	332	22	2 984	22	4 228
PEACHES									
Massachusetts	188	444	31 693	103	6 761	164	24 932	115	1 447 987
Bristol	18	44	3 630	11	821	13	2 809	12	(D)
Essex	9	8	801	4	50	9	751	7	36 071
Franklin	13	30	2 488	12	1 139	10	1 349	8	104 780
Hampden	17	50	4 635	9	691	15	3 944	11	160 220
Hampshire	11	43	3 690	8	773	9	2 917	8	137 050
Middlesex	18	64	3 894	11	576	15	3 318	14	157 989
Norfolk	5	2	107	4	(D)	5	(D)	5	6 515
Plymouth	13	10	486	10	121	10	365	9	13 195
Worcester	33	153	10 802	23	2 535	29	8 267	24	521 696
All other counties	5	3	151	3	(D)	3	(D)	3	(D)
Farms not on mail list	46	38	1 009	8	8	46	1 001	14	46 221
PEARS									
Massachusetts	159	244	19 481	73	6 893	135	12 588	91	1 155 344
Berkshire	5	6	673	4	(D)	5	396	4	(D)
Bristol	13	9	538	3	28	13	510	9	26 350
Essex	12	11	1 126	3	(D)	11	(D)	8	115 522
Hampden	13	25	2 163	6	67	9	2 096	7	58 260
Hampshire	11	27	3 034	8	434	8	2 600	7	124 310
Middlesex	22	76	6 136	12	(D)	19	3 167	17	484 080
Norfolk	6	2	103	3	15	5	88	5	3 567
Plymouth	6	2	56	5	51	2	(D)	1	(D)
Worcester	24	45	2 769	10	699	24	2 070	17	172 470
All other counties	4	7	211	4	72	3	(D)	2	(D)
Farms not on mail list	43	35	2 672	15	2 164	36	508	14	105 035
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
Massachusetts	60	30	1 842	29	212	53	1 630	27	44 201
Berkshire	3	5	320	3	49	3	271	1	(D)
Franklin	4	2	96	3	43	3	53	1	(D)
Hampden	5	10	887	3	17	3	870	2	(D)
Middlesex	4	1	82	2	(D)	4	(D)	4	3 300
Plymouth	5	1	40	2	(D)	3	(D)	3	282
Worcester	10	4	213	4	13	9	200	4	15 555
All other counties	7	4	135	4	37	6	98	5	6 358
Farms not on mail list	22	3	69	8	16	22	53	7	350
OTHER NONCITRUS FRUIT									
Massachusetts	9	14	875	6	104	8	771	6	29 085
OTHER NUTS									
Massachusetts	5	11	427	4	(D)	4	(D)	3	80

Table 33. Berries: 1978

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
BLACKBERRIES (POUNDS)											
Massachusetts	6	2	2 980	1	(D)	Massachusetts	82	44	60 502	27	17
Barnstable						Barnstable	8	3	2 752	3	(Z)
Bristol	9	15	11 747	5	3	Bristol	3	(D)	(D)	2	(D)
Essex	9	15	24 299	3	(D)	Essex	14	11	19 227	5	8
Franklin	9	7	5 374	3	2	Franklin	7	10	16 750	—	—
Hampden	7	8	4 019	—		Hampden	6	2	2 386	3	2
Hampshire	19	119	146 792	1	(D)	Hampshire	5	1	2 339	3	1
Middlesex	8	26	62 954	1	(D)	Middlesex	4	(D)	(D)	2	(D)
Plymouth	8	8	13 375	2	(D)	Plymouth	13	4	3 775	3	1
Worcester	23	95	134 809	6	27	Worcester	5	2	790	2	(D)
All other counties	10	55	41 938	1	(D)	All other counties	10	2	870	3	(D)
Forms not on mail list	3	1	1 671	1	(D)	Farms not on mail list					
	7	1	4 200	7	1						
BLUEBERRIES, TAME (POUNDS)											
Massachusetts	30	536	335 234	5	28	Massachusetts	263	352	1 570 186	102	189
Franklin	3	165	105 000	1	(D)	Barnstable	9	9	(D)	6	8
Hampden	8	290	197 400	—	—	Berkshire	11	7	34 610	1	(D)
Worcester	11	74	22 654	—	—	Bristol	31	26	131 143	12	13
All other counties	5	3	8 380	1	(D)	Essex	33	42	174 943	23	35
Forms not on mail list	3	3	1 800	3	3	Franklin	18	25	133 789	4	12
CRANBERRIES (100-LB BARRELS)											
Massachusetts	382	10 063	1 072 248	382	10 063	Massachusetts	27	82	413 699	7	46
Barnstable	55	704	67 803	55	704	Hampden	26	42	85 583	1	(D)
Bristol	25	269	28 576	25	269	Middlesex	27	27	136 036	11	15
Plymouth	295	8 928	966 607	295	8 928	Norfolk	5	3	11 225	3	2
All other counties	7	162	9 262	7	162	Plymouth	18	13	62 570	7	9
Forms not on mail list						Worcester	36	69	348 100	14	44
						All other counties	5	3	8 186	3	(D)
						Farms not on mail list	17	3	(D)	10	2

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

All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)	All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)
	Farms	Acres	Acres in open			Farms	Acres	Acres in open	
ALL NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)									
Massachusetts	802	9 291 352	3 043	41 137	Massachusetts	141	2 363 215	139	7 780
Barnstable	30	92 685	82	517	Barnstable	7	(D)	(D)	12
Berkshire	28	190 805	105	740	Berkshire	5	(D)	(D)	148
Bristol	75	754 323	244	4 831	Bristol	8	38 900	36	163
Dukes	14	28 131	9	83	Essex	13	51 000	15	291
Essex	75	752 798	372	3 406	Franklin	5	(D)	6	14
Franklin	29	85 507	125	648	Hampden	13	86 400	(D)	323
Hampden	78	791 899	527	2 434	Hampshire	6	(D)	(D)	—
Hampshire	44	892 894	66	2 409	Middlesex	39	982 900	12	3 596
Middlesex	149	3 196 567	1 060	15 952	Norfolk	12	166 230	(D)	411
Nantucket	3	(D)	(D)		Plymouth	15	227 995	3	624
Norfolk	77	980 449	47	3 733	Worcester	14	64 960	(D)	230
Plymouth	69	605 303	170	2 271	All other counties	4	(D)	2	(D)
Suffolk	3	(D)	(D)						
Worcester	75	696 985	234	3 602					
Farms not on mail list	53	141 408	1	105					
BEDDING PLANTS									
Massachusetts	451	2 893 542	107	8 004	Massachusetts	281	2 925 042	69	15 351
Barnstable	15	49 498	4	183	Barnstable	12	36 814	(D)	142
Berkshire	17	86 055	(D)	295	Berkshire	8	31 750	(D)	127
Bristol	35	234 894	3	682	Bristol	22	322 283	19	2 450
Dukes	5	7 631	(D)		Essex	23	199 687	9	983
Essex	49	424 591	14	1 270	Franklin	9	40 466	(D)	27
Franklin	18	32 670	(D)	354	Hampden	18	173 246	6	424
Hampden	44	351 030	3	631	Hampshire	11	80 500	2	149
Hampshire	21	114 478	(D)	192	Middlesex	62	1 153 656	9	6 611
Middlesex	71	844 433	18	2 296	Norfolk	33	294 022	11	1 937
Norfolk	48	306 437	(D)	894	Plymouth	26	223 043	2	659
Plymouth	38	132 965	(D)	368	Suffolk	3	(D)	(D)	180
Worcester	55	256 662	2	647	Worcester	35	338 633	5	1 639
All other counties	3	31 366	—	109	All other counties	3	(D)	(D)	7
Farms not on mail list	32	20 832	—	50					
BULBS									
Massachusetts	52	272 724	17	816	Massachusetts	3	17 000	(X)	98
Bristol	6	20 311	(D)	(D)	Massachusetts	184	298 207	2 631	8 296
Essex	6	(D)	—	126	Barnstable	15	(D)	58	173
Hampden	6	(D)	(D)	(D)	Berkshire	11	(D)	82	162
Middlesex	17	83 453	(D)	181	Bristol	20	75 535	178	1 367
Norfolk	8	77 400	(D)	259	Dukes	6	(D)	5	42
Plymouth	3	(D)	—	8	Essex	18	29 860	333	727
All other counties	6	6 200	(D)	30	Hampden	20	(D)	483	879
NURSERY PRODUCTS									

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

All Farms		Sq. ft. under glass or other protection			Acres in open		Sales (\$1,000)	
	Farms							
NURSERY PRODUCTS—Con.								
Hampshire	12	—	62	129				
Middlesex	30	25 675	1 015	2 970				
Norfolk	17	(D)	(D)	(D)				
Plymouth	20	(D)	143	578				
Worcester	9	(D)	(D)	(D)				
All other counties	6	3 487	17	79				
SOD HARVESTED								
Massachusetts	5	(X)	68	212				
VEGETABLE AND FLOWER SEEDS								
Massachusetts	20	36 209	(D)	98				
Bristol	3	2 000	—	5				
Essex	3	3 300	—	7				
Hampton	4	4 531	—	7				
Middlesex	3	(D)	(D)	4				
Norfolk	4	(D)	(D)	38				
All other counties	3	10 678	—	39				
All Farms								
GREENHOUSE VEGETABLES			Sq. ft. under glass or other protection			Acres in open		Sales (\$1,000)
Massachusetts								
Bristol	42	443 613	(X)	305				
Hampton	4	(D)	(X)	(D)				
Hamptonshire	9	135 192	(X)	47				
Middlesex	4	20 158	(X)	13				
Worcester	7	60 150	(X)	81				
All other counties	8	20 533	(X)	32				
Farms not on mail list	6	114 000	(X)	36				
OTHER NURSERY AND GREENHOUSE PRODUCTS								
Massachusetts								
Bristol	23	41 800	10	176				
Hampton	3	—	5	6				
Middlesex	3	(D)	(D)	(D)				
All other counties	7	(D)	(D)	(D)				
Farms not on mail list	7	—	1	2				

Table 35. Other Crops: 1978

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
HERBS (POUNDS)											
Massachusetts	7	10	9 082	—	—	Massachusetts	27	87	(X)	3	9
Barnstable	3	5	5 000	—	—	Bristol	5	9	(X)	—	—
All other counties	4	5	4 082	—	—	Hampshire	13	62	(X)	1	(D)
						Middlesex	3	3	(X)	2	(D)
						All other counties	6	13	(X)	—	—

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

All Farms	Reporting land held under foreign ownership					Reporting don't know		Reporting no		No response			
	Land in farms (acres)		Owned by individuals who are not citizens of the United States		Owned by foreign held corporations, associations, or a foreign government		Farms	Land in farms (acres)	Farms	Land in farms (acres)	Farms		
			Farms	Acres	Farms	Acres							
Massachusetts-----	7	583	406	7	406	-	-	14	1 962	5 488	640 741	382	35 428
Worcester -----	3	243	(D)	3	(D)	-	-	4	152	792	122 707	65	6 414
All other counties -----	4	340	(D)	4	(D)	-	-	10	1 810	4 696	518 034	317	29 014

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

All Farms	Farms	Income (\$1,000)	Farms with -								
			\$1 to \$249	\$250 to \$499	\$500 to \$999	\$1,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 or more	
Massachusetts	411	836	153	55	63	103	19	12	2	4	
Barnstable	8	33	3	-	2	1	-	2	-	-	
Berkshire	27	34	11	2	3	9	2	-	-	-	
Bristol	28	53	10	2	7	6	2	-	1	-	
Dukes	8	23	1	1	-	5	-	1	-	-	
Essex	30	63	10	3	2	12	2	1	-	-	
Franklin	53	96	23	12	4	8	4	1	-	1	
Hampden	20	51	6	2	5	5	-	1	1	-	
Hampshire	42	60	19	5	9	6	-	3	-	-	
Middlesex	57	243	22	5	5	20	2	-	-	3	
Norfolk	15	40	3	3	1	5	2	1	-	-	
Plymouth	29	57	7	5	6	7	3	-	-	-	
Worcester	80	77	30	15	13	19	2	1	-	-	
Farms not on mail list	14	5	8	-	6	-	-	-	-	-	

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

All Farms	Forms	Value (\$1,000)	Farms with -							
			\$1 to \$249	\$250 to \$499	\$500 to \$999	\$1,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 or more
Massachusetts	1,253	9,792	173	117	174	499	108	75	28	79
Barnstable	30	133	3	4	3	11	8	-	-	1
Berkshire	60	473	10	6	11	21	5	3	1	3
Bristol	129	860	13	14	22	46	12	9	7	6
Essex	87	1,356	2	9	12	33	12	2	3	14
Franklin	90	348	14	10	19	34	6	3	-	4
Hampden	80	615	8	10	12	24	9	9	1	6
Hampshire	115	966	10	15	17	47	13	6	1	10
Middlesex	128	1,173	6	8	12	52	12	21	7	2
Norfolk	41	304	4	5	5	15	4	6	-	2
Plymouth	86	300	7	8	16	42	8	2	1	2
Worcester	190	2,854	28	19	27	57	17	13	7	22
All other counties	21	181	5	1	1	9	2	1	-	2
Farms not on mail list	196	228	63	8	17	108	-	-	-	-

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

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

All Farms	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by value of sales						
	Farms	Acres	Farms	Acres		Occupation farming			Occupation other than farming			
						Less than \$2,500	\$2,500 to \$19,999	\$20,000 or more	Less than \$2,500	\$2,500 to \$19,999	\$20,000 or more	
Massachusetts	33	1,950	30	518	412	4	11	5	7	4	2	
Bristol	3	114	3	34	31	-	-	1	1	1	-	
Franklin	5	643	4	170	142	1	-	1	1	1	2	
Plymouth	10	547	10	166	118	1	2	2	4	1	-	
Worcester	3	71	1	(D)	11	1	1	-	1	1	-	
All other counties	6	455	6	95	44	1	2	1	1	1	-	
Farms not on mail list	6	120	6	(D)	65	-	6	-	-	-	-	

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

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

All Farms	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
Massachusetts	25	1,150	292	6	580	166	2	(D)	(D)
Franklin	3	229	82	2	(D)	(D)	-	-	-
Plymouth	8	489	108	2	(D)	(D)	-	-	-
All other counties	8	312	60	2	(D)	(D)	2	(D)	(D)
Farms not on mail list	6	120	42	-	-	-	-	-	-

Table 41. Operators by Selected Racial Groups: 1978

BLACK	All farms		Farms with sales of \$2,500 or more		AMERICAN INDIAN	All farms		Farms with sales of \$2,500 or more		
	Forms	Land in farms	Forms	Land in farms		Forms	Land in farms	Forms	Land in farms	
						Number	Land in farms	Number	Land in farms	
Massachusetts	19	836	15	534	Massachusetts	6	204	1	(D)	
Plymouth	7	373	4	286	Massachusetts	3	202	2	(D)	
All other counties	6	343	5	128	ALL OTHER RACES (SEE TEXT)	5	708	4	(D)	
Farms not on mail list	6	120	6	120	Massachusetts	-	-	-	-	

Table 42. Operators of Spanish Origin: 1978

	All farms		Farms with sales of \$2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Massachusetts-----	41	2 393	7	457
Plymouth -----	3	242	1	(D)
All other counties -----	14	567	6	(D)
Forms not on mail list-----	24	1 584	-	-

Table 43. Female Operators: 1978

	All farms		Farms with sales of \$2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Massachusetts-----	453	35 098	270	23 539
Barnstable -----	15	569	10	412
Berkshire -----	20	3 831	10	2 541
Bristol -----	32	1 564	19	1 039
Essex -----	30	2 908	19	2 188
Franklin -----	35	3 723	20	2 058
Hampden -----	33	2 505	26	2 142

	All farms		Farms with sales of \$2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Hampshire -----	36	3 359	25	2 514
Middlesex -----	49	2 317	34	1 870
Norfolk -----	15	1 847	9	1 533
Plymouth -----	55	2 485	37	1 854
Worcester -----	57	7 336	31	4 838
All other counties -----	6	310	6	310
Forms not on mail list-----	70	2 344	24	240

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	5 891	678 714	4 497	601 734	3 859	535 675	3 185	496 050
Average size of farm	(X)	115	(X)	134	(X)	139	(X)	156
Approximate land area	(X)	5 008 640	(X)	5 008 768	(X)	5 008 640	(X)	5 008 768
Proportion in farms	percent	13.6	(X)	12.0	(X)	10.7	(X)	9.9
Value of land and buildings: ¹								
Average per farm	dollars	168 952	(X)	128 535	(X)	195 905	(X)	150 448
Average per acre	dollars	(X)	1 443	(X)	961	(X)	(X)	966
Land in farms according to use:								
Total cropland		5 526	311 030	4 212	257 033	3 637	256 264	2 957
Harvested cropland		5 107	213 669	4 032	188 015	3 409	184 241	2 874
By acres harvested:								
1 to 9 acres		1 661	6 018	1 239	(NA)	947	3 321	686
10 to 19 acres		856	11 020	583	(NA)	436	5 822	358
20 to 29 acres		537	12 280	467	(NA)	329	7 646	288
30 to 49 acres		815	29 929	546	(NA)	542	20 343	410
50 to 99 acres		657	44 869	682	(NA)	589	40 522	626
100 to 199 acres		420	55 738	373	(NA)	411	54 563	368
200 to 499 acres		142	38 544	123	(NA)	136	36 753	119
500 to 999 acres		16	(D)	14	(NA)	16	(D)	14
1,000 acres or more		3	(D)	5	(NA)	3	(D)	5
Cropland used only for pasture		2 510	77 443	1 601	55 467	1 428	58 108	1 014
Other cropland		1 155	19 918	704	13 551	806	13 915	476
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured		338	4 289	(NA)	(NA)	229	3 371	148
Cropland on which all crops failed		130	843	(NA)	(NA)	96	637	76
Cropland in cultivated summer fallow		106	1 308	(NA)	(NA)	86	1 221	61
Cropland idle		744	13 478	(NA)	(NA)	500	8 686	258
Total woodland		3 583	272 563	2 631	240 463	2 306	204 687	1 810
Woodland pastured		995	37 673	(NA)	(NA)	655	28 997	619
Woodland not pastured		3 142	234 890	(NA)	(NA)	2 016	175 690	1 513
Other land		4 201	95 121	3 228	104 238	2 724	74 724	2 301
Pastureland and rangeland, other than cropland and woodland pastured		708	31 268	(NA)	(NA)	497	23 916	552
Land in house lots, ponds, roads, wasteland, etc		4 020	63 853	(NA)	(NA)	2 608	50 808	2 168
Postureland, all types		3 210	146 384	(NA)	(NA)	1 907	111 021	(NA)
Irrigated land		1 027	16 941	879	18 512	889	16 510	750
Harvested cropland irrigated		1 020	16 773	(NA)	(NA)	886	16 414	749
Postureland irrigated		10	100	(NA)	(NA)	5	45	(NA)
Other land irrigated		18	68	(NA)	(NA)	11	51	13
Land set aside in the federal farm programs in 1978		48	1 077	(X)	(X)	42	996	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	5 891	214 675	4 497	179 653	3 859	211 420	3 185	177 112
Average per farm	(X)	36 441	(X)	39 950	(X)	54 786	(X)	55 608
Farms by value of agricultural products sold: ¹								
\$100,000 or more	487	135 944	344	(NA)	487	135 944	344	(NA)
\$40,000 to \$99,999	688	43 555	678	(NA)	688	43 555	678	(NA)
\$20,000 to \$39,999	565	16 216	627	(NA)	565	16 216	627	(NA)
\$10,000 to \$19,999	556	7 684	535	(NA)	556	7 684	535	(NA)
\$5,000 to \$9,999	714	4 958	498	(NA)	714	4 958	498	(NA)
\$2,500 to \$4,999	849	3 063	444	(NA)	849	3 063	444	(NA)
Less than \$2,500 (see text)	2 012	2 052	1 354	(NA)	(X)	(X)	59	(NA)
\$2,000 to \$2,499	259	561	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	337	573	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	526	632	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	890	287	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	20	1 203	17	(NA)	(X)	(X)	(X)	(X)
Crops	3 427	100 829	3 033	86 453	2 522	99 469	(NA)	85 347
Grains	99	365	(NA)	(NA)	64	334	59	281
Commodity Credit Corporation loans	1	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	—
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	44	6 985	(NA)	(NA)	44	6 985	48	9 925
Field seeds, hay, forage, and silage	1 274	4 779	(NA)	(NA)	821	4 216	658	4 136
Vegetables, sweet corn, and melons	1 092	13 712	(NA)	(NA)	894	13 488	673	10 200
Fruits, nuts, and berries	946	30 455	(NA)	(NA)	751	30 167	655	20 542
Nursery and greenhouse products	802	41 137	653	37 063	665	40 895	563	36 933
Other crops	182	3 397	(NA)	(NA)	142	3 384	151	3 330
Livestock, poultry, and their products	3 144	113 846	2 396	92 464	2 090	111 951	1 729	91 086
Poultry and poultry products	574	18 682	417	24 134	323	18 508	294	23 977
Dairy products	933	61 784	(NA)	(NA)	872	61 162	955	50 396
Cattle and calves	2 061	12 630	(NA)	(NA)	1 487	11 988	1 333	7 405
Hogs and pigs	551	5 632	(NA)	(NA)	381	5 515	240	3 346
Sheep, lambs, and wool	340	242	(NA)	(NA)	126	152	71	74
Other livestock and livestock products (see text)	708	14 876	(NA)	(NA)	388	14 625	153	5 888

¹1974 data include sales of forest products.

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

Farms		1978								
		Acres in farms	Farms with harvested cropland			Farms with irrigated land				
1978	1974		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land	
All farms -----	5 891	4 497	678 714	5 107	644 991	213 669	1 027	95 883	26 961	16 941
Farms with -----										
1 to 9 acres -----	987	627	4 128	714	2 917	1 606	240	1 012	542	476
10 to 49 acres -----	1 798	1 185	47 280	1 485	39 710	17 134	381	9 024	3 303	2 590
50 to 69 acres -----	516	384	30 170	450	26 313	11 083	88	5 032	1 691	1 183
70 to 99 acres -----	498	406	41 189	458	37 917	14 215	63	5 177	2 114	1 184
100 to 139 acres -----	575	503	66 897	540	62 889	21 858	77	8 899	2 870	1 684
140 to 179 acres -----	421	344	66 015	402	63 212	21 173	62	9 980	3 695	1 382
180 to 219 acres -----	290	265	57 549	266	52 729	17 819	24	4 739	1 480	565
220 to 259 acres -----	155	183	37 245	151	36 280	12 379	14	3 378	1 177	752
260 to 499 acres -----	483	428	170 576	476	167 900	55 068	57	19 210	5 173	3 470
500 to 999 acres -----	137	142	86 604	135	85 354	26 867	14	8 550	1 683	638
1,000 to 1,999 acres -----	25	21	32 185	24	30 894	8 555	5	(D)	(D)	(D)
2,000 acres or more -----	6	9	38 876	6	38 876	5 912	2	(D)	(D)	(D)

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms -----	5 891	678 714	4 497	601 734	3 859	535 675	3 185	496 050	
Harvested cropland -----	5 107	213 669	4 032	188 015	3 409	184 241	2 874	168 942	
Tenure of operator:									
Full owners -----	3 846	329 507	3 015	308 983	2 288	222 063	1 943	220 264	
Harvested cropland -----	3 210	70 941	(NA)	68 578	1 947	53 299	(NA)	54 542	
Part owners -----	1 685	322 034	1 213	264 910	1 302	291 049	1 021	249 606	
Harvested cropland -----	1 584	130 352	(NA)	107 710	1 225	120 280	(NA)	103 304	
Tenants -----	360	27 173	269	27 841	269	22 563	221	26 180	
Harvested cropland -----	313	12 376	(NA)	11 727	237	10 662	(NA)	11 096	
Type of organization:									
Individual or family -----	5 017	489 437	(NA)	(NA)	3 094	365 807	2 612	360 299	
Partnership -----	447	73 987	(NA)	(NA)	382	69 963	257	51 085	
Corporation -----	365	86 432	(NA)	(NA)	353	85 799	293	71 629	
Other—cooperative, estate or trust, institutional, etc. -----	62	28 858	(NA)	(NA)	30	14 106	23	13 037	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Forming -----	3 062	2 560	2 562	2 169	4 780	3 151	3 009	2 133	
Other -----	2 829	1 604	1 297	700	743	506	571	377	
Operators by age group:					Not reported -----	368	507	279	359
Under 25 years -----	91	53	59	39	Operators by place of residence:				
25 to 34 years -----	594	302	418	205	On farm operated -----	2 387	1 672	1 914	1 396
35 to 44 years -----	1 190	616	653	416	None -----	293	183	230	125
45 to 54 years -----	1 348	1 081	866	760	1 to 49 days -----	147	127	111	84
55 to 64 years -----	1 536	1 227	1 141	859	50 to 99 days -----	212	117	144	70
65 years and over -----	1 132	885	722	590	100 to 149 days -----	326	231	197	131
Average age -----	51.9	54.2	52.3	54.2	150 to 199 days -----	200	days or more	1 072	484

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased -----	2 042	11 382	1 502	8 110	1 280	11 002	1 039	7 911
Feed for livestock and poultry -----	3 319	40 503	2 512	40 395	2 071	39 163	1 746	39 636
Commercially mixed formula feeds -----	2 187	33 467	2 152	36 735	1 462	32 891	1 654	36 188
Animal health costs -----	2 492	1 518	(NA)	(NA)	1 640	1 388	1 228	750
Seeds, bulbs, plants, and trees -----	3 051	7 838	2 450	6 645	2 291	7 674	1 874	6 569
Commercial fertilizer -----	4 008	7 360	3 190	5 808	2 938	6 920	2 432	5 587
Other agricultural chemicals including lime -----	3 791	4 035	2 354	2 768	2 782	3 833	1 882	2 701
Hired farm labor -----	2 768	40 716	2 220	31 981	2 277	39 625	1 913	31 561
Contract labor -----	469	1 658	234	896	395	1 625	174	876
Customwork, machine hire, and rental of machinery and equipment -----	1 177	1 705	1 018	990	829	1 561	769	934
Energy and petroleum products -----	5 852	16 044	(NA)	(NA)	3 846	15 394	(NA)	(NA)
Petroleum products -----	5 845	12 019	4 338	8 766	3 843	11 520	3 137	8 502
Gasoline -----	5 536	4 824	(NA)	(NA)	3 632	4 470	3 092	3 321
Diesel fuel -----	1 738	1 117	(NA)	(NA)	1 497	1 085	953	549
LP gas, butane, and propane -----	492	519	(NA)	(NA)	436	509	486	672
Fuel oil -----	1 104	4 461	(NA)	(NA)	1 002	4 439		
Natural gas -----	150	171	(NA)	(NA)	91	164	3 135	3 960
Kerosene, motor oil, and grease -----	5 844	928	(NA)	(NA)	3 842	854		
Electricity -----	3 854	3 893	(NA)	(NA)	2 797	3 749	(NA)	(NA)
Other—coal, wood, coke, etc. -----	378	132	(NA)	(NA)	296	124	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	3 827	155 283	2 846	144 299	2 433	118 963
Pasture and rangeland fertilized	3 732	138 981	2 783	128 954	(NA)	106 869
Lime	681	16 302	514	15 345	(NA)	12 094
Sprays, dusts, granules, fumigants, etc. to control—	1 878	41 707	1 354	37 893	606	15 612
Insects on hay and other crops	1 795	42 157	1 324	39 192	(NA)	38 171
Nematodes in crops	206	4 870	167	4 767	55	1 791
Diseases in crops and orchards	1 112	22 881	813	21 522	315	12 958
Weeds, grass, or brush in crops and pasture	1 770	59 468	1 482	56 190	(NA)	41 074
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	210	6 372	167	6 240	62	2 393
Insect control on livestock and poultry	1 331	(X)	956	(X)	235	(X)
Sanitation and rodent and bird control	1 164	(X)	833	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		1974	
	1978		1978		1974	
	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT						
Estimated market value of all machinery and equipment—Con.						
\$1,000 dollars	5 888	4 290	3 865	3 057	605	540
Average per farm	127 697	84 637	111 514	72 708	565	534
Farms by value group:	21 688	19 729	28 852	23 784	323	312
\$1 to \$4,999	997	829	483	437	137	133
\$5,000 to \$9,999	1 864	926	699	504	155	146
\$10,000 to \$19,999	1 193	1 081	969	798	49	49
ALL MACHINERY AND EQUIPMENT—Con.						
Estimated market value of all machinery and equipment—Con.						
\$20,000 to \$29,999					654	559
\$30,000 to \$49,999					487	456
\$50,000 to \$69,999					175	171
\$70,000 to \$99,999					137	133
\$100,000 to \$199,999					138	132
\$200,000 or more						
1978						
SELECTED MACHINERY AND EQUIPMENT						
All farms						
Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
Automobiles						
Motortrucks including pickups	3 158	4 367	1 438	1 746	2 091	3 044
Wheel tractors	4 867	9 910	2 064	2 612	3 760	4 184
Grain and bean combines, self-propelled only	4 753	10 902	990	1 365	4 334	2 295
Corn heads for combines	33	47	5	5	28	224
Other cornpickers and picker-shellers	107	113	27	31	42	1 505
Cottonpickers	99	104	10	10	81	35
Mower conditioners	1 435	1 568	607	623	87	11
Pickup balers	1 776	1 900	368	403	89	103
Field forage harvesters, shear bar or flywheel type	1 006	1 185	274	286	94	17

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	2 768	1 451	(X)	2 245	(X)	2 277	1 913
Workers	23 554	6 076		17 478		21 738	25 365
Farms with—							
1 worker	578	531	531	535	535	430	333
2 workers	482	312	624	451	902	381	262
3 or 4 workers	657	355	1 172	456	1 557	493	347
5 to 9 workers	557	159	1 019	437	2 797	524	404
10 workers or more	494	94	2 730	366	11 687	449	567

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	3 780	(X)	2 630	(X)	2 254	(X)	1 790
Any cattle, hogs, or sheep	2 910	(X)	2 197	(X)	1 806	(X)	1 531
Sales:							
Any livestock or poultry and their products	3 144	113 846	2 396	92 464	2 090	111 951	1 729
Any cattle, hogs, or sheep	2 446	18 504	1 968	(NA)	1 708	17 656	1 460
CATTLE AND CALVES							
Inventory:							
Cattle and calves	2 599	102 226	1 994	103 938	1 620	93 290	1 409
Cows and heifers that had calved	2 249	60 435	1 730	62 978	1 433	56 196	1 274
Beef cows	1 305	10 264	759	7 650	619	7 247	402
Milk cows	1 356	50 171	1 239	55 328	1 029	48 949	1 058
Heifers and heifer calves	1 861	32 897	(NA)	(NA)	1 221	30 028	1 102
Steers, steer calves, bulls and bull calves	1 544	8 894	(NA)	(NA)	966	7 066	840
Sales:							
Cattle and calves	2 061	53 860	1 745	48 032	1 487	50 946	1 333
\$1,000	(X)	12 630	(X)	(NA)	(X)	11 988	7 405
Calves	1 501	30 206	(NA)	(NA)	1 146	28 708	1 058
\$1,000	(X)	2 507	(X)	(NA)	(X)	2 379	(X)
Cattle	1 762	23 654	(NA)	(NA)	1 313	22 238	1 183
\$1,000	(X)	10 123	(X)	(NA)	(X)	9 609	(X)
Fattened cattle	321	2 787	(NA)	(NA)	190	2 429	123
Dairy products	\$1,000	(X)	1 290	(X)	(X)	1 160	(X)
	\$1,000	933	61 784	(NA)	872	61 162	955
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	909	59 626	465	43 229	487	55 488	313
Used or to be used for breeding	365	7 442	(NA)	(NA)	262	6 962	156
Other hogs and pigs	860	52 184	(NA)	(NA)	463	48 526	301
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	407	9 109	206	7 191	281	8 597	167
Dec. 1 of preceding year and May 31	352	4 633	165	3 720	250	4 252	135
June 1 and Nov. 30	303	4 476	163	3 471	247	4 345	135
Sheep and lambs	419	7 153	264	5 896	159	3 585	98
Ewes 1 year old or older	354	4 870	(NA)	(NA)	128	2 459	86
Goats	222	1 778	(NA)	(NA)	81	834	16
Horses and ponies	1 387	8 122	710	4 687	641	3 742	370
Sales:							
Hogs and pigs	551	66 722	309	52 681	381	64 272	240
\$1,000	(X)	5 632	(X)	(NA)	(X)	5 515	(X)
Feeder pigs	219	14 385	86	11 531	147	13 229	62
\$1,000	(X)	464	(X)	(NA)	(X)	433	(X)
Sheep and lambs	293	4 208	164	3 600	113	2 341	63
Sheep and lambs shorn	314	6 069	(NA)	(NA)	110	3 157	54
Pounds of wool	(X)	41 023	(X)	(NA)	(X)	21 073	(X)
Sheep, lambs, and wool	\$1,000	340	242	(NA)	126	152	71
Goats	97	1 121	(NA)	(NA)	42	555	8
\$1,000	(X)	49	(X)	(NA)	(X)	28	(X)
Horses and ponies	397	1 214	153	989	238	912	99
\$1,000	(X)	1 639	(X)	(NA)	(X)	1 481	(X)
POULTRY							
Inventory:							
Any poultry	1 155	(X)	621	(X)	511	(X)	378
Chickens 3 months old or older	944	1 512 683	577	1 956 434	434	1 479 514	339
Hens and pullets of laying age	924	1 314 400	558	1 682 941	427	1 287 200	332
Pullets 3 months old or older	233	198 283	(NA)	(NA)	57	192 314	41
Pullet chicks and pullets under 3 months old	44	128 864	(NA)	(NA)	27	124 962	27
Broilers and other meat-type chickens	154	56 287	41	40 850	49	50 866	23
Turkeys	202	37 383	(NA)	(NA)	56	35 329	32
Turkeys for slaughter	192	35 618	(NA)	(NA)	50	33 693	30
Turkey hens kept for breeding	22	1 765	(NA)	(NA)	13	1 636	5
Other poultry	505	(X)	(NA)	(X)	135	(X)	46
Sales:							
Any poultry	440	(X)	304	(X)	274	(X)	252
Chickens 3 months old or older	276	1 093 544	258	1 943 276	191	1 080 027	212
Hens and pullets of laying age	247	989 537	244	1 413 496	188	976 782	203
Pullets 3 months old or older	37	104 007	(NA)	(NA)	8	103 245	13
Pullet chicks and pullets under 3 months old	11	4 555	(NA)	(NA)	6	(D)	505 823
Broilers and other meat-type chickens	49	163 818	31	301 430	25	157 348	22
Turkeys	70	137 722	(NA)	(NA)	49	136 917	32
Turkeys for slaughter	70	136 037	(NA)	(NA)	49	(D)	171 244
Turkey hens kept for breeding	6	1 685	(NA)	(NA)	5	(D)	169 619
Other poultry	79	(X)	(NA)	(X)	32	(X)	4
Poultry and poultry products	\$1,000	574	18 682	417	24 134	323	18 508

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1 151	44 269	(X)	26	103	959	42 624	(X)	10	72	
1978-----	999	37 409	(X)	(NA)	(NA)	877	36 344	(X)	17	201	
1974-----	240	(D)	421 211	11	24	148	4 476	398 804	5	(D)	
For grain or seed (bushels) -----	1978-----	138	3 022	232 727	(NA)	(NA)	108	2 955	228 148	3	4
1974-----	965	39 336	644 550	16	79	860	38 148	625 919	5	61	
For silage or green chop (tons, green) -----	1978-----	(NA)	(NA)	(NA)	(NA)	(NA)	790	33 273	526 679	13	184
For fodder, hogged or grazed -----	1978-----	2	(D)	(X)	—	—	—	(X)	—	—	
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	12	116	(X)	1	(D)
Sorghums for all purposes -----	1978-----	29	338	(X)	—	23	319	(X)	—	—	
1974-----	31	322	(X)	(NA)	(NA)	23	203	(X)	—	—	
For grain or seed (bushels) -----	1978-----	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974-----	—	—	(NA)	(NA)	(NA)	—	—	—	—	—	
For silage or green chop (tons, green) -----	1978-----	28	(D)	3 016	—	22	(D)	2 776	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23	203	1 491	—	
Cut for dry forage or hay (tons, dry) -----	1978-----	—	—	(NA)	(NA)	(NA)	—	—	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	(X)	—	
Hogged or grazed -----	1978-----	—	(X)	—	—	—	—	—	—	—	
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	—	—	(X)	—	
Wheat for grain (bushels) -----	1978-----	2	(D)	(D)	—	1	(D)	(D)	—	—	
1974-----	7	41	1 420	(NA)	(NA)	6	(D)	(D)	—	—	
Oats for grain (bushels) -----	1978-----	23	334	17 715	—	18	308	16 617	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	20	232	11 406	—	
Borley for grain (bushels) -----	1978-----	—	—	(NA)	(NA)	(NA)	—	—	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	17	840	—	
Rye for grain (bushels) -----	1978-----	18	303	5 605	—	14	258	4 625	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	16	208	5 211	—	
Other small grains for grain -----	1978-----	1	(D)	(X)	—	1	(D)	(X)	—	—	
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	3	35	(X)	—	
Soybeans for beans (bushels) -----	1978-----	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974-----	—	—	(NA)	(NA)	(NA)	—	—	—	—	—	
Peanuts for nuts (pounds) -----	1978-----	—	—	—	—	—	—	—	—	—	
Cotton (bales) -----	1978-----	—	—	—	—	—	—	—	—	—	
1974-----	—	—	—	—	—	—	—	—	—	—	
Tobacco (pounds) -----	1978-----	44	1 078	1 536 802	15	607	44	1 078	1 536 802	15	607
1974-----	51	1 568	2 604 070	(NA)	(NA)	48	1 563	2 596 855	21	1 135	
Irish potatoes (hundredweight) -----	1978-----	187	3 504	749 463	26	181	131	3 456	746 471	22	177
1974-----	226	4 266	837 696	(NA)	(NA)	163	4 180	827 336	39	256	
Sweetpotatoes (bushels) -----	1978-----	1	(D)	(D)	—	1	(D)	(D)	—	—	
1974-----	—	—	(NA)	(NA)	(NA)	—	—	—	—	—	
Hay crops (tons, dry) (see text) -----	1978-----	3 078	133 117	262 706	15	235	1 856	106 965	229 204	10	168
1974-----	2 191	110 327	225 714	(NA)	(NA)	1 464	94 114	201 372	13	213	
Alfalfa hay (tons, dry) -----	1978-----	1 080	27 375	68 609	7	151	787	23 517	62 024	6	(D)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	607	20 115	51 491	5	122
Other tame dry hay (tons, dry) (see text) -----	1978-----	2 210	80 548	151 628	7	76	1 361	62 656	129 721	3	(D)
Field seed crops -----	1978-----	6	254	(X)	—	5	(D)	(X)	—	—	
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	4	38	(X)	—	—	
Alfalfa seed (pounds) -----	1978-----	—	—	—	—	—	—	—	—	—	
Red clover seed (pounds) -----	1978-----	—	—	—	—	—	—	—	—	—	
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	
All vegetables harvested for sale (see text) -----	1978-----	1 092	15 214	(X)	330	4 507	894	14 699	(X)	294	4 447
1974-----	931	15 422	(X)	(NA)	(NA)	682	14 731	(X)	227	4 762	
Sweet corn -----	1978-----	670	7 241	(X)	166	1 830	544	6 979	(X)	150	1 806
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	465	7 619	(X)	139	2 067	
Tomatoes -----	1978-----	480	542	(X)	190	233	400	511	(X)	170	218
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	367	646	(X)	158	263	
Green peas excluding cowpeas -----	1978-----	89	82	(X)	27	26	71	76	(X)	25	(D)
1974-----	(NA)	(NA)	(X)	(NA)	(NA)	107	134	(X)	46	91	
Land in orchards -----	1978-----	512	8 556	(X)	38	119	297	7 572	(X)	21	91
1974-----	366	9 366	(X)	(NA)	(NA)	249	8 913	(X)	16	255	
Apples (pounds) -----	1978-----	449	7 695	92 208 721	(NA)	(NA)	269	6 899	91 025 858	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	243	8 302	95 327 544	(NA)	(NA)	
Peaches (pounds) -----	1978-----	188	444	1 447 987	(NA)	(NA)	110	354	1 386 455	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	71	342	1 451 556	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978-----	95	105	49 401	(NA)	(NA)	37	69	42 657	(NA)	(NA)
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	13	36	76 000	(NA)	(NA)	
Berries -----	1978-----	748	11 349	(X)	499	10 352	583	11 055	(X)	420	10 185
1974-----	656	10 754	(X)	(NA)	(NA)	487	10 422	(X)	362	9 707	
Strawberries (pounds) -----	1978-----	263	352	1 570 186	102	189	194	318	1 505 497	81	182
1974-----	(NA)	(NA)	(NA)	(NA)	(NA)	129	226	1 066 265	52	108	
Nursery and greenhouse products -----	1978-----	802	3 291	(X)	307	875	665	3 211	(X)	281	855
Other crops -----	1978-----	35	507	(X)	(NA)	(NA)	31	500	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Forms	945	61 355	(NA)	(NA)	271	27 603	(NA)	(NA)
Average size of farm	(X)	65	(X)	(NA)	(X)	102	(X)	(NA)
Approximate land area	(X)	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Proportion in farms	percent	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Value of land and buildings: ¹								
Average per farm	dollars	93 650	(X)	(NA)	93 988	(X)	(NA)	(X)
Average per acre	dollars		1 442	(X)	(X)	923	(X)	(NA)
Land in farms according to use:								
Total cropland								
Harvested cropland								
By acres harvested:								
1 to 9 acres		246	924	(NA)	31	169	(NA)	(NA)
10 to 19 acres		168	1 869	(NA)	16	168	(NA)	(NA)
20 to 29 acres		47	1 076	(NA)	7	196	(NA)	(NA)
30 to 49 acres		186	6 873	(NA)	53	2 222	(NA)	(NA)
50 to 99 acres		32	2 160	(NA)	8	480	(NA)	(NA)
100 to 199 acres		31	3 362	(NA)	31	3 362	(NA)	(NA)
200 to 499 acres		-	-	(NA)	-	-	(NA)	(NA)
500 to 999 acres		-	-	(NA)	-	-	(NA)	(NA)
1,000 acres or more		-	-	(NA)	-	-	(NA)	(NA)
Cropland used only for pasture		665	15 085	(NA)	174	7 332	(NA)	(NA)
Other cropland		134	2 995	(NA)	72	681	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured		33	177	(NA)	6	54	(NA)	(NA)
Cropland on which all crops failed		6	6	(NA)	3	3	(NA)	(NA)
Cropland in cultivated summer fallow		-	-	(NA)	-	-	(NA)	(NA)
Cropland idle		125	2 812	(NA)	66	624	(NA)	(NA)
Total woodland		601	20 429	(NA)	202	10 882	(NA)	(NA)
Woodland pastured		130	1 279	(NA)	24	144	(NA)	(NA)
Woodland not pastured		524	19 150	(NA)	178	10 738	(NA)	(NA)
Other land		767	6 582	(NA)	217	2 111	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured		47	2 386	(NA)	22	638	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc		759	4 196	(NA)	217	1 473	(NA)	(NA)
Pastureland, all types		736	18 750	(NA)	205	8 114	(NA)	(NA)
Irrigated land		61	188	(NA)	37	140	(NA)	(NA)
Harvested cropland irrigated		61	185	(NA)	37	140	(NA)	(NA)
Pastureland irrigated		3	3	(NA)	-	-	(NA)	(NA)
Other land irrigated		-	-	(X)	-	-	(NA)	(NA)
Land set aside in the federal farm programs in 1978		-	-	(X)	-	-	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	945	2 681	(NA)	(NA)	271	2 192	(NA)	(NA)
Average per farm	(X)	2 838	(X)	(NA)	(X)	8 087	(X)	(NA)
Forms by value of agricultural products sold: ¹								
\$100,000 or more	-	-	(NA)	(NA)	-	-	(NA)	(NA)
\$40,000 to \$99,999	-	-	(NA)	(NA)	-	-	(NA)	(NA)
\$20,000 to \$39,999	22	656	(NA)	(NA)	22	656	(NA)	(NA)
\$10,000 to \$19,999	52	610	(NA)	(NA)	52	610	(NA)	(NA)
\$5,000 to \$9,999	78	480	(NA)	(NA)	78	480	(NA)	(NA)
\$2,500 to \$4,999	119	446	(NA)	(NA)	119	446	(NA)	(NA)
Less than \$2,500 (see text)	674	490	(NA)	(NA)	(X)	(X)	(NA)	(NA)
\$2,000 to \$2,499	21	44	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	85	144	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	175	206	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	393	97	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	-	-	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	350	750	(NA)	(NA)	123	547	(NA)	(NA)
Grains	34	44	(NA)	(NA)	7	21	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Field seeds, hay, forage, and silage	184	310	(NA)	(NA)	70	233	(NA)	(NA)
Vegetables, sweet corn, and melons	124	262	(NA)	(NA)	86	234	(NA)	(NA)
Fruits, nuts, and berries	39	28	(NA)	(NA)	14	23	(NA)	(NA)
Nursery and greenhouse products	53	105	(NA)	(NA)	6	36	(NA)	(NA)
Other crops	24	1	(NA)	(NA)	-	-	(NA)	(NA)
Livestock, poultry, and their products	513	1 931	(NA)	(NA)	186	1 644	(NA)	(NA)
Poultry and poultry products	116	178	(NA)	(NA)	16	152	(NA)	(NA)
Dairy products	31	235	(NA)	(NA)	7	229	(NA)	(NA)
Cattle and calves	258	449	(NA)	(NA)	93	320	(NA)	(NA)
Hogs and pigs	116	376	(NA)	(NA)	77	353	(NA)	(NA)
Sheep, lambs, and wool	60	12	(NA)	(NA)	-	-	(NA)	(NA)
Other livestock and livestock products (see text)	229	681	(NA)	(NA)	101	591	(NA)	(NA)

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms -----	945	(NA)	61 355	710	52 877	16 264	61	4 803	1 240	188
Farms with—										
1 to 9 acres -----	189	(NA)	1 035	102	452	202	7	35	35	14
10 to 49 acres -----	399	(NA)	11 399	294	8 826	3 326	30	736	101	54
50 to 69 acres -----	100	(NA)	6 182	85	5 207	2 294	—	—	—	—
70 to 99 acres -----	59	(NA)	4 641	52	4 130	1 303	—	—	—	—
100 to 139 acres -----	58	(NA)	6 560	58	6 560	1 745	—	—	—	—
140 to 179 acres -----	95	(NA)	14 793	88	13 792	4 032	24	4 032	1 104	120
180 to 219 acres -----	14	(NA)	2 835	—	—	—	—	—	—	—
220 to 259 acres -----	—	(NA)	—	—	—	—	—	—	—	—
260 to 499 acres -----	31	(NA)	13 910	31	13 910	3 362	—	—	—	—
500 to 999 acres -----	—	(NA)	—	—	—	—	—	—	—	—
1,000 to 1,999 acres -----	—	(NA)	—	—	—	—	—	—	—	—
2,000 acres or more -----	—	(NA)	—	—	—	—	—	—	—	—

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

Land in farms	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Harvested cropland -----	710	16 264	(NA)	(NA)	146	6 597	(NA)	(NA)	
Tenure of operator:									
Full owners -----	686	34 526	(NA)	(NA)	186	12 101	(NA)	(NA)	
Harvested cropland -----	505	8 051	(NA)	(NA)	108	2 990	(NA)	(NA)	
Part owners -----	220	24 544	(NA)	(NA)	78	15 201	(NA)	(NA)	
Harvested cropland -----	166	6 880	(NA)	(NA)	31	3 362	(NA)	(NA)	
Tenants -----	39	2 285	(NA)	(NA)	7	301	(NA)	(NA)	
Harvested cropland -----	39	1 333	(NA)	(NA)	7	245	(NA)	(NA)	
Type of organization:									
Individual or family -----	930	59 976	(NA)	(NA)	256	26 224	(NA)	(NA)	
Partnership -----	8	1 344	(NA)	(NA)	8	1 344	(NA)	(NA)	
Corporation -----	7	35	(NA)	(NA)	7	35	(NA)	(NA)	
Other—cooperative, estate or trust, institutional, etc. -----	—	—	(NA)	(NA)	—	—	(NA)	(NA)	
Operators by principal occupation:	All farms		Forms with sales of \$2,500 or more		All farms		Forms with sales of \$2,500 or more		
	1978	1974	1978	1974	1978	1974	1978	1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Farming -----	210	(NA)	77	(NA)	920	(NA)	264	(NA)	
Other -----	735	(NA)	194	(NA)	25	(NA)	7	(NA)	
Operators by age group:					Not reported -----	(NA)	—	(NA)	
Under 25 years -----	22	(NA)	15	(NA)	None -----	190	(NA)	58	(NA)
25 to 34 years -----	76	(NA)	39	(NA)	1 to 49 days -----	31	(NA)	24	(NA)
35 to 44 years -----	337	(NA)	69	(NA)	50 to 99 days -----	—	(NA)	—	(NA)
45 to 54 years -----	211	(NA)	30	(NA)	100 to 149 days -----	29	(NA)	7	(NA)
55 to 64 years -----	150	(NA)	95	(NA)	150 to 199 days -----	21	(NA)	8	(NA)
65 years and over -----	149	(NA)	23	(NA)	200 days or more -----	674	(NA)	174	(NA)
Average age -----	48.7	(NA)	47.0	(NA)					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased-----	400	433	(NA)	(NA)	115	319	(NA)	(NA)
Feed for livestock and poultry-----	690	1 012	(NA)	(NA)	216	595	(NA)	(NA)
Commercially mixed formula feeds-----	517	405	(NA)	(NA)	146	240	(NA)	(NA)
Animal health costs-----	512	124	(NA)	(NA)	165	71	(NA)	(NA)
Seeds, bulbs, plants, and trees-----	325	100	(NA)	(NA)	110	32	(NA)	(NA)
Commercial fertilizer-----	423	212	(NA)	(NA)	163	111	(NA)	(NA)
Other agricultural chemicals including lime-----	531	153	(NA)	(NA)	155	113	(NA)	(NA)
Hired farm labor-----	195	335	(NA)	(NA)	68	103	(NA)	(NA)
Contract labor-----	9	6	(NA)	(NA)	3	2	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment-----	73	14	(NA)	(NA)	8	1	(NA)	(NA)
Energy and petroleum products-----	945	359	(NA)	(NA)	271	213	(NA)	(NA)
Petroleum products-----	945	287	(NA)	(NA)	271	158	(NA)	(NA)
Gasoline-----	830	183	(NA)	(NA)	226	90	(NA)	(NA)
Diesel fuel-----	188	44	(NA)	(NA)	107	40	(NA)	(NA)
LP gas, butane, and propane-----	29	5	(NA)	(NA)	14	3	(NA)	(NA)
Fuel oil-----	52	6	(NA)	(NA)	21	4	(NA)	(NA)
Natural gas-----	56	6	(NA)	(NA)	—	—	(NA)	(NA)
Kerosene, motor oil, and grease-----	945	43	(NA)	(NA)	271	20	(NA)	(NA)
Electricity-----	498	61	(NA)	(NA)	178	43	(NA)	(NA)
Other—coal, wood, coke, etc.-----	30	11	(NA)	(NA)	30	11	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer—						
Cropland fertilized, except pasture—	407	5 577	155	2 547	(NA)	(NA)
Pasture and rangeland fertilized—	368	4 846	116	2 166	(NA)	(NA)
Lime—	79	731	42	381	(NA)	(NA)
Sprays, dusts, granules, fumigants, etc. to control—	335	3 926	140	2 702	(NA)	(NA)
Insects on hay and other crops—	268	2 385	70	1 447	(NA)	(NA)
Nematodes in crops—	23	73	13	63	(NA)	(NA)
Diseases in crops and orchards—	115	1 775	51	1 531	(NA)	(NA)
Weeds, grass, or brush in crops and pasture—	30	89	15	50	(NA)	(NA)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit—	9	45	6	42	(NA)	(NA)
Insect control on livestock and poultry—	289	(X)	83	(X)	(NA)	(X)
Sanitation and rodent and bird control—	194	(X)	66	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms—\$1,000—	945	(NA)	271	(NA)	7	(NA)	7	(NA)
Average per farm—dollars—	6 560	(NA)	3 255	(NA)	24	(NA)	24	(NA)
Farms by value group:	6 942	(NA)	12 010	(NA)	—	—	—	—
\$1 to \$4,999—	248	(NA)	29	(NA)	\$20,000 to \$29,999—			
\$5,000 to \$9,999—	519	(NA)	85	(NA)	\$30,000 to \$49,999—			
\$10,000 to \$19,999—	147	(NA)	126	(NA)	\$50,000 to \$69,999—			
					\$70,000 to \$99,999—			
					\$100,000 to \$199,999—			
					\$200,000 or more—			
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999—								
\$30,000 to \$49,999—								
\$50,000 to \$69,999—								
\$70,000 to \$99,999—								
\$100,000 to \$199,999—								
1978								
1974								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles—	92	106	61	68	38	38	(NA)	(NA)
Motortrucks including pickups—	684	892	402	429	377	463	(NA)	(NA)
Wheel tractors—	722	1 062	130	137	599	925	(NA)	(NA)
Grain and bean combines, self-propelled only—	7	21	—	—	7	21	(NA)	(NA)
Corn heads for combines—	—	—	—	—	—	—	(NA)	(NA)
Other cornpickers and picker-shellers—	—	—	—	—	—	—	(NA)	(NA)
Cottonpickers—	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners—	96	96	37	37	59	59	(NA)	(NA)
Pickup balers—	168	168	24	24	144	144	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type—	93	93	24	24	69	69	(NA)	(NA)

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms—	195	92	(X)	109	(X)	68	(NA)
Workers—	527	(X)	275	(X)	252	159	(NA)
Farms with—							
1 worker—	24	—	—	24	24	7	(NA)
2 workers—	55	7	14	48	96	55	(NA)
3 or 4 workers—	103	85	261	30	90	—	(NA)
5 to 9 workers—	13	—	—	7	42	6	(NA)
10 workers or more—	—	—	—	—	—	—	(NA)

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

All forms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	790	(X)	(NA)	209	(X)	(NA)	(NA)
Any cattle, hogs, or sheep	551	(X)	(NA)	146	(X)	(NA)	(NA)
Sales:							
Any livestock or poultry and their products	513	1 931	(NA)	186	1 644	(NA)	(NA)
Any cattle, hogs, or sheep	321	838	(NA)	131	673	(NA)	(NA)
CATTLE AND CALVES							
Inventory:							
Cattle and calves	526	5 275	(NA)	132	3 000	(NA)	(NA)
Cows and heifers that had calved	459	3 299	(NA)	118	2 170	(NA)	(NA)
Beef cows	401	2 856	(NA)	103	1 950	(NA)	(NA)
Milk cows	200	443	(NA)	31	220	(NA)	(NA)
Heifers and heifer calves	282	854	(NA)	22	114	(NA)	(NA)
Steers, steer calves, bulls and bull calves	212	1 122	(NA)	54	716	(NA)	(NA)
Sales:							
Cattle and calves	258	2 078	(NA)	93	1 437	(NA)	(NA)
\$1,000	(X)	449	(X)	(X)	320	(X)	(NA)
Calves	199	886	(NA)	71	558	(NA)	(NA)
Cattle	(X)	130	(X)	(X)	106	(X)	(NA)
\$1,000	198	1 192	(NA)	85	879	(NA)	(NA)
Fattened cattle	(X)	319	(X)	(X)	214	(X)	(NA)
Dairy products	29	158	(NA)	7	70	(NA)	(NA)
\$1,000	(X)	65	(X)	(X)	42	(X)	(NA)
HOGS, SHEEP, GOATS, AND HORSES	31	235	(NA)	7	229	(NA)	(NA)
Inventory:							
Hogs and pigs	281	5 040	(NA)	85	2 899	(NA)	(NA)
Used or to be used for breeding	84	691	(NA)	62	517	(NA)	(NA)
Other hogs and pigs	274	4 349	(NA)	85	2 382	(NA)	(NA)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	108	857	(NA)	69	652	(NA)	(NA)
Dec. 1 of preceding year and May 31	94	614	(NA)	62	416	(NA)	(NA)
June 1 and Nov. 30	76	243	(NA)	69	236	(NA)	(NA)
Sheep and lambs	92	638	(NA)	8	72	(NA)	(NA)
Ewes 1 year old or older	85	530	(NA)	8	40	(NA)	(NA)
Goats	77	510	(NA)	23	75	(NA)	(NA)
Horses and ponies	481	2 464	(NA)	133	613	(NA)	(NA)
Sales:							
Hogs and pigs	116	5 541	(NA)	77	4 784	(NA)	(NA)
\$1,000	(X)	376	(X)	(X)	353	(X)	(NA)
Feeder pigs	74	2 375	(NA)	46	2 074	(NA)	(NA)
Sheep and lambs	(X)	75	(X)	(X)	67	(X)	(NA)
Sheep and lambs shorn	54	300	(NA)	—	—	(NA)	(NA)
Pounds of wool	60	544	(NA)	—	—	(NA)	(NA)
Sheep, lambs, and wool	(X)	3 579	(X)	(X)	—	(X)	(NA)
Goats	60	12	(NA)	—	—	(NA)	(NA)
\$1,000	22	239	(NA)	7	14	(NA)	(NA)
Horses and ponies	(X)	7	(X)	(X)	(Z)	(X)	(NA)
\$1,000	162	346	(NA)	94	208	(NA)	(NA)
(X)	660	(X)	(NA)	(X)	590	(X)	(NA)
POULTRY							
Inventory:							
Any poultry	351	(X)	(NA)	31	(X)	(NA)	(NA)
Chickens 3 months old or older	259	46 830	(NA)	31	36 411	(NA)	(NA)
Hens and pullets of laying age	253	32 357	(NA)	31	24 411	(NA)	(NA)
Pullets 3 months old or older	138	14 473	(NA)	8	12 000	(NA)	(NA)
Pullet chicks and pullets under 3 months old	—	—	(NA)	—	—	(NA)	(NA)
Broilers and other meat-type chickens	60	855	(NA)	16	208	(NA)	(NA)
Turkeys	119	1 377	(NA)	8	32	(NA)	(NA)
Turkeys for slaughter	119	1 377	(NA)	8	32	(NA)	(NA)
Turkey hens kept for breeding	—	—	(NA)	—	—	(NA)	(NA)
Other poultry	246	(X)	(NA)	8	(X)	(NA)	(X)
Sales:							
Any poultry	74	(X)	(NA)	16	(X)	(NA)	(NA)
Chickens 3 months old or older	46	22 708	(NA)	8	21 600	(NA)	(NA)
Hens and pullets of laying age	22	22 468	(NA)	8	21 600	(NA)	(NA)
Pullets 3 months old or older	24	240	(NA)	—	—	(NA)	(NA)
Pullet chicks and pullets under 3 months old	—	—	(NA)	—	—	(NA)	(NA)
Broilers and other meat-type chickens	8	600	(NA)	8	600	(NA)	(NA)
Turkeys	8	160	(NA)	8	160	(NA)	(NA)
Turkeys for slaughter	8	160	(NA)	8	160	(NA)	(NA)
Turkey hens kept for breeding	—	—	(NA)	—	—	(NA)	(NA)
Other poultry	14	(X)	(NA)	—	(X)	(NA)	(X)
Poultry and poultry products	116	178	(NA)	16	152	(NA)	(NA)

Table 10. Crops: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more					
	Harvested			Irrigated			Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978	111	1 151	(X)	10	23	41	862	(X)	-	-	-
For grain or seed (bushels)-----	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)-----	1978	58	277	19 340	3	9	10	73	6 740	-	-	-
For silage or green chop (tons, green)-----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For fodder, hogged or grazed -----	1978	53	874	12 022	7	14	31	789	11 031	-	-	-
For fodder, hogged or grazed -----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sorghums for all purposes -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	-
For grain or seed (bushels)-----	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)-----	1978	-	-	-	-	-	-	-	-	-	-	-
Cut for dry forage or hay (tons, dry) -----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hogged or grazed -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	-
Hogged or grazed -----	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
Wheat for grain (bushels)-----	1978	-	-	-	-	-	-	-	-	-	-	-
Oats for grain (bushels)-----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barley for grain (bushels)-----	1978	-	-	-	-	-	-	-	-	-	-	-
Rye for grain (bushels)-----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other small grains for grain -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	-
Soybeans for beans (bushels)-----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts (pounds) -----	1978	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-
Cotton (bales) -----	1978	-	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-	-
Irish potatoes (hundredweight) -----	1978	36	26	984	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes (bushels) -----	1978	-	-	(NA)	-	-	-	-	-	-	-	-
Hay crops (tons, dry) (see text) -----	1978	558	14 188	18 249	(NA)	(NA)	(NA)	(NA)	5 148	9 806	-	-
Alfalfa hay (tons, dry) -----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text) -----	1978	75	625	1 092	-	-	8	80	320	-	-	-
Field seed crops -----	1978	-	-	(X)	-	-	-	-	125	4 823	8 961	-
Alfalfa seed (pounds) -----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Red clover seed (pounds) -----	1978	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All vegetables harvested for sale (see text) -----	1978	124	403	(X)	51	150	86	357	(X)	37	140	(NA)
Sweet corn -----	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
Tomatoes -----	1978	89	200	(X)	31	27	51	171	(X)	24	24	(NA)
Green peas excluding cowpeas -----	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
Land in orchards -----	1978	86	445	(X)	7	10	14	203	(X)	-	-	-
Apples (pounds) -----	1978	55	361	932 875	(NA)	(NA)	(NA)	(NA)	7	161	924 000	(NA)
Peaches (pounds) -----	1978	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978	46	38	46 221	(NA)	(NA)	(NA)	(NA)	7	11	46 200	(NA)
Berries -----	1978	22	7	4 228	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Strawberries (pounds) -----	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products -----	1978	53	8	(X)	(NA)	(NA)	(NA)	(NA)	6	3	(X)	(NA)
Other crops -----	1978	-	-	(X)	(NA)	(NA)	(NA)	(NA)	-	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Forms	117	4 162	102	4 495	87	3 372	65	3 618
Average size of farm	(X)	36	(X)	44	(X)	39	(X)	56
Approximate land area	(X)	251 520	(X)	251 584	(X)	251 520	(X)	251 584
Proportion in farms percent	(X)	1.7	(X)	1.8	(X)	1.3	(X)	1.4
Value of land and buildings: ¹								
Average per farm dollars	136 201	(X)	120 235	(X)	137 637	(X)	149 431	(X)
Average per acre dollars	3 272		2 728		3 538		2 685	
Land in farms according to use:								
Total cropland	113	1 537	101	1 897	85	1 253	64	1 638
Harvested cropland	111	1 163	98	1 435	85	965	61	1 228
By acres harvested:								
1 to 9 acres	82	(D)	63	(NA)	57	(D)	28	(NA)
10 to 19 acres	14	202	12	(NA)	14	202	12	(NA)
20 to 29 acres	7	162	12	(NA)	7	162	11	(NA)
30 to 49 acres	6	199	5	(NA)	6	199	5	(NA)
50 to 99 acres	-	-	4	(NA)	-	-	3	(NA)
100 to 199 acres	2	(D)	2	(NA)	1	(D)	2	(NA)
200 to 499 acres	-	-	-	(NA)	-	-	-	(NA)
500 to 999 acres	-	-	-	(NA)	-	-	-	(NA)
1,000 acres or more	-	-	-	(NA)	-	-	-	(NA)
Cropland used only for pasture	10	(D)	15	257	7	(D)	10	210
Other cropland	29	158	13	205	21	99	12	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	8	18	(NA)	(NA)	8	18	6	152
Cropland on which all crops failed	7	20	(NA)	(NA)	3	5	1	(D)
Cropland in cultivated summer fallow	3	18	(NA)	(NA)	3	18	-	-
Cropland idle	16	102	(NA)	(NA)	11	58	7	41
Total woodland	39	1 545	37	1 397	29	1 230	26	950
Woodland pastured	5	68	(NA)	(NA)	3	(D)	3	122
Woodland not pastured	36	1 477	(NA)	(NA)	28	(D)	23	828
Other land	85	(D)	69	1 201	63	889	44	1 030
Pastureland and rangeland, other than cropland and woodland pastured	5	(D)	(NA)	(NA)	1	(D)	6	112
Land in house lots, ponds, roads, wasteland, etc.	82	(D)	(NA)	(NA)	62	(D)	44	918
Pastureland, all types	15	(D)	(NA)	(NA)	9	311	(NA)	444
Irrigated land	74	781	68	931	59	740	49	892
Harvested cropland irrigated	74	774	(NA)	(NA)	59	(D)	49	888
Pastureland irrigated	1	(D)	(NA)	(NA)	-	-	(NA)	4
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	-	-
Land set aside in the federal farm programs in 1978	-	-	(X)	(X)	-	-	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	117	2 048	102	2 051	87	1 984	65	1 995
Average per farm dollars	(X)	17 502	(X)	20 108	(X)	22 806	(X)	30 692
Forms by value of agricultural products sold: ¹								
\$100,000 or more	2	(D)	4	(NA)	2	(D)	4	(NA)
\$40,000 to \$99,999	12	692	7	(NA)	12	692	7	(NA)
\$20,000 to \$39,999	14	(D)	10	(NA)	14	(D)	10	(NA)
\$10,000 to \$19,999	11	148	13	(NA)	11	148	13	(NA)
\$5,000 to \$9,999	28	198	16	(NA)	28	198	16	(NA)
\$2,500 to \$4,999	20	73	15	(NA)	20	73	15	(NA)
Less than \$2,500 (see text)	29	38	36	(NA)	(X)	(X)	-	(NA)
\$2,000 to \$2,499	7	16	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	7	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	7	9	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	8	2	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	104	1 973	97	1 934	83	(D)	(NA)	1 897
Grains	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Vegetables, sweet corn, and melons	19	112	(NA)	(NA)	17	(D)	10	103
Fruits, nuts, and berries	69	1 275	(NA)	(NA)	52	1 253	37	629
Nursery and greenhouse products	30	517	24	1 080	27	511	22	(D)
Other crops	5	(D)	(NA)	(NA)	5	60	6	68
Livestock, poultry, and their products	29	(D)	15	116	18	44	7	97
Poultry and poultry products	11	16	5	5	2	2	(D)	(D)
Dairy products	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Cattle and calves	9	(D)	(NA)	(NA)	5	(D)	3	8
Hogs and pigs	5	2	(NA)	(NA)	2	(D)	-	-
Sheep, lambs, and wool	7	(D)	(NA)	(NA)	3	(D)	-	-
Other livestock and livestock products (see text)	18	39	(NA)	(NA)	13	35	3	8

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms -----	117	102	4 162	111	3 959	1 163	74	2 776	813	781
Farms with -----										
1 to 9 acres -----	43	35	185	39	173	86	24	114	60	60
10 to 49 acres -----	51	40	1 026	50	990	377	36	710	304	284
50 to 69 acres -----	7	3	416	7	416	65	4	229	50	38
70 to 99 acres -----	6	6	505	6	505	156	4	333	108	108
100 to 139 acres -----	2	11	(D)	2	(D)	(D)	2	(D)	(D)	(D)
140 to 179 acres -----	5	3	775	4	620	75	2	(D)	(D)	(D)
180 to 219 acres -----	1	1	(D)	1	(D)	(D)	-	-	-	-
220 to 259 acres -----	-	2		-	(D)	(D)	-	(D)	(D)	(D)
260 to 499 acres -----	1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)
500 to 999 acres -----	1	-	(D)	1	(D)	(D)	1	(D)	(D)	(D)
1,000 to 1,999 acres -----	-	-	-	-	-	-	-	-	-	-
2,000 acres or more -----	-	-	-	-	-	-	-	-	-	-

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms -----	117	4 162	102	4 495	87	3 372	65	3 618	
Harvested cropland -----	111	1 163	98	1 435	85	965	61	1 228	
Tenure of operator:									
Full owners -----	88	2 926	90	3 281	65	2 432	54	2 514	
Harvested cropland -----	84	567	(NA)	793	63	524	(NA)	678	
Part owners -----	23	1 093	9	1 007	17	(D)	8	(D)	
Harvested cropland -----	21	536	(NA)	561	17	(D)	(NA)	469	
Tenants -----	6	143	3	207	5	(D)	3	(D)	
Harvested cropland -----	6	60	(NA)	81	5	(D)	(NA)	81	
Type of organization:									
Individual or family -----	104	3 352	(NA)	(NA)	75	2 747	52	2 655	
Partnership -----	3	34	(NA)	(NA)	3	(D)	3	71	
Corporation -----	7	196	(NA)	(NA)	7	196	7	746	
Other—cooperative, estate or trust, institutional, etc. -----	3	580	(NA)	(NA)	2	(D)	3	146	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming -----	74	42	63	35	73	56	50	33	
Other -----	43	49	24	20	28	22	21	16	
Operators by age group:									
Under 25 years -----	1	1	1	1	16	13	16	6	
25 to 34 years -----	11	8	9	4	54	23	42	14	
35 to 44 years -----	26	5	18	5	11	4	8	2	
45 to 54 years -----	18	23	15	13	4	2	3	2	
55 to 64 years -----	30	26	24	16	100 to 149 days -----	1	4	8	
65 years and over -----	31	28	20	16	150 to 199 days -----	7	13	4	
Average age -----	54.0	56.1	53.1	55.6	200 days or more -----	32	34	21	17

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

(1978 data are based on a sample of farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased-----	20	13	11	5	16	3	3	4
Feed for livestock and poultry-----	33	24	24	66	29	19	11	49
Commercially mixed formula feeds-----	13	8	21	56	12	(D)	9	40
Animal health costs-----	19	4	(NA)	(NA)	12	2	4	2
Seeds, bulbs, plants, and trees-----	46	49	35	87	42	48	26	86
Commercial fertilizer-----	83	47	80	59	69	39	56	55
Other agricultural chemicals including lime-----	82	49	63	43	74	48	44	42
Hired farm labor-----	45	337	52	572	39	320	42	569
Contract labor-----	31	79	19	65	26	78	14	61
Customwork, machine hire, and rental of machinery and equipment-----	20	16	22	14	20	16	19	13
Energy and petroleum products-----	115	175	(NA)	(NA)	93	162	(NA)	(NA)
Petroleum products-----	113	151	92	79	91	140	62	74
Gasoline-----	108	91	(NA)	(NA)	86	85	60	45
Diesel fuel-----	6	1	(NA)	(NA)	5	(D)	7	6
LP gas, butane, and propane-----	14	4	(NA)	(NA)	13	(D)	23	3
Fuel oil-----	14	32	(NA)	(NA)	8	30		
Natural gas-----	6	4	(NA)	(NA)	6	4	62	20
Kerosene, motor oil, and grease-----	113	17	(NA)	(NA)	91	16		
Electricity-----	55	24	(NA)	(NA)	41	22	(NA)	(NA)
Other—coal, wood, coke, etc.-----	4	(Z)	(NA)	(NA)	4	(Z)	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	81	955	67	795	56	902
Cropland fertilized, except pasture	81	(D)	67	795	(NA)	902
Pasture and rangeland fertilized	1	(D)	—	—	(NA)	—
Lime	21	133	17	97	6	99
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	59	750	57	(D)	(NA)	627
Nematodes in crops	6	38	6	38	—	—
Diseases in crops and orchards	40	523	33	514	15	289
Weeds, grass, or brush in crops and pasture	26	339	25	(D)	(NA)	482
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	—	—	—	—	1	(D)
Insect control on livestock and poultry	6	(X)	5	(X)	(X)	(X)
Sanitation and rodent and bird control	4	(X)	4	(X)	(NA)	(X)

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

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

1978 data are based on a sample of farms; see text.							
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974		1978	1974
ALL MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment	117	96	95	62	ALL MACHINERY AND EQUIPMENT—Con.		
\$1,000 forms	2 146	1 361	1 899	1 067	Estimated market value of all machinery and equipment—Con.		
Average per farm dollars	18 346	14 177	19 992	17 210	\$20,000 to \$29,999	10	6
Farms by value group:					\$30,000 to \$49,999	10	5
\$1 to \$4,999	19	17	15	9	\$50,000 to \$69,999	5	1
\$5,000 to \$9,999	38	32	24	16	\$70,000 to \$99,999	4	3
\$10,000 to \$19,999	31	32	31	23	\$100,000 to \$199,999	—	—
					\$200,000 or more	—	—
1978							
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT							
Automobiles	68	91	34	37	44	54	58
Motortrucks including pickups	109	215	72	92	71	123	81
Wheel tractors	67	109	23	25	46	84	67
Grain and bean combines, self-propelled only	—	—	—	—	—	—	—
Corn heads for combines	6	6	—	—	6	6	—
Other cornpickers and picker-shellers	5	5	—	—	5	5	4
Cottonpickers	—	—	—	—	—	(NA)	(NA)
Mower conditioners	11	18	3	3	11	15	11
Pickup balers	6	(D)	1	(D)	5	(D)	3
Field forage harvesters, shear bar or flywheel type	11	34	1	(D)	10	(D)	2

Table 8. Hired Farm Workers: 1978 and 1974

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

Hired workers—All farms, 1978						Any hired workers— Farms with sales of \$2,500 or more	
	Working 150 days or more		Working less than 150 days		1978	1974	
	Any	Farms	Workers	Farms	Workers		
Farms	45	25	(X)	43	(X)	39	42
Workers	252	(X)	55	(X)	197	230	553
Farms with—							
1 worker	10	13	13	8	8	10	6
2 workers	2	4	8	5	10	-	9
3 or 4 workers	14	6	(D)	13	39	13	9
5 to 9 workers	10	2	(D)	9	54	7	9
10 workers or more	9	-	-	8	86	9	11

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	38	(X)	19	(X)	24	(X)	11
Any cattle, hogs, or sheep	15	(X)	17	(X)	8	(X)	9
Sales:							
Any livestock or poultry and their products	29	75	15	116	18	44	7
Any cattle, hogs, or sheep	11	11	6	(NA)	6	8	3
CATTLE AND CALVES							
Inventory:							
Cattle and calves	11	(D)	6	134	7	(D)	4
Cows and heifers that had calved	9	(D)	6	104	6	(D)	4
Beef cows	8	(D)	3	14	5	(D)	1
Milk cows	4	30	4	90	3	(D)	3
Heifers and heifer calves	7	(D)	(NA)	(NA)	5	(D)	3
Steers, steer calves, bulls and bull calves	8	(D)	(NA)	(NA)	4	(D)	19
Sales:							
Cattle and calves	9	(D)	4	51	5	(D)	3
Calves	8	(X)	29	(NA)	5	(D)	(X)
Cattle	3	(X)	(D)	(NA)	1	(D)	1
Fattened cattle	~	(X)	~	(NA)	(X)	(D)	3
Dairy products	2	(D)	(NA)	(NA)	~	(D)	2
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	8	43	6	16	5	23	6
Used or to be used for breeding	3	5	(NA)	(NA)	3	5	~
Other hogs and pigs	7	38	(NA)	(NA)	4	18	6
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	4	9	~	~	3	(D)	~
Dec. 1 of preceding year and May 31	1	(D)	~	~	1	(D)	~
June 1 and Nov. 30	4	(D)	~	~	3	(D)	~
Sheep and lambs	7	(D)	7	39	3	(D)	~
Ewes 1 year old or older	7	90	(NA)	(NA)	3	(D)	~
Goats	6	(D)	(NA)	(NA)	1	(D)	1
Horses and ponies	8	153	10	26	6	(D)	5
Sales:							
Hogs and pigs	5	30	~	~	2	(D)	~
Feeder pigs	2	(X)	(X)	(NA)	1	(D)	~
Sheep and lambs	3	(D)	(X)	(NA)	2	(D)	~
Sheep and lambs shorn	7	(D)	(NA)	(NA)	3	(D)	~
Pounds of wool	(X)	(D)	(X)	(X)	(X)	(D)	~
Sheep, lambs, and wool	7	(D)	(NA)	(NA)	3	(D)	~
Goats	3	38	(NA)	(NA)	2	(D)	1
Horses and ponies	6	28	1	(D)	4	(D)	(Z)
	(X)	25	(X)	(NA)	(X)	(D)	(D)
POULTRY							
Inventory:							
Any poultry	22	(X)	10	(X)	13	(X)	6
Chickens 3 months old or older	22	1 933	10	1 023	13	355	(X)
Hens and pullets of laying age	21	(D)	10	1 020	13	355	6
Pullets 3 months old or older	2	(D)	(NA)	(NA)	~	~	153
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	~
Broilers and other meat-type chickens	5	237	~	~	1	(D)	~
Turkeys	2	(D)	(NA)	(NA)	1	(D)	~
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	~
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	~
Other poultry	4	(X)	(NA)	(X)	2	(X)	2
Sales:							
Any poultry	4	(X)	2	(X)	2	(X)	~
Chickens 3 months old or older	3	(D)	2	(D)	1	(D)	(X)
Hens and pullets of laying age	3	(D)	2	(D)	1	(D)	~
Pullets 3 months old or older	~	~	(NA)	(NA)	~	~	~
Pullet chicks and pullets under 3 months old	~	~	(NA)	(NA)	~	~	~
Broilers and other meat-type chickens	~	~	~	~	~	~	~
Turkeys	1	(D)	(NA)	(NA)	~	~	~
Turkeys for slaughter	1	(D)	(NA)	(NA)	~	~	~
Turkey hens kept for breeding	~	~	(NA)	(NA)	~	~	~
Other poultry	~	(X)	(NA)	(X)	~	(X)	~
Poultry and poultry products	11	16	5	5	5	2	(D)

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	4	24	(X)	1	(D)	2	(D)	(X)	1	(D)
For grain or seed (bushels)	1974	1	(D)	(X)	(NA)	-	-	-	(X)	-	-
For silage or green chop (tons, green)	1974	-	-	(D)	(NA)	-	-	-	-	-	-
For fodder, hogged or grazed	1978	3	(D)	(D)	1	(D)	2	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Sorghums for all purposes	1978	-	-	(X)	-	-	-	-	(X)	-	-
For grain or seed (bushels)	1974	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
For silage or green chop (tons, green)	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Cut for dry forage or hay (tons, dry)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed	1978	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
Oats for grain (bushels)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
Barley for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
Rye for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
Other small grains for grain	1978	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels)	1978	-	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)	1978	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight)	1978	4	(D)	(D)	-	-	2	(D)	(D)	-	-
	1974	13	71	14 729	(NA)	(NA)	6	65	13 455	3	11
Sweetpotatoes (bushels)	1978	-	-	-	-	-	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	7	238	501	1	(D)	5	(D)	(D)	1	(D)
	1974	10	260	521	(NA)	(NA)	3	142	282	1	(D)
Alfalfa hay (tons, dry)	1978	1	(D)	(D)	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	-	-
Other tame dry hay (tons, dry) (see text)	1978	6	152	363	1	(D)	5	(D)	(D)	1	(D)
Field seed crops	1978	-	-	(X)	-	-	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Alfalfa seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text)	1978	19	97	(X)	9	39	17	(D)	(X)	9	39
	1974	16	126	(X)	(NA)	(NA)	10	119	(X)	9	107
Sweet corn	1978	5	35	(X)	4	20	5	35	(X)	4	20
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	71	(X)	8	63
Tomatoes	1978	9	4	(X)	4	2	8	(D)	(X)	4	2
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	2	(X)	5	2
Green peas excluding cowpeas	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	2	-
Land in orchards	1978	9	25	(X)	3	(D)	7	(D)	(X)	2	(D)
	1974	6	17	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Apples (pounds)	1978	8	19	(D)	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	4	(D)	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	2	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
Berries	1978	71	731	(X)	62	716	50	687	(X)	47	684
	1974	66	651	(X)	(NA)	(NA)	40	591	(X)	38	590
Strawberries (pounds)	1978	9	9	(D)	6	8	5	(D)	(D)	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	1	(D)
Nursery and greenhouse products	1978	30	85	(X)	13	15	27	82	(X)	11	(D)
Other crops	1978	3	5	(X)	(NA)	(NA)	3	5	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	318	71 215	305	73 110	219	57 915	197	57 591
Average size of farm	(X)	224	(X)	240	(X)	264	(X)	292
Approximate land area	(X)	602 240	(X)	601 920	(X)	602 240	(X)	601 920
Proportion in farms	percent	(X)	11.8	(X)	12.1	(X)	9.6	9.6
Value of land and buildings: ¹								
Average per farm	dollars	206 552	(X)	169 249	(X)	249 796	(X)	212 756
Average per acre	dollars	(X)	987	(X)	706	(X)	1 086	728
Land in farms according to use:								
Total cropland		311	34 524	293	31 442	215	30 434	193
Harvested cropland		296	24 294	277	21 199	208	22 181	19 142
By acres harvested:								
1 to 9 acres		47	153	43	(NA)	22	50	19
10 to 19 acres		31	439	31	(NA)	13	188	14
20 to 29 acres		23	532	30	(NA)	7	163	10
30 to 49 acres		56	2 094	34	(NA)	34	1 290	18
50 to 99 acres		55	3 888	67	(NA)	49	3 518	56
100 to 199 acres		50	6 878	47	(NA)	50	(D)	47
200 to 499 acres		31	8 549	23	(NA)	30	(D)	23
500 to 999 acres		3	1 761	2	(NA)	3	1 761	2
1,000 acres or more		—	—	—	(NA)	—	—	(NA)
Cropland used only for pasture		183	9 381	166	9 543	132	7 793	111
Other cropland		57	849	30	700	33	460	14
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured		15	161	(NA)	(NA)	10	106	8
Cropland on which all crops failed		6	71	(NA)	(NA)	4	(D)	3
Cropland in cultivated summer fallow		13	50	(NA)	(NA)	7	(D)	1
Cropland idle		29	567	(NA)	(NA)	15	282	8
Total woodland		239	28 240	222	32 420	165	20 715	141
Woodland pastured		96	5 202	(NA)	(NA)	74	4 006	70
Woodland not pastured		206	23 038	(NA)	(NA)	141	16 709	112
Other land		218	8 451	226	9 248	149	6 766	147
Pastureland and rangeland, other than cropland and woodland pastured		70	5 055	(NA)	(NA)	53	4 014	61
Land in house lots, ponds, roads, wasteland, etc		201	3 396	(NA)	(NA)	137	2 752	140
Pastureland, all types		231	19 638	(NA)	(NA)	166	15 813	(NA)
Irrigated land		12	79	10	56	12	79	9
Harvested cropland irrigated		12	79	(NA)	(NA)	12	79	(D)
Pastureland irrigated		—	—	(NA)	(NA)	—	—	(NA)
Other land irrigated		—	—	(NA)	(NA)	—	—	—
Land set aside in the federal farm programs in 1978		2	(D)	(X)	(X)	2	(D)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	318	13 289	305	10 506	219	13 167	197	10 356
Average per farm	(X)	41 788	(X)	34 446	(X)	60 124	(X)	52 569
Forms by value of agricultural products sold: ¹								
\$100,000 or more	44	8 113	31	(NA)	44	8 113	31	(NA)
\$40,000 to \$99,999	55	3 590	55	(NA)	55	3 590	55	(NA)
\$20,000 to \$39,999	29	827	32	(NA)	29	827	32	(NA)
\$10,000 to \$19,999	20	273	26	(NA)	20	273	26	(NA)
\$5,000 to \$9,999	35	235	26	(NA)	35	235	26	(NA)
\$2,500 to \$4,999	36	129	16	(NA)	36	129	16	(NA)
Less than \$2,500 (see text)	98	(D)	118	(NA)	(X)	(X)	11	(NA)
\$2,000 to \$2,499	19	41	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	10	18	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	23	28	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	46	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal forms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	148	1 850	171	1 594	105	1 798	(NA)	1 522
Grains	9	(D)	(NA)	(NA)	9	(D)	7	10
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	86	432	(NA)	(NA)	58	402	74	579
Vegetables, sweet corn, and melons	48	224	(NA)	(NA)	32	211	21	202
Fruits, nuts, and berries	22	321	(NA)	(NA)	15	318	15	196
Nursery and greenhouse products	28	740	19	488	24	734	18	(D)
Other crops	5	(D)	(NA)	(NA)	5	(D)	8	(D)
Livestock, poultry, and their products	230	11 439	234	8 779	171	11 369	166	8 705
Poultry and poultry products	25	1 134	35	887	14	1 131	21	883
Dairy products	110	9 041	(NA)	(NA)	108	(D)	108	7 136
Cattle and calves	196	1 116	(NA)	(NA)	153	1 069	151	635
Hogs and pigs	24	24	(NA)	(NA)	12	16	14	7
Sheep, lambs, and wool	14	11	(NA)	(NA)	7	8	6	2
Other livestock and livestock products (see text)	24	113	(NA)	(NA)	15	(D)	10	41

¹1974 data include sales of forest products.

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

Forms	1978									
	Acres in farms	Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
1978	1974									
All farms	318	305	71 215	296	69 321	24 294	12	213	135	79
Farms with—										
1 to 9 acres	30	20	118	26	105	63	8	26	16	11
10 to 49 acres	36	33	968	32	868	403	3	(D)	(D)	(D)
50 to 69 acres	16	9	916	13	766	458	—	—	—	—
70 to 99 acres	22	17	1 895	19	1 622	707	—	—	—	—
100 to 139 acres	36	38	4 316	33	3 981	1 451	1	(D)	(D)	(D)
140 to 179 acres	29	35	4 561	27	4 278	1 321	—	—	—	—
180 to 219 acres	26	23	5 166	25	4 966	1 777	—	—	—	—
220 to 259 acres	18	24	4 329	17	4 089	945	—	—	—	—
260 to 499 acres	71	74	25 231	70	24 931	9 319	—	—	—	—
500 to 999 acres	29	26	17 933	29	17 933	6 246	—	—	—	—
1,000 to 1,999 acres	5	6	5 782	5	5 782	1 604	—	—	—	—
2,000 acres or more	—	—	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	318	71 215	305	73 110	219	57 915	197	57 591	
Harvested cropland	296	24 294	277	21 199	208	22 181	189	19 142	
Tenure of operator:									
Full owners	179	32 320	191	38 701	104	21 214	98	24 798	
Harvested cropland	161	7 466	(NA)	7 228	95	6 030	(NA)	5 511	
Part owners	123	37 235	105	33 552	102	35 086	94	32 016	
Harvested cropland	119	16 009	(NA)	13 593	100	15 343	(NA)	13 263	
Tenants	16	1 660	9	857	13	1 615	5	777	
Harvested cropland	16	819	(NA)	378	13	808	(NA)	368	
Type of organization:									
Individual or family	267	54 637	(NA)	(NA)	176	42 962	173	49 231	
Partnership	34	11 983	(NA)	(NA)	28	(D)	18	7 689	
Corporation	16	(D)	(NA)	(NA)	15	(D)	6	671	
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	—	—	—	—	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	208	192	181	156	Operators by place of residence:				
Other	110	106	38	35	On farm operated	256	250	182	172
Operators by age group:					Not on farm operated	34	23	20	11
Under 25 years	2	3	1	2	Not reported	28	25	17	8
25 to 34 years	27	13	19	10	Operators reporting days of work off farm:				
35 to 44 years	60	58	45	36	None	166	134	135	113
45 to 54 years	74	85	48	59	1 to 49 days	19	11	16	7
55 to 64 years	92	85	61	50	50 to 99 days	14	18	8	3
65 years and over	63	54	45	34	100 to 149 days	9	9	8	3
Average age	52.7	53.7	52.8	53.5	150 to 199 days	13	17	6	8
					200 days or more	86	73	36	22

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	109	475	120	541	91	464	79	521
Feed for livestock and poultry	247	4 042	239	3 252	163	3 939	171	3 197
Commercially mixed formula feeds	206	3 604	209	3 055	147	3 577	165	3 023
Animal health costs	134	142	(NA)	(NA)	120	140	138	105
Seeds, bulbs, plants, and trees	152	207	187	155	142	205	134	152
Commercial fertilizer	223	539	199	434	167	505	151	422
Other agricultural chemicals including lime	150	135	139	85	124	133	112	82
Hired farm labor	146	1 414	160	1 163	143	1 409	139	1 147
Contract labor	12	42	10	10	11	(D)	8	(D)
Customwork, machine hire, and rental of machinery and equipment	51	42	73	43	50	(D)	64	40
Energy and petroleum products	320	762	(NA)	(NA)	216	720	(NA)	(NA)
Petroleum products	320	516	305	362	216	480	197	334
Gasoline	296	253	(NA)	(NA)	198	224	194	191
Diesel fuel	117	82	(NA)	(NA)	103	(D)	106	52
LP gas, butane, and propane	10	10	(NA)	(NA)	10	10	14	8
Fuel oil	43	107	(NA)	(NA)	41	(D)	—	—
Natural gas	—	—	(NA)	(NA)	—	—	197	82
Kerosene, motor oil, and grease	320	64	(NA)	(NA)	216	59	(NA)	(NA)
Electricity	181	238	(NA)	(NA)	130	232	(NA)	(NA)
Other—coal, wood, coke, etc.	22	8	(NA)	(NA)	22	8	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	211	12,697	161	12,126	151	11,664
Posture and rangeland fertilized	211	11,556	161	11,006	(NA)	10,116
Lime	38	1,141	31	1,120	(NA)	1,548
Sprays, dusts, granules, fumigants, etc. to control—	75	2,453	55	2,332	40	1,365
Insects on hay and other crops	44	2,317	44	2,317	(NA)	1,643
Nematodes in crops	6	864	6	864	—	—
Diseases in crops and orchards	14	529	14	529	11	171
Weeds, grass, or brush in crops and pasture	94	5,100	81	4,997	(NA)	3,722
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	2	(D)	3	261
Insect control on livestock and poultry	70	(X)	63	(X)	21	(X)
Sanitation and rodent and bird control	48	(X)	47	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—								
farms	320	305	216	197	73	46	39	33
\$1,000 dollars	8,529	6,542	7,216	5,340	41	41	39	37
Average per farm	26,653	21,449	33,407	27,107	24	12	24	12
\$1 to \$4,999	15	47	8	20	8	8	8	8
\$5,000 to \$9,999	104	56	50	24	13	17	13	16
\$10,000 to \$19,999	40	86	33	55	2	—	2	—
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	—	—	—	—	—	—	—	—
\$30,000 to \$49,999	—	—	—	—	—	—	—	—
\$50,000 to \$69,999	—	—	—	—	—	—	—	—
\$70,000 to \$99,999	—	—	—	—	—	—	—	—
\$100,000 to \$199,999	—	—	—	—	—	—	—	—
\$200,000 or more	—	—	—	—	—	—	—	—
ALL MACHINERY AND EQUIPMENT—Con.								
1978								
All farms								
Farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Number		Farms	Number	Farms	Number			
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	218	288	84	97	145	191	224	322
Motortrucks including pickups	274	505	87	93	237	412	249	435
Wheel tractors	285	777	62	132	268	645	283	713
Grain and bean combines, self-propelled only	8	8	—	—	8	8	3	1
Corn heads for combines	5	5	—	—	5	5	10	18
Other cornpickers and picker-shellers	11	11	2	(D)	9	(D)	12	12
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	166	170	81	82	87	88	114	128
Pickup balers	221	233	41	41	183	192	171	175
Field forage harvesters, shear bar or flywheel type	81	99	26	26	64	71	93	103

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	146	105	(X)	103	(X)	143	139
Workers	732	(X)	281	(X)	451	729	796
Farms with—							
1 worker	19	32	32	16	16	16	22
2 workers	29	32	64	31	62	29	30
3 or 4 workers	54	26	88	30	97	54	43
5 to 9 workers	32	14	(D)	22	118	32	25
10 workers or more	12	1	(D)	4	158	12	19

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	254	(X)	248	(X)	176	(X)	167	(X)
Any cattle, hogs, or sheep	226	(X)	215	(X)	166	(X)	151	(X)
Sales:								
Any livestock or poultry and their products	230	11 439	234	8 779	171	11 369	166	8 705
Any cattle, hogs, or sheep	206	1 151	209	(NA)	157	1 092	153	644
CATTLE AND CALVES								
Inventory:								
Cattle and calves	215	13 592	209	14 235	160	12 763	149	13 179
Cows and heifers that had calved	194	8 098	190	8 435	144	7 665	141	7 963
Beef cows	93	802	76	966	51	429	36	571
Milk cows	136	7 296	142	7 469	118	7 236	126	7 392
Heifers and heifer calves	181	4 871	(NA)	(NA)	144	4 661	134	4 727
Steers, steer calves, bulls and bull calves	140	623	(NA)	(NA)	98	437	101	489
Sales:								
Cattle and calves	196	5 864	203	5 530	153	5 606	151	5 221
\$1,000	(X)	1 116	(X)	(NA)	(X)	1 069	(X)	635
Calves	154	3 693	(NA)	(NA)	129	3 534	130	3 405
Cattle	166	2 171	(NA)	(NA)	136	2 072	145	1 816
Fattened cattle	19	98	(NA)	(NA)	(X)	859	(X)	515
Dairy products	\$1,000	(X)	39	(X)	(NA)	11	69	62
	\$1,000	110	9 041	(NA)	(NA)	108	(D)	108
								7 136
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	50	488	42	277	31	383	25	180
Used or to be used for breeding	13	95	(NA)	(NA)	7	78	11	26
Other hogs and pigs	46	393	(NA)	(NA)	29	305	24	154
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	15	72	15	41	8	55	11	32
Dec. 1 of preceding year and May 31	15	(D)	6	12	8	(D)	3	(D)
June 1 and Nov. 30	5	(D)	11	29	5	(D)	10	(D)
Sheep and lambs	15	243	15	341	8	133	7	161
Ewes 1 year old or older	10	153	(NA)	(NA)	5	84	5	96
Goats	8	30	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	78	350	72	317	46	206	39	175
Sales:								
Hogs and pigs	24	345	22	399	12	207	14	266
\$1,000	(X)	24	(X)	(NA)	(X)	16	(X)	7
Feeder pigs	10	175	8	131	7	110	4	55
Sheep and lambs	12	211	10	355	7	144	5	115
Sheep and lambs shorn	13	261	(NA)	(NA)	6	171	2	(D)
Pounds of wool	(X)	1 354	(X)	(NA)	(X)	884	(X)	(D)
Sheep, lambs, and wool	14	11	(NA)	(NA)	7	8	6	2
Goats	2	(D)	(NA)	(NA)	1	(D)	—	—
Horses and ponies	13	56	9	88	8	48	7	(D)
	\$1,000	(X)	35	(X)	(NA)	(X)	33	(X)
								12
POULTRY								
Inventory:								
Any poultry	55	(X)	44	(X)	32	(X)	26	(X)
Chickens 3 months old or older	49	88 611	42	74 173	27	87 922	24	72 991
Hens and pullets of laying age	49	(D)	42	71 107	27	(D)	24	70 205
Pullets 3 months old or older	3	(D)	(NA)	(NA)	2	(D)	3	2 775
Pullet chicks and pullets under 3 months old	4	157	(NA)	(NA)	2	(D)	—	(D)
Broilers and other meat-type chickens	12	145	4	1 144	5	73	2	(D)
Turkeys	3	(D)	(NA)	(NA)	2	(D)	—	—
Turkeys for slaughter	3	(D)	(NA)	(NA)	2	(D)	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	13	(X)	(NA)	(X)	5	(X)	2	(X)
Sales:								
Any poultry	18	(X)	26	(X)	9	(X)	19	(X)
Chickens 3 months old or older	8	101 203	22	59 225	7	(D)	17	58 995
Hens and pullets of laying age	8	101 203	22	59 225	7	(D)	17	58 995
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—	—
Broilers and other meat-type chickens	4	(D)	6	2 370	1	(D)	4	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	5	(X)	(NA)	(X)	1	(X)	—	(X)
Poultry and poultry products	\$1,000	25	1 134	35	887	14	1 131	21
								883

Table 10. Crops: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more					
	Harvested			Irrigated			Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	98	6 127	(X)	—		94	6 044	(X)	—	—	
	1974	99	5 042	(X)	(NA)	(NA)	93	4 987	(X)	—	—	
For grain or seed (bushels)	1978	16	581	56 495	—		15	(D)	(D)	—	—	
	1974	13	352	26 470	(NA)	(NA)	13	352	26 470	—	—	
For silage or green chop (tons, green)	1978	92	5 546	92 050	—		89	(D)	91 320	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	87	4 635	77 717	—	—	
For fodder, hogged or grazed	1978	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Sorghums for all purposes	1978	3	23	(X)	—		3	23	(X)	—	—	
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	—	—	
For grain or seed (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
For silage or green chop (tons, green)	1978	3	23	(D)	(NA)	(NA)	3	23	(D)	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	—	—	
Cut for dry forage or hay (tons, dry)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Hogged or grazed	1978	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Wheat for grain (bushels)	1978	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	—	—	
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	—	—	
Oats for grain (bushels)	1978	10	214	12 025	—		9	(D)	(D)	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	157	7 366	—	—	
Barley for grain (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Rye for grain (bushels)	1978	1	(D)	(D)	(NA)	(NA)	3	13	740	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—	
Other small grains for grain	1978	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Soybeans for beans (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
Peanuts for nuts (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
Cotton (bales)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
Tobacco (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
Irish potatoes (hundredweight)	1978	7	(D)	(D)	1	(D)	6	(D)	(D)	—	—	(D)
	1974	10	43	8 690	(NA)	(NA)	6	41	8 520	—	—	
Sweetpotatoes (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	
Hay crops (tons, dry) (see text)	1978	246	18 264	36 973	—		169	16 246	34 040	—	—	
	1974	222	16 041	32 500	(NA)	(NA)	151	14 139	30 106	—	—	
Alfalfa hay (tons, dry)	1978	86	3 521	8 476	—		68	3 254	8 178	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	57	2 050	5 211	—	—	
Other tame dry hay (tons, dry) (see text)	1978	167	9 929	19 809	—		118	8 862	18 011	—	—	
Field seed crops	1978	—	—	(X)	—	—	—	—	(X)	—	—	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Alfalfa seed (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
Red clover seed (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	
All vegetables harvested for sale (see text)	1978	48	409	(X)	4	49	32	368	(X)	4	49	
	1974	31	326	(X)	(NA)	(NA)	21	288	(X)	2	(D)	
Sweet corn	1978	39	303	(X)	2	(D)	27	273	(X)	2	(D)	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	204	(X)	2	—	
Tomatoes	1978	13	10	(X)	3	(D)	10	9	(X)	3	(D)	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	5	(X)	2	(D)	
Green peas excluding cowpeas	1978	4	(D)	(X)	—	—	1	(D)	(X)	—	—	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	—	—	
Land in orchards	1978	26	205	(X)	1	(D)	13	169	(X)	1	(D)	
	1974	23	133	(X)	(NA)	(NA)	13	107	(X)	—	—	
Apples (pounds)	1978	23	191	2 154 356	(NA)	(NA)	12	160	2 150 956	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	102	1663	143	(NA)	(NA)	
Peaches (pounds)	1978	1	(D)	—	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(NA)	(NA)	
Grapes (pounds) (see text)	1978	3	1	(D)	(NA)	(NA)	—	—	—	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	
Berries	1978	13	11	(X)	2	(D)	8	8	(X)	2	(D)	
	1974	15	52	(X)	(NA)	(NA)	7	32	(X)	—	—	
Strawberries (pounds)	1978	11	7	34 610	1	(D)	6	6	28 560	1	(D)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	7	23 800	—	—	
Nursery and greenhouse products	1978	28	111	(X)	8	(D)	24	105	(X)	8	(D)	
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)	

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	554	45 408	511	42 074	410	38 028	382	35 273
Average size of farm	(X)	82	(X)	82	(X)	93	(X)	92
Approximate land area	(X)	354 560	(X)	354 624	(X)	354 560	(X)	354 624
Proportion in farms percent	(X)	12.8	(X)	11.9	(X)	10.7	(X)	9.9
Value of land and buildings: ¹								
Average per farm	171 916	(X)	104 820	(X)	202 445	(X)	119 272	(X)
Average per acre	2 010		1 273		1 986		1 292	
Land in farms according to use:								
Total cropland	500	24 119	450	20 270	371	21 280	330	17 125
Harvested cropland	461	15 774	422	14 901	348	14 238	320	13 336
By acres harvested:								
1 to 9 acres	159	688	123	(NA)	103	434	74	(NA)
10 to 19 acres	93	1 237	90	(NA)	64	870	62	(NA)
20 to 29 acres	51	1 146	45	(NA)	38	852	36	(NA)
30 to 49 acres	59	2 178	65	(NA)	48	1 819	53	(NA)
50 to 99 acres	68	4 680	68	(NA)	64	4 418	64	(NA)
100 to 199 acres	24	3 340	30	(NA)	24	3 340	30	(NA)
200 to 499 acres	6	(D)	~	(NA)	6	(D)	~	(NA)
500 to 999 acres	~	~	~	(NA)	~	~	~	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	214	6 149	164	3 999	145	5 109	95	2 931
Other cropland	114	2 196	69	1 370	88	1 933	42	858
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	42	589	(NA)	(NA)	27	407	8	45
Cropland on which all crops failed	13	61	(NA)	(NA)	11	(D)	9	127
Cropland in cultivated summer fallow	14	396	(NA)	(NA)	13	(D)	8	386
Cropland idle	57	1 150	(NA)	(NA)	46	(D)	22	300
Total woodland	300	13 840	253	13 122	208	10 290	181	10 487
Woodland pastured	75	2 764	(NA)	(NA)	53	2 363	58	1 960
Woodland not pastured	265	11 076	(NA)	(NA)	185	7 927	147	8 527
Other land	391	7 449	365	8 682	282	6 458	282	7 661
Pastureland and rangeland, other than cropland and woodland pastured	64	2 583	(NA)	(NA)	44	2 134	57	3 449
Land in house lots, ponds, roads, wasteland, etc	372	4 866	(NA)	(NA)	271	4 324	266	4 212
Pastureland, all types	261	11 496	(NA)	(NA)	179	9 606	(NA)	8 340
Irrigated land	113	1 423	109	1 631	100	1 396	99	1 581
Harvested cropland irrigated	112	1 406	(NA)	(NA)	100	(D)	99	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	~	~	(NA)	~
Other land irrigated	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	12	175	(X)	(X)	9	156	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	554	19 657	511	15 657	410	19 437	382	15 454
Average per farm	(X)	35 482	(X)	30 640	(X)	47 407	(X)	40 455
Farms by value of agricultural products sold: ¹								
\$100,000 or more	43	10 300	29	(NA)	43	10 300	29	(NA)
\$40,000 to \$99,999	83	5 463	82	(NA)	83	5 463	82	(NA)
\$20,000 to \$39,999	68	1 894	79	(NA)	68	1 894	79	(NA)
\$10,000 to \$19,999	66	955	67	(NA)	66	955	67	(NA)
\$5,000 to \$9,999	76	559	55	(NA)	76	559	55	(NA)
\$2,500 to \$4,999	74	267	61	(NA)	74	267	61	(NA)
Less than \$2,500 (see text)	143	(D)	137	(NA)	(X)	(X)	9	(NA)
\$2,000 to \$2,499	25	54	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	28	48	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	43	52	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	47	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	322	8 307	304	5 297	258	8 210	(NA)	5 205
Grains	1	(D)	(NA)	(NA)	~	~	3	3
Commodity Credit Corporation loans	~	~	(NA)	(NA)	~	~	(NA)	(NA)
Cotton and cottonseed	~	~	(NA)	(NA)	~	~	~	~
Commodity Credit Corporation loans	~	~	(NA)	(NA)	~	~	(NA)	(NA)
Tobacco	~	~	(NA)	(NA)	~	~	~	~
Field seeds, hay, forage, and silage	107	358	(NA)	(NA)	67	(D)	55	257
Vegetables, sweet corn, and melons	155	2 218	(NA)	(NA)	140	2 196	119	1 751
Fruits, nuts, and berries	64	758	(NA)	(NA)	50	741	52	740
Nursery and greenhouse products	75	4 831	66	2 207	68	4 819	57	2 189
Other crops	18	(D)	(NA)	(NA)	16	(D)	19	265
Livestock, poultry, and their products	303	11 350	285	10 324	221	11 227	206	10 214
Poultry and poultry products	61	1 655	52	2 409	45	1 643	41	2 372
Dairy products	93	6 825	(NA)	(NA)	90	6 802	100	5 838
Cattle and calves	201	1 806	(NA)	(NA)	153	1 752	144	1 004
Hogs and pigs	64	769	(NA)	(NA)	47	758	39	871
Sheep, lambs, and wool	31	15	(NA)	(NA)	10	10	4	1
Other livestock and livestock products (see text)	54	280	(NA)	(NA)	33	262	19	128

¹1974 data include sales of forest products.

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

Farms	1978							
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land	
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms
All farms	554	511	45 408	461	42 347	15 774	113	7 884
Farms with —								2 675
1 to 9 acres	91	70	356	55	244	155	21	88
10 to 49 acres	207	178	5 401	170	4 500	1 992	46	1 239
50 to 69 acres	59	65	3 341	50	2 821	1 229	13	732
70 to 99 acres	57	63	4 652	52	4 227	1 507	9	741
100 to 139 acres	57	59	6 668	54	6 325	2 562	9	1 022
140 to 179 acres	23	21	3 624	23	3 624	1 641	5	770
180 to 219 acres	18	18	3 544	17	3 344	1 485	2	(D)
220 to 259 acres	9	7	2 115	8	1 895	837	—	—
260 to 499 acres	25	22	8 339	24	7 999	1 971	7	2 316
500 to 999 acres	5	7	3 628	5	3 628	975	1	(D)
1,000 to 1,999 acres	3	1	3 740	3	3 740	1 420	—	—
2,000 acres or more	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	554	45 408	511	42 074	410	38 028	382	35 273	
Harvested cropland	461	15 774	422	14 901	348	14 238	320	13 336	
Tenure of operator:									
Full owners	332	19 200	313	19 281	224	14 215	230	14 902	
Harvested cropland	262	4 376	(NA)	5 878	178	3 339	(NA)	5 212	
Part owners	158	22 009	139	15 820	133	20 239	102	13 813	
Harvested cropland	149	9 523	(NA)	7 159	127	9 145	(NA)	6 358	
Tenants	64	4 199	59	6 973	53	3 574	50	6 558	
Harvested cropland	50	1 875	(NA)	1 863	43	1 754	(NA)	1 766	
Type of organization:									
Individual or family	479	33 723	(NA)	(NA)	350	27 308	327	25 323	
Partnership	45	4 054	(NA)	(NA)	35	3 800	25	3 146	
Corporation	22	5 881	(NA)	(NA)	21	(D)	29	6 724	
Other—cooperative, estate or trust, institutional, etc.	8	1 750	(NA)	(NA)	4	1 044	1	(D)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	317	312	278	278	426	347	312	249	
Other	237	168	132	74	79	57	68	44	
Operators by age group:					49	76	30	59	
Under 25 years	10	6	5	4	Operators by place of residence:				
25 to 34 years	61	55	45	35	On farm operated				
35 to 44 years	99	59	70	39	426	347	312	249	
45 to 54 years	122	139	92	103	Not on farm operated				
55 to 64 years	161	136	129	107	79	57	68	44	
65 years and over	101	85	69	64	Not reported				
Average age	51.7	53.1	51.9	53.8	49	76	30	59	
Operators reporting days of work off farm:									
None	244	197	211	170					
1 to 49 days	22	14	15	11					
50 to 99 days	10	16	6	12					
100 to 149 days	27	9	20	7					
150 to 199 days	31	15	22	15					
200 days or more	198	132	118	55					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	211	1 704	181	1 596	147	1 671	139	1 565
Feed for livestock and poultry	275	4 009	289	4 219	204	3 945	202	4 137
Commercially mixed formula feeds	168	2 951	247	3 398	144	2 915	187	3 327
Animal health costs	211	96	(NA)	(NA)	163	91	136	82
Seeds, bulbs, plants, and trees	318	1 322	292	605	247	1 309	245	595
Commercial fertilizer	442	663	355	563	343	641	282	538
Other agricultural chemicals including lime	398	281	261	190	330	271	211	184
Hired farm labor	306	2 783	241	1 896	254	2 753	210	1 856
Contract labor	39	64	22	56	34	62	15	52
Customwork, machine hire, and rental of machinery and equipment	84	81	71	64	57	60	51	61
Energy and petroleum products	549	1 440	(NA)	(NA)	412	1 401	(NA)	(NA)
Petroleum products	549	1 102	484	741	412	1 070	376	717
Gasoline	530	497	(NA)	(NA)	393	473	365	362
Diesel fuel	159	147	(NA)	(NA)	143	146	102	51
LPG gas, butane, and propane	40	12	(NA)	(NA)	34	(D)	70	48
Fuel oil	133	362	(NA)	(NA)	127	362		
Natural gas	8	12	(NA)	(NA)	7	(D)	376	255
Kerosene, motor oil, and grease	549	72	(NA)	(NA)	412	67	(NA)	(NA)
Electricity	368	322	(NA)	(NA)	298	315	(NA)	(NA)
Other—coal, wood, coke, etc.	38	16	(NA)	(NA)	38	16	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	432	14,546	338	13,908	282	10,253
Pasture and rangeland fertilized	420	12,434	336	11,831	(NA)	9,353
Lime	70	2,112	55	2,077	(NA)	900
Sprays, dusts, granules, fumigants, etc. to control—	181	4,293	141	4,135	65	1,407
Insects on hay and other crops	178	3,487	144	3,341	(NA)	2,964
Nematodes in crops	15	395	14	(D)	3	104
Diseases in crops and orchards	97	1,395	71	1,312	24	370
Weeds, grass, or brush in crops and pasture	197	4,777	165	4,610	(NA)	3,806
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	12	126	12	126	2	(D)
Insect control on livestock and poultry	150	(X)	128	(X)	29	(X)
Sanitation and rodent and bird control	140	(X)	109	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—forms								
\$1,000								
Average per farm	554	486	412	366	71	65	71	54
Farms by value group:	12,083	8,022	11,274	6,846	44	58	44	55
\$1 to \$4,999	21,811	16,506	27,364	18,705	19	11	19	10
\$5,000 to \$9,999	84	100	48	65	23	22	20	10
\$10,000 to \$19,999	143	118	43	70	20	10	20	10
	150	124	145	102	\$200,000 or more	~	~	~
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999								
Manufactured 1974 to 1978								
1978								
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Farms	Number	Farms	Number	Farms	Number	Forms	Number	1970 to 1974
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	331	492	135	160	240	332	327	425
Motortrucks including pickups	476	986	150	204	395	782	430	844
Wheel tractors	474	1,119	49	66	464	1,053	409	953
Grain and bean combines, self-propelled only	~	~	~	~	~	~	2	(D)
Corn heads for combines	2	(D)	1	(D)	1	(D)	16	20
Other cornpickers and picker-shellers	1	(D)	1	(D)	~	~	3	3
Cottonpickers	~	~	~	~	~	~	(NA)	(NA)
Mower conditioners	76	120	12	12	64	108	81	90
Pickup balers	110	148	11	41	102	107	123	130
Field forage harvesters, shear bar or flywheel type	107	144	29	30	96	114	85	97

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Working 150 days or more		Working less than 150 days				
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	306	129	(X)	267	(X)	254	210
Workers	2,269	(X)	458	1,811	1,946	1,569	1,569
Farms with—							
1 worker	67	55	55	49	49	57	53
2 workers	37	22	44	48	96	21	30
3 or 4 workers	75	27	89	66	230	75	51
5 to 9 workers	70	18	106	58	394	70	37
10 workers or more	57	7	164	46	1,042	31	39

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	336	(X)	301	(X)	233	(X)	209	(X)
Any cattle, hogs, or sheep	271	(X)	250	(X)	190	(X)	175	(X)
Sales:								
Any livestock or poultry and their products	\$1,000	303	11 350	285	10 324	221	11 227	206
Any cattle, hogs, or sheep	\$1,000	242	2 590	225	(NA)	179	2 520	167
CATTLE AND CALVES								
Inventory:								
Cattle and calves	233	9 977	220	10 789	166	9 309	152	9 966
Cows and heifers that had calved	194	6 662	181	7 348	141	6 380	132	6 997
Beef cows	106	1 095	89	1 064	62	866	50	774
Milk cows	123	5 567	125	6 284	106	5 514	105	6 223
Heifers and heifer calves	158	1 918	(NA)	(NA)	109	1 697	94	1 793
Steers, steer calves, bulls and bull calves	161	1 397	(NA)	(NA)	110	1 232	104	1 176
Sales:								
Cattle and calves	\$1,000	201	6 489	189	6 257	153	6 217	144
Cattle	\$1,000	(X)	1 806	(X)	(X)	1 752	(X)	1 004
Calves	\$1,000	134	2 948	(NA)	(NA)	102	2 801	111
Cattle	\$1,000	(X)	230	(X)	(X)	215	(X)	136
Fattened cattle	\$1,000	159	3 541	(NA)	(NA)	120	3 416	123
Dairy products	\$1,000	44	1 168	(NA)	(NA)	29	1 124	20
Cattle and calves	\$1,000	(X)	591	(X)	(NA)	(X)	578	(X)
Dairy products	\$1,000	93	6 825	(NA)	(NA)	90	6 802	100
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	93	9 685	67	8 830	63	9 453	52	8 632
Used or to be used for breeding	47	1 298	(NA)	(NA)	34	1 249	21	863
Other hogs and pigs	85	8 387	(NA)	(NA)	57	8 204	52	7 769
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	49	1 554	30	1 083	35	1 506	22	1 041
Dec. 1 of preceding year and May 31	43	780	27	528	32	754	21	514
June 1 and Nov. 30	39	774	26	555	30	752	19	527
Sheep and lambs	39	466	29	304	15	202	8	63
Ewes 1 year old or older	33	308	(NA)	(NA)	11	129	8	44
Goats	24	318	(NA)	(NA)	10	249	1	(D)
Horses and ponies	84	461	70	522	51	301	32	363
Sales:								
Hogs and pigs	\$1,000	64	11 123	48	11 585	47	10 930	39
Feeder pigs	\$1,000	(X)	769	(X)	(NA)	(X)	758	(X)
Sheep and lambs	\$1,000	21	4 581	10	792	17	4 470	4
Sheep and lambs shorn	\$1,000	(X)	142	(X)	(NA)	(X)	139	(X)
Pounds of wool	\$1,000	25	253	16	75	8	162	4
Sheep, lambs, and wool	\$1,000	29	397	(NA)	(NA)	8	196	3
Goats	\$1,000	31	15	(NA)	(NA)	10	10	1
Horses and ponies	\$1,000	(X)	11	268	(NA)	(NA)	216	(D)
Dairy products	\$1,000	20	56	25	163	14	43	15
Poultry and poultry products	\$1,000	(X)	98	(X)	(NA)	(X)	95	(X)
POULTRY								
Inventory:								
Any poultry	103	(X)	74	(X)	64	(X)	49	(X)
Chickens 3 months old or older	82	147 970	70	153 441	49	144 846	45	150 754
Hens and pullets of laying age	79	130 038	70	137 382	48	127 111	45	134 932
Pullets 3 months old or older	14	17 932	(NA)	(NA)	7	17 735	3	15 500
Pullet chicks and pullets under 3 months old	11	22 316	(NA)	(NA)	5	20 615	2	(D)
Broilers and other meat-type chickens	13	6 538	5	9 020	4	5 227	3	(D)
Turkeys	13	2 431	(NA)	(NA)	7	2 260	1	(D)
Turkeys for slaughter	11	(D)	(NA)	(NA)	6	(D)	1	(D)
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	44	(X)	(NA)	(X)	23	(X)	4	(X)
Sales:								
Any poultry	\$1,000	59	(X)	38	(X)	42	(X)	34
Chickens 3 months old or older	\$1,000	40	146 880	33	224 972	31	142 415	29
Hens and pullets of laying age	\$1,000	38	(D)	32	126 632	29	(D)	28
Pullets 3 months old or older	\$1,000	3	(D)	(NA)	2	(D)	2	(D)
Pullet chicks and pullets under 3 months old	\$1,000	2	(D)	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	\$1,000	6	(D)	4	13 900	2	(D)	4
Turkeys	\$1,000	10	2 609	(NA)	(NA)	5	(D)	2
Turkeys for slaughter	\$1,000	10	(D)	(NA)	(NA)	5	(D)	2
Turkey hens kept for breeding	\$1,000	1	(D)	(NA)	(NA)	—	—	—
Other poultry	\$1,000	14	(X)	(NA)	(X)	5	(X)	1
Poultry and poultry products	\$1,000	61	1 655	52	2 409	45	1 643	41

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Forms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978	116	4 956	(X)	6	59	98	4 835	(X)	4	(D)
1974	109	3 791	(X)	(NA)	(NA)	96	3 724	(X)	3	60	
For grain or seed (bushels) -----	1978	8	(D)	7 260	1	(D)	5	101	6 390	1	(D)
1974	6	22	956	(NA)	(NA)	4	(D)	(D)	-	-	
For silage or green chop (tons, green) -----	1978	111	4 820	77 158	5	58	96	4 734	75 837	3	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	92	(D)	52 717	3	60	
For fodder, hogged or grazed -----	1978	1	(D)	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Sorghums for all purposes -----	1978	3	(D)	(X)	-	-	3	20	(X)	-	
1974	3	43	(X)	(NA)	(NA)	3	43	(X)	-	-	
For grain or seed (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
For silage or green chop (tons, green) -----	1978	3	(D)	230	-	-	3	20	230	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	43	301	-	-	
Cut for dry forage or hay (tons, dry) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Hogged or grazed -----	1978	-	--	(X)	-	-	-	-	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Wheat for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	-	-	
Oats for grain (bushels) -----	1978	1	(D)	(D)	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Barley for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Rye for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Other small grains for grain -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Soybeans for beans (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Peanuts for nuts (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Cotton (bales) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Tobacco (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Irish potatoes (hundredweight) -----	1978	19	213	38 152	6	(D)	17	(D)	(D)	5	(D)
1974	29	301	53 957	(NA)	(NA)	23	293	52 733	9	89	
Sweetpotatoes (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Hay crops (tons, dry) (see text) -----	1978	254	8 136	16 660	2	(D)	168	6 800	14 842	1	(D)
1974	206	7 103	16 419	(NA)	(NA)	129	5 716	14 416	3	47	
Alfalfa hay (tons, dry) -----	1978	102	2 125	5 661	1	(D)	75	1 767	5 077	1	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	51	1 233	3 608	1	(D)	
Other tame dry hay (tons, dry) (see text) -----	1978	153	3 656	6 193	1	(D)	100	2 942	5 254	-	-
Field seed crops -----	1978	1	(D)	(X)	-	-	1	(D)	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	-	-	
Alfalfa seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Red clover seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
All vegetables harvested for sale (see text) -----	1978	155	2 513	(X)	50	780	140	2 486	(X)	48	(D)
1974	140	2 860	(X)	(NA)	(NA)	121	2 795	(X)	50	812	
Sweet corn -----	1978	88	915	(X)	21	209	79	898	(X)	21	209
1974	(NA)	(NA)	(X)	(NA)	(NA)	77	1 205	(X)	23	192	
Tomatoes -----	1978	64	77	(X)	21	25	60	76	(X)	20	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	80	172	(X)	34	53	
Green peas excluding cowpeas -----	1978	14	16	(X)	1	(D)	11	14	(X)	1	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	16	13	(X)	6	4	
Land in orchards -----	1978	28	198	(X)	5	21	16	148	(X)	3	(D)
1974	20	201	(X)	(NA)	(NA)	16	184	(X)	1	(D)	
Apples (pounds) -----	1978	24	133	1 059 008	(NA)	(NA)	13	98	1 000 700	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	127	667 510	(NA)	(NA)	
Peaches (pounds) -----	1978	18	44	(D)	(NA)	(NA)	12	33	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	32	285 250	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978	9	11	4 674	(NA)	(NA)	7	(D)	4 674	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	
Berries -----	1978	56	311	(X)	36	292	46	300	(X)	30	282
1974	46	434	(X)	(NA)	(NA)	39	424	(X)	33	419	
Strawberries (pounds) -----	1978	31	26	131 143	12	13	25	24	122 696	10	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	9	47 666	6	6	
Nursery and greenhouse products -----	1978	75	264	(X)	34	183	68	261	(X)	32	(D)
Other crops -----	1978	5	9	(X)	(NA)	(NA)	5	9	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	53	11 782	22	9 116	29	8 038	12	8 032
Average size of farm	(X)	222	(X)	414	(X)	277	(X)	669
Approximate land area	(X)	66 560	(X)	66 496	(X)	66 560	(X)	66 496
Proportion in farms	percent	17.7		13.7		12.1		12.1
Value of land and buildings: ¹								
Average per farm	dollars	411 351	(X)	356 727	(X)	440 471	(X)	406 667
Average per acre	dollars		1 850		861		1 589	
Land in farms according to use:								
Total cropland	53	2 021	22	786	29	1 317	12	452
Harvested cropland	50	1 014	22	418	28	782	12	350
By acres harvested:								
1 to 9 acres	22	59	11	(NA)	11	30	4	(NA)
10 to 19 acres	12	152	5	(NA)	5	69	4	(NA)
20 to 29 acres	8	(D)	4	(NA)	6	(D)	2	(NA)
30 to 49 acres	2	(D)	—	(NA)	1	(D)	—	(NA)
50 to 99 acres	5	(D)	1	(NA)	4	(D)	1	(NA)
100 to 199 acres	—	—	1	(NA)	—	—	1	(NA)
200 to 499 acres	1	(D)	—	(NA)	1	(D)	—	(NA)
500 to 999 acres	—	—	—	(NA)	—	—	—	(NA)
1,000 acres or more	—	—	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	19	(D)	13	350	9	468	4	92
Other cropland	15	160	4	18	7	(D)	2	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	8	(D)	(NA)	(NA)	3	26	1	(D)
Cropland on which all crops failed	3	(D)	(NA)	(NA)	3	(D)	—	—
Cropland in cultivated summer fallow	1	(D)	(NA)	(NA)	—	—	—	—
Cropland idle	5	65	(NA)	(NA)	2	(D)	2	(D)
Total woodland	34	6 551	16	4 877	21	5 063	8	4 531
Woodland pastured	6	(D)	(NA)	(NA)	4	56	1	(D)
Woodland not pastured	29	(D)	(NA)	(NA)	18	5 007	7	(D)
Other land	36	3 210	21	3 453	22	1 658	12	3 049
Pastureland and rangeland, other than cropland and woodland pastured	9	1 450	(NA)	(NA)	2	(D)	3	1 173
Land in house lots, ponds, roads, wasteland, etc	31	1 760	(NA)	(NA)	21	(D)	11	1 876
Pastureland, all types	27	2 943	(NA)	(NA)	12	658	(NA)	1 665
Irrigated land	10	(D)	4	49	8	(D)	3	(D)
Harvested cropland irrigated	9	(D)	(NA)	(NA)	8	(D)	3	(D)
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	—
Other land irrigated	1	(D)	(NA)	(NA)	—	—	—	—
Land set aside in the federal farm programs in 1978	—	—	(X)	(X)	—	—	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	53	363	22	164	29	327	12	155
Average per farm	(X)	6 848	(X)	7 455	(X)	11 288	(X)	12 917
Forms by value of agricultural products sold: ¹								
\$100,000 or more	—	—	—	(NA)	—	—	—	(NA)
\$40,000 to \$99,999	1	(D)	1	(NA)	1	(D)	1	(NA)
\$20,000 to \$39,999	3	65	1	(NA)	3	65	1	(NA)
\$10,000 to \$19,999	6	84	2	(NA)	6	84	2	(NA)
\$5,000 to \$9,999	12	83	4	(NA)	12	83	4	(NA)
\$2,500 to \$4,999	7	(D)	3	(NA)	7	(D)	3	(NA)
Less than \$2,500 (see text)	23	35	11	(NA)	(X)	(X)	1	(NA)
\$2,000 to \$2,499	6	13	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	6	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	8	9	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	3	1	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	—	(NA)	(X)	(X)	(X)	(X)
Crops	41	235	15	121	25	212	(NA)	118
Grains	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	14	32	(NA)	(NA)	8	24	2	(D)
Vegetables, sweet corn, and melons	19	(D)	(NA)	(NA)	16	109	4	49
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Nursery and greenhouse products	14	(D)	7	51	7	70	6	(D)
Other crops	3	2	(NA)	(NA)	3	2	1	(D)
Livestock, poultry, and their products	30	128	15	41	17	116	5	36
Poultry and poultry products	11	6	4	1	7	4	3	(D)
Dairy products	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Cattle and calves	20	(D)	(NA)	(NA)	14	42	3	6
Hogs and pigs	6	14	(NA)	(NA)	4	(D)	1	(Z)
Sheep, lambs, and wool	6	13	(NA)	(NA)	3	(D)	3	7
Other livestock and livestock products (see text)	5	19	(NA)	(NA)	2	(D)	—	—

¹1974 data include sales of forest products.

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

Farms	1978								
			Acres in farms	Farms with harvested cropland			Farms with irrigated land		
	1978	1974		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland
All farms	53	22	11 782	50	11 505	1 014	10	(D)	(D)
Farms with—									
1 to 9 acres	8	2	(D)	8	(D)	(D)	2	(D)	(D)
10 to 49 acres	13	6	305	13	(D)	(D)	4	(D)	(D)
50 to 69 acres	6	3	(D)	5	(D)	(D)	3	165	74
70 to 99 acres	3	—	(D)	3	(D)	(D)	—	—	—
100 to 139 acres	9	4	(D)	7	(D)	(D)	—	—	—
140 to 179 acres	6	2	903	6	903	20	—	—	—
180 to 219 acres	1	3	(D)	1	(D)	(D)	—	—	—
220 to 259 acres	2	—	(D)	2	(D)	(D)	—	—	—
260 to 499 acres	3	—	1 110	3	1 110	366	1	(D)	(D)
500 to 999 acres	—	—	—	1	(D)	(D)	—	—	—
1,000 to 1,999 acres	1	1	(D)	1	(D)	(D)	—	—	—
2,000 acres or more	1	1	(D)	1	(D)	(D)	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	53	11 782	22	9 116	29	8 038	12	8 032	
Harvested cropland	50	1 014	22	418	28	782	12	350	
Tenure of operator:									
Full owners	34	9 544	19	8 774	17	(D)	11	(D)	
Harvested cropland	32	(D)	(NA)	395	17	244	(NA)	331	
Part owners	14	(D)	2	(D)	11	(D)	—	—	
Harvested cropland	13	(D)	(NA)	4	10	(D)	(NA)	—	
Tenants	5	243	1	(D)	1	(D)	1	(D)	
Harvested cropland	5	48	(NA)	19	1	(D)	(NA)	19	
Type of organization:									
Individual or family	44	3 726	(NA)	(NA)	25	2 341	7	354	
Partnership	4	(D)	(NA)	(NA)	1	(D)	1	(D)	
Corporation	1	(D)	(NA)	(NA)	1	(D)	2	(D)	
Other—cooperative, estate or trust, institutional, etc.	4	7 607	(NA)	(NA)	2	(D)	2	(D)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	23	9	18	4	42	16	24	6	
Other	30	9	11	4	8	1	3	1	
Operators by age group:					3	1	2	1	
Under 25 years	—	—	—	—	Operators by place of residence:				
25 to 34 years	7	1	2	—	On farm operated	—	—	—	
35 to 44 years	6	6	2	3	Not on farm operated	—	—	—	
45 to 54 years	13	4	9	1	Not reported	—	—	—	
55 to 64 years	13	4	9	2	Operators reporting days of work off farm:				
65 years and over	14	3	7	2	None	17	5	13	3
Average age	55.5	51.9	58.1	57.3	1 to 49 days	3	3	1	1
					50 to 99 days	5	1	4	1
					100 to 149 days	1	—	1	—
					150 to 199 days	6	1	4	—
					200 days or more	21	6	6	1

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

(1978 data are based on a sample of farms; see text)

	All farms				Forms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	25	20	9	1	14	11	3	(Z)
Feed for livestock and poultry	29	81	16	20	18	70	6	17
Commercially mixed formula feeds	15	45	13	16	10	36	6	15
Animal health costs	18	6	(NA)	(NA)	11	(D)	4	(Z)
Seeds, bulbs, plants, and trees	37	12	18	18	21	(D)	11	18
Commercial fertilizer	42	30	18	11	24	22	9	9
Other agricultural chemicals including lime	39	18	12	2	22	12	7	2
Hired farm labor	23	93	13	55	17	76	9	48
Contract labor	5	10	1	(Z)	4	(D)	1	(Z)
Customwork, machine hire, and rental of machinery and equipment	15	7	4	2	5	2	3	(D)
Energy and petroleum products	52	46	(NA)	(NA)	29	38	(NA)	(NA)
Petroleum products	52	(D)	21	9	29	27	11	8
Gasoline	50	19	(NA)	(NA)	28	16	11	4
Diesel fuel	19	(D)	(NA)	(NA)	12	2	4	(Z)
LP gas, butane, and propane	1	(D)	(NA)	(NA)	1	(D)	3	(Z)
Fuel oil	10	(D)	(NA)	(NA)	8	(D)	—	—
Natural gas	—	—	(NA)	(NA)	—	—	—	—
Kerosene, motor oil, and grease	52	4	(NA)	(NA)	29	3	11	3
Electricity	28	12	(NA)	(NA)	18	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	2	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	40	(D)	24	563	9	271
Cropland fertilized, except pasture	40	605	24	(D)	(NA)	249
Posture and rangeland fertilized	6	(D)	3	(D)	(NA)	22
Lime	20	189	11	102	5	40
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	23	365	15	294	(NA)	39
Nematodes in crops	6	72	4	(D)	—	—
Diseases in crops and orchards	12	110	7	86	1	(D)
Weeds, grass, or brush in crops and pasture	12	231	10	(D)	(NA)	95
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	—	—
Insect control on livestock and poultry	21	(X)	11	(X)	1	(X)
Sanitation and rodent and bird control	24	(X)	11	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—	52	20	29	10	Estimated market value of all machinery and equipment—Con.			
\$1,000 forms	885	278	721	181	\$20,000 to \$29,999	4	1	4
Average per farm dollars	17 018	13 900	24 859	18 100	\$30,000 to \$49,999	—	1	—
Farms by value group:					\$50,000 to \$69,999	4	—	4
\$1 to \$4,999	9	2	5	2	\$70,000 to \$99,999	3	—	3
\$5,000 to \$9,999	19	9	5	3	\$100,000 to \$199,999	—	1	—
\$10,000 to \$19,999	13	6	8	3	\$200,000 or more	—	—	1

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	37	(X)	16	(X)	22	(X)	6
Any cattle, hogs, or sheep	26	(X)	13	(X)	16	(X)	6
Sales:							
Any livestock or poultry and their products, \$1,000	30	128	15	41	17	116	5
Any cattle, hogs, or sheep	25	73	6	(NA)	15	(D)	4
CATTLE AND CALVES							
Inventory:							
Cattle and calves	23	463	13	158	16	387	6
Cows and heifers that had calved	20	208	9	95	15	173	5
Beef cows	13	176	6	67	10	(D)	3
Milk cows	7	32	4	28	5	(D)	3
Heifers and heifer calves	15	110	(NA)	(NA)	10	91	2
Steers, steer calves, bulls and bull calves	16	145	(NA)	(NA)	12	123	3
Sales:							
Cattle and calves, \$1,000	20	145	5	45	14	122	3
Calves	(X)	47	(X)	(NA)	(X)	42	(X)
Cattle	12	43	(NA)	(NA)	7	32	2
Fattened cattle	16	102	(NA)	(NA)	13	90	3
Dairy products	\$1,000	(X)	44	(X)	(X)	40	(X)
\$1,000	4	21	(NA)	(NA)	4	21	1
\$1,000	(X)	10	(X)	(NA)	(X)	10	(X)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	13	(D)	2	(D)	10	(D)	2
Used or to be used for breeding	5	(D)	(NA)	(NA)	3	(D)	1
Other hogs and pigs	11	37	(NA)	(NA)	9	(D)	2
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	5	24	1	(D)	3	(D)	1
Dec. 1 of preceding year and May 31	4	11	1	(D)	3	(D)	1
June 1 and Nov. 30	5	13	—	—	3	(D)	—
Sheep and lambs	6	530	3	526	3	(D)	3
Ewes 1 year old or older	6	(D)	(NA)	(NA)	3	(D)	3
Goats	2	(D)	(NA)	(NA)	—	—	1
Horses and ponies	21	163	11	77	13	121	4
Sales:							
Hogs and pigs, \$1,000	6	158	1	(D)	4	(D)	1
Feeder pigs	(X)	14	(X)	(NA)	(X)	(D)	(X)
\$1,000	1	(D)	1	(D)	—	(X)	(Z)
Sheep and lambs	6	272	3	309	3	156	3
Sheep and lambs shorn	6	529	(NA)	(NA)	3	(D)	3
Pounds of wool	(X)	2 868	(X)	(NA)	(X)	(D)	(X)
Sheep, lambs, and wool	6	13	(NA)	(NA)	3	(D)	3
Goats	1	(D)	(NA)	(NA)	—	—	—
Horses and ponies	2	(D)	(X)	(NA)	(X)	(D)	(X)
\$1,000	(X)	2	(D)	(D)	1	(D)	—
POULTRY							
Inventory:							
Any poultry	21	(X)	11	(X)	13	(X)	4
Chickens 3 months old or older	21	495	11	300	13	348	4
Hens and pullets of laying age	21	(D)	11	229	13	348	4
Pullets 3 months old or older	1	(D)	(NA)	(NA)	—	—	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	4	251	—	—	—	—	—
Turkeys	2	(D)	(NA)	(NA)	1	(D)	—
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	—
Other poultry	7	(X)	(NA)	(X)	3	(X)	1
Sales:							
Any poultry	6	(X)	1	(X)	2	(X)	1
Chickens 3 months old or older	2	(D)	1	(D)	1	(D)	—
Hens and pullets of laying age	2	(D)	1	(D)	1	(D)	(D)
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	1	(D)	—	—	1	(D)	—
Turkeys	—	—	(NA)	(NA)	—	—	—
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—
Other poultry	1	(X)	(NA)	(X)	—	(X)	—
Poultry and poultry products	\$1,000	11	6	4	7	4	3

Table 10. Crops: 1978 and 1974

	All forms					Farms with sales of \$2,500 or more				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes -----	1978	6	109	(X)	—	5	(D)	(X)	—	—
For grain or seed (bushels)-----	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	—
1978	3	(D)	(D)	—	—	3	(D)	(D)	—	—
1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	—	—
For silage or green chop (tons, green)-----	1978	5	85	(D)	—	4	(D)	(D)	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—
For fodder, hogged or grazed -----	1978	—	—	(X)	—	—	—	(X)	—	—
1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Sorghums for all purposes -----	1978	—	—	(X)	—	—	—	(X)	—	—
1974	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—
For grain or seed (bushels)-----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)-----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	—	—	—	—	—	—	—
Cut for dry forage or hay (tons, dry) -----	1978	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Hogged or grazed -----	1978	—	—	(X)	—	—	—	(X)	—	—
1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Wheat for grain (bushels)-----	1978	—	—	—	—	—	—	—	—	—
1974	1	(D)	(D)	(NA)	(NA)	—	—	—	—	—
Oats for grain (bushels) -----	1978	3	(D)	(D)	—	3	(D)	(D)	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	—	—
Barley for grain (bushels) -----	1978	—	—	—	—	—	—	—	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Rye for grain (bushels) -----	1978	—	—	—	—	—	—	—	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—
Other small grains for grain -----	1978	—	—	(X)	—	—	—	(X)	—	—
1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Soybeans for beans (bushels) -----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Peanuts for nuts (pounds) -----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales) -----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds) -----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight) -----	1978	4	2	530	—	4	2	530	—	—
1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels) -----	1978	—	—	—	—	—	—	—	—	—
1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text) -----	1978	29	781	1 428	—	16	562	1 149	—	—
1974	12	283	684	(NA)	(NA)	6	227	528	—	—
Alfalfa hay (tons, dry) -----	1978	17	(D)	(D)	—	10	202	482	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	—	—
Other tame dry hay (tons, dry) (see text) -----	1978	16	288	555	—	11	212	492	—	—
Field seed crops -----	1978	—	—	(X)	—	—	—	(X)	—	—
1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Alfalfa seed (pounds) -----	1978	—	—	—	—	—	—	—	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds) -----	1978	—	—	—	—	—	—	—	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
All vegetables harvested for sale (see text) -----	1978	19	68	(X)	6	21	16	64	(X)	5
1974	6	30	(X)	(NA)	(NA)	4	(D)	(X)	2	(D)
Sweet corn -----	1978	9	(D)	(X)	2	(D)	8	(D)	2	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	—
Tomatoes -----	1978	11	(D)	(X)	4	3	10	(D)	(X)	4
1974	(NA)	(NA)	(X)	(NA)	(NA)	4	10	(X)	2	(D)
Green peas excluding cowpeas -----	1978	3	1	(X)	1	(D)	3	1	(X)	1
1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Land in orchards -----	1978	4	(D)	(X)	1	(D)	3	(D)	(X)	1
1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Apples (pounds) -----	1978	1	(D)	(D)	(NA)	(NA)	—	—	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds) -----	1978	—	—	—	(NA)	(NA)	—	—	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978	4	43	18 350	(NA)	(NA)	3	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
Berries -----	1978	4	(D)	(X)	—	3	(D)	(X)	—	—
1974	4	4	(X)	(NA)	(NA)	3	(D)	(X)	1	(D)
Strawberries (pounds) -----	1978	2	(D)	(D)	—	2	(D)	(D)	—	—
1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Nursery and greenhouse products -----	1978	14	10	(X)	2	(D)	7	(X)	2	(D)
Other crops -----	1978	—	—	(X)	(NA)	(NA)	—	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	344	30 216	311	28 868	244	24 790	218	24 067
Average size of farm	(X)	88	(X)	93	(X)	102	(X)	110
Approximate land area	(X)	316 160	(X)	316 096	(X)	316 160	(X)	316 096
Proportion in farms percent	(X)	9.6	(X)	9.1	(X)	7.8	(X)	7.6
Value of land and buildings: ¹								
Average per farm dollars	228 541	(X)	145 463	(X)	271 565	(X)	172 945	(X)
Average per acre dollars	2 555		1 567		2 571		1 567	
Land in farms according to use:								
Total cropland	314	16 672	276	15 175	220	14 957	192	13 526
Harvested cropland	291	12 286	266	11 984	211	11 249	184	10 889
By acres harvested:								
1 to 9 acres	113	369	99	(NA)	70	207	53	(NA)
10 to 19 acres	44	551	38	(NA)	25	328	29	(NA)
20 to 29 acres	25	581	25	(NA)	16	372	11	(NA)
30 to 49 acres	36	1 305	39	(NA)	30	1 105	28	(NA)
50 to 99 acres	37	2 498	32	(NA)	35	(D)	31	(NA)
100 to 199 acres	26	3 519	20	(NA)	25	(D)	19	(NA)
200 to 499 acres	8	(D)	11	(NA)	8	2 263	11	(NA)
500 to 999 acres	2	(D)	1	(NA)	2	(D)	1	(NA)
1,000 acres or more	-	-	1	(NA)	-	-	1	(NA)
Cropland used only for pasture	115	2 914	82	2 362	65	2 509	47	1 909
Other cropland	98	1 472	63	829	73	1 199	46	728
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	25	184	(NA)	(NA)	16	153	16	249
Cropland on which all crops failed	9	63	(NA)	(NA)	6	27	10	128
Cropland in cultivated summer fallow	10	152	(NA)	(NA)	7	148	3	79
Cropland idle	68	1 073	(NA)	(NA)	52	871	25	272
Total woodland	172	9 202	147	7 830	109	6 386	97	5 893
Woodland pastured	36	741	(NA)	(NA)	20	583	26	1 240
Woodland not pastured	158	8 461	(NA)	(NA)	102	5 803	82	4 653
Other land	231	4 342	212	5 863	164	3 447	151	4 648
Pastureland and rangeland, other than cropland and woodland pastured	45	1 189	(NA)	(NA)	28	979	24	2 164
Land in house lots, ponds, roads, wasteland, etc.	221	3 153	(NA)	(NA)	158	2 468	143	2 484
Pastureland, all types	151	4 844	(NA)	(NA)	90	4 071	(NA)	5 313
Irrigated land	84	914	76	1 248	72	889	62	1 162
Harvested cropland irrigated	84	914	(NA)	(NA)	72	889	61	1 158
Pastureland irrigated	-	-	(NA)	(NA)	-	-	(NA)	(D)
Other land irrigated	-	-	(NA)	(NA)	-	-	1	(D)
Land set aside in the federal farm programs in 1978	6	54	(X)	(X)	6	54	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	344	11 789	311	9 926	244	11 593	218	9 761
Average per farm dollars	(X)	34 271	(X)	31 916	(X)	47 511	(X)	44 775
Farms by value of agricultural products sold: ¹								
\$100,000 or more	34	7 196	24	(NA)	34	7 196	24	(NA)
\$40,000 to \$99,999	37	2 285	37	(NA)	37	2 285	37	(NA)
\$20,000 to \$39,999	33	1 012	41	(NA)	33	1 012	41	(NA)
\$10,000 to \$19,999	42	566	39	(NA)	42	566	39	(NA)
\$5,000 to \$9,999	52	365	38	(NA)	52	365	38	(NA)
\$2,500 to \$4,999	46	168	35	(NA)	46	168	35	(NA)
Less than \$2,500 (see text)	99	(D)	96	(NA)	(X)	(X)	4	(NA)
\$2,000 to \$2,499	15	32	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	21	36	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	28	33	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	35	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	229	6 528	213	5 493	178	6 428	(NA)	5 403
Grains	1	(D)	(NA)	(NA)	1	(D)	3	2
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	-	-
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	84	609	(NA)	(NA)	58	575	40	227
Vegetables, sweet corn, and melons	89	1 807	(NA)	(NA)	76	1 786	65	1 174
Fruits, nuts, and berries	47	672	(NA)	(NA)	34	649	31	445
Nursery and greenhouse products	75	3 406	80	3 549	65	3 385	64	3 525
Other crops	16	(D)	(NA)	(NA)	13	(D)	10	31
Livestock, poultry, and their products	169	5 261	157	4 401	116	5 165	110	4 327
Poultry and poultry products	36	1 416	43	1 334	24	1 387	28	1 309
Dairy products	34	2 616	(NA)	(NA)	33	(D)	45	2 265
Cattle and calves	88	747	(NA)	(NA)	67	730	65	316
Hogs and pigs	38	281	(NA)	(NA)	31	277	20	296
Sheep, lambs, and wool	23	12	(NA)	(NA)	12	6	3	(Z)
Other livestock and livestock products (see text)	52	189	(NA)	(NA)	29	(D)	24	141

¹1974 data include sales of forest products.

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

Farms	1978								
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land		
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland
All farms	344	311	30 216	291	28 755	12 286	84	5 027	2 505
Farms with									914
1 to 9 acres	73	58	(D)	50	(D)	(D)	18	65	38
10 to 49 acres	116	123	2 572	97	2 161	1 004	34	673	346
50 to 69 acres	28	26	1 604	25	1 435	717	7	375	269
70 to 99 acres	33	16	2 763	28	2 362	884	5	427	191
100 to 139 acres	28	25	3 267	26	3 047	1 360	8	950	411
140 to 179 acres	20	17	3 187	19	3 020	1 324	4	609	368
180 to 219 acres	12	14	2 322	12	2 322	950	3	(D)	(D)
220 to 259 acres	8	8	1 926	8	1 926	786	2	(D)	(D)
260 to 499 acres	20	17	6 761	20	6 761	2 703	3	877	401
500 to 999 acres	5	6	3 492	5	3 492	1 753	—	—	—
1,000 to 1,999 acres	—	—	—	—	—	—	—	—	—
2,000 acres or more	1	1	(D)	1	(D)	(D)	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Forms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	344	30 216	311	28 868	244	24 790	218	24 067	
Harvested cropland	291	12 286	266	11 984	211	11 249	184	10 889	
Tenure of operator:									
Full owners	234	14 485	220	13 484	154	10 030	148	10 370	
Harvested cropland	192	4 152	(NA)	4 200	129	3 510	(NA)	3 635	
Part owners	85	14 298	71	13 972	70	13 440	55	12 512	
Harvested cropland	81	7 196	(NA)	7 040	67	6 842	(NA)	6 637	
Tenants	25	1 433	20	1 412	20	1 320	15	1 185	
Harvested cropland	18	938	(NA)	744	15	897	(NA)	617	
Type of organization:									
Individual or family	283	22 613	(NA)	(NA)	187	17 959	178	16 690	
Partnership	26	2 318	(NA)	(NA)	24	(D)	15	1 804	
Corporation	28	3 608	(NA)	(NA)	28	3 608	21	4 546	
Other—cooperative, estate or trust, institutional, etc.	7	1 677	(NA)	(NA)	5	(D)	4	1 027	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	198	159	178	129					
Other	146	126	66	64					
Operators by age group:									
Under 25 years	6	4	6	4					
25 to 34 years	33	10	26	8					
35 to 44 years	63	43	39	33					
45 to 54 years	92	72	64	55					
55 to 64 years	86	92	66	50					
65 years and over	64	64	43	43					
Average age	51.5	55.1	51.2	53.5					
Operators by place of residence:									
On farm operated	279	225	196	147					
Not on farm operated	46	30	34	28					
Not reported	19	30	14	18					
Operators reporting days of work off farm:									
None	145	107	123	77					
1 to 49 days	27	9	19	6					
50 to 99 days	4	6	2	6					
100 to 149 days	20	11	14	8					
150 to 199 days	22	14	10	6					
200 days or more	106	82	57	41					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

(1978 data are based on a sample of farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	110	1 028	97	370	58	984	67	353
Feed for livestock and poultry	162	1 541	173	2 206	100	1 505	116	2 161
Commercially mixed formula feeds	44	1 105	152	2 071	29	1 085	114	2 041
Animal health costs	91	52	(NA)	(NA)	59	47	70	44
Seeds, bulbs, plants, and trees	212	664	184	489	164	652	129	483
Commercial fertilizer	229	508	190	295	172	494	142	285
Other agricultural chemicals including lime	194	243	134	110	149	237	104	108
Hired farm labor	155	2 545	154	2 114	131	2 493	132	2 071
Contract labor	33	34	11	4	19	31	7	3
Customwork, machine hire, and rental of machinery and equipment	72	55	51	26	45	44	39	26
Energy and petroleum products	344	974	(NA)	(NA)	245	938	(NA)	(NA)
Petroleum products	344	800	290	578	245	777	215	564
Gasoline	332	298	(NA)	(NA)	234	280	214	220
Diesel fuel	93	54	(NA)	(NA)	88	(D)	47	29
LP gas, butane, and propane	45	31	(NA)	(NA)	44	(D)	26	26
Fuel oil	75	359	(NA)	(NA)	75	359	—	—
Natural gas	14	8	(NA)	(NA)	14	8	215	289
Kerosene, motor oil, and grease	344	50	(NA)	(NA)	245	46	(NA)	(NA)
Electricity	213	173	(NA)	(NA)	171	160	(NA)	(NA)
Other—coal, wood, coke, etc.	16	.2	(NA)	(NA)	—	—	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	211	9 439	160	9 029	142	6 357
Pasture and rangeland fertilized	210	8 560	159	8 196	(NA)	5 697
Line	26	879	15	833	(NA)	660
Sprays, dusts, granules, fumigants, etc. to control—	107	2 385	89	2 263	37	509
Insects on hay and other crops	101	2 781	86	2 695	(NA)	2 016
Nematodes in crops	10	30	10	30	6	70
Diseases in crops and orchards	34	606	27	590	14	306
Weeds, grass, or brush in crops and pasture	100	3 010	80	2 901	(NA)	1 793
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	9	161	9	161	2	(D)
Insect control on livestock and poultry	55	(X)	39	(X)	11	(X)
Sanitation and rodent and bird control	44	(X)	29	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—farms	345	286	246	205	49	38	40	33
\$1,000 dollars	10 264	5 291	9 194	4 529	52	44	47	42
Average per farm	29 749	18 500	37 373	22 093	21	14	21	14
Farms by value group:								
\$1 to \$4,999	62	43	28	20	5	5	5	4
\$5,000 to \$9,999	62	62	40	33	15	4	15	4
\$10,000 to \$19,999	68	81	39	59	11	11	11	5
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
\$200,000 or more								
SELECTED MACHINERY AND EQUIPMENT								
1978								
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
1974								
Automobiles								
203	263	113	133	108	130	210	279	156
294	652	167	209	202	443	241	472	148
Wheel tractors	240	634	78	197	517	247	612	115
Grain and bean combines, self-propelled only	2	(D)	—	2	(D)	3	3	—
Corn heads for combines	14	(D)	2	(D)	12	12	9	11
Other cornpickers and picker-shellers	—	—	—	—	—	2	(D)	1
Cottonpickers	—	—	—	—	—	(NA)	(NA)	(NA)
Mower conditioners	81	89	41	42	46	47	54	61
Pickup balers	92	107	19	20	74	87	89	98
Field forage harvesters, shear bar or flywheel type	50	63	18	19	33	44	31	39

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	155	82	(X)	137	(X)	131	132
Workers	1 134	(X)	353	(X)	781	1 053	1 340
Farms with—							
1 worker	16	30	30	17	17	8	20
2 workers	19	11	22	21	42	18	18
3 or 4 workers	35	16	52	46	161	29	19
5 to 9 workers	53	11	63	35	204	44	36
10 workers or more	32	14	186	18	357	32	39

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	199	(X)	176	(X)	126	(X)	120
Any cattle, hogs, or sheep	131	(X)	120	(X)	87	(X)	81
Sales:							
Any livestock or poultry and their products	169	5 261	157	4 401	116	5 165	110
Any cattle, hogs, or sheep	114	1 040	106	(NA)	83	1 013	75
CATTLE AND CALVES							
Inventory:							
Cattle and calves	107	4 151	101	5 246	73	3 871	68
Cows and heifers that had calved	81	2 465	83	3 373	58	2 359	59
Beef cows	44	411	42	427	22	343	24
Milk cows	51	2 054	60	2 946	42	2 016	49
Heifers and heifer calves	82	1 365	(NA)	(NA)	60	1 272	53
Steers, steer calves, bulls and bull calves	68	321	(NA)	(NA)	47	240	36
Sales:							
Cattle and calves	88	2 729	93	2 270	67	2 650	65
\$1,000	(X)	747	(X)	(NA)	(X)	730	(X)
Calves	52	1 269	(NA)	(NA)	42	1 229	51
Cattle	75	1 460	(NA)	(NA)	61	1 421	53
\$1,000	(X)	658	(X)	(NA)	(X)	646	(X)
Fattened cattle	23	167	(NA)	(NA)	16	154	—
\$1,000	(X)	77	(X)	(NA)	(X)	71	(X)
Dairy products	34	2 616	(NA)	(NA)	33	(D)	45
							2 265
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	45	2 991	32	5 435	31	2 881	21
Used or to be used for breeding	19	382	(NA)	(NA)	15	377	10
Other hogs and pigs	44	2 609	(NA)	(NA)	30	2 504	19
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	19	458	11	573	15	451	10
Dec. 1 of preceding year and May 31	19	231	9	281	15	224	8
June 1 and Nov. 30	13	227	10	292	13	227	10
Sheep and lambs	27	233	11	183	14	83	5
Ewes 1 year old or older	23	136	(NA)	(NA)	10	54	5
Goats	11	141	(NA)	(NA)	2	(D)	1
Horses and ponies	76	801	66	1 044	42	523	40
Sales:							
Hogs and pigs	38	3 175	27	4 343	31	3 141	20
\$1,000	(X)	281	(X)	(NA)	(X)	277	(X)
Feeder pigs	6	491	1	(D)	4	(D)	1
\$1,000	(X)	18	(X)	(NA)	(X)	(D)	(D)
Sheep and lambs	18	130	8	55	9	67	2
Sheep and lambs shorn	21	184	(NA)	(NA)	10	80	2
Pounds of wool	(X)	1 380	(X)	(NA)	(X)	468	(D)
Sheep, lambs, and wool	23	12	(NA)	(NA)	12	6	3
Goats	6	43	(NA)	(NA)	2	(D)	—
\$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)
Horses and ponies	33	186	26	206	21	165	19
\$1,000	(X)	154	(X)	(NA)	(X)	140	(X)
							113
POULTRY							
Inventory:							
Any poultry	58	(X)	52	(X)	31	(X)	32
Chickens 3 months old or older	51	65 441	49	106 811	27	61 184	29
Hens and pullets of laying age	48	(D)	48	89 998	26	(D)	28
Pullets 3 months old or older	10	(D)	(NA)	(NA)	5	(D)	3
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	4
Broilers and other meat-type chickens	8	30 600	5	(D)	3	30 075	2
Turkeys	7	2 809	(NA)	(NA)	3	2 649	1
Turkeys for slaughter	7	(D)	(NA)	(NA)	3	(D)	1
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	3	(D)	—
Other poultry	18	(X)	(NA)	(X)	7	(X)	2
Sales:							
Any poultry	33	(X)	32	(X)	22	(X)	28
Chickens 3 months old or older	23	44 791	30	150 370	16	42 129	26
Hens and pullets of laying age	23	44 646	28	99 125	16	41 984	24
Pullets 3 months old or older	4	145	(NA)	(NA)	4	145	2
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	—
Broilers and other meat-type chickens	6	(D)	3	(D)	4	(D)	2
Turkeys	6	(D)	(NA)	(NA)	2	(D)	1
Turkeys for slaughter	6	(D)	(NA)	(NA)	2	(D)	1
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	—
Other poultry	5	(X)	(NA)	(X)	4	(X)	2
Poultry and poultry products	\$1,000	36	1 416	43	1 334	24	1 387
							28
							1 309

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Forms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	48	1 453	(X)	2	(D)	37	1 395	(X)	2	(D)
	1974	41	1 250	(X)	(NA)	(NA)	32	1 205	(X)	5	85
For grain or seed (bushels)	1978	6	34	2 500	1	(D)	4	(D)		1	(D)
	1974	3	3	120	(NA)	(NA)	—	—		—	—
For silage or green chop (tons, green)	1978	42	1 419	22 420	1	(D)	33	(D)	21 734	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	1 185	18 518	5	85
For fodder, hogged or grazed	1978	—	—	(X)	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	—	—
Sorghums for all purposes	1978	3	(D)	(X)	—	—	1	(D)	(X)	—	—
	1974	3	29	(X)	(NA)	(NA)	—	—	(X)	—	—
For grain or seed (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)	1978	3	(D)	(D)	—	—	1	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Cut for dry forage or hay (tons, dry)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Hogged or grazed	1978	—	—	(X)	—	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Wheat for grain (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Oats for grain (bushels)	1978	1	(D)	(D)	—	—	1	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Barley for grain (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	—	—
Rye for grain (bushels)	1978	1	(D)	(D)	—	—	1	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	30	840	—	—
Other small grains for grain	1978	—	(X)	—	—	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	—	—
Soybeans for beans (bushels)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Peanuts for nuts (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight)	1978	13	23	2 603	6	17	8	20	2 159	5	(D)
	1974	16	43	6 529	(NA)	(NA)	11	40	6 408	8	34
Sweetpotatoes (bushels)	1978	1	(D)	(D)	—	—	1	(D)	(D)	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text)	1978	150	8 297	16 701	—	—	96	7 373	15 413	—	—
	1974	125	8 434	13 599	(NA)	(NA)	84	7 564	12 430	—	—
Alfalfa hay (tons, dry)	1978	56	1 501	3 306	—	—	42	1 270	2 967	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	33	935	2 015	—	—
Other tame dry hay (tons, dry) (see text)	1978	97	4 909	10 592	—	—	63	4 479	9 936	—	—
Field seed crops	1978	—	—	(X)	—	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Alfalfa seed (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds)	1978	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
All vegetables harvested for sale (see text)	1978	89	1 826	(X)	50	751	76	1 779	(X)	45	735
	1974	90	1 838	(X)	(NA)	(NA)	66	1 777	(X)	34	822
Sweet corn	1978	58	967	(X)	26	337	49	942	(X)	23	331
	1974	(NA)	(NA)	(X)	(NA)	(NA)	56	1 107	(X)	24	475
Tomatoes	1978	45	69	(X)	26	45	40	64	(X)	24	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	46	75	(X)	23	37
Green peas excluding cowpeas	1978	10	10	(X)	6	6	10	10	(X)	6	6
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	10	(X)	8	4
Land in orchards	1978	27	381	(X)	—	—	14	338	(X)	—	—
	1974	21	429	(X)	(NA)	(NA)	11	387	(X)	2	(D)
Apples (pounds)	1978	25	356	3 727 414	(NA)	(NA)	13	321	3 596 464	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	367	4 010 418	(NA)	(NA)
Peaches (pounds)	1978	9	8	36 071	(NA)	(NA)	5	6	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7	43 300	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	4	1 948	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	(NA)	(NA)
Berries	1978	40	60	(X)	26	45	28	48	(X)	20	42
	1974	35	44	(X)	(NA)	(NA)	27	38	(X)	15	27
Strawberries (pounds)	1978	33	42	174 943	23	35	27	39	166 991	20	34
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	22	107 275	13	15
Nursery and greenhouse products	1978	75	392	(X)	40	125	65	386	(X)	35	121
Other crops	1978	4	418	(X)	(NA)	(NA)	4	418	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	456	80 325	404	72 909	342	69 222	283	62 024
Average size of farm	(X)	176	(X)	180	(X)	202	(X)	219
Approximate land area	(X)	453 120	(X)	453 312	(X)	453 120	(X)	453 312
Proportion in farms percent	(X)	17.7	(X)	16.1	(X)	15.3	(X)	13.7
Value of land and buildings: ¹								
Average per farm dollars	151 880	(X)	119 250	(X)	175 418	(X)	146 905	(X)
Average per acre dollars	879	(X)	661	(X)	894	(X)	670	
Land in farms according to use:								
Total cropland	449	34 537	395	29 920	338	31 202	278	25 997
Harvested cropland	432	23 772	388	20 937	331	22 078	275	19 144
By acres harvested:								
1 to 9 acres	72	320	73	(NA)	42	163	30	(NA)
10 to 19 acres	69	910	56	(NA)	36	512	23	(NA)
20 to 29 acres	51	1 164	44	(NA)	31	715	22	(NA)
30 to 49 acres	82	3 012	63	(NA)	67	2 486	53	(NA)
50 to 99 acres	84	5 754	85	(NA)	81	5 590	80	(NA)
100 to 199 acres	54	7 067	58	(NA)	54	7 067	58	(NA)
200 to 499 acres	18	(D)	7	(NA)	18	(D)	7	(NA)
500 to 999 acres	2	(D)	2	(NA)	2	(D)	2	(NA)
1,000 acres or more	—	—	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	262	9 493	191	6 771	190	8 069	131	5 619
Other cropland	91	1 272	79	2 212	67	1 055	52	1 234
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	43	636	(NA)	(NA)	36	611	20	362
Cropland on which all crops failed	10	34	(NA)	(NA)	9	(D)	4	29
Cropland in cultivated summer fallow	10	92	(NA)	(NA)	9	(D)	13	352
Cropland idle	46	510	(NA)	(NA)	29	324	22	491
Total woodland	345	39 101	288	34 166	256	32 404	213	28 482
Woodland pastured	129	6 901	(NA)	(NA)	97	5 889	97	7 105
Woodland not pastured	306	32 200	(NA)	(NA)	228	26 515	175	21 377
Other land	315	6 687	292	8 823	235	5 616	206	7 545
Pastureland and rangeland, other than cropland and woodland pastured	74	3 371	(NA)	(NA)	58	2 894	83	5 100
Land in house lots, ponds, roads, wasteland, etc	302	3 316	(NA)	(NA)	227	2 722	190	2 445
Pastureland, all types	330	19 765	(NA)	(NA)	242	16 852	(NA)	17 824
Irrigated land	25	526	23	596	23	(D)	19	565
Harvested cropland irrigated	25	(D)	(NA)	(NA)	23	(D)	19	565
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	—
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	—	—
Land set aside in the federal farm programs in 1978	4	52	(X)	(X)	4	52	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	456	19 443	404	15 125	342	19 319	283	15 007
Average per farm dollars	(X)	42 637	(X)	37 438	(X)	56 488	(X)	53 028
Farms by value of agricultural products sold: ¹								
\$100,000 or more	50	11 980	27	(NA)	50	11 980	27	(NA)
\$40,000 to \$99,999	72	4 559	74	(NA)	72	4 559	74	(NA)
\$20,000 to \$39,999	55	1 568	60	(NA)	55	1 568	60	(NA)
\$10,000 to \$19,999	44	628	52	(NA)	44	628	52	(NA)
\$5,000 to \$9,999	44	304	36	(NA)	44	304	36	(NA)
\$2,500 to \$4,999	77	280	32	(NA)	77	280	32	(NA)
Less than \$2,500 (see text)	114	124	123	(NA)	(X)	(X)	2	(NA)
\$2,000 to \$2,499	18	39	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	22	39	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	27	32	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	47	14	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	—	—	—	(NA)	(X)	(X)	(X)	(X)
Crops	244	6 699	237	6 586	199	6 648	(NA)	6 520
Grains	11	15	(NA)	(NA)	9	(D)	7	23
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	—
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	13	2 694	(NA)	(NA)	13	2 694	13	3 441
Field seeds, hay, forage, and silage	137	526	(NA)	(NA)	107	496	78	630
Vegetables, sweet corn, and melons	75	747	(NA)	(NA)	70	740	44	524
Fruits, nuts, and berries	41	1 479	(NA)	(NA)	33	1 469	23	1 066
Nursery and greenhouse products	29	648	21	322	28	(D)	19	(D)
Other crops	26	590	(NA)	(NA)	25	(D)	22	(D)
Livestock, poultry, and their products	311	12 744	261	8 372	242	12 671	201	8 325
Poultry and poultry products	36	562	21	410	26	561	17	410
Dairy products	141	9 850	(NA)	(NA)	140	(D)	140	6 836
Cattle and calves	260	2 075	(NA)	(NA)	216	2 036	189	1 052
Hogs and pigs	29	33	(NA)	(NA)	17	25	5	6
Sheep, lambs, and wool	31	14	(NA)	(NA)	16	8	3	1
Other livestock and livestock products (see text)	37	211	(NA)	(NA)	20	(D)	15	20

¹1974 data include sales of forest products.

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

Farms	1978									
			Farms with harvested cropland			Farms with irrigated land				
1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land	
All farms	456	404	80 325	432	78 045	23 772	25	3 092	1 165	526
Farms with—										
1 to 9 acres	26	33	115	20	96	51	5	27	17	15
10 to 49 acres	86	63	2 390	82	2 289	1 150	4	72	22	14
50 to 69 acres	31	22	1 791	29	1 678	600	3	178	17	3
70 to 99 acres	34	27	2 840	33	2 755	671	3	240	90	21
100 to 139 acres	66	47	7 757	61	7 175	2 198	2	(D)	(D)	(D)
140 to 179 acres	39	56	6 198	37	5 893	1 985	2	(D)	(D)	(D)
180 to 219 acres	44	38	8 762	42	8 362	2 742	1	(D)	(D)	(D)
220 to 259 acres	25	28	6 014	24	5 759	1 857	1	(D)	(D)	(D)
260 to 499 acres	76	65	26 457	75	26 037	7 555	3	1 075	484	277
500 to 999 acres	29	24	18 001	29	18 001	4 963	1	(D)	(D)	(D)
1,000 to 1,999 acres	—	—	—	—	—	—	—	—	—	—
2,000 acres or more	—	1	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	456	80 325	404	72 909	342	69 222	283	62 024	
Harvested cropland	432	23 772	388	20 937	331	22 078	275	19 144	
Tenure of operator:									
Full owners	214	29 279	198	27 191	138	20 969	109	18 431	
Harvested cropland	192	5 043	(NA)	5 248	127	4 141	(NA)	4 070	
Part owners	218	48 181	178	41 066	182	45 426	150	39 002	
Harvested cropland	217	17 861	(NA)	13 854	182	17 075	(NA)	13 298	
Tenants	24	2 865	28	4 652	22	(D)	24	4 591	
Harvested cropland	23	868	(NA)	1 835	22	(D)	(NA)	1 776	
Type of organization:									
Individual or family	388	60 619	(NA)	(NA)	276	49 598	239	48 553	
Partnership	48	13 996	(NA)	(NA)	47	(D)	24	7 425	
Corporation	18	(D)	(NA)	(NA)	17	(D)	19	(D)	
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	2	(D)	1	(D)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	281	252	253	210					
Other	175	132	89	53					
Operators by age group:									
Under 25 years	5	2	3	2					
25 to 34 years	52	38	39	22					
35 to 44 years	85	68	53	51					
45 to 54 years	101	85	77	67					
55 to 64 years	130	108	103	71					
65 years and over	83	83	67	50					
Average age	52.0	53.4	53.0	53.0					
Operators by place of residence:									
On farm operated	389	314	291	213					
Not on farm operated	38	29	27	22					
Not reported	29	41	24	28					
Operators reporting days of work off farm:									
None	207	158	181	135					
1 to 49 days	23	26	18	17					
50 to 99 days	14	14	12	11					
100 to 149 days	21	4	12	2					
150 to 199 days	32	20	16	12					
200 days or more	132	109	78	40					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	192	957	151	547	140	941	108	522
Feed for livestock and poultry	312	3 909	287	3 107	239	3 850	211	3 059
Commercially mixed formula feeds	200	3 456	241	2 753	178	3 439	197	2 729
Animal health costs	284	224	(NA)	(NA)	213	217	168	91
Seeds, bulbs, plants, and trees	289	359	252	214	244	353	191	208
Commercial fertilizer	353	942	296	820	284	921	227	802
Other agricultural chemicals including lime	303	410	206	293	263	403	178	290
Hired farm labor	250	3 419	219	3 341	224	3 400	191	3 330
Contract labor	38	91	15	33	27	90	11	32
Customwork, machine hire, and rental of machinery and equipment	148	164	122	72	88	138	93	65
Energy and petroleum products	457	1 018	(NA)	(NA)	342	977	(NA)	(NA)
Petroleum products	457	750	389	627	342	720	281	607
Gasoline	448	414	(NA)	(NA)	333	389	279	315
Diesel fuel	213	128	(NA)	(NA)	202	126	118	73
LP gas, butane, and propane	40	109	(NA)	(NA)	37	109	22	166
Fuel oil	64	(D)	(NA)	(NA)	61	(D)	281	53
Natural gas	2	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)
Kerosene, motor oil, and grease	457	58	(NA)	(NA)	342	54	(NA)	(NA)
Electricity	298	255	(NA)	(NA)	237	245	(NA)	(NA)
Other—coal, wood, coke, etc.	39	12	(NA)	(NA)	23	11	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	343	18 460	277	17 821	227	13 624
Cropland fertilized, except pasture	343	16 120	277	15 578	(NA)	11 825
Pasture and rangeland fertilized	101	2 340	88	2 243	(NA)	1 799
Lime	192	6 166	156	5 863	75	3 204
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	91	3 020	78	2 979	(NA)	2 175
Nematodes in crops	34	680	27	664	9	655
Diseases in crops and orchards	82	2 559	76	2 532	29	1 625
Weeds, grass, or brush in crops and pasture	193	6 734	172	6 625	(NA)	5 499
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	32	1 198	29	1 189	7	322
Insect control on livestock and poultry	174	(X)	155	(X)	35	(X)
Sanitation and rodent and bird control	147	(X)	123	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		
	1978		1974		1978		1974		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
ALL MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment—									
forms	457	394	342	281	Estimated market value of all machinery and equipment—Con.				
\$1,000	13 487	8 496	12 773	7 337	\$20,000 to \$29,999	71	68	70	
Average per farm	29 513	21 563	37 348	26 110	\$30,000 to \$49,999	66	42	58	
Farms by value group:					\$50,000 to \$69,999	38	11	39	
\$1 to \$4,999	59	55	31	26	\$70,000 to \$99,999	5	5	11	
\$5,000 to \$9,999	98	76	28	42	\$100,000 to \$199,999	22	18	22	
\$10,000 to \$19,999	89	124	74	87	\$200,000 or more	9	9	18	
ALL MACHINERY AND EQUIPMENT—Con.									
Estimated market value of all machinery and equipment—Con.									
					\$20,000 to \$29,999	71	68	70	
					\$30,000 to \$49,999	66	42	58	
					\$50,000 to \$69,999	38	11	39	
					\$70,000 to \$99,999	5	5	11	
					\$100,000 to \$199,999	22	18	22	
					\$200,000 or more	9	9	18	
1978									
1974									
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		All farms		Manufactured 1970 to 1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	310	447	140	176	216	271	313	422	230
Motortrucks including pickups	410	951	164	242	357	709	347	779	179
Wheel tractors	410	1 080	118	153	372	927	374	896	155
Grain and bean combines, self-propelled only	6	6	—	—	6	6	2	(D)	—
Corn heads for combines	15	15	3	3	12	12	7	7	1
Other cornpickers and picker-shellers	11	15	—	—	11	15	10	10	2
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)	(NA)
Mower conditioners	191	201	109	110	85	91	131	136	70
Pickup balers	205	207	31	32	175	175	209	213	63
Field forage harvesters, shear bar or flywheel type	150	170	42	45	118	125	116	132	53

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	250	134	(X)	196	(X)	224	191
Workers	3 325	683		2 642		3 222	4 980
Farms with—							
1 worker	46	52	52	40	40	43	34
2 workers	31	26	52	25	50	24	33
3 or 4 workers	53	37	131	28	110	44	21
5 to 9 workers	62	13	80	47	313	58	39
10 workers or more	58	6	368	56	2 129	55	64

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	339	(X)	295	(X)	252	(X)	208
Any cattle, hogs, or sheep	305	(X)	266	(X)	232	(X)	198
Sales:							
Any livestock or poultry and their products	311	12 744	261	8 372	242	12 671	201
Any cattle, hogs, or sheep	282	2 121	240	(NA)	226	2 069	189
CATTLE AND CALVES							
Inventory:							
Cattle and calves	286	16 055	262	14 923	225	15 429	198
Cows and heifers that had calved	249	8 587	226	8 087	197	8 342	175
Beef cows	112	719	84	691	68	518	47
Milk cows	177	7 868	177	7 396	162	7 824	151
Heifers and heifer calves	242	6 476	(NA)	(NA)	201	6 210	165
Steers, steer calves, bulls and bull calves	172	992	(NA)	(NA)	125	877	138
Sales:							
Cattle and calves	260	8 000	231	6 757	216	7 839	189
\$1,000	(X)	2 075	(NA)	(NA)	(X)	2 036	(X)
Calves	195	4 377	(NA)	(NA)	169	4 309	149
\$1,000	(X)	313	(X)	(NA)	(X)	307	(X)
Cattle	243	3 623	(NA)	(NA)	206	3 530	179
\$1,000	(X)	1 761	(X)	(NA)	(X)	1 730	(X)
Fattened cattle	29	221	(NA)	(NA)	23	209	20
\$1,000	(X)	98	(X)	(NA)	(X)	93	(X)
Dairy products	141	9 850	(NA)	(NA)	140	(D)	140
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	61	641	29	246	34	344	13
Used or to be used for breeding	21	92	(NA)	(NA)	10	56	2
Other hogs and pigs	59	549	(NA)	(NA)	34	288	12
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	22	79	11	40	11	50	3
Dec. 1 of preceding year and May 31	17	42	8	16	8	25	1
June 1 and Nov. 30	13	37	8	24	8	25	2
Sheep and lambs	35	665	19	294	19	336	8
Ewes 1 year old or older	32	437	(NA)	(NA)	16	246	6
Goats	12	66	(NA)	(NA)	6	46	1
Horses and ponies	98	468	67	345	55	277	37
Sales:							
Hogs and pigs	29	529	14	153	17	358	5
\$1,000	(X)	33	(X)	(NA)	(X)	25	(X)
Feeder pigs	14	318	6	58	7	193	—
\$1,000	(X)	10	(X)	(NA)	(X)	7	(X)
Sheep and lambs	28	291	9	91	16	142	3
Sheep and lambs shorn	28	528	(NA)	(NA)	13	294	3
Pounds of wool	(X)	3 794	(X)	(NA)	(X)	2 000	(X)
Sheep, lambs, and wool	31	14	(NA)	(NA)	16	8	3
Goats	6	32	(NA)	(NA)	2	(D)	—
\$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)
Horses and ponies	24	60	15	24	12	40	10
\$1,000	(X)	92	(X)	(NA)	(X)	76	(X)
POULTRY							
Inventory:							
Any poultry	60	(X)	41	(X)	36	(X)	24
Chickens 3 months old or older	53	33 114	36	37 255	32	32 553	21
Hens and pullets of laying age	53	(D)	36	34 316	32	(D)	21
Pullets 3 months old or older	5	(D)	(NA)	(NA)	4	(D)	2
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	(D)	1
Broilers and other meat-type chickens	9	135	4	122	3	61	1
Turkeys	6	640	(NA)	(NA)	3	(D)	2
Turkeys for slaughter	6	(D)	(NA)	(NA)	3	(D)	2
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	—	(D)	—
Other poultry	18	(X)	(NA)	(X)	9	(X)	4
Sales:							
Any poultry	27	(X)	15	(X)	18	(X)	13
Chickens 3 months old or older	16	57 053	11	25 768	12	57 005	10
Hens and pullets of laying age	15	(D)	11	25 483	11	(D)	10
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	(D)	1
Broilers and other meat-type chickens	5	40	3	2 211	—	—	2
Turkeys	2	(D)	(NA)	(NA)	1	(D)	3
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	3
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	(D)	—
Other poultry	3	(X)	(NA)	(X)	2	(X)	1
Poultry and poultry products	\$1,000	36	562	21	410	26	561

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	191	5 924	(X)	1	(D)	178	5 852	(X)	-	-
	1974	174	5 310	(X)	(NA)	(NA)	148	5 158	(X)	-	-
For grain or seed (bushels)	1978	34	643	57 540	1	(D)	25	609	56 023	-	-
	1974	20	356	36 605	(NA)	(NA)	11	331	34 620	-	-
For silage or green chop (tons, green)	1978	164	5 281	97 617	-	-	159	5 243	97 121	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	136	4 793	85 452	-	-
For fodder, hogged or grazed	1978	-	-	(X)	-	-	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	34	(X)	-	-
Sorghums for all purposes	1978	4	(D)	(X)	-	-	4	(D)	(X)	-	-
	1974	5	39	(X)	(NA)	(NA)	3	(D)	(X)	-	-
For grain or seed (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
For silage or green chop (tons, green)	1978	4	(D)	(D)	-	-	4	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	103	-	-
Cut for dry forage or hay (tons, dry)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed	1978	-	-	(X)	-	-	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels)	1978	1	(D)	(D)	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Oats for grain (bushels)	1978	3	4	(D)	-	-	2	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	-	-
Barley for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Rye for grain (bushels)	1978	5	10	162	-	-	5	10	162	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	24	625	-	-
Other small grains for grain	1978	1	(D)	(X)	-	-	1	(D)	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	1978	13	344	454 270	5	209	13	344	454 270	5	209
	1974	14	634	1 008 771	(NA)	(NA)	13	(D)	(D)	9	432
Irish potatoes (hundredweight)	1978	26	741	149 799	2	(D)	25	(D)	(D)	2	(D)
	1974	31	694	173 840	(NA)	(NA)	27	691	173 232	-	-
Sweetpotatoes (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	339	15 580	34 384	1	(D)	254	14 039	32 192	1	(D)
	1974	297	13 238	29 667	(NA)	(NA)	212	11 712	27 340	-	-
Alfalfa hay (tons, dry)	1978	133	3 417	9 359	-	-	117	3 263	9 097	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	82	2 467	7 087	-	-
Other tame dry hay (tons, dry) (see text)	1978	256	9 440	20 190	1	(D)	194	8 492	18 722	1	(D)
Field seed crops	1978	3	(D)	(X)	-	-	3	(D)	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Alfalfa seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text)	1978	75	765	(X)	10	(NA)	70	758	(X)	10	179
	1974	69	765	(X)	(NA)	(NA)	46	714	(X)	7	117
Sweet corn	1978	37	288	(X)	1	(D)	36	(D)	(X)	-	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	28	273	(X)	2	(D)
Tomatoes	1978	15	14	(X)	4	8	14	(D)	(X)	4	8
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	16	(X)	2	(D)
Green peas excluding cowpeas	1978	5	3	(X)	2	(D)	5	3	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	-	-
Land in orchards	1978	35	827	(X)	1	(D)	22	725	(X)	1	(D)
	1974	29	850	(X)	(NA)	(NA)	19	822	(X)	1	(D)
Apples (pounds)	1978	32	785	9 488 328	(NA)	(NA)	19	696	9 409 960	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	806	13 767 380	(NA)	(NA)	(NA)
Peaches (pounds)	1978	13	30	104 780	(NA)	(NA)	7	19	98 400	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14	14 000	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries	1978	28	209	(X)	6	37	23	204	(X)	6	37
	1974	19	272	(X)	(NA)	(NA)	11	265	(X)	1	(D)
Strawberries (pounds)	1978	18	25	133 789	4	12	16	(D)	(D)	4	12
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	13	106 413	-	-
Nursery and greenhouse products	1978	29	128	(X)	8	68	28	(D)	(X)	7	(D)
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	367	43 433	311	42 123	259	33 937	242	35 815
Average size of farm	(X)	118	(X)	135	(X)	131	(X)	148
Approximate land area	(X)	396 160	(X)	396 160	(X)	396 160	(X)	396 160
Proportion in farms percent	(X)	11.0	(X)	10.6	(X)	8.6	(X)	9.0
Value of land and buildings: ¹								
Average per farm dollars	161 856	(X)	114 141	(X)	182 538	(X)	130 215	(X)
Average per acre dollars		1 373		843		1 462		880
Land in farms according to use:								
Total cropland	346	19 746	297	18 468	251	17 077	229	16 432
Harvested cropland	326	13 526	291	13 667	241	12 211	227	12 588
By acres harvested:								
1 to 9 acres	101	369	69	(NA)	58	188	48	(NA)
10 to 19 acres	49	655	49	(NA)	33	447	26	(NA)
20 to 29 acres	37	840	39	(NA)	28	642	30	(NA)
30 to 49 acres	56	2 003	40	(NA)	44	1 587	34	(NA)
50 to 99 acres	47	3 225	53	(NA)	42	2 913	48	(NA)
100 to 199 acres	26	3 601	27	(NA)	26	3 601	27	(NA)
200 to 499 acres	9	(D)	14	(NA)	9	(D)	14	(NA)
500 to 999 acres	1	(D)	—	(NA)	1	(D)	—	(NA)
1,000 acres or more	—	—	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	122	4 035	119	3 784	84	3 063	80	3 004
Other cropland	91	2 185	65	1 017	67	1 803	48	840
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	27	487	(NA)	(NA)	21	445	10	127
Cropland on which all crops failed	12	122	(NA)	(NA)	10	(D)	8	67
Cropland in cultivated summer fallow	7	67	(NA)	(NA)	7	67	5	45
Cropland idle	56	1 509	(NA)	(NA)	40	1 211	30	601
Total woodland	243	18 966	204	17 614	163	13 051	150	14 095
Woodland pastured	66	2 861	(NA)	(NA)	40	1 734	49	2 105
Woodland not pastured	218	16 105	(NA)	(NA)	148	11 317	134	11 990
Other land	259	4 721	225	6 041	180	3 809	170	5 288
Pastureland and rangeland, other than cropland and woodland pastured	51	1 502	(NA)	(NA)	35	1 202	40	1 640
Land in house lots, ponds, roads, wasteland, etc	240	3 219	(NA)	(NA)	168	2 607	162	3 648
Pastureland, all types	175	8 398	(NA)	(NA)	115	5 999	(NA)	6 749
Irrigated land	42	880	42	1 452	37	869	40	(D)
Harvested cropland irrigated	42	(D)	(NA)	(NA)	37	(D)	40	1 435
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	—
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Land set aside in the federal farm programs in 1978	4	61	(X)	(X)	4	61	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	367	14 179	311	13 595	259	14 061	242	13 510
Average per farm dollars	(X)	38 635	(X)	43 714	(X)	54 290	(X)	55 826
Farms by value of agricultural products sold: ¹								
\$100,000 or more	40	9 189	29	(NA)	40	9 189	29	(NA)
\$40,000 to \$99,999	45	2 820	44	(NA)	45	2 820	44	(NA)
\$20,000 to \$39,999	34	956	48	(NA)	34	956	48	(NA)
\$10,000 to \$19,999	47	642	48	(NA)	47	642	48	(NA)
\$5,000 to \$9,999	39	266	34	(NA)	39	266	34	(NA)
\$2,500 to \$4,999	54	188	37	(NA)	54	188	37	(NA)
Less than \$2,500 (see text)	108	118	71	(NA)	(X)	(X)	2	(NA)
\$2,000 to \$2,499	17	37	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	20	33	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	24	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	47	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	—	—	—	(NA)	(X)	(X)	(X)	(X)
Crops	224	8 893	214	9 051	175	8 840	(NA)	8 999
Grains	8	17	(NA)	(NA)	7	(D)	3	18
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	8	2 746	(NA)	(NA)	8	2 746	9	4 584
Field seeds, hay, forage, and silage	66	(D)	(NA)	(NA)	44	180	46	280
Vegetables, sweet corn, and melons	76	1 900	(NA)	(NA)	68	1 894	43	1 130
Fruits, nuts, and berries	69	1 253	(NA)	(NA)	54	1 241	51	1 015
Nursery and greenhouse products	78	2 434	57	1 771	68	2 422	50	1 762
Other crops	9	(D)	(NA)	(NA)	9	(D)	9	211
Livestock, poultry, and their products	190	5 286	162	4 495	125	5 221	127	4 468
Poultry and poultry products	23	740	22	760	18	738	13	758
Dairy products	64	3 577	(NA)	(NA)	62	(D)	83	3 276
Cattle and calves	128	574	(NA)	(NA)	90	535	108	339
Hogs and pigs	25	324	(NA)	(NA)	12	317	13	79
Sheep, lambs, and wool	14	14	(NA)	(NA)	5	10	8	5
Other livestock and livestock products (see text)	35	56	(NA)	(NA)	17	(D)	5	12

¹1974 data include sales of forest products.

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

Forms	1978									
	Acres in farms	Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
All farms -----	367	311	43 433	326	41 441	13 526	42	3 469	1 596	880
Farms with -----										
1 to 9 acres -----	39	31	131	30	100	55	8	27	11	11
10 to 49 acres -----	104	69	2 606	85	2 175	864	14	268	108	101
50 to 69 acres -----	36	31	2 176	32	1 956	804	4	254	85	65
70 to 99 acres -----	43	36	3 690	40	3 436	1 019	2	(D)	(D)	(D)
100 to 139 acres -----	37	31	4 338	34	3 983	1 679	3	355	261	44
140 to 179 acres -----	31	30	4 844	30	4 694	1 692	6	985	558	329
180 to 219 acres -----	23	26	4 655	22	4 455	1 557	1	(D)	(D)	(D)
220 to 259 acres -----	11	11	2 557	11	2 557	821	1	(D)	(D)	(D)
260 to 499 acres -----	32	37	11 135	31	10 784	3 082	3	992	296	296
500 to 999 acres -----	10	9	(D)	10	(D)	(D)	-	-	-	-
1,000 to 1,999 acres -----	1	-	(D)	1	(D)	(D)	-	-	-	-
2,000 acres or more -----	-	-	-	-	-	-	-	-	-	-

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

	All farms				Farms with sales of \$2,500 or more							
	1978		1974		1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms -----	367	43 433	311	42 123	259	33 937	242	35 815				
Harvested cropland -----	326	13 526	291	13 667	241	12 211	227	12 588				
Tenure of operator:												
Full owners -----	240	21 584	207	22 677	149	13 690	149	17 285				
Harvested cropland -----	206	4 336	(NA)	5 085	135	3 382	(NA)	4 154				
Part owners -----	111	20 974	92	18 206	95	(D)	83	(D)				
Harvested cropland -----	105	8 847	(NA)	7 971	92	(D)	(NA)	7 886				
Tenants -----	16	875	12	1 240	15	(D)	10	(D)				
Harvested cropland -----	15	343	(NA)	611	14	(D)	(NA)	548				
Type of organization:												
Individual or family -----	319	36 983	(NA)	(NA)	215	27 691	205	29 429				
Partnership -----	28	3 670	(NA)	(NA)	24	3 466	21	3 679				
Corporation -----	20	2 780	(NA)	(NA)	20	2 780	16	2 707				
Other—cooperative, estate or trust, institutional, etc. -----	-	-	(NA)	(NA)	-	-	-	-				
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more				
1978	1974	1978	1974			1978	1974	1978	1974			
Operators by principal occupation:												
Farming -----	205	202	181	184								
Other -----	162	93	78	42								
Operators by age group:												
Under 25 years -----	4	-	1	-								
25 to 34 years -----	27	28	17	17								
35 to 44 years -----	50	33	33	23								
45 to 54 years -----	91	80	68	65								
55 to 64 years -----	121	94	95	77								
65 years and over -----	74	60	45	44								
Average age -----	53.9	54.6	54.1	55.3								
Operators by place of residence:												
On farm operated -----	297	239	208	184								
Not on farm operated -----	45	21	34	17								
Not reported -----	25	35	17	25								
Operators reporting days of work off farm:												
None -----	163	140	135	125								
1 to 49 days -----	22	10	17	9								
50 to 99 days -----	7	6	5	5								
100 to 149 days -----	13	13	9	11								
150 to 199 days -----	32	22	19	12								
200 days or more -----	116	66	62	30								

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more							
	1978		1974		1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased -----	85	184	91	436	41	160	65	432				
Feed for livestock and poultry -----	199	1 921	173	1 813	126	1 874	130	1 790				
Commercially mixed formula feeds -----	127	1 617	152	1 649	104	1 605	123	1 633				
Animal health costs -----	125	72	(NA)	(NA)	93	67	85	49				
Seeds, bulbs, plants, and trees -----	217	365	203	322	181	362	159	316				
Commercial fertilizer -----	259	694	249	616	206	681	202	603				
Other agricultural chemicals including lime -----	255	344	201	250	202	318	167	245				
Hired farm labor -----	197	3 334	150	3 330	157	3 306	138	3 326				
Contract labor -----	40	108	17	30	35	105	13	27				
Customwork, machine hire, and rental of machinery and equipment -----	79	85	60	35	66	78	48	34				
Energy and petroleum products -----	367	1 157	(NA)	(NA)	259	1 130	(NA)	(NA)				
Petroleum products -----	363	920	309	654	259	900	240	643				
Gasoline -----	347	376	(NA)	(NA)	243	361	240	251				
Diesel fuel -----	101	68	(NA)	(NA)	91	67	72	38				
LP gas, butane, and propane -----	30	123	(NA)	(NA)	30	123	26	157				
Fuel oil -----	87	276	(NA)	(NA)	83	276						
Natural gas -----	11	20	(NA)	(NA)	11	20	240	196				
Kerosene, motor oil, and grease -----	363	57	(NA)	(NA)	259	53						
Electricity -----	292	230	(NA)	(NA)	219	223	(NA)	(NA)				
Other—coal, wood, coke, etc. -----	33	8	(NA)	(NA)	29	7	(NA)	(NA)				

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	253	11 045	204	10 751	202	8 555
Cropland fertilized, except pasture	247	10 015	199	9 775	(NA)	7 672
Pasture and rangeland fertilized	41	1 030	32	976	(NA)	883
Lime	132	2 107	98	1 892	67	1 478
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	104	3 017	80	2 929	(NA)	2 667
Nematodes in crops	29	878	21	870	15	516
Diseases in crops and orchards	95	2 984	70	2 791	33	1 483
Weeds, grass, or brush in crops and pasture	149	5 564	117	4 432	(NA)	3 186
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	16	945	16	945	1	(D)
Insect control on livestock and poultry	49	(X)	44	(X)	12	(X)
Sanitation and rodent and bird control	80	(X)	59	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment— \$1,000 forms								
8 647	302	259	5 666		18	52	14	46
Average per farm \$1 to \$4,999	23 561	21 272	28 771	23 907	21	29	21	26
Farms by value group:					22	26	15	26
\$1 to \$4,999	34	55	17	39	13	13	13	12
\$5,000 to \$9,999	104	65	60	44	17	13	17	12
\$10,000 to \$19,999	136	62	100	44	2	2	2	2
Estimated market value of all machinery and equipment— Con.								
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
\$200,000 or more								
1978								
All farms								
Farms	Number	Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
		Farms	Number	Farms	Number			
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	254	329	132	147	154	182	232	325
Motortrucks including pickups	310	597	143	169	245	428	261	570
Wheel tractors	315	796	51	72	299	724	274	709
Grain and bean combines, self-propelled only	1	(D)	—	—	1	(D)	—	—
Corn heads for combines	1	(D)	—	—	1	(D)	6	6
Other cornpickers and picker-shellers	3	3	1	(D)	2	(D)	3	3
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	104	113	29	29	79	84	62	64
Pickup balers	116	118	11	11	105	107	116	119
Field forage harvesters, shear bar or flywheel type	74	83	12	12	66	71	68	83

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Working 150 days or more		Working less than 150 days				
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	197	94	(X)	174	(X)	157	138
Workers	2 900	(X)	504	(X)	2 396	2 808	3 634
Farms with—							
1 worker	85	43	43	86	86	65	21
2 workers	20	20	40	19	38	16	17
3 or 4 workers	27	13	39	11	36	15	18
5 to 9 workers	13	8	57	11	73	9	20
10 workers or more	52	10	325	47	2 163	52	62

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	220	(X)	175	(X)	143	(X)	130
Any cattle, hogs, or sheep	170	(X)	155	(X)	116	(X)	118
Sales:							
Any livestock or poultry and their products	190	5 286	162	4 495	125	5 221	127
Any cattle, hogs, or sheep	149	912	143	(NA)	102	862	115
CATTLE AND CALVES							
Inventory:							
Cattle and calves	152	6 163	143	6 829	105	5 617	110
Cows and heifers that had calved	133	3 696	133	4 331	94	3 440	104
Beef cows	61	499	50	453	28	263	28
Milk cows	82	3 197	102	3 878	73	3 177	91
Heifers and heifer calves	125	1 851	(NA)	(NA)	91	1 713	101
Steers, steer calves, bulls and bull calves	101	616	(NA)	(NA)	63	464	64
Sales:							
Cattle and calves	128	2 895	131	2 776	90	2 729	108
\$1,000	(X)	574	(X)	(NA)	(X)	535	(X)
Calves	98	2 075	(NA)	(NA)	80	2 008	85
\$1,000	(X)	244	(X)	(NA)	(X)	240	(X)
Cattle	110	820	(NA)	(NA)	75	721	90
\$1,000	(X)	329	(X)	(NA)	(X)	295	(X)
Fattened cattle	24	88	(NA)	(NA)	14	66	9
Dairy products	\$1,000	(X)	36	(X)	(X)	27	(X)
	\$1,000	64	3 577	(NA)	(NA)	62	(D)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	39	2 332	21	1 147	21	2 201	16
Used or to be used for breeding	12	294	(NA)	(NA)	8	284	7
Other hogs and pigs	37	2 038	(NA)	(NA)	20	1 917	15
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	13	440	11	206	8	419	9
Dec. 1 of preceding year and May 31	13	217	9	109	8	(D)	(D)
June 1 and Nov. 30	10	223	7	97	7	(D)	5
Sheep and lambs	18	347	13	386	7	199	8
Ewes 1 year old or older	13	174	(NA)	(NA)	4	79	8
Goats	10	41	(NA)	(NA)	2	(D)	1
Horses and ponies	68	292	34	232	36	143	21
Sales:							
Hogs and pigs	25	3 601	16	1 274	12	3 469	13
\$1,000	(X)	324	(X)	(NA)	(X)	317	(X)
Feeder pigs	6	(D)	6	309	4	(D)	(D)
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	6
Sheep and lambs	12	246	13	170	5	149	8
Sheep and lambs shorn	13	224	(NA)	(NA)	4	101	7
Pounds of wool	(X)	1 670	(X)	(NA)	(X)	714	(X)
Sheep, lambs, and wool	14	14	(NA)	(NA)	5	10	8
Goats	3	47	(NA)	(NA)	—	—	—
\$1,000	(X)	1	(X)	(NA)	(X)	(X)	—
Horses and ponies	18	56	8	34	11	43	5
\$1,000	(X)	39	(X)	(NA)	(X)	35	(X)
POULTRY							
Inventory:							
Any poultry	54	(X)	35	(X)	34	(X)	21
Chickens 3 months old or older	45	(D)	26	52 474	28	(D)	14
Hens and pullets of laying age	44	(D)	25	44 814	28	(D)	14
Pullets 3 months old or older	4	(D)	(NA)	(NA)	1	(D)	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	—	—	1
Broilers and other meat-type chickens	7	1 040	4	(D)	3	1 000	2
Turkeys	6	13 494	(NA)	(NA)	6	13 494	6
Turkeys for slaughter	6	(D)	(NA)	(NA)	6	(D)	6
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1
Other poultry	16	(X)	(NA)	(X)	7	(X)	5
Sales:							
Any poultry	19	(X)	13	(X)	16	(X)	11
Chickens 3 months old or older	9	22 521	10	44 618	8	(D)	8
Hens and pullets of laying age	8	(D)	9	32 588	8	(D)	7
Pullets 3 months old or older	1	(D)	(NA)	(NA)	—	—	1
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	3	1 250	1	(D)	3	1 250	1
Turkeys	4	36 600	(NA)	(NA)	4	36 600	4
Turkeys for slaughter	4	(D)	(NA)	(NA)	4	(D)	4
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1
Other poultry	3	(X)	(NA)	(X)	1	(X)	—
Poultry and poultry products	\$1,000	23	740	22	760	18	738

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	82	3 176	(X)	1	(D)	72	3 128	(X)	-	-
	1974	80	3 134	(X)	(NA)	(NA)	70	3 077	(X)	-	-
For grain or seed (bushels)	1978	16	562	47 326	1	(D)	12	553	46 420	-	-
	1974	7	119	11 172	(NA)	(NA)	4	(D)	10 272	-	-
For silage or green chop (tons, green)	1978	69	2 614	43 445	1	(D)	62	2 575	42 767	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	67	2 957	45 795	-	-
For fodder, hogged or grazed	1978	-	-	(X)	-	-	-	(X)	-	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	-	-
Sorghums for all purposes	1978	2	(D)	(X)	-	-	2	(D)	(X)	-	-
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	-	-
For grain or seed (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
For silage or green chop (tons, green)	1978	2	(D)	(D)	-	-	2	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	-	-
Cut for dry forage or hay (tons, dry)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed	1978	-	-	(X)	-	-	-	(X)	-	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Wheat for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	-	-
Oats for grain (bushels)	1978	1	(D)	(D)	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Barley for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Rye for grain (bushels)	1978	2	(D)	(D)	-	-	1	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	-	-
Other small grains for grain	1978	-	-	(X)	-	-	-	(X)	-	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	-	-
Soybeans for beans (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Tobacco (pounds)	1978	8	391	501 180	6	(D)	8	391	501 180	6	(D)
	1974	9	603	990 201	(NA)	(NA)	9	603	990 201	7	506
Irish potatoes (hundredweight)	1978	8	(D)	(D)	-	-	8	(D)	(D)	-	-
	1974	12	334	53 350	(NA)	(NA)	9	332	53 160	-	-
Sweetpotatoes (bushels)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	172	6 399	12 652	-	-	118	5 301	11 015	-	-
	1974	154	6 921	12 975	(NA)	(NA)	111	5 977	11 672	-	-
Alfalfa hay (tons, dry)	1978	65	1 295	3 006	-	-	48	1 122	2 719	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	1 492	3 192	-	-
Other tame dry hay (tons, dry) (see text)	1978	126	4 397	8 574	-	-	90	3 606	7 335	-	-
Field seed crops	1978	-	-	(X)	-	-	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Alfalfa seed (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text)	1978	76	1 651	(X)	20	565	68	1 633	(X)	18	(D)
	1974	55	1 415	(X)	(NA)	(NA)	43	1 378	(X)	24	868
Sweet corn	1978	45	618	(X)	7	89	42	616	(X)	7	89
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	400	(X)	10	118
Tomatoes	1978	42	91	(X)	12	44	37	84	(X)	10	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	30	116	(X)	17	92
Green peas excluding cowpeas	1978	11	9	(X)	3	4	11	9	(X)	3	4
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	57	(X)	7	54
Land in orchards	1978	49	847	(X)	1	(D)	33	742	(X)	-	-
	1974	35	818	(X)	(NA)	(NA)	28	788	(X)	-	-
Apples (pounds)	1978	48	754	8 460 954	(NA)	(NA)	32	675	8 388 362	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	742	8 100 782	(NA)	(NA)	(NA)
Peaches (pounds)	1978	17	50	160 220	(NA)	(NA)	11	37	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	98 792	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	3	9 010	(NA)	(NA)	3	3	9 010	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(NA)	(NA)	(NA)
Berries	1978	51	496	(X)	7	51	37	476	(X)	7	51
	1974	37	256	(X)	(NA)	(NA)	33	252	(X)	7	45
Strawberries (pounds)	1978	27	82	413 699	7	46	21	80	408 669	7	46
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	60	342 922	7	34
Nursery and greenhouse products	1978	78	549	(X)	23	29	68	533	(X)	21	(D)
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	493	61 194	495	64 891	347	49 235	323	51 051
Average size of farm	(X)	124	(X)	131	(X)	142	(X)	158
Approximate land area	(X)	338 560	(X)	338 752	(X)	338 560	(X)	338 752
Proportion in farms—percent	(X)	18.1	(X)	19.2	(X)	14.5	(X)	15.1
Value of land and buildings: ¹								
Average per farm	137 966	(X)	97 166	(X)	160 580	(X)	119 610	(X)
Average per acre	(X)	1 098	(X)	741	(X)	1 157	(X)	757
Land in farms according to use:								
Total cropland	481	32 581	480	33 662	340	28 354	315	28 677
Harvested cropland	466	24 431	466	23 221	332	21 881	309	20 672
By acres harvested:								
1 to 9 acres	130	555	123	(NA)	77	366	54	(NA)
10 to 19 acres	72	941	60	(NA)	34	440	32	(NA)
20 to 29 acres	63	1 464	61	(NA)	42	987	32	(NA)
30 to 49 acres	59	2 193	72	(NA)	48	1 822	47	(NA)
50 to 99 acres	75	5 224	97	(NA)	66	4 712	91	(NA)
100 to 199 acres	46	6 242	37	(NA)	45	(D)	37	(NA)
200 to 499 acres	18	5 613	13	(NA)	17	(D)	13	(NA)
500 to 999 acres	3	2 199	2	(NA)	3	2 199	2	(NA)
1,000 acres or more	—	—	1	(NA)	—	—	1	(NA)
Cropland used only for pasture	179	6 596	200	8 269	125	5 172	145	6 818
Other cropland	125	1 554	111	2 172	91	1 301	78	1 187
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	33	386	(NA)	(NA)	24	338	28	163
Cropland on which all crops failed	12	96	(NA)	(NA)	11	(D)	12	82
Cropland in cultivated summer fallow	13	269	(NA)	(NA)	10	(D)	12	215
Cropland idle	82	803	(NA)	(NA)	56	612	40	727
Total woodland	287	22 258	281	23 586	198	15 787	194	17 060
Woodland pastured	92	3 563	(NA)	(NA)	75	2 823	57	2 510
Woodland not pastured	254	18 695	(NA)	(NA)	174	12 964	176	14 550
Other land	323	6 355	336	7 643	229	5 094	228	5 314
Pastureland and rangeland, other than cropland and woodland pastured	64	2 454	(NA)	(NA)	54	2 220	63	2 612
Land in house lots, ponds, roads, wasteland, etc.	304	3 901	(NA)	(NA)	214	2 874	214	2 702
Pastureland, all types	244	12 613	(NA)	(NA)	180	10 215	(NA)	11 940
Irrigated land	21	292	23	501	19	(D)	20	496
Harvested cropland irrigated	21	292	(NA)	(NA)	19	(D)	20	416
Pastureland irrigated	—	—	(NA)	(NA)	—	—	(NA)	80
Other land irrigated	—	—	(NA)	(NA)	—	—	—	—
Land set aside in the federal farm programs in 1978	3	(D)	(X)	(X)	3	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	493	21 741	495	18 220	347	21 303	323	17 955
Average per farm	(X)	44 100	(X)	36 808	(X)	61 393	(X)	55 588
Farms by value of agricultural products sold: ¹								
\$100,000 or more	46	14 179	30	(NA)	46	14 179	30	(NA)
\$40,000 to \$99,999	70	4 423	66	(NA)	70	4 423	66	(NA)
\$20,000 to \$39,999	48	1 354	75	(NA)	48	1 354	75	(NA)
\$10,000 to \$19,999	45	630	59	(NA)	45	630	59	(NA)
\$5,000 to \$9,999	69	476	52	(NA)	69	476	52	(NA)
\$2,500 to \$4,999	69	241	39	(NA)	69	241	39	(NA)
Less than \$2,500 (see text)	143	166	172	(NA)	(X)	(X)	2	(NA)
\$2,000 to \$2,499	25	55	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	28	46	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	36	44	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	54	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	272	2	(NA)	(X)	(X)	(X)	(X)
Crops	327	9 750	367	8 900	232	9 562	(NA)	8 719
Grains	30	203	(NA)	(NA)	26	199	21	160
Commodity Credit Corporation loans	1	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	23	1 545	(NA)	(NA)	23	1 545	26	1 900
Field seeds, hay, forage, and silage	129	373	(NA)	(NA)	83	324	72	402
Vegetables, sweet corn, and melons	150	1 876	(NA)	(NA)	115	1 835	122	1 266
Fruits, nuts, and berries	53	1 264	(NA)	(NA)	39	1 179	44	728
Nursery and greenhouse products	44	2 409	40	2 226	40	2 405	34	2 217
Other crops	41	2 080	(NA)	(NA)	36	2 075	43	2 046
Livestock, poultry, and their products	248	11 991	245	9 263	197	11 742	183	9 186
Poultry and poultry products	36	2 886	33	2 845	27	2 872	24	2 832
Dairy products	114	7 369	(NA)	(NA)	112	(D)	122	5 457
Cattle and calves	198	1 220	(NA)	(NA)	165	1 159	152	678
Hogs and pigs	32	414	(NA)	(NA)	25	411	19	187
Sheep, lambs, and wool	19	51	(NA)	(NA)	9	40	7	23
Other livestock and livestock products (see text)	32	51	(NA)	(NA)	19	(D)	12	8

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms -----	493	495	61 194	466	58 441	24 431	21	1 130	575	292
Farms with -----										
1 to 9 acres -----	71	55	337	60	305	212	4	13	4	4
10 to 49 acres -----	149	140	3 852	142	3 638	1 971	9	185	134	94
50 to 69 acres -----	34	38	1 938	33	1 878	876	1	(D)	(D)	(D)
70 to 99 acres -----	39	37	3 283	38	3 203	1 651	2	(D)	(D)	(D)
100 to 139 acres -----	41	45	4 662	38	4 327	1 670	4	453	198	75
140 to 179 acres -----	39	50	6 141	38	5 981	2 168	-	-	-	-
180 to 219 acres -----	36	34	7 169	35	6 969	2 189	-	-	-	-
220 to 259 acres -----	13	24	3 182	13	3 182	1 331	-	-	-	-
260 to 499 acres -----	57	57	19 534	56	19 153	7 904	1	(D)	(D)	(D)
500 to 999 acres -----	11	13	6 716	11	(D)	(D)	-	-	-	-
1,000 to 1,999 acres -----	3	2	4 380	2	(D)	(D)	-	-	-	-
2,000 acres or more -----	-	-	-	-	-	-	-	-	-	-

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

	All farms				Farms with sales of \$2,500 or more					
	1978		1974		1978		1974			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Land in farms -----										
Harvested cropland -----	493	61 194	495	64 891	347	49 235	323	51 051		
466	24 431	466	23 221	332	21 881	309	20 672			
Tenure of operator:										
Full owners -----	286	22 401	309	29 359	172	13 426	161	17 584		
Harvested cropland -----	261	5 953	(NA)	7 291	158	4 462	(NA)	5 297		
Part owners -----	174	34 479	156	31 462	150	31 651	137	29 452		
Harvested cropland -----	173	16 380	(NA)	13 878	149	15 469	(NA)	13 340		
Tenants -----	33	4 314	30	4 070	25	4 158	25	4 015		
Harvested cropland -----	32	2 098	(NA)	2 052	25	1 950	(NA)	2 035		
Type of organization:										
Individual or family -----	416	44 910	(NA)	(NA)	280	34 459	278	39 059		
Partnership -----	49	7 740	(NA)	(NA)	43	(D)	27	6 333		
Corporation -----	23	7 307	(NA)	(NA)	23	7 307	18	5 659		
Other—cooperative, estate or trust, institutional, etc. -----	5	1 237	(NA)	(NA)	1	(D)	-	-		
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more		
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974	
Operators by principal occupation:										
Farming -----	297	294	251	234	On farm operated -----		406	395	286	254
Other -----	196	181	96	71	Not on farm operated -----		58	37	39	24
Operators by age group:					Not reported -----		29	43	22	27
Under 25 years -----	13	12	11	9	Operators by place of residence:					
25 to 34 years -----	45	22	30	9	On farm operated -----		232	181	191	151
35 to 44 years -----	57	51	36	30	Not on farm operated -----		24	32	21	18
45 to 54 years -----	106	116	79	91	Not reported -----		19	22	12	12
55 to 64 years -----	165	161	122	109	Operators reporting days of work off farm:					
65 years and over -----	107	113	69	57	None -----		14	12	11	6
Average age -----	53.9	55.8	53.7	55.2	1 to 49 days -----		27	39	20	26
					50 to 99 days -----		27	39	20	26
					100 to 149 days -----		161	121	80	45
					150 to 199 days -----					
					200 days or more -----					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased -----	148	813	153	681	119	791	104	658
Feed for livestock and poultry -----	235	4 467	252	3 704	187	4 351	174	3 650
Commercially mixed formula feeds -----	173	3 999	230	3 488	140	3 958	171	3 440
Animal health costs -----	211	158	(NA)	(NA)	165	143	125	84
Seeds, bulbs, plants, and trees -----	328	620	317	689	260	607	243	681
Commercial fertilizer -----	400	1 221	379	1 104	287	1 161	274	1 073
Other agricultural chemicals including lime -----	351	488	289	435	270	453	221	425
Hired farm labor -----	262	3 772	260	2 814	223	3 604	211	2 754
Contract labor -----	37	51	11	30	37	51	5	29
Customwork, machine hire, and rental of machinery and equipment -----	114	86	134	99	91	71	98	88
Energy and petroleum products -----	488	1 780	(NA)	(NA)	342	1 690	(NA)	(NA)
Petroleum products -----	488	1 396	489	937	342	1 330	323	901
Gasoline -----	486	583	(NA)	(NA)	340	535	321	365
Diesel fuel -----	188	158	(NA)	(NA)	165	153	97	66
LP gas, butane, and propane -----	29	61	(NA)	(NA)	22	60	39	81
Fuel oil -----	103	515	(NA)	(NA)	95	510	321	389
Natural gas -----	3	1	(NA)	(NA)	3	1	(NA)	(NA)
Kerosene, motor oil, and grease -----	488	78	(NA)	(NA)	342	71	351	(NA)
Electricity -----	366	373	(NA)	(NA)	263	351	(NA)	(NA)
Other—coal, wood, coke, etc. -----	51	12	(NA)	(NA)	23	10	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	381	21 263	286	19 961	274	16 879
Pasture and rangeland fertilized	375	18 716	286	17 468	(NA)	15 080
Lime	94	2 547	76	2 493	(NA)	1 799
Sprays, dusts, granules, fumigants, etc. to control—	202	4 846	155	4 285	105	2 974
Insects on hay and other crops	144	5 146	111	4 699	(NA)	5 192
Nematodes in crops	24	265	24	265	12	240
Diseases in crops and orchards	106	3 054	69	2 789	34	1 567
Weeds, grass, or brush in crops and pasture	230	9 684	201	9 379	(NA)	6 224
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	21	950	8	870	8	373
Insect control on livestock and poultry	97	(X)	88	(X)	24	(X)
Sanitation and rodent and bird control	92	(X)	65	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—								
farms	\$1,000—							
Average per farm	dollars							
\$1 to \$4,999	493	491	347	323	35	80	35	63
\$5,000 to \$9,999	13 338	10 036	12 191	8 314	58	56	57	49
\$10,000 to \$19,999	27 054	20 440	35 132	25 740	31	25	31	25
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
\$200,000 or more								
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
\$200,000 or more								
1978						1974		
All farms			Manufactured 1974 to 1978		Manufactured prior to 1974			
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	313	433	138	174	208	259	399	549
Motortrucks including pickups	424	1 042	134	178	354	864	425	955
Wheel tractors	437	1 126	78	108	432	1 018	458	1 090
Grain and bean combines, self-propelled only	2	(D)	1	(D)	1	(D)	9	18
Corn heads for combines	20	20	12	12	8	8	7	8
Other cornpickers and picker-shellers	30	30	3	3	27	27	30	3
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	152	155	58	58	96	97	133	151
Pickup balers	189	199	37	38	153	161	201	207
Field forage harvesters, shear bar or flywheel type	110	130	35	37	78	93	100	124

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978						Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days		1978	1974	
		Farms	Workers	Farms	Workers			
Farms	262	135	(X)	616	220	(X)	223	211
Workers	2 798					2 182	2 421	2 803
Farms with—								
1 worker	56	51	51	52	52	50	50	26
2 workers	51	36	72	52	104	27	18	38
3 or 4 workers	48	15	50	32	111	47	38	60
5 to 9 workers	53	24	145	41	262	52	60	69
10 workers or more	54	9	298	43	1 653	47	47	69

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	289	(X)	274	(X)	210	(X)	185	(X)
Any cattle, hogs, or sheep	242	(X)	236	(X)	185	(X)	169	(X)
Sales:								
Any livestock or poultry and their products	248	11 991	245	9 263	197	11 742	183	9 186
Any cattle, hogs, or sheep	218	1 685	213	(NA)	178	1 610	165	888
CATTLE AND CALVES								
Inventory:								
Cattle and calves	222	11 558	219	11 619	172	10 947	158	10 854
Cows and heifers that had calved	194	6 468	200	6 604	154	6 203	145	6 193
Beef cows	80	535	67	537	50	400	28	218
Milk cows	147	5 933	165	6 067	130	5 803	134	5 975
Heifers and heifer calves	173	4 352	(NA)	(NA)	142	4 120	136	3 885
Steers, steer calves, bulls and bull calves	133	738	(NA)	(NA)	103	624	84	776
Sales:								
Cattle and calves	198	5 409	195	4 984	165	5 151	152	4 726
\$1,000	(X)	1 220	(X)	(NA)	(X)	1 159	(X)	678
Calves	154	3 115	(NA)	(NA)	132	2 983	125	2 737
Cattle	181	2 294	(NA)	(NA)	152	2 168	136	1 989
\$1,000	(X)	1 031	(X)	(NA)	(X)	981	(X)	582
Fattened cattle	22	165	(NA)	(NA)	15	148	12	503
\$1,000	(X)	87	(X)	(NA)	(X)	81	(X)	140
Dairy products	114	7 369	(NA)	(NA)	112	(D)	122	5 457
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	41	2 588	35	2 011	30	2 506	24	1 936
Used or to be used for breeding	20	465	(NA)	(NA)	16	444	15	254
Other hogs and pigs	40	2 123	(NA)	(NA)	29	2 062	24	1 682
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	20	749	17	452	16	731	16	(D)
Dec. 1 of preceding year and May 31	19	362	16	235	15	(D)	15	(D)
June 1 and Nov. 30	17	387	11	217	15	(D)	10	(D)
Sheep and lambs	24	969	23	968	10	624	11	431
Ewes 1 year old or older	19	735	(NA)	(NA)	10	541	8	338
Goats	9	137	(NA)	(NA)	5	79	1	(D)
Horses and ponies	76	400	86	289	48	150	40	140
Sales:								
Hogs and pigs	32	4 505	20	2 676	25	4 416	19	(D)
\$1,000	(X)	414	(X)	(NA)	(X)	411	(X)	187
Feeder pigs	10	1 102	7	635	7	1 071	6	(D)
Sheep and lambs	(X)	39	(X)	(NA)	(X)	38	(X)	10
Sheep and lambs shorn	18	557	13	631	9	311	7	449
Pounds of wool	16	955	(NA)	(NA)	9	658	7	464
Sheep, lambs, and wool	6 181	(X)	(X)	(NA)	(X)	4 672	(X)	3 328
Goats	19	51	(NA)	(NA)	9	40	7	23
Horses and ponies	9	125	(NA)	(NA)	5	91	1	(D)
\$1,000	(X)	4	(X)	(NA)	(X)	3	(X)	(Z)
Poultry	15	28	11	13	8	21	9	(D)
\$1,000	(X)	26	(X)	(NA)	(X)	18	(X)	7
POULTRY								
Inventory:								
Any poultry	70	(X)	61	(X)	45	(X)	38	(X)
Chickens 3 months old or older	60	287 026	56	223 822	38	282 515	34	221 650
Hens and pullets of laying age	60	(D)	52	223 422	38	(D)	34	(D)
Pullets 3 months old or older	8	(D)	(NA)	(NA)	5	(D)	2	(D)
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	1	(D)	—	—
Broilers and other meat-type chickens	6	239	3	415	2	(D)	2	(D)
Turkeys	8	1 554	(NA)	(NA)	4	1 492	2	(D)
Turkeys for slaughter	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	1	(D)	—	—
Other poultry	23	(X)	(NA)	(X)	13	(X)	6	(X)
Sales:								
Any poultry	30	(X)	25	(X)	21	(X)	19	(X)
Chickens 3 months old or older	22	119 165	16	112 647	16	118 178	11	111 869
Hens and pullets of laying age	22	119 165	16	112 547	16	118 178	11	111 869
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—	—
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	—	—
Broilers and other meat-type chickens	4	(D)	5	115	1	(D)	3	(D)
Turkeys	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkeys for slaughter	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	5	(X)	(NA)	(X)	3	(X)	4	(X)
Poultry and poultry products	36	2 886	33	2 845	27	2 872	24	2 832

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	148	6 340	(X)	—	127	6 039	(X)	—	—
	1974	155	5 872	(X)	(NA)	130	5 726	(X)	2	(D)
For grain or seed (bushels)	1978	59	1 653	154 801	—	45	1 507	149 985	—	—
	1974	48	1 464	109 406	(NA)	42	1 451	108 387	2	(D)
For silage or green chop (tons, green)	1978	109	4 687	82 965	—	101	4 532	80 037	—	—
	1974	(NA)	(NA)	(NA)	(NA)	100	4 275	67 710	—	—
For fodder, hogged or grazed	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	—	—	(X)	—	—
Sorghums for all purposes	1978	5	22	(X)	—	5	22	(X)	—	—
	1974	9	83	(X)	(NA)	9	83	(X)	—	—
For grain or seed (bushels)	1978	1	(D)	(D)	—	1	(D)	(D)	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)	1978	4	(D)	150	—	4	(D)	150	—	—
	1974	(NA)	(NA)	(NA)	(NA)	9	83	587	—	—
Cut for dry forage or hay (tons, dry)	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	—	—	(X)	—	—
Hogged or grazed	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	—	—	(X)	—	—
Wheat for grain (bushels)	1978	—	—	—	—	—	—	—	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
Oats for grain (bushels)	1978	3	(D)	(D)	—	2	(D)	(D)	—	—
	1974	(NA)	(NA)	(NA)	(NA)	5	24	780	—	—
Barley for grain (bushels)	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Rye for grain (bushels)	1978	8	235	4 182	—	5	210	3 602	—	—
	1974	(NA)	(NA)	(NA)	(NA)	4	65	1 086	—	—
Other small grains for grain	1978	—	—	(X)	—	—	—	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	1	(D)	(X)	—	—
Soybeans for beans (bushels)	1978	1	(D)	(D)	—	1	(D)	(D)	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
Peanuts for nuts (pounds)	1978	—	—	—	—	—	—	—	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	1978	—	—	—	—	—	—	—	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	1978	23	343	581 352	4	23	343	581 352	4	(D)
	1974	28	331	605 098	(NA)	26	(D)	(D)	5	197
Irish potatoes (hundredweight)	1978	34	2 020	441 195	1	31	2 010	440 625	1	(D)
	1974	47	2 553	481 186	(NA)	39	2 536	478 751	3	46
Sweetpotatoes (bushels)	1978	—	—	—	—	—	—	—	—	—
	1974	—	—	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text)	1978	286	13 396	29 322	—	199	11 434	26 757	—	—
	1974	265	11 736	25 704	(NA)	174	9 628	22 602	2	(D)
Alfalfa hay (tons, dry)	1978	103	2 300	6 337	—	81	2 059	5 930	—	—
	1974	(NA)	(NA)	(NA)	(NA)	76	2 175	6 423	—	—
Other tame dry hay (tons, dry) (see text)	1978	217	8 702	18 020	—	150	7 203	16 145	—	—
Field seed crops	1978	2	(D)	(X)	(NA)	1	(D)	(X)	—	—
	1974	(NA)	(NA)	(X)	(NA)	1	(D)	(X)	—	—
Alfalfa seed (pounds)	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—
Red clover seed (pounds)	1978	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—
All vegetables harvested for sale (see text)	1978	150	2 066	(X)	8	129	115	1 932	(X)	8
	1974	177	1 805	(X)	(NA)	123	1 664	(X)	10	129
Sweet corn	1978	66	713	(X)	5	88	55	673	(X)	5
	1974	(NA)	(NA)	(X)	(NA)	49	496	(X)	4	88
Tomatoes	1978	30	37	(X)	4	7	24	34	(X)	4
	1974	(NA)	(NA)	(X)	(NA)	25	30	(X)	4	80
Green peas excluding cowpeas	1978	—	—	(X)	—	—	—	(X)	—	6
	1974	(NA)	(NA)	(X)	(NA)	6	2	(X)	1	6
Land in orchards	1978	35	768	(X)	—	23	613	(X)	—	—
	1974	39	850	(X)	(NA)	29	758	(X)	1	(D)
Apples (pounds)	1978	35	695	8 022 823	(NA)	23	557	7 371 848	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	678	5 639 030	(NA)	(NA)
Peaches (pounds)	1978	11	43	137 050	(NA)	8	31	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	48	73 864	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	1	60	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	—	—	—	(NA)	(NA)
Berries	1978	36	69	(X)	3	3	26	51	(X)	1
	1974	37	114	(X)	(NA)	24	93	(X)	5	(D)
Strawberries (pounds)	1978	26	42	85 583	1	(D)	20	31	70 077	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	24	68 900	5
Nursery and greenhouse products	1978	44	88	(X)	10	44	40	87	(X)	10
	1974	13	62	(X)	(NA)	11	(D)	(X)	(NA)	44
Other crops	1978	—	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	574	41 529	504	42 974	434	32 961	365	33 466
Average size of farm	(X)	72	(X)	85	(X)	76	(X)	92
Approximate land area	(X)	528 000	(X)	528 128	(X)	528 000	(X)	528 128
Proportion in farms percent	(X)	7.9	(X)	8.1	(X)	6.2	(X)	6.3
Value of land and buildings: ¹								
Average per farm	256	638	(X)	167 381	(X)	248 961	(X)	187 890
Average per acre								
Land in farms according to use:								
Total cropland	520	23 131	463	22 320	396	20 063	331	18 866
Harvested cropland	475	17 260	441	18 088	367	15 477	319	15 846
By acres harvested:								
1 to 9 acres	196	549	188	(NA)	143	361	124	(NA)
10 to 19 acres	64	858	49	(NA)	37	492	36	(NA)
20 to 29 acres	50	1 168	41	(NA)	38	909	22	(NA)
30 to 49 acres	62	2 297	49	(NA)	51	1 881	35	(NA)
50 to 99 acres	61	4 151	62	(NA)	58	3 954	51	(NA)
100 to 199 acres	29	3 874	33	(NA)	28	(D)	33	(NA)
200 to 499 acres	11	(D)	17	(NA)	10	(D)	16	(NA)
500 to 999 acres	2	(D)	2	(NA)	2	(D)	2	(NA)
1,000 acres or more	-	-	-	(NA)	-	-	-	(NA)
Cropland used only for pasture	168	4 282	127	2 668	112	3 321	68	1 884
Other cropland	117	1 589	80	1 564	85	1 265	52	1 136
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	26	350	(NA)	(NA)	21	323	11	129
Cropland on which all crops failed	12	88	(NA)	(NA)	8	(D)	6	471
Cropland in cultivated summer fallow	13	67	(NA)	(NA)	12	(D)	6	233
Cropland idle	88	1 084	(NA)	(NA)	62	794	31	303
Total woodland	289	12 709	242	14 404	200	8 533	151	9 998
Woodland pastured	70	1 485	(NA)	(NA)	53	1 087	47	2 311
Woodland not pastured	244	11 224	(NA)	(NA)	168	7 446	117	7 687
Other land	414	5 689	344	6 250	317	4 365	253	4 602
Pastureland and rangeland, other than cropland and woodland pastured	58	1 091	(NA)	(NA)	40	883	28	768
Land in house lots, ponds, roads, wasteland, etc	393	4 598	(NA)	(NA)	303	3 482	242	3 834
Pastureland, all types	236	6 858	(NA)	(NA)	158	5 291	(NA)	4 963
Irrigated land	128	1 279	121	1 633	118	1 227	118	1 576
Harvested cropland irrigated	127	(D)	(NA)	(NA)	117	(D)	118	1 548
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	10
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	3	18
Land set aside in the federal farm programs in 1978	5	79	(X)	(X)	4	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	574	41 016	504	37 642	434	40 521	365	37 216
Average per farm	(X)	71 457	(X)	74 687	(X)	93 367	(X)	101 962
Farms by value of agricultural products sold: ¹								
\$100,000 or more	62	31 659	58	(NA)	62	31 659	58	(NA)
\$40,000 to \$99,999	85	5 396	93	(NA)	85	5 396	93	(NA)
\$20,000 to \$39,999	58	1 714	61	(NA)	58	1 714	61	(NA)
\$10,000 to \$19,999	74	1 023	56	(NA)	74	1 023	56	(NA)
\$5,000 to \$9,999	57	393	52	(NA)	57	393	52	(NA)
\$2,500 to \$4,999	98	337	44	(NA)	98	337	44	(NA)
Less than \$2,500 (see text)	136	162	136	(NA)	(X)	(X)	1	(NA)
\$2,000 to \$2,499	25	54	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	31	53	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	36	45	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	44	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	333	4	(NA)	(X)	(X)	(X)	(X)
Crops	382	20 437	397	23 699	319	20 268	(NA)	23 563
Grains	-	-	(NA)	(NA)	-	-	2	(D)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	-	-
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	124	619	(NA)	(NA)	94	(D)	71	580
Vegetables, sweet corn, and melons	125	2 081	(NA)	(NA)	103	2 028	104	2 561
Fruits, nuts, and berries	69	1 762	(NA)	(NA)	60	1 754	57	1 906
Nursery and greenhouse products	149	15 952	151	18 450	138	15 930	134	18 435
Other crops	14	24	(NA)	(NA)	12	(D)	15	72
Livestock, poultry, and their products	264	20 579	221	13 836	190	20 253	147	13 556
Poultry and poultry products	69	2 968	55	4 915	43	2 917	39	4 868
Dairy products	51	2 934	(NA)	(NA)	44	2 756	48	2 437
Cattle and calves	142	732	(NA)	(NA)	103	671	89	616
Hogs and pigs	60	1 450	(NA)	(NA)	45	1 439	29	619
Sheep, lambs, and wool	33	26	(NA)	(NA)	17	18	7	2
Other livestock and livestock products (see text)	54	12 469	(NA)	(NA)	35	12 451	20	5 013

¹1974 data include sales of forest products.

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

Forms	1978									
			Farms with harvested cropland			Farms with irrigated land				
	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms -----	574	504	41 529	475	37 768	17 260	128	5 591	3 159	1 279
Forms with-----										
1 to 9 acres -----	149	118	575	119	470	212	57	237	94	83
10 to 49 acres -----	189	145	5 070	141	3 845	1 963	39	938	473	261
50 to 69 acres -----	50	60	2 879	38	2 199	976	10	588	177	122
70 to 99 acres -----	55	47	4 552	51	4 214	2 231	8	675	475	282
100 to 139 acres -----	48	50	5 660	45	5 325	2 067	5	567	330	199
140 to 179 acres -----	28	29	4 366	28	4 366	1 645	3	440	259	51
180 to 219 acres -----	19	11	3 757	19	3 757	1 717	3	613	351	121
220 to 259 acres -----	11	12	2 690	11	2 690	1 177	-	-	-	-
260 to 499 acres -----	17	19	6 362	16	5 934	2 560	2	(D)	(D)	(D)
500 to 999 acres -----	8	11	5 618	7	4 968	2 712	1	(D)	(D)	(D)
1,000 to 1,999 acres -----	-	2	-	-	-	-	-	-	-	-
2,000 acres or more -----	-	-	-	-	-	-	-	-	-	-

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

	All farms				Farms with sales of \$2,500 or more					
	1978		1974		1978		1974			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres		
Land in farms -----	574	41 529	504	42 974	434	32 961	365	33 466		
Harvested cropland -----	475	17 260	441	18 086	367	15 477	319	15 846		
Tenure of operator:										
Full owners -----	388	19 506	360	22 032	279	12 587	248	14 021		
Harvested cropland -----	310	5 014	(NA)	6 244	228	3 799	(NA)	4 597		
Part owners -----	141	19 314	110	17 970	116	17 703	87	16 477		
Harvested cropland -----	133	10 775	(NA)	10 088	109	(D)	(NA)	9 496		
Tenants -----	45	2 709	34	2 972	39	2 671	30	2 968		
Harvested cropland -----	32	1 471	(NA)	1 756	30	(D)	(NA)	1 753		
Type of organization:										
Individual or family -----	445	31 439	(NA)	(NA)	321	25 001	272	25 243		
Partnership -----	45	2 104	(NA)	(NA)	38	(D)	25	(D)		
Corporation -----	76	5 703	(NA)	(NA)	73	5 466	66	6 621		
Other—cooperative, estate or trust, institutional, etc. -----	8	2 283	(NA)	(NA)	2	(D)	2	(D)		
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more		
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974	
Operators by principal occupation:										
Farming -----	329	258	282	222	Operators by place of residence:		448	344	331	228
Other -----	245	174	152	75	On farm operated -----		80	33	66	26
Operators by age group:										
Under 25 years -----	7	4	6	2	Not on farm operated -----		46	55	37	43
25 to 34 years -----	71	27	57	21	Not reported -----					
35 to 44 years -----	105	75	77	51	Operators reporting days of work off farm:					
45 to 54 years -----	143	120	111	77	None -----		270	174	227	149
55 to 64 years -----	143	122	101	87	1 to 49 days -----		25	19	22	14
65 years and over -----	105	84	82	59	50 to 99 days -----		19	5	16	2
Average age -----	51.7	53.4	51.6	53.7	100 to 149 days -----		27	12	24	6
					150 to 199 days -----		33	24	28	13
					200 days or more -----		174	119	96	41

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more					
	1978		1974		1978		1974			
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)		
Livestock and poultry purchased -----	172	2 593	141	891	142	2 567	90	873		
Feed for livestock and poultry -----	258	6 076	226	7 806	183	5 924	142	7 689		
Commercially mixed formula feeds -----	136	5 051	173	7 480	104	4 965	133	7 380		
Animal health costs -----	210	259	(NA)	(NA)	150	251	103	84		
Seeds, bulbs, plants, and trees -----	306	1 870	290	2 715	251	1 864	223	2 707		
Commercial fertilizer -----	408	620	353	494	326	593	271	471		
Other agricultural chemicals including lime -----	370	385	268	365	303	369	204	375		
Hired farm labor -----	320	11 518	279	8 071	276	11 251	244	7 951		
Contract labor -----	55	314	23	74	51	313	18	74		
Customwork, machine hire, and rental of machinery and equipment -----	99	594	98	79	65	586	57	70		
Energy and petroleum products -----	564	3 547	(NA)	(NA)	428	3 504	(NA)	(NA)		
Petroleum products -----	564	2 607	477	2 812	428	2 579	353	2 786		
Gasoline -----	537	608	(NA)	(NA)	402	586	345	504		
Diesel fuel -----	144	107	(NA)	(NA)	131	104	70	50		
LP gas, butane, and propane -----	82	63	(NA)	(NA)	82	63	63	59		
Fuel oil -----	148	1 504	(NA)	(NA)	145	1 503				
Natural gas -----	25	83	(NA)	(NA)	25	83	353	2 173		
Kerosene, motor oil, and grease -----	564	242	(NA)	(NA)	428	239				
Electricity -----	391	916	(NA)	(NA)	325	903	(NA)	(NA)		
Other—coal, wood, coke, etc. -----	51	23	(NA)	(NA)	42	22	(NA)	(NA)		

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

(1978 data are based on a sample of farms; see text)								
	All farms		Farms with sales of \$2,500 or more					
	1978		1978		1974			
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	384	12 062	311	11 369	271	10 436		
Cropland fertilized, except pasture	380	11 233	311	10 607	(NA)	10 184		
Pasture and rangeland fertilized	54	829	37	762	(NA)	252		
Lime	175	2 574	143	2 332	58	1 579		
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	143	2 353	121	2 182	(NA)	4 164		
Nematodes in crops	10	187	10	187	3	31		
Diseases in crops and orchards	155	2 167	122	2 086	46	1 555		
Weeds, grass, or brush in crops and pasture	141	2 819	116	2 560	(NA)	4 010		
Chemicals for—								
Defoliation or for growth control of crops or thinning of fruit	33	676	33	676	16	508		
Insect control on livestock and poultry	91	(X)	73	(X)	25	(X)		
Sanitation and rodent and bird control	122	(X)	84	(X)	(NA)	(X)		

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

(1978 data are based on a sample of farms; see text)								
	All farms		Farms with sales of \$2,500 or more					
	1978		1974	1978	1974			1978
	Farms	Number		Farms	Number		Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms	573	481	433	351				
\$1,000 dollars	13 336	12 080	12 331	10 834				
Average per farm	23 273	25 114	28 477	30 866				
Farms by value group:								
\$1 to \$4,999	96	125	67	69				
\$5,000 to \$9,999	163	70	71	42				
\$10,000 to \$19,999	103	110	86	78				
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999							77	65
\$30,000 to \$49,999							58	57
\$50,000 to \$69,999							53	21
\$70,000 to \$99,999							8	8
\$100,000 to \$199,999							10	9
\$200,000 or more							5	5
ALL MACHINERY AND EQUIPMENT—Con.								
1978								
All farms								
Farms	Number		Farms	Number		Farms	Number	
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	334	456	146	197	212	259	327	467
Motortrucks including pickups	437	1 018	191	275	342	743	377	948
Wheel tractors	471	1 120	89	123	437	997	390	917
Grain and bean combines, self-propelled only	—	—	—	—	—	—	—	176
Corn heads for combines	8	8	4	4	4	4	9	10
Other cornpickers and picker-shellers	1	(D)	—	—	1	(D)	6	7
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	129	149	59	67	70	82	60	69
Pickup balers	144	165	54	54	97	111	117	121
Field forage harvesters, shear bar or flywheel type	70	71	16	16	55	55	61	71
Manufactured prior to 1974								
Farms	Number		Farms	Number		Farms	Number	
Manufactured 1970 to 1974								
Farms	Number		Farms	Number		Farms	Number	

Table 8. Hired Farm Workers: 1978 and 1974

(1978 data are based on a sample of farms; see text)								
	Hired workers—All farms, 1978							
	Any	Working 150 days or more		Working less than 150 days		Any hired workers—Farms with sales of \$2,500 or more		
		Farms	Workers	Farms	Workers	1978	1974	
Farms	320	184	(X)	254	(X)	276	244	
Workers	3 330	(X)	1 260	(X)	2 070	3 219	3 397	
Farms with—								
1 worker	47	75	75	28	28	38	29	
2 workers	65	41	82	66	132	37	25	
3 or 4 workers	61	28	97	68	235	56	45	
5 to 9 workers	84	19	123	48	306	83	57	
10 workers or more	63	21	883	44	1 369	62	88	

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	303	(X)	255	(X)	207	(X)	153	(X)
Any cattle, hogs, or sheep	209	(X)	180	(X)	141	(X)	116	(X)
Sales:								
Any livestock or poultry and their products	264	20 579	221	13 836	190	20 253	147	13 556
Any cattle, hogs, or sheep	195	2 207	157	(NA)	138	2 129	107	1 237
CATTLE AND CALVES								
Inventory:								
Cattle and calves	162	5 719	152	6 592	104	4 941	96	5 743
Cows and heifers that had calved	146	3 135	135	3 954	92	2 762	91	3 584
Beef cows	99	919	83	1 266	50	704	45	1 027
Milk cows	73	2 216	66	2 688	58	2 058	56	2 557
Heifers and heifer calves	109	1 842	(NA)	(NA)	72	1 600	66	1 534
Steers, steer calves, bulls and bull calves	114	742	(NA)	(NA)	72	579	57	625
Sales:								
Cattle and calves	142	2 971	127	2 660	103	2 738	89	2 453
Calves	(X)	732	(X)	(NA)	(X)	671	(X)	616
Cattle	97	1 636	(NA)	(NA)	77	1 518	60	1 096
Fattened cattle	(X)	123	(X)	(NA)	(X)	111	(X)	63
Dairy products	122	1 335	(NA)	(NA)	89	1 220	84	1 357
\$1,000	(X)	609	(X)	(NA)	(X)	560	(X)	552
\$1,000	32	112	(NA)	(NA)	19	72	10	70
\$1,000	(X)	45	(X)	(NA)	(X)	28	(X)	18
HOGS, SHEEP, GOATS, AND HORSES	51	2 934	(NA)	(NA)	44	2 756	48	2 437
Inventory:								
Hogs and pigs	73	13 766	49	7 414	48	13 322	34	7 176
Used or to be used for breeding	39	1 249	(NA)	(NA)	30	1 198	19	852
Other hogs and pigs	67	12 517	(NA)	(NA)	45	12 124	34	6 324
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	41	1 451	22	912	31	1 404	19	889
Dec. 1 of preceding year and May 31	36	629	18	435	27	600	16	(D)
June 1 and Nov. 30	30	822	20	477	23	804	17	(D)
Sheep and lambs	37	664	32	651	20	411	10	182
Ewes 1 year old or older	30	379	(NA)	(NA)	16	237	7	109
Goats	18	126	(NA)	(NA)	11	70	1	(D)
Horses and ponies	125	998	75	468	76	611	40	327
Sales:								
Hogs and pigs	60	13 850	34	8 813	45	13 585	29	8 672
\$1,000	(X)	1 450	(X)	(NA)	(X)	1 439	(X)	619
Feeder pigs	16	876	6	971	11	754	6	971
Sheep and lambs	29	362	21	301	15	240	5	95
Sheep and lambs shorn	30	505	(NA)	(NA)	16	321	5	108
Pounds of wool	(X)	3 568	(X)	(NA)	(X)	2 327	(X)	532
Sheep, lambs, and wool	33	26	(NA)	(NA)	17	18	7	2
Goats	8	101	(NA)	(NA)	5	67	1	(D)
Horses and ponies	29	188	17	161	20	174	14	158
\$1,000	(X)	270	(X)	(NA)	(X)	264	(X)	120
POULTRY								
Inventory:								
Any poultry	102	(X)	81	(X)	59	(X)	44	(X)
Chickens 3 months old or older	84	216 742	78	464 282	48	212 248	41	459 993
Hens and pullets of laying age	83	193 502	72	365 700	47	189 188	40	362 042
Pullets 3 months old or older	10	23 240	(NA)	(NA)	6	23 060	10	89 941
Pullet chicks and pullets under 3 months old	8	(D)	(NA)	(NA)	7	(D)	6	82 805
Broilers and other meat-type chickens	11	14 416	4	9 767	5	13 811	3	(D)
Turkeys	9	7 038	(NA)	(NA)	3	6 900	4	4 250
Turkeys for slaughter	9	7 038	(NA)	(NA)	3	6 900	4	4 250
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	38	(X)	(NA)	(X)	17	(X)	2	(X)
Sales:								
Any poultry	54	(X)	44	(X)	39	(X)	36	(X)
Chickens 3 months old or older	34	136 600	39	356 770	28	134 857	31	354 016
Hens and pullets of laying age	34	136 600	38	332 730	28	134 857	30	(D)
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	2	(D)
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—	—
Broilers and other meat-type chickens	6	(D)	2	(D)	3	(D)	2	(D)
Turkeys	11	14 806	(NA)	(NA)	8	14 692	7	17 600
Turkeys for slaughter	11	14 806	(NA)	(NA)	8	14 692	7	(D)
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	1	(D)
Other poultry	9	(X)	(NA)	(X)	4	(X)	2	(X)
Poultry and poultry products	69	2 968	55	4 915	43	2 917	39	4 868
\$1,000								

Table 10. Crops: 1978 and 1974

	All forms					Farms with sales of \$2,500 or more				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	62	1 867	(X)	—	—	52	1 765	(X)	—	—
For grain or seed (bushels)	52	1 775	(X)	(NA)	(NA)	47	1 690	(X)	4	27
For silage or green chop (tons, green)	4	(D)	1 589	—	—	2	(D)	(D)	—	—
For fodder, hogged or grazed	5	105	4 170	(NA)	(NA)	4	(D)	(D)	—	—
Sorghums for all purposes	59	1 849	32 278	—	—	51	(D)	31 060	—	—
For grain or seed (bushels)	(NA)	(NA)	(NA)	(NA)	(NA)	40	1 543	25 591	3	(D)
Cut for dry forage or hay (tons, dry)	1	(D)	(X)	—	—	—	—	(X)	—	—
Hogged or grazed	(NA)	(NA)	(X)	(NA)	(NA)	3	(D)	(X)	1	(D)
Wheat for grain (bushels)	—	—	(X)	—	—	—	—	(X)	—	—
Oats for grain (bushels)	—	—	(X)	(NA)	(NA)	—	—	—	—	—
Barley for grain (bushels)	—	—	—	(NA)	(NA)	—	—	—	—	—
Rye for grain (bushels)	—	—	—	(NA)	(NA)	—	—	—	—	—
Other small grains for grain	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—
Soybeans for beans (bushels)	—	—	—	—	—	—	—	—	—	—
Peanuts for nuts (pounds)	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight)	12	(D)	6 909	1	(D)	11	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	21	128	24 602	(NA)	(NA)	18	108	23 173	5	34
Hay crops (tons, dry) (see text)	221	10 944	20 320	2	(D)	153	9 406	17 580	1	(D)
Alfalfa hay (tons, dry)	174	10 106	19 650	(NA)	(NA)	109	8 265	16 792	4	45
Other tame dry hay (tons, dry) (see text)	97	3 104	7 842	—	—	75	2 747	6 951	—	—
Field seed crops	(NA)	(NA)	(NA)	(NA)	(NA)	44	1 532	4 394	1	(D)
Alfalfa seed (pounds)	—	—	—	(NA)	(NA)	—	—	—	—	—
Red clover seed (pounds)	—	—	—	(NA)	(NA)	—	—	—	—	—
All vegetables harvested for sale (see text)	125	2 569	(X)	48	914	103	2 481	(X)	43	905
Sweet corn	141	3 319	(X)	(NA)	(NA)	105	3 194	(X)	45	987
Tomatoes	80	1 495	(X)	20	453	68	1 459	(X)	19	(D)
Green peas excluding cowpeas	(NA)	(NA)	(X)	(NA)	(NA)	80	2 048	(X)	30	528
Land in orchards	68	1 961	(X)	(NA)	(NA)	68	1 875	(X)	7	87
Apples (pounds)	58	1 212	14 224	300	(NA)	45	1 179	14 169	675	(NA)
Peaches (pounds)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 740	16 951	987	(NA)
Grapes (pounds) (see text)	18	64	157 989	(NA)	(NA)	17	(D)	157 989	(NA)	(NA)
Berries	36	68	(X)	15	49	27	61	(X)	11	45
Strawberries (pounds)	43	92	(X)	(NA)	(NA)	24	72	(X)	11	62
Nursery and greenhouse products	27	27	136 036	11	15	22	25	134 936	10	(D)
Other crops	(NA)	(NA)	(NA)	(NA)	(NA)	20	23	107 182	9	14
	149	1 140	(X)	82	258	138	1 130	(X)	81	(D)
	3	3	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	203	14 013	172	11 965	149	11 077	122	9 111
Average size of farm	(X)	69	(X)	70	(X)	74	(X)	75
Approximate land area	(X)	252 160	(X)	252 160	(X)	252 160	(X)	252 160
Proportion in farms percent	(X)	5.6	(X)	4.7	(X)	4.4	(X)	3.6
Value of land and buildings: ¹								
Average per farm dollars	176	272	(X)	133 808	(X)	193 150	(X)	137 951
Average per acre dollars	(X)	2 186		(X)	(X)	2 110	(X)	1 847
Land in farms according to use:								
Total cropland	184	5 616	151	4 713	135	4 483	105	3 985
Harvested cropland	170	3 714	137	3 309	128	3 074	96	2 711
By acres harvested:								
1 to 9 acres	94	241	67	(NA)	72	157	41	(NA)
10 to 19 acres	18	237	17	(NA)	9	112	11	(NA)
20 to 29 acres	17	401	13	(NA)	13	305	11	(NA)
30 to 49 acres	18	659	15	(NA)	12	434	11	(NA)
50 to 99 acres	15	1 075	18	(NA)	15	1 075	17	(NA)
100 to 199 acres	6	(D)	6	(NA)	5	(D)	4	(NA)
200 to 499 acres	2	(D)	1	(NA)	2	(D)	1	(NA)
500 to 999 acres	-	-	(NA)	-	-	-	-	(NA)
1,000 acres or more	-	-	(NA)	-	-	-	-	(NA)
Cropland used only for pasture	54	1 621	52	875	35	1 196	33	785
Other cropland	27	(D)	27	529	21	213	18	489
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	7	50	(NA)	(NA)	6	(D)	6	111
Cropland on which all crops failed	6	(D)	(NA)	(NA)	5	(D)	2	(D)
Cropland in cultivated summer fallow	3	(D)	(NA)	(NA)	3	(D)	3	49
Cropland idle	12	146	(NA)	(NA)	8	99	10	304
Total woodland	89	6 758	70	5 214	65	5 359	48	3 642
Woodland pastured	25	1 811	(NA)	(NA)	19	1 722	10	661
Woodland not pastured	73	4 947	(NA)	(NA)	49	3 637	41	2 981
Other land	139	1 639	123	2 038	106	1 235	84	1 484
Pastureland and rangeland, other than cropland and woodland pastured	21	346	(NA)	(NA)	14	259	14	557
Land in house lots, ponds, roads, wasteland, etc	132	1 293	(NA)	(NA)	101	976	80	927
Pastureland, all types	74	3 778	(NA)	(NA)	48	3 177	(NA)	2 003
Irrigated land	49	257	40	385	42	210	25	351
Harvested cropland irrigated	49	(D)	(NA)	(NA)	42	210	25	329
Pastureland irrigated	1	(D)	(NA)	(NA)	-	-	(NA)	22
Other land irrigated	-	-	(NA)	(NA)	-	-	-	-
Land set aside in the federal farm programs in 1978	-	-	(X)	(X)	-	-	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	203	5 829	172	5 130	149	5 700	122	4 997
Average per farm dollars	(X)	28 714	(X)	29 826	(X)	38 254	(X)	40 959
Farms by value of agricultural products sold: ¹								
\$100,000 or more	14	2 794	12	(NA)	14	2 794	12	(NA)
\$40,000 to \$99,999	24	1 539	25	(NA)	24	1 539	25	(NA)
\$20,000 to \$39,999	28	770	17	(NA)	28	770	17	(NA)
\$10,000 to \$19,999	20	287	23	(NA)	20	287	23	(NA)
\$5,000 to \$9,999	22	164	24	(NA)	22	164	24	(NA)
\$2,500 to \$4,999	41	145	18	(NA)	41	145	18	(NA)
Less than \$2,500 (see text)	53	(D)	51	(NA)	(X)	(X)	3	(NA)
\$2,000 to \$2,499	8	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	13	23	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	15	18	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	17	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	136	4 253	107	3 153	108	4 215	(NA)	3 113
Grains	1	(D)	(NA)	(NA)	1	(D)	-	-
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	35	109	(NA)	(NA)	20	90	21	66
Vegetables, sweet corn, and melons	34	330	(NA)	(NA)	29	326	24	226
Fruits, nuts, and berries	15	68	(NA)	(NA)	13	(D)	9	(D)
Nursery and greenhouse products	77	3 733	56	2 744	68	3 719	45	2 732
Other crops	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Livestock, poultry, and their products	85	1 576	93	1 958	59	1 485	63	1 867
Poultry and poultry products	20	324	32	618	16	322	23	606
Dairy products	21	912	(NA)	(NA)	19	(D)	20	663
Cattle and calves	40	179	(NA)	(NA)	33	167	32	131
Hogs and pigs	13	105	(NA)	(NA)	12	(D)	14	101
Sheep, lambs, and wool	18	17	(NA)	(NA)	9	(D)	8	5
Other livestock and livestock products (see text)	21	39	(NA)	(NA)	10	29	5	360

¹1974 data include sales of forest products.

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

Farms	1978									
			Acres in farms	Farms with harvested cropland			Farms with irrigated land			
	1978	1974		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms -----	203	172	14 013	170	13 358	3 714	49	1 793	586	257
Farms with -----										
1 to 9 acres -----	78	52	267	64	217	119	26	114	50	49
10 to 49 acres -----	60	56	1 450	43	1 096	368	15	343	116	105
50 to 69 acres -----	12	12	686	12	686	383	1	(D)	(D)	(D)
70 to 99 acres -----	11	17	886	11	886	399	3	232	112	21
100 to 139 acres -----	16	12	1 924	14	1 673	608	1	(D)	(D)	(D)
140 to 179 acres -----	9	6	1 422	9	1 422	576	1	(D)	(D)	(D)
180 to 219 acres -----	3	4	605	3	605	67	—	—	—	—
220 to 259 acres -----	2	3	(D)	2	(D)	(D)	—	—	—	—
260 to 499 acres -----	7	7	2 638	7	2 638	803	1	(D)	(D)	(D)
500 to 999 acres -----	4	2	2 508	4	2 508	258	1	(D)	(D)	(D)
1,000 to 1,999 acres -----	1	1	(D)	1	(D)	(D)	—	—	—	—
2,000 acres or more -----	—	—	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms -----	203	14 013	172	11 965	149	11 077	122	9 111	
Harvested cropland -----	170	3 714	137	3 309	128	3 074	96	2 711	
Tenure of operator:									
Full owners -----	146	6 936	128	6 225	100	4 600	81	3 467	
Harvested cropland -----	117	1 435	(NA)	1 519	82	933	(NA)	980	
Part owners -----	43	6 935	33	5 548	37	(D)	31	(D)	
Harvested cropland -----	41	2 184	(NA)	1 709	35	(D)	(NA)	1 651	
Tenants -----	14	142	11	192	12	(D)	10	(D)	
Harvested cropland -----	12	95	(NA)	81	11	(D)	(NA)	80	
Type of organization:									
Individual or family -----	161	11 058	(NA)	(NA)	112	8 913	84	7 007	
Partnership -----	10	909	(NA)	(NA)	8	(D)	12	1 630	
Corporation -----	28	572	(NA)	(NA)	27	(D)	23	344	
Other—cooperative, estate or trust, institutional, etc. -----	4	1 474	(NA)	(NA)	2	(D)	3	130	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming -----	106	92	90	69	93	60	76	44	44
Other -----	97	52	59	27	14	2	9	2	2
Operators by age group:									
Under 25 years -----	3	4	2	2	None -----	93	60	76	44
25 to 34 years -----	12	3	7	1	1 to 49 days -----	14	2	9	2
35 to 44 years -----	41	24	27	14	50 to 99 days -----	4	5	3	4
45 to 54 years -----	41	38	35	25	100 to 149 days -----	—	6	—	3
55 to 64 years -----	56	41	43	30	150 to 199 days -----	7	5	4	5
65 years and over -----	50	34	35	24	200 days or more -----	71	39	43	14
Average age -----	53.9	55.4	53.6	56.9					
Operators by place of residence:									
On farm operated -----					On farm operated -----	151	107	102	68
Not on farm operated -----					Not on farm operated -----	35	12	30	9
Not reported -----					Not reported -----	17	25	17	19
Operators reporting days of work off farm:									
None -----					None -----	93	60	76	44
1 to 49 days -----					1 to 49 days -----	14	2	9	2
50 to 99 days -----					50 to 99 days -----	4	5	3	4
100 to 149 days -----					100 to 149 days -----	—	6	—	3
150 to 199 days -----					150 to 199 days -----	7	5	4	5
200 days or more -----					200 days or more -----	71	39	43	14

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased -----	59	146	68	218	41	134	43	207
Feed for livestock and poultry -----	85	606	96	827	58	512	64	791
Commercially mixed formula feeds -----	46	411	86	761	35	380	63	730
Animal health costs -----	66	16	(NA)	(NA)	41	9	31	14
Seeds, bulbs, plants, and trees -----	121	719	87	319	96	711	58	314
Commercial fertilizer -----	112	103	109	89	86	95	70	80
Other agricultural chemicals including lime -----	106	43	72	23	76	39	52	20
Hired farm labor -----	100	1 197	74	757	78	1 079	65	746
Contract labor -----	12	19	6	3	11	(D)	5	(D)
Customwork, machine hire, and rental of machinery and equipment -----	16	12	18	5	10	10	10	4
Energy and petroleum products -----	200	760	(NA)	(NA)	149	730	(NA)	(NA)
Petroleum products -----	200	651	165	324	149	631	120	314
Gasoline -----	182	132	(NA)	(NA)	139	122	120	113
Diesel fuel -----	31	12	(NA)	(NA)	26	10	20	7
LP gas, butane, and propane -----	16	3	(NA)	(NA)	10	3	18	10
Fuel oil -----	71	481	(NA)	(NA)	60	474	(NA)	(NA)
Natural gas -----	5	2	(NA)	(NA)	4	(D)	120	184
Kerosene, motor oil, and grease -----	200	22	(NA)	(NA)	149	20	(NA)	(NA)
Electricity -----	126	102	(NA)	(NA)	103	93	(NA)	(NA)
Other—coal, wood, coke, etc. -----	17	(D)	(NA)	(NA)	15	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	104	1,823	84	1,599	70	1,610
Pasture and rangeland fertilized	103	1,645	83	1,446	(NA)	1,289
Lime	9	178	8	(D)	(NA)	321
Sprays, dusts, granules, fumigants, etc. to control—	37	473	30	387	15	149
Insects on hay and other crops	53	512	39	428	(NA)	323
Nematodes in crops	16	108	12	79	2	(D)
Diseases in crops and orchards	60	234	43	193	7	101
Weeds, grass, or brush in crops and pasture	54	669	37	521	(NA)	341
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	22	2	(D)	2	(D)
Insect control on livestock and poultry	30	(X)	18	(X)	6	(X)
Sanitation and rodent and bird control	31	(X)	20	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more							
	1978		1974		1978		1974							
	Farms	Number	Farms	Number	Farms	Number	Farms	Number						
ALL MACHINERY AND EQUIPMENT														
ALL MACHINERY AND EQUIPMENT — Con.														
Estimated market value of all machinery and equipment—forms														
\$1,000														
Average per farm dollars	203	160	149	112	31	18	27	15						
Farms by value group:	3,720	2,405	3,281	1,921	24	10	24	8						
\$1 to \$4,999	18,324	15,031	22,019	17,152	11	3	10	3						
\$5,000 to \$9,999	28	45	12	25	7	—	7	—						
\$10,000 to \$19,999	49	31	24	16	—	4	—	3						
	53	49	45	42	—	—	—	—						
1978														
SELECTED MACHINERY AND EQUIPMENT														
Manufactured 1974 to 1978														
All farms		Farms		Number		Farms		Number						
Farms		Farms		Number		Farms		Number						
Manufactured prior to 1974														
Manufactured 1970 to 1974														
Automobiles														
Motortrucks including pickups	101	160	63	77	61	83	108	154						
Wheel tractors	170	309	104	131	110	178	132	253						
Grain and bean combines, self-propelled only	155	321	29	47	145	274	124	239						
Corn heads for combines	—	—	—	—	—	—	—	—						
Other cornpickers and picker-shellers	3	3	—	—	3	3	—	—						
Cottonpickers	—	—	—	—	—	—	1	(D)						
Mower conditioners	15	15	5	5	10	10	(NA)	(NA)						
Pickup balers	52	58	11	11	42	47	48	51						
Field forage harvesters, shear bar or flywheel type	16	17	11	11	6	6	12	14						

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Working 150 days or more		Working less than 150 days				
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	100	56	(X)	81	(X)	78	65
Workers	526	(X)	228	(X)	298	455	542
Farms with—							
1 worker	14	17	17	22	22	7	17
2 workers	22	1	(D)	21	(D)	19	10
3 or 4 workers	29	26	93	18	60	20	11
5 to 9 workers	23	10	71	14	89	21	10
10 workers or more	12	2	(D)	6	(D)	11	17

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	102	(X)	98	(X)	64	(X)	66	(X)
Any cattle, hogs, or sheep	66	(X)	73	(X)	44	(X)	46	(X)
Sales:								
Any livestock or poultry and their products	85	1 576	93	1 958	59	1 485	63	1 867
Any cattle, hogs, or sheep	59	301	61	(NA)	42	281	42	237
CATTLE AND CALVES								
Inventory:								
Cattle and calves	53	1 572	55	1 867	39	1 330	37	1 585
Cows and heifers that had calved	45	947	47	1 160	34	842	34	1 015
Beef cows	22	193	28	280	14	157	16	221
Milk cows	27	754	31	880	23	685	25	794
Heifers and heifer calves	40	414	(NA)	(NA)	26	304	26	460
Steers, steer calves, bulls and bull calves	29	211	(NA)	(NA)	19	184	18	110
Sales:								
Cattle and calves	40	773	44	793	33	707	32	716
\$1,000	(X)	179	(X)	(NA)	(X)	167	(X)	131
Calves	28	333	(NA)	(NA)	24	289	25	371
Cattle	35	440	(NA)	(NA)	29	418	28	345
\$1,000	(X)	161	(X)	(NA)	(X)	152	(X)	121
Fattened cattle	5	92	(NA)	(NA)	5	92	6	110
Dairy products	1	42	(X)	(NA)	42	(X)	51	
\$1,000	(X)	21	912	(NA)	19	(D)	20	663
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	19	1 331	31	1 276	12	1 305	19	1 231
Used or to be used for breeding	10	187	(NA)	(NA)	8	(D)	13	162
Other hogs and pigs	18	1 144	(NA)	(NA)	12	(D)	16	1 069
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	12	296	17	204	10	(D)	13	197
Dec. 1 of preceding year and May 31	11	166	13	109	10	(D)	9	(D)
June 1 and Nov. 30	9	130	11	95	7	(D)	10	(D)
Sheep and lambs	19	503	23	334	9	324	9	150
Ewes 1 year old or older	15	395	(NA)	(NA)	9	286	9	103
Goats	6	52	(NA)	(NA)	2	(D)	—	—
Horses and ponies	33	242	22	341	15	60	9	290
Sales:								
Hogs and pigs	13	1 829	19	1 626	12	(D)	14	1 564
\$1,000	(X)	105	(X)	(NA)	(X)	(D)	(X)	101
Feeder pigs	6	466	6	406	5	(D)	4	(D)
\$1,000	(X)	15	(X)	(NA)	(X)	(D)	(X)	11
Sheep and lambs	17	382	14	182	8	279	7	119
Sheep and lambs shorn	16	451	(NA)	(NA)	8	309	7	146
Pounds of wool	(X)	3 631	(X)	(NA)	(X)	2 034	(X)	702
Sheep, lambs, and wool	18	17	(NA)	(NA)	9	9	(D)	5
Goats	6	61	(NA)	(NA)	1	(D)	—	—
Horses and ponies	13	28	(X)	(NA)	(X)	(D)	(X)	—
\$1,000	(X)	34	(X)	(NA)	(X)	21	4	106
\$1,000	(X)	34	(X)	(NA)	(X)	29	(X)	357
POULTRY								
Inventory:								
Any poultry	26	(X)	42	(X)	18	(X)	24	(X)
Chickens 3 months old or older	25	24 439	39	38 727	17	24 172	21	37 086
Hens and pullets of laying age	25	(D)	38	37 642	17	(D)	20	36 051
Pullets 3 months old or older	5	(D)	(NA)	(NA)	3	(D)	3	1 035
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	1	(D)
Broilers and other meat-type chickens	3	157	6	606	1	(D)	3	256
Turkeys	2	(D)	(NA)	(NA)	1	(D)	5	720
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	5	720
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	5	(X)	(NA)	(X)	2	(X)	3	(X)
Sales:								
Any poultry	18	(X)	26	(X)	15	(X)	22	(X)
Chickens 3 months old or older	14	18 101	23	16 799	13	(D)	19	15 815
Hens and pullets of laying age	14	18 101	23	16 799	13	(D)	19	15 815
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—	—
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	—	—	—	—
Broilers and other meat-type chickens	1	(D)	3	609	1	(D)	2	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	4	9 550
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	4	9 550
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	2	(X)	(NA)	(X)	—	(X)	2	(X)
Poultry and poultry products	20	324	32	618	16	322	23	606

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	18	462	(X)	1	(D)	14	407	(X)	-	-
1974	15	297	(X)	(NA)	(NA)	13	(D)	(X)	-	-
For grain or seed (bushels)	2	(D)	(D)	-	-	1	(D)	(D)	-	-
1974	1	(D)	(D)	(NA)	(NA)	(NA)	(D)	(D)	-	-
For silage or green chop (tons, green)	17	(D)	6 848	1	(NA)	13	(D)	5 927	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	251	3 397	-	-
For fodder, hogged or grazed	-	-	(X)	-	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sorghums for all purposes	2	(D)	(X)	-	-	-	-	(X)	-	-
1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	-	-
For grain or seed (bushels)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-
For silage or green chop (tons, green)	2	(D)	(D)	(NA)	(NA)	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	-	-
Cut for dry forage or hay (tons, dry)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed	-	-	(X)	-	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Oats for grain (bushels)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Barley for grain (bushels)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Rye for grain (bushels)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Other small grains for grain	-	-	(X)	-	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight)	4	4	(D)	2	(D)	2	(D)	(D)	-	-
1974	8	7	1 392	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	76	2 732	4 605	4	33	48	2 182	3 822	2	(D)
1974	64	2 326	5 433	(NA)	(NA)	45	1 811	4 476	1	(D)
Alfalfa hay (tons, dry)	36	760	1 561	3	32	22	583	1 363	2	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	643	1 955	1	(D)
Other tame dry hay (tons, dry) (see text)	50	1 395	2 322	1	(D)	34	1 066	1 796	-	-
Field seed crops	-	-	(X)	-	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Alfalfa seed (pounds)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds)	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text)	34	408	(X)	13	139	29	389	(X)	11	(D)
1974	36	478	(X)	(NA)	(NA)	24	442	(X)	8	206
Sweet corn	24	213	(X)	7	60	19	198	(X)	5	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	20	274	(X)	7	116
Tomatoes	17	38	(X)	10	21	15	(D)	(X)	8	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	17	23	(X)	6	5
Green peas excluding cowpeas	6	7	(X)	4	4	4	(D)	(X)	2	(D)
1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	1	(D)
Land in orchards	16	76	(X)	2	(D)	12	66	(X)	2	(D)
1974	14	120	(X)	(NA)	(NA)	10	111	(X)	1	(D)
Apples (pounds)	16	71	461 498	(NA)	(NA)	12	63	459 098	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	96	(NA)	(NA)	(NA)
Peaches (pounds)	5	2	6 515	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries	7	8	(X)	5	6	5	(D)	(X)	4	(D)
1974	6	5	(X)	(NA)	(NA)	3	(X)	(X)	2	(D)
Strawberries (pounds)	5	3	11 225	3	2	4	(D)	(D)	3	2
1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	(D)	2	(D)
Nursery and greenhouse products	77	73	(X)	32	43	68	70	(X)	30	(D)
Other crops	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	589	82 924	532	77 404	457	76 271	392	70 677
Average size of farm	(X)	141	(X)	145	(X)	167	(X)	180
Approximate land area	(X)	418 560	(X)	418 688	(X)	418 560	(X)	418 688
Proportion in farms percent	(X)	19.8	(X)	18.5	(X)	18.2	(X)	16.9
Value of land and buildings: ¹								
Average per farm	155 348	(X)	122 406	(X)	167 977	(X)	146 577	(X)
Average per acre		1 146		841		1 036		813
Land in farms according to use:								
Total cropland	554	22 274	506	21 651	437	19 867	371	19 571
Harvested cropland	537	18 234	494	17 642	431	16 933	366	16 184
By acres harvested:								
1 to 9 acres	244	954	223	(NA)	173	705	129	(NA)
10 to 19 acres	110	1 440	84	(NA)	97	1 277	73	(NA)
20 to 29 acres	54	1 215	63	(NA)	45	1 024	51	(NA)
30 to 49 acres	54	1 967	52	(NA)	45	1 652	43	(NA)
50 to 99 acres	40	2 712	39	(NA)	37	2 550	38	(NA)
100 to 199 acres	24	3 114	24	(NA)	24	3 114	24	(NA)
200 to 499 acres	8	2 056	6	(NA)	7	(D)	5	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
1,000 acres or more	2	(D)	2	(NA)	2	(D)	2	(NA)
Cropland used only for pasture	97	2 005	91	3 081	60	1 580	47	2 505
Other cropland	96	2 035	49	928	69	1 354	36	882
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	24	576	(NA)	(NA)	14	353	12	396
Cropland on which all crops failed	16	135	(NA)	(NA)	10	125	10	97
Cropland in cultivated summer follow	5	27	(NA)	(NA)	5	27	3	16
Cropland idle	65	1 297	(NA)	(NA)	49	849	17	373
Total woodland	318	38 710	292	34 305	254	35 551	211	31 576
Woodland pastured	45	1 902	(NA)	(NA)	33	1 565	39	1 785
Woodland not pastured	292	36 808	(NA)	(NA)	232	33 986	184	29 791
Other land	430	21 940	409	21 448	344	20 853	305	19 530
Pastureland and rangeland, other than cropland and woodland pastured	40	3 179	(NA)	(NA)	30	3 064	26	1 488
Land in house lots, ponds, roads, wasteland, etc.	424	18 761	(NA)	(NA)	340	17 789	297	18 042
Pastureland, all types	152	7 086	(NA)	(NA)	102	6 209	(NA)	5 778
Irrigated land	345	9 464	309	9 205	306	9 329	263	8 930
Harvested cropland irrigated	344	9 418	(NA)	(NA)	305	9 284	263	8 789
Pastureland irrigated	4	(D)	(NA)	(NA)	4	(D)	(NA)	2
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	3	139
Land set aside in the federal farm programs in 1978	6	324	(X)	(X)	6	324	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	589	25 581	532	18 734	457	25 308	392	18 432
Average per farm	(X)	43 431	(X)	35 214	(X)	55 378	(X)	47 020
Farms by value of agricultural products sold: ¹								
\$100,000 or more	57	17 118	32	(NA)	57	17 118	32	(NA)
\$40,000 to \$99,999	74	4 297	67	(NA)	74	4 297	67	(NA)
\$20,000 to \$39,999	69	1 945	74	(NA)	69	1 945	74	(NA)
\$10,000 to \$19,999	56	826	68	(NA)	56	826	68	(NA)
\$5,000 to \$9,999	104	757	70	(NA)	104	757	70	(NA)
\$2,500 to \$4,999	97	365	77	(NA)	97	365	77	(NA)
Less than \$2,500 (see text)	129	159	143	(NA)	(X)	(X)	4	(NA)
\$2,000 to \$2,499	23	50	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	27	45	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	40	49	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	39	15	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	114	1	(NA)	(X)	(X)	(X)	(X)
Crops	468	19 310	433	11 283	389	19 150	(NA)	11 124
Grains	-	-	(NA)	(NA)	-	-	5	10
Commodity Credit Corporation loans	-	--	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	-	--	(NA)	(NA)	-	-	-	-
Commodity Credit Corporation loans	-	--	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	--	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	64	(D)	(NA)	(NA)	43	(D)	19	95
Vegetables, sweet corn, and melons	67	721	(NA)	(NA)	53	709	30	418
Fruits, nuts, and berries	335	16 047	(NA)	(NA)	292	15 966	251	9 066
Nursery and greenhouse products	69	2 271	51	1 540	58	2 228	45	1 518
Other crops	3	(D)	(NA)	(NA)	3	(D)	7	18
Livestock, poultry, and their products	176	6 270	143	7 425	123	6 158	96	7 286
Poultry and poultry products	45	676	40	1 518	27	668	30	1 515
Dairy products	37	3 892	(NA)	(NA)	34	3 865	41	4 822
Cattle and calves	75	788	(NA)	(NA)	57	762	56	691
Hogs and pigs	39	484	(NA)	(NA)	28	465	15	196
Sheep, lambs, and wool	28	14	(NA)	(NA)	14	9	7	15
Other livestock and livestock products (see text)	59	417	(NA)	(NA)	40	391	14	47

¹1974 data include sales of forest products.

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

Farms	1978									
	Acres in farms	Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
1978	1974									
All farms	589	532	82 924	537	80 951	18 234	345	53 537	10 305	9 464
Farms with—										
1 to 9 acres	109	82	436	85	359	216	49	219	150	135
10 to 49 acres	220	183	5 474	201	5 108	1 850	127	3 246	974	946
50 to 69 acres	49	51	2 796	49	2 796	917	32	1 822	513	404
70 to 99 acres	49	44	3 992	44	3 582	1 187	21	1 721	497	349
100 to 139 acres	53	62	6 078	52	5 948	1 585	40	4 625	969	798
140 to 179 acres	23	26	3 620	22	3 480	1 020	12	1 914	444	444
180 to 219 acres	20	18	3 963	20	3 963	697	13	2 590	311	311
220 to 259 acres	13	16	3 163	12	2 913	1 007	9	2 191	627	627
260 to 499 acres	33	25	(D)	33	(D)	(D)	27	9 248	2 120	2 014
500 to 999 acres	12	17	(D)	11	(D)	(D)	8	5 079	467	419
1,000 to 1,999 acres	5	4	5 975	5	5 975	857	5	(D)	(D)	(D)
2,000 acres or more	3	4	28 907	3	28 907	4 776	2	(D)	(D)	(D)

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	589	82 924	532	77 404	457	76 271	392	70 677	
Harvested cropland	537	18 234	494	17 642	431	16 933	366	16 184	
Tenure of operator:									
Full owners	482	61 391	452	48 336	372	56 009	327	42 192	
Harvested cropland	436	11 813	(NA)	8 662	349	10 875	(NA)	7 390	
Part owners	81	20 485	69	28 642	63	19 581	55	(D)	
Harvested cropland	78	5 944	(NA)	8 715	62	5 599	(NA)	8 540	
Tenants	26	1 048	11	426	22	681	10	(D)	
Harvested cropland	23	477	(NA)	265	20	459	(NA)	264	
Type of organization:									
Individual or family	452	30 786	(NA)	(NA)	334	26 558	298	33 697	
Partnership	62	7 436	(NA)	(NA)	55	7 277	40	5 847	
Corporation	63	39 836	(NA)	(NA)	61	(D)	47	28 147	
Other—cooperative, estate or trust, institutional, etc.	12	4 866	(NA)	(NA)	7	2 641	7	2 986	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Forming	328	273	285	241					
Other	261	204	172	97					
Operators by age group:									
Under 25 years	6	13	4	9					
25 to 34 years	66	23	51	19					
35 to 44 years	104	65	81	46					
45 to 54 years	137	104	110	68					
55 to 64 years	151	130	114	94					
65 years and over	125	142	97	102					
Average age	53.0	56.2	52.9	56.4					
Operators by place of residence:									
On farm operated	343	258	246	164					
Not on farm operated	193	148	170	116					
Not reported	53	71	41	58					
Operators reporting days of work off farm:									
None	234	168	199	141					
1 to 49 days	30	29	27	19					
50 to 99 days	25	16	23	11					
100 to 149 days	26	11	24	8					
150 to 199 days	34	20	25	6					
200 days or more	203	151	131	80					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	148	808	112	1 003	86	789	70	991
Feed for livestock and poultry	197	2 224	152	3 208	122	2 159	98	3 152
Commercially mixed formula feeds	142	1 740	136	2 469	91	1 704	92	2 416
Animal health costs	134	72	(NA)	(NA)	90	63	59	35
Seeds, bulbs, plants, and trees	199	441	138	263	140	430	91	257
Commercial fertilizer	440	505	416	490	360	484	326	471
Other agricultural chemicals including lime	469	772	339	439	390	754	275	430
Hired farm labor	299	4 032	270	3 559	259	3 998	226	3 527
Contract labor	99	468	66	313	93	467	53	308
Customwork, machine hire, and rental of machinery and equipment	185	354	195	365	152	341	146	356
Energy and petroleum products	583	1 431	(NA)	(NA)	452	1 392	(NA)	(NA)
Petroleum products	583	1 075	503	632	452	1 051	381	607
Gasoline	560	551	(NA)	(NA)	429	533	375	376
Diesel fuel	113	81	(NA)	(NA)	112	(D)	69	54
LP gas, butane, and propane	80	55	(NA)	(NA)	80	55	125	67
Fuel oil	116	279	(NA)	(NA)	114	(D)		
Natural gas	9	7	(NA)	(NA)	9	7	381	110
Kerosene, motor oil, and grease	582	101	(NA)	(NA)	451	97		
Electricity	384	350	(NA)	(NA)	313	335	(NA)	(NA)
Other—coal, wood, coke, etc.	21	6	(NA)	(NA)	21	6	(NA)	(NA)

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

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

All farms				Farms with sales of \$2,500 or more			
1978		1978		1978		1974	
Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer		423	15 154	349	14 259	326	15 052
Cropland fertilized, except pasture		402	13 805	334	12 970	(NA)	13 665
Pasture and rangeland fertilized		43	1 349	25	1 289	(NA)	1 387
Lime		108	5 185	83	5 059	29	337
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops		375	10 166	315	9 762	(NA)	10 584
Nematodes in crops		19	731	13	725	2	(D)
Diseases in crops and orchards		154	2 623	135	2 544	43	2 459
Weeds, grass, or brush in crops and pasture		248	9 911	211	9 616	(NA)	5 685
Chemicals for—							
Defoliation or for growth control of crops or thinning of fruit		10	392	10	392	9	107
Insect control on livestock and poultry		60	(X)	47	(X)	13	(X)
Sanitation and rodent and bird control		39	(X)	39	(X)	(NA)	(X)

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

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

All farms				Farms with sales of \$2,500 or more					
1978	1974	1978	1974	1978	1974	1978	1974		
ALL MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment—Con.									
\$1,000 forms	588	466	457	345	58	78	57	73	
Average per farm dollars	13 258	8 110	11 260	7 297	43	27	43	26	
Forms by value group:	22 547	17 403	24 639	21 151	22	14	22	13	
\$1 to \$4,999	141	120	116	64	8	7	7	7	
\$5,000 to \$9,999	177	117	81	65	16	13	9	13	
\$10,000 to \$19,999	115	97	114	91	8	8	8	13	
1978				1974					
All farms				Manufactured 1974 to 1978					
Farms	Number	Farms	Number	Farms	Number	Farms	Number		
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	330	430	121	140	247	290	283	370	206
Motortrucks including pickups	477	1 144	152	246	419	898	408	925	318
Wheel tractors	337	748	86	124	299	624	313	636	131
Grain and bean combines, self-propelled only	1	(D)	—	—	1	(D)	3	6	2
Corn heads for combines	3	4	2	(D)	2	(D)	2	(D)	1
Other cornpickers and picker-shellers	8	9	—	—	8	9	4	6	—
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)	(NA)
Mower conditioners	77	79	27	27	51	52	50	54	10
Pickup balers	77	79	28	28	49	51	58	61	16
Field forage harvesters, shear bar or flywheel type	36	48	11	13	29	35	32	43	12

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Forms	299	138	(X)	265	(X)	259	226
Workers	2 272	(X)	455	(X)	1 817	2 219	2 540
Farms with—							
1 worker	71	66	66	77	77	40	35
2 workers	66	27	54	53	106	60	29
3 or 4 workers	64	21	70	46	152	61	41
5 to 9 workers	47	15	110	54	370	47	47
10 workers or more	51	9	155	35	1 112	51	74

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	222	(X)	161	(X)	145	(X)	104	(X)
Any cattle, hogs, or sheep	140	(X)	121	(X)	93	(X)	73	(X)
Sales:								
Any livestock or poultry and their products	\$1,000		176	6 270	123	6 158	96	7 286
Any cattle, hogs, or sheep	\$1,000		110	1 286	79	1 235	63	902
CATTLE AND CALVES								
Inventory:								
Cattle and calves	105	4 783	104	7 598	71	4 525	65	7 171
Cows and heifers that had calved	85	3 073	89	5 141	61	2 981	58	4 955
Beef cows	46	180	43	235	26	118	19	134
Milk cows	45	2 893	55	4 906	40	2 863	46	4 821
Heifers and heifer calves	64	1 399	(NA)	(NA)	46	1 312	40	2 041
Steers, steer calves, bulls and bull calves	65	311	(NA)	(NA)	40	232	30	175
Sales:								
Cattle and calves	75	3 012	75	3 632	57	2 908	56	3 470
\$1,000	(X)	788	(X)	(NA)	(X)	762	(X)	691
Calves	51	1 377	(NA)	(NA)	43	1 334	44	1 323
Cattle	70	1 635	(NA)	(NA)	53	1 574	52	2 147
Fattened cattle	18	65	(NA)	(NA)	(X)	691	(X)	643
Dairy products	\$1,000	(X)	30	(X)	(X)	23	(X)	62
	\$1,000	37	3 892	(NA)	(NA)	34	3 865	41
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	60	5 649	42	3 202	39	5 502	22	2 984
Used or to be used for breeding	22	651	(NA)	(NA)	15	620	11	508
Other hogs and pigs	55	4 998	(NA)	(NA)	37	4 882	20	2 476
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	23	703	18	964	16	658	12	920
Dec. 1 of preceding year and May 31	20	353	15	505	14	327	10	482
June 1 and Nov. 30	20	350	17	459	15	331	11	438
Sheep and lambs	37	476	30	553	17	254	8	364
Ewes 1 year old or older	28	305	(NA)	(NA)	13	174	8	260
Goats	13	172	(NA)	(NA)	4	103	1	(D)
Horses and ponies	59	431	40	256	30	108	16	137
Sales:								
Hogs and pigs	39	6 408	28	2 994	28	6 135	15	2 672
\$1,000	(X)	484	(X)	(NA)	(X)	465	(X)	196
Feeder pigs	12	630	8	293	9	550	6	(D)
Sheep and lambs	24	317	15	339	13	226	5	265
Sheep and lambs shorn	25	376	(NA)	(NA)	12	194	6	251
Pounds of wool	(X)	3 103	(X)	(NA)	(X)	1 470	(X)	1 489
Sheep, lambs, and wool	28	14	(NA)	(NA)	14	9	7	15
Goats	8	88	(NA)	(NA)	4	67	1	(D)
\$1,000	(X)	5	(X)	(NA)	(X)	4	(X)	(Z)
Horses and ponies	18	45	11	20	9	23	2	(D)
	\$1,000	(X)	47	(X)	(NA)	35	(X)	(D)
POULTRY								
Inventory:								
Any poultry	63	(X)	47	(X)	35	(X)	32	(X)
Chickens 3 months old or older	54	25 165	43	107 402	28	24 233	28	106 814
Hens and pullets of laying age	54	24 856	41	88 135	28	(D)	26	87 602
Pullets 3 months old or older	11	309	(NA)	(NA)	3	(D)	3	19 123
Pullet chicks and pullets under 3 months old	7	(D)	(NA)	(NA)	4	(D)	6	20 400
Broilers and other meat-type chickens	5	287	3	510	4	(D)	2	(D)
Turkeys	10	680	(NA)	(NA)	8	(D)	4	3 023
Turkeys for slaughter	9	(D)	(NA)	(NA)	7	(D)	3	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	18	(X)	(NA)	(X)	8	(X)	6	(X)
Sales:								
Any poultry	32	(X)	32	(X)	22	(X)	29	(X)
Chickens 3 months old or older	18	50 717	27	128 786	15	50 646	26	(D)
Hens and pullets of laying age	17	(D)	24	105 518	15	(D)	23	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	1	(D)	3	675	—	—	1	(D)
Turkeys	8	(D)	(NA)	(NA)	7	(D)	3	6 794
Turkeys for slaughter	8	(D)	(NA)	(NA)	7	(D)	3	6 794
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	—	—
Other poultry	3	(X)	(NA)	(X)	2	(X)	2	(X)
Poultry and poultry products	\$1,000	45	676	40	1 518	27	668	30
								1 515

Table 10. Crops: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more					
	Harvested			Irrigated			Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978	39	3 496	(X)	4	9	34	3 455	(X)	3	(D)	
	1974	34	3 097	(X)	(NA)	(NA)	29	3 031	(X)	1	(D)	
For grain or seed (bushels) -----	1978	8	(D)	(D)	4	9	6	(D)	(D)	3	(D)	
	1974	8	123	7 100	(NA)	(NA)	8	123	7 100	-	-	
For silage or green chop (tons, green) -----	1978	32	(D)	34 431	-	-	29	(D)	33 908	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	2 908	35 810	1	(D)	
For fodder, hogged or grazed -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Sorghums for all purposes -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	-	-	
For grain or seed (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
For silage or green chop (tons, green) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	-	-	-	
Cut for dry forage or hay (tons, dry) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Hogged or grazed -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Wheat for grain (bushels) -----	1978	-	-	(D)	(NA)	(NA)	-	-	(D)	-	-	
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	-	-	
Oats for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Barley for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Rye for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Other small grains for grain -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Soybeans for beans (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Peanuts for nuts (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Cotton (bales) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Tobacco (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Irish potatoes (hundredweight) -----	1978	4	6	1 338	2	(D)	4	6	1 338	2	(D)	
	1974	17	36	4 834	(NA)	(NA)	10	21	3 814	4	14	
Sweetpotatoes (bushels) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Hay crops (tons, dry) (see text) -----	1978	137	4 656	8 667	5	142	88	3 599	7 263	4	(D)	
	1974	121	4 615	9 298	(NA)	(NA)	65	3 471	7 405	2	(D)	
Alfalfa hay (tons, dry) -----	1978	53	1 194	3 278	3	(D)	34	986	2 876	3	(D)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	831	1 986	2	(D)	
Other tame dry hay (tons, dry) (see text) -----	1978	83	2 584	4 184	2	(D)	55	1 965	3 394	1	(D)	
Field seed crops -----	1978	-	-	(X)	-	-	-	-	(X)	-	-	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Alfalfa seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Red clover seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
All vegetables harvested for sale (see text) -----	1978	67	854	(X)	23	283	53	823	(X)	20	277	
	1974	56	1 058	(X)	(NA)	(NA)	31	999	(X)	10	239	
Sweet corn -----	1978	47	491	(X)	17	164	36	471	(X)	15	(D)	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	25	685	(X)	8	188	
Tomatoes -----	1978	32	26	(X)	8	5	28	25	(X)	7	(D)	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	77	(X)	6	7	
Green peas excluding cowpeas -----	1978	6	4	(X)	1	(D)	4	(D)	(X)	1	(D)	
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	6	(X)	3	3	
Land in orchards -----	1978	31	142	(X)	7	9	19	96	(X)	4	7	
	1974	17	120	(X)	(NA)	(NA)	7	91	(X)	-	-	
Apples (pounds) -----	1978	27	106	278 888	(NA)	(NA)	18	(D)	(D)	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	85	(NA)	(NA)	(NA)	(NA)	
Peaches (pounds) -----	1978	13	10	13 195	(NA)	(NA)	6	4	1 840	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978	10	7	1 401	(NA)	(NA)	4	1	(D)	(NA)	(NA)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	
Berries -----	1978	330	9 042	(X)	307	8 968	287	8 922	(X)	274	8 864	
	1974	304	8 608	(X)	(NA)	(NA)	250	8 457	(X)	240	8 402	
Strawberries (pounds) -----	1978	18	13	62 570	7	9	14	12	59 195	6	(D)	
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	31	78 850	1	(D)	
Nursery and greenhouse products -----	1978	69	187	(X)	26	50	58	174	(X)	24	(D)	
Other crops -----	1978	-	-	(X)	(NA)	(NA)	-	-	(X)	(NA)	(NA)	

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	864	129 516	816	130 746	600	102 397	576	104 359
Average size of farm	(X)	150	(X)	160	(X)	171	(X)	181
Approximate land area	(X)	965 760	(X)	965 760	(X)	965 760	(X)	965 760
Proportion in farms — percent	(X)	13.4	(X)	13.5	(X)	10.6	(X)	10.8
Value of land and buildings: ¹								
Average per farm — dollars	177 198	(X)	122 713	(X)	202 777	(X)	142 467	(X)
Average per acre — dollars	(X)	1 109	(X)	766	(X)	1 092	(X)	786
Land in farms according to use:								
Total cropland	808	59 387	766	56 438	564	50 911	529	48 532
Harvested cropland	770	41 635	718	40 945	544	36 308	508	36 593
By acres harvested:								
1 to 9 acres	149	560	149	(NA)	84	274	78	(NA)
10 to 19 acres	111	1 510	92	(NA)	52	698	36	(NA)
20 to 29 acres	103	2 315	89	(NA)	50	1 143	49	(NA)
30 to 49 acres	137	5 023	111	(NA)	102	3 780	82	(NA)
50 to 99 acres	136	8 992	155	(NA)	128	8 491	145	(NA)
100 to 199 acres	102	13 714	87	(NA)	98	13 153	85	(NA)
200 to 499 acres	30	(D)	31	(NA)	28	(D)	29	(NA)
500 to 999 acres	2	(D)	4	(NA)	2	(D)	4	(NA)
1,000 acres or more	—	—	(NA)	—	—	—	—	(NA)
Cropland used only for pasture	418	14 590	380	13 492	287	12 128	243	10 554
Other cropland	160	3 162	112	2 001	111	2 475	75	1 385
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	46	585	(NA)	(NA)	36	478	22	394
Cropland on which all crops failed	18	99	(NA)	(NA)	13	60	11	57
Cropland in cultivated summer fallow	14	118	(NA)	(NA)	10	81	7	53
Cropland idle	95	2 360	(NA)	(NA)	64	1 856	43	881
Total woodland	624	54 222	577	51 471	434	39 414	389	38 289
Woodland pastured	218	8 428	(NA)	(NA)	158	6 941	162	7 958
Woodland not pastured	536	45 794	(NA)	(NA)	365	32 473	314	30 331
Other land	586	15 907	600	22 837	412	12 072	415	17 538
Pastureland and rangeland, other than cropland and woodland pastured	156	6 447	(NA)	(NA)	114	5 365	145	10 271
Land in house lots, ponds, roads, wasteland, etc	552	9 460	(NA)	(NA)	385	6 707	375	7 267
Pastureland, all types	572	29 465	(NA)	(NA)	397	24 434	(NA)	28 783
Irrigated land	56	612	47	604	50	582	38	569
Harvested cropland irrigated	53	576	(NA)	(NA)	49	(D)	38	553
Pastureland irrigated	2	(D)	(NA)	(NA)	—	—	(NA)	—
Other land irrigated	3	(D)	(NA)	(NA)	3	(D)	3	16
Land set aside in the federal farm programs in 1978	6	90	(X)	(X)	4	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	864	36 450	816	32 253	600	35 902	576	31 632
Average per farm — dollars	(X)	42 188	(X)	39 526	(X)	59 837	(X)	54 917
Farms by value of agricultural products sold: ¹								
\$100,000 or more	92	22 458	67	(NA)	92	22 458	67	(NA)
\$40,000 to \$99,999	128	8 321	125	(NA)	128	8 321	125	(NA)
\$20,000 to \$39,999	103	3 076	127	(NA)	103	3 076	127	(NA)
\$10,000 to \$19,999	71	985	82	(NA)	71	985	82	(NA)
\$5,000 to \$9,999	95	659	90	(NA)	95	659	90	(NA)
\$2,500 to \$4,999	111	404	65	(NA)	111	404	65	(NA)
Less than \$2,500 (see text)	260	301	256	(NA)	(X)	(X)	20	(NA)
\$2,000 to \$2,499	49	107	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	39	66	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	64	77	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	108	51	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	247	4	(NA)	(X)	(X)	(X)	(X)
Crops	441	11 248	466	8 698	319	11 061	(NA)	8 522
Grains	3	8	(NA)	(NA)	3	(D)	7	44
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	239	925	(NA)	(NA)	165	791	177	989
Vegetables, sweet corn, and melons	107	1 226	(NA)	(NA)	86	1 214	85	714
Fruits, nuts, and berries	115	5 459	(NA)	(NA)	89	5 437	80	4 624
Nursery and greenhouse products	75	3 602	75	2 115	63	3 583	64	2 101
Other crops	11	28	(NA)	(NA)	10	(D)	8	50
Livestock, poultry, and their products	590	25 203	562	23 451	421	24 841	416	23 017
Poultry and poultry products	85	6 121	73	8 432	55	6 111	52	8 422
Dairy products	230	14 495	(NA)	(NA)	218	14 353	244	11 562
Cattle and calves	445	2 891	(NA)	(NA)	337	2 738	340	1 926
Hogs and pigs	100	1 356	(NA)	(NA)	69	1 339	71	984
Sheep, lambs, and wool	55	39	(NA)	(NA)	21	21	15	12
Other livestock and livestock products (see text)	84	300	(NA)	(NA)	51	280	26	110

¹1974 data include sales of forest products.

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

Farms	1978								
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land		
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland
All farms	864	816	129 516	770	124 599	41 635	56	5 162	1 616
Farms with—									
1 to 9 acres	76	65	274	52	191	112	10	38	14
10 to 49 acres	166	147	4 725	134	3 884	1 761	19	446	214
50 to 69 acres	86	63	4 982	70	4 074	1 594	8	466	123
70 to 99 acres	86	96	7 127	80	6 632	2 342	5	394	143
100 to 139 acres	124	119	14 426	116	13 519	4 693	2	(D)	(D)
140 to 179 acres	74	69	11 581	71	11 139	3 674	3	461	198
180 to 219 acres	72	73	14 183	68	13 398	4 324	—	—	—
220 to 259 acres	43	48	10 290	43	10 290	3 548	1	(D)	(D)
260 to 499 acres	107	104	36 323	106	35 867	12 187	7	2 345	584
500 to 999 acres	23	26	14 865	23	14 865	4 703	1	(D)	(D)
1,000 to 1,999 acres	6	4	(D)	6	(D)	(D)	—	—	—
2,000 acres or more	1	2	(D)	1	(D)	(D)	—	—	—

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	864	129 516	816	130 746	600	102 397	576	104 359	
Harvested cropland	770	41 635	718	40 945	544	36 308	508	36 593	
Tenure of operator:									
Full owners	528	54 485	520	69 367	322	34 468	322	46 477	
Harvested cropland	445	12 184	(NA)	15 918	274	8 977	(NA)	12 590	
Part owners	292	70 233	247	57 104	246	64 114	218	54 122	
Harvested cropland	286	27 559	(NA)	23 042	242	25 660	(NA)	22 271	
Tenants	44	4 798	49	4 275	32	3 815	36	3 760	
Harvested cropland	39	1 892	(NA)	1 985	28	1 671	(NA)	1 732	
Type of organization:									
Individual or family	718	94 066	(NA)	(NA)	479	73 310	494	82 301	
Partnership	85	17 970	(NA)	(NA)	68	16 623	46	12 483	
Corporation	53	11 107	(NA)	(NA)	50	10 931	36	9 575	
Other—cooperative, estate or trust, institutional, etc.	8	6 373	(NA)	(NA)	3	1 533	—	—	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974
Operators by principal occupation:									
Forming	480	472	419	405					
Other	384	304	181	135					
Operators by age group:									
Under 25 years	12	4	4	4					
25 to 34 years	104	70	75	57					
35 to 44 years	155	126	101	83					
45 to 54 years	194	215	124	136					
55 to 64 years	235	226	178	165					
65 years and over	164	135	118	95					
Average age	51.8	52.9	52.4	52.7					
Operators by place of residence:									
On farm operated					741	597	511	413	
Not on farm operated					69	91	47	61	
Not reported					54	88	42	66	
Operators reporting days of work off farm:									
None					365	320	317	272	
1 to 49 days					41	24	32	18	
50 to 99 days					20	15	15	10	
100 to 149 days					21	29	10	16	
150 to 199 days					60	39	31	19	
200 days or more					320	224	168	97	

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	359	2 204	367	1 823	267	2 164	268	1 785
Feed for livestock and poultry	592	10 584	582	10 164	423	10 415	419	9 941
Commercially mixed formula feeds	398	9 073	490	9 537	320	8 977	392	9 413
Animal health costs	474	294	(NA)	(NA)	356	283	304	160
Seeds, bulbs, plants, and trees	493	961	441	653	386	942	360	638
Commercial fertilizer	586	1 256	536	821	444	1 154	415	767
Other agricultural chemicals including lime	532	701	363	507	415	670	301	492
Hired farm labor	461	5 839	341	4 132	400	5 739	299	4 060
Contract labor	57	359	32	279	42	352	24	278
Customwork, machine hire, and rental of machinery and equipment	216	193	169	183	166	171	140	174
Energy and petroleum products	855	2 537	(NA)	(NA)	598	2 442	(NA)	(NA)
Petroleum products	854	1 682	804	990	597	1 608	570	927
Gasoline	818	810	(NA)	(NA)	572	766	561	568
Diesel fuel	361	228	(NA)	(NA)	307	217	239	120
LP gas, butane, and propane	75	42	(NA)	(NA)	58	38	56	47
Fuel oil	182	458	(NA)	(NA)	158	456	—	—
Natural gas	9	26	(NA)	(NA)	8	(D)	570	193
Kerosene, motor oil, and grease	854	119	(NA)	(NA)	597	104	809	(NA)
Electricity	643	830	(NA)	(NA)	493	—	(NA)	(NA)
Other—coal, wood, coke, etc.	54	25	(NA)	(NA)	48	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer						
Cropland fertilized, except pasture	550	31 239	424	29 331	416	23 041
Pasture and rangeland fertilized	545	28 249	424	26 413	(NA)	20 583
Line	119	2 990	102	2 918	(NA)	2 458
Sprays, dusts, granules, fumigants, etc. to control—	288	6 895	233	6 373	102	2 395
Insects on hay and other crops	204	5 623	158	5 158	(NA)	5 598
Nematodes in crops	8	549	7	(D)	3	118
Diseases in crops and orchards	145	4 242	94	3 965	57	3 028
Weeds, grass, or brush in crops and pasture	293	10 512	249	9 921	(NA)	6 056
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	60	1 587	38	1 549	11	654
Insect control on livestock and poultry	237	(X)	200	(X)	58	(X)
Sanitation and rodent and bird control	196	(X)	174	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms								
\$1,000— Average per farm	860	793	598	560	98	125	86	112
\$1 to \$4,999	21 120	15 428	18 361	13 229	123	113	106	109
\$5,000 to \$9,999	24 558	19 455	30 704	23 623	73	37	70	36
\$10,000 to \$19,999	102	124	53	60	44	43	17	18
Farms by value group:								
\$1 to \$4,999	242	180	118	94	\$100,000 to \$199,999		(NA)	(NA)
\$5,000 to \$9,999	158	195	102	131	\$200,000 or more		3	3
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
\$200,000 or more								
1978								
SELECTED MACHINERY AND EQUIPMENT								
All farms								
	Farms	Number		Farms	Number		Farms	Number
Manufactured 1974 to 1978								
Manufactured prior to 1974								
Farms								
Number								
1974								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles								
Motortrucks including pickups	568	821	255	321	393	500	541	754
Wheel tractors	751	1 510	270	312	618	1 198	669	1 334
Grain and bean combines, self-propelled only	792	1 910	190	254	733	1 656	713	1 711
Corn heads for combines	6	6	4	(D)	2	(D)	—	304
Other cornpickers and picker-shellers	29	34	3	7	26	27	20	6
Cottonpickers	26	26	3	3	23	23	10	15
Mower conditioners	—	—	—	—	—	—	(NA)	(NA)
Pickup balers	325	346	142	147	194	199	227	245
Field forage harvesters, shear bar or flywheel type	381	397	96	98	294	299	399	417
	200	225	48	49	157	176	174	213
								70

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978						Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days		1978	1974	
		Farms	Workers	Farms	Workers			
Farms	461	259	(X)	372	(X)	400	299	
Workers	3 302	(X)	872	(X)	2 430	3 133	3 101	
Farms with—								
1 worker	116	88	88	112	112	84	63	
2 workers	79	80	160	57	114	69	43	
3 or 4 workers	88	53	176	63	218	76	49	
5 to 9 workers	91	23	153	87	544	90	62	
10 workers or more	87	15	295	53	1 442	81	82	

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry	644	(X)	609	(X)	438	(X)	429
Any cattle, hogs, or sheep	555	(X)	550	(X)	380	(X)	388
Sales:							
Any livestock or poultry and their products	590	25 203	562	23 451	421	24 841	416
Any cattle, hogs, or sheep	512	4 286	503	(NA)	371	4 098	376
CATTLE AND CALVES							
Inventory:							
Cattle and calves	503	22 776	509	23 918	349	21 085	365
Cows and heifers that had calved	439	13 716	430	14 331	318	12 831	325
Beef cows	219	1 828	187	1 635	129	1 310	104
Milk cows	284	11 888	308	12 696	238	11 521	269
Heifers and heifer calves	382	7 414	(NA)	(NA)	292	6 914	281
Steers, steer calves, bulls and bull calves	324	1 646	(NA)	(NA)	218	1 340	204
Sales:							
Cattle and calves	445	13 454	447	12 263	337	12 812	340
\$1,000	(X)	2 891	(X)	(NA)	(X)	2 738	(X)
Calves	319	8 425	(NA)	(NA)	265	8 093	274
Cattle	383	5 029	(NA)	(NA)	292	4 719	286
\$1,000	(X)	2 023	(X)	(NA)	(X)	1 899	(X)
Fattened cattle	72	432	(NA)	(NA)	38	354	23
\$1,000	(X)	171	(X)	(NA)	(X)	139	(X)
Dairy products	230	14 495	(NA)	(NA)	218	14 353	244
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	125	15 012	109	13 368	77	14 629	79
Used or to be used for breeding	70	2 012	(NA)	(NA)	51	1 935	46
Other hogs and pigs	116	13 000	(NA)	(NA)	71	12 694	77
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	76	2 417	53	2 715	56	2 356	51
Dec. 1 of preceding year and May 31	60	1 187	43	1 489	47	1 153	42
June 1 and Nov. 30	62	1 230	42	1 226	49	1 203	41
Sheep and lambs	62	1 270	59	1 317	26	572	21
Ewes 1 year old or older	52	797	(NA)	(NA)	20	313	19
Goats	26	116	(NA)	(NA)	13	67	6
Horses and ponies	176	880	156	769	87	483	87
Sales:							
Hogs and pigs	100	15 628	80	18 813	69	15 295	71
\$1,000	(X)	1 356	(X)	(NA)	(X)	1 339	(X)
Feeder pigs	41	2 419	27	7 731	29	2 215	26
Sheep and lambs	46	773	40	1 074	18	365	14
Sheep and lambs shorn	49	969	(NA)	(NA)	18	446	9
Pounds of wool	(X)	6 580	(X)	(NA)	(X)	2 757	(X)
Sheep, lambs, and wool	\$1,000	55	39	(NA)	21	21	15
Goats	12	55	(NA)	(NA)	8	43	3
\$1,000	(X)	3	(X)	(NA)	(X)	3	(X)
Horses and ponies	41	110	21	167	25	85	13
\$1,000	(X)	129	(X)	(NA)	(X)	116	(X)
POULTRY							
Inventory:							
Any poultry	169	(X)	122	(X)	99	(X)	77
Chickens 3 months old or older	138	534 322	116	696 662	82	532 690	71
Hens and pullets of laying age	133	438 924	112	589 116	78	437 427	69
Pullets 3 months old or older	22	95 398	(NA)	(NA)	13	95 263	10
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	4	(D)	6
Broilers and other meat-type chickens	11	1 387	3	220	2	(D)	3
Turkeys	15	2 294	(NA)	(NA)	9	2 220	7
Turkeys for slaughter	13	(D)	(NA)	(NA)	7	(D)	6
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	4	(D)	1
Other poultry	55	(X)	(NA)	(X)	31	(X)	9
Sales:							
Any poultry	66	(X)	49	(X)	50	(X)	40
Chickens 3 months old or older	41	372 917	43	822 856	35	371 754	34
Hens and pullets of laying age	41	(D)	38	502 404	35	371 754	33
Pullets 3 months old or older	2	(D)	(NA)	(NA)	—	(D)	4
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	—
Broilers and other meat-type chickens	4	(D)	1	(D)	1	(D)	1
Turkeys	11	(D)	(NA)	(NA)	6	(D)	4
Turkeys for slaughter	11	(D)	(NA)	(NA)	6	(D)	4
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1
Other poultry	15	(X)	(NA)	(X)	10	(X)	6
Poultry and poultry products	\$1,000	85	6 121	73	8 432	55	6 111

Table 10. Crops: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more					
	Harvested			Irrigated			Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	228	9 184	(X)	—	—	205	8 740	(X)	—	—	—
	1974	237	7 802	(X)	(NA)	(NA)	217	7 454	(X)	2	(D)	—
For grain or seed (bushels)	1978	25	726	50 474	—	—	20	713	49 578	—	—	—
	1974	25	453	35 308	(NA)	(NA)	19	(D)	34 828	1	(D)	—
For silage or green chop (tons, green)	1978	209	8 458	141 740	—	—	190	8 027	134 101	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	202	7 006	113 722	1	(D)	—
For fodder, hogged or grazed	1978	—	—	(X)	—	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	—	—	—
Sorghums for all purposes	1978	7	47	(X)	—	—	5	(D)	(X)	—	—	—
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	—	—	—
For grain or seed (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
For silage or green chop (tons, green)	1978	7	47	536	—	—	5	(D)	(D)	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—	—
Cut for dry forage or hay (tons, dry)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	(X)	—	—	—
Hogged or grazed	1978	—	—	(X)	—	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	—
Wheat for grain (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Oats for grain (bushels)	1978	1	(D)	(D)	—	—	1	(D)	(D)	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—	—
Barley for grain (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	—
Rye for grain (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	—	—	—
Other small grains for grain	1978	—	—	(X)	—	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	—
Soybeans for beans (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Peanuts for nuts (pounds)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Cotton (bales)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Tobacco (pounds)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Irish potatoes (hundredweight)	1978	14	(D)	6 114	3	(D)	11	29	6 023	3	(D)	—
	1974	20	53	13 712	(NA)	(NA)	11	48	12 973	4	25	—
Sweetpotatoes (bushels)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—	—
Hay crops (tons, dry) (see text)	1978	599	29 421	62 019	—	—	407	24 748	54 995	—	—	—
	1974	540	29 234	59 204	(NA)	(NA)	374	25 432	53 263	—	—	—
Alfalfa hay (tons, dry)	1978	256	7 208	17 965	—	—	207	6 184	16 064	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	171	6 581	15 272	—	—	—
Other tame dry hay (tons, dry) (see text)	1978	456	17 618	35 818	—	—	314	14 794	31 853	—	—	—
Field seed crops	1978	—	—	(X)	—	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	—
Alfalfa seed (pounds)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	—
Red clover seed (pounds)	1978	—	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—	—
All vegetables harvested for sale (see text)	1978	107	1 514	(X)	34	452	86	1 463	(X)	33	(D)	—
	1974	110	1 316	(X)	(NA)	(NA)	86	1 248	(X)	24	399	—
Sweet corn	1978	80	960	(X)	21	208	67	916	(X)	21	208	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	75	810	(X)	19	183	—
Tomatoes	1978	54	53	(X)	21	21	47	52	(X)	21	21	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	49	40	(X)	20	17	—
Green peas excluding cowpeas	1978	10	11	(X)	4	2	9	(D)	(X)	4	2	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	12	(X)	8	9	—
Land in orchards	1978	100	3 222	(X)	3	(D)	71	3 080	(X)	2	(D)	—
	1974	92	3 838	(X)	(NA)	(NA)	70	3 749	(X)	1	(D)	—
Apples (pounds)	1978	96	3 010	43 148	562	(NA)	69	2 888	43 054	242	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3 551	43 535	984	(NA)	(NA)
Peaches (pounds)	1978	33	153	521	696	(NA)	(NA)	29	147	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	163	758	400	(NA)	(NA)
Grapes (pounds) (see text)	1978	13	10	8 575	(NA)	(NA)	5	6	(D)	(NA)	(NA)	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	—
Berries	1978	54	203	(X)	15	46	39	163	(X)	14	(D)	—
	1974	40	81	(X)	(NA)	(NA)	23	56	(X)	6	13	—
Strawberries (pounds)	1978	36	69	348	100	14	44	30	63	336 975	14	44
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	28	149 357	6	13	—
Nursery and greenhouse products	1978	75	254	(X)	21	53	63	245	(X)	19	(D)	—
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	(NA)	(NA)	—

APPENDIX A. General Explanation

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TAKING THE CENSUS

Method of Enumeration

The 1978 Census of Agriculture was the first census to include a mailout/mailback enumeration supplemented by a thorough direct interview of all households in a sample of area segments. This combination list-direct enumeration sample approach was instituted to improve completeness of coverage for State level agriculture census statistics.

In censuses prior to 1969, enumerators were assigned to a specific area and called on all farms within the area. Beginning with the 1950 census, copies of the report form were mailed prior to the enumeration date to each boxholder served by post offices in predominantly rural areas and farmers were asked to complete the forms and have them ready for the enumerator to pick up. Enumerators going door-to-door in rural areas collected and reviewed all forms that had been completed; they also completed forms for those places with agricultural operations which did not have forms ready.

For the 1969 and 1974 censuses, data were collected primarily by a self-enumeration, mailout/mailback procedure. This procedure was made possible by the availability of specialty lists and several administrative lists, including records from the prior agriculture census, from which a list of agriculture-related names and addresses was constructed.

The mailout/mailback enumeration procedure was not used in taking the agriculture census in Puerto Rico, Guam, the Virgin Islands, and the Northern Mariana Islands. A discussion of the direct enumeration methods used appears in the reports for these outlying areas.

Mail List

The mail list for the 1978 census was comprised of all individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1974 census and administrative records of various government agencies, primarily the Internal Revenue Service and the U.S. Department of Agriculture. The administrative lists used for 1978 were more accurate and extensive than those used for the 1974 and 1969 censuses. For 1978, most administrative lists were used in their entirety; whereas, for 1974 and 1969 some lists were sampled so that only selected records were included in the census mailing list.

Lists of large or specialized operations, such as nurseries, broiler growers, fish farms, and livestock range and feedlot operations, which might not be identified in other administrative records, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of multi-establishment companies having one or more establishments (or locations) producing agricultural products or providing agricultural services were obtained from the 1974 census and updated using results of the 1976 and 1977 Company Organization Surveys conducted by the Economic Surveys Division of the Census Bureau.

A preliminary census mail list was assembled using names and addresses from the 1974 census and administrative source lists available early in 1978. Those records identified as most likely not to be farms, since the name appeared on only one source list or on selected combinations of list sources which had yielded a low percentage of farm operators for the 1974 census, were then selected for inclusion in the 1978 Farm and Ranch Identification Survey. Slightly over 4 million of the short identification forms were mailed in May of 1978 to identify persons who were not active farm operators, to identify tenant and successor operators who were not on administrative source lists, and to update the name, address, and size information for the identified active farm operators. Approximately 1.9 million survey returns were classified as out-of-scope (nonfarms), and an additional 400,000 reports were returned by the Postal Service as being undeliverable, resulting in over 2.3 million names and addresses being deleted from the census mail list as a result of the 1978 Farm and Ranch Identification Survey. The final census mail list containing 4,241,000 names and addresses was developed using results of the 1978 Farm and Ranch Identification Survey, names and addresses from the unduplicated preliminary list that were retained without precensus verification, and new or updated source lists acquired after the preliminary unduplication.

The preliminary and final census mail lists were both constructed by merging and unduplicating the names and

addresses from the various source lists on the basis of Employer Identification numbers, Social Security numbers, and names and addresses. To facilitate processing, each name on the administrative source lists was assigned a geographic code indicating the State and county location of the operation and a size code indicating an estimated value of sales. Most duplicates were identified and resolved during computer processing; an additional group of possible duplicates identified during computer processing was resolved clerically. Other duplicate names not identified prior to mailing were either reported by respondents or located during office processing.

Direct Enumeration Area Sample

When the evaluation survey conducted for the 1974 census confirmed the results of the evaluation survey for 1969 (i.e., an unacceptable number of midsize and a larger number of smaller farms were not included in the mail list), the decision was made to incorporate into the 1978 data collection procedures a direct enumeration area sample to provide State level estimates of the number and statistical characteristics of farms found not to be included in the mail list. The effect of this combination mail list-direct enumeration sample approach has been to drastically reduce the number and effect of missed farms in State totals.

The direct enumeration sample consisted of approximately 6,400 segments in "rural" areas (areas outside places with 2,500 or more population in 1970) in all States, except Alaska and Hawaii. The segments were created and selected using enumeration district maps and data from the 1970 Census of Population and Housing. In October and November 1978, enumerators visited each household in these segments to determine if anyone in the household was associated with an agricultural operation. A 78-A1(A) report form was completed for each person with agricultural operations. This form was similar to the 78-A1(S) sample form but collected additional information on alternate names and addresses and other individuals associated with the operation for use in matching these cases to the census mail file. The front page of the 78-A1(A) report form is reproduced in appendix D. During the enumeration, each operator received an orange-colored sticker and was instructed that if he/she received a census form in the mail, the form should not be filled but returned with the sticker attached indicating that a report had already been completed.

During office processing, a concentrated effort was made to match the direct enumeration sample returns to names and addresses on the census mail list using the sticker returns, microfilm search of the mail file for all associated names, telephone calls to all cases that could be reached by phone, and any other available information. Direct enumeration sample returns not matched to the census mail list after this extensive research comprise the sample representing farms in the State not on the census mail list. Data from these unmatched direct enumeration sample returns were used to provide estimates at the State level for farms not on the census mail list. For each State, these data have been tabulated and published as a "pseudo" county and are an integral part of the State totals. The direct enumeration sample estimates have not been included in individual county totals.

Report Forms

The Census Bureau recognizes the need to minimize both respondent burden and census cost by limiting the number of items for which data are requested to those most needed by users as the basis for current understanding and future planning. In addition to limiting data items, the most recent eight censuses of agriculture have also used sampling techniques to further minimize reporting burden and census cost. For 1945, additional items were included in the enumeration of designated geographic segments, but were omitted from the report forms used for all other areas. For the 1950, 1954, 1959, and 1964 censuses, similar goals were met by instructing the enumerators to determine whether to ask or omit the items in designated sections of the report forms. For the 1969, 1974, and 1978 mailout/mailback censuses, two report forms were used again with the result of minimizing the reporting burden, particularly for smaller farms.

For 1978, the two report forms were a 5-page report form (78-A1(S)) containing all the items asked in the census, and a 4-page form (78-A1(N)) omitting the sample items (sections 22 through 27). Form 78-A1(N) and the 78-A1(S) sample items are reproduced in appendix D. In all States except Alaska and Hawaii, the sample form (A1(S)) was mailed to all certainty addresses (large farms) and to 20 percent of the noncertainty addresses; the nonsample form (A1(N)) was mailed to the remaining noncertainty addresses. The sample form was mailed to all Alaska addresses. For Hawaii, a modified version of the sample form was used for all farms. The modifications were made principally in the crops section in order to cover the specialized agriculture on the islands. The Statistical Adjustments section of this appendix defines certainty farms and includes a discussion of the criteria used to determine whether the sample or nonsample form was to be mailed to noncertainty addresses.

Initial Mailing

The report forms were distributed by the U.S. Postal Service during the last week of December 1978 to all individuals, businesses, and organizations on the mail list. Approximately 4,241,000 forms were included in the initial mailing (3,140,000 nonsample forms and 1,101,000 sample forms).

From February through August 1979, additional initial mailings were sent primarily to new tenants and successors identified during report form processing. Thus, the total mailing list for the 1978 Census of Agriculture was 4,430,000.

An information sheet containing detailed instructions for completing the form was included with each report form (see appendix D). Additional special instructions were included with report forms sent to identifiable producers of poultry under contract, bees and honey, laboratory animals, feedlot operations, and nursery and greenhouse products.

In an effort to provide additional help in completing reports, approximately 60,000 copies of a Farm Census Guide booklet were sent to county agricultural agencies and related institutions or businesses to whom farmers might turn for help. Included were rural banks, accountants, vocational agriculture instructors, and the following U.S. Department of Agriculture county offices: Agricultural Stabilization and Conservation Service,

Farmers Home Administration, and Agricultural Extension Service. This guide contained descriptions and definitions for various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms if assistance was requested. In addition, the telephone number for the Jeffersonville, Ind. processing office was provided in the original mailing in case the respondent requested assistance or had additional questions which were not covered in the instructions.

Followup Procedures

The data collection effort included seven followup letters to nonrespondents, three of which were accompanied by a report form. To evenly distribute the workloads in mailing, receipts, and processing, the mail list was divided into three groups for followup purposes. In late January, the first followup letter was sent to all nonrespondents reminding them of the February 15 due date. The other reminders followed on a flow basis at 3- to 4-week intervals starting in late February and continuing into July.

In low response areas, additional efforts were made. State Commissioners of Agriculture were asked to issue supporting statements urging farmers to complete and return their reports. In early April 1979, nonrespondents in about 300 counties with the lowest response rates were mailed an additional letter using simpler language in large print suggesting that if they needed help in completing their report, they could call collect to the Jeffersonville, Ind. processing office.

From March to November 1979, telephone calls were made to nonrespondents who were large (for most States, those with expected sales of \$80,000 or more) or were located in about 60 counties with low response. Data for large farms were obtained by telephone from secondary sources if the addressee could not be contacted or refused to provide information. Most of the nonresponse calls were made by the staff of the Jeffersonville, Ind. processing office. However, calls to the larger and more complex operations were made by the Agriculture Division staff. Upon completion of data collection, all counties had response rates exceeding 75 percent of the final mail list including additional addresses. The overall response rate for the 50 United States was 88 percent for all addresses and nearly 95 percent for addresses with a known history of farm operations. A significant proportion of the nonresponse cases was found not to have qualifying agricultural operations for 1978. For a description of the adjustment for nonresponse, see Statistical Adjustments.

DATA PROCESSING

All report forms were subjected to a clerical screening review, during which they were corrected to make them acceptable for keying onto magnetic tape. Farm operators completing a nonsample form who reported sales or acres above the certainty level were sent correspondence requesting the additional sample data. Reports for special list cases identified on the mail list as producing specific products such as broilers or cattle were checked to insure that the special item had been reported.

Problem reports requiring special review or additional handling were referred to technical assistants, or if necessary, to statisticians for resolution. Report forms with sales or acreage above levels listed as State "must" were subjected to a more stringent precomputer review, including completeness checks for key basic data items. Reports from multiunit operations and institutional and government-operated farms were reviewed and edited by statisticians. All farms with expected or reported sales of \$1,000,000 or more or 30,000 acres or more, all Alaska and Hawaii reports, selected multiunit operations, and other selected problem reports were reviewed by statisticians in the Agriculture Division. Omissions, inconsistencies, and other problems that could not be resolved by reference to other information on the report were resolved by contacting the respondents by telephone or correspondence.

All successors and the more significant tenant names and addresses reported in the census were researched on microfilm of the census mail file. Report forms were mailed to addresses not located on the mail file. Research was also conducted on reports from selected respondents claiming that they had previously completed a census form to eliminate possible duplication.

Data for each report form were subjected to a detailed item-by-item computer edit. The edit included comprehensive checks for consistency and reasonableness, corrected data found to be in error or inconsistent, supplied missing data based on similar size farms within the same county, and assigned farm classification codes which were necessary for tabulating the data. Entries of large magnitude and significant computer-generated changes to the data were manually verified. Obvious errors such as reports of cotton or citrus in the Northern States were also identified and corrected.

Many of the acceptability limits on data were necessarily wide making it impossible to identify and correct all errors or to always supply precise estimates for all the incompleteness in the reports. These factors and others may affect the reliability of data for some minor items, but they should not have a significant effect on major data items in any county.

In the computer edit, those farms with sales or acreage exceeding State "must" levels were tested for historical consistency. Key items such as acreage, number of livestock sold, crops, and sales were compared for significant changes between 1974 and 1978. Problems in historical consistency were resolved usually by telephone.

In order to reduce duplicate reporting because of more than one completed report being received for the same operation under different names, computer listings of reports with similar operator names and size of operation were produced and duplicate reports were deleted prior to tabulations.

After each report was screened, computer edited, and had all identified problems corrected, each data item on the report was added into the total for that item for the county. The result was a computer tabulation matrix for each county containing the sum of individual entries for each data item. This matrix enabled the easy and precise construction of the published tables.

Prior to publication of preliminary reports and volume 1 reports, tabulated totals were reviewed by statisticians to

identify remaining inconsistencies and potential coverage problems. Comparisons were made with historical census trends as well as current year State level estimates published by the U.S. Department of Agriculture and other agencies as part of the coverage review. Selected report forms were reviewed and problem entries were either verified as being correct or the data were corrected.

COMPARABILITY OF DATA

Significant changes were made to the data collection procedures to improve the coverage of the 1978 census, including a more complete mail list and the use of a direct enumeration area sample to supplement the mail list. The effect of these improvements has been to increase the 1978 State farm counts above what they would have been using previous methods. The 1978 State farm counts, consisting of totals from the mail list and the direct enumeration area sample, include farms that would have been missed in the 1974 and 1969 censuses.

The 1978 county farm counts do not include any totals from the direct enumeration sample. However, for some counties, the counts may have increased substantially because of the improved coverage of small farms in the 1978 mail list. County level data on acreages and inventories are generally comparable.

Estimates of the net proportion of farms missed in the 1974 census varied widely by State, from a low of 0.7 percent in Nebraska to a high of 33.0 percent in West Virginia. Appendix C shows adjusted farm counts by State. Because missed farms were typically small, the percent missed was generally higher in States having a relatively large proportion of small farms and urbanized areas having a sizable number of part-time farms. The proportion of the total farms in each State represented by the direct enumeration sample in 1978 can be expected to follow a pattern similar to that for missed farms in 1974.

Since most of the farms identified in the direct enumeration sample were small, these farms have a much greater effect on the State counts of farms and farms reporting than on measures of agricultural production such as land in farms, sales of agricultural products, acres and production of crops, and inventory and sales of livestock and poultry.

Changes in the farm definition also affect the comparability of data. In general, data for 1978 and 1974 would be directly comparable with data for 1969 and earlier censuses only for farms with sales of \$2,500 or more because the data for these farms are not affected by changes in the farm definition. A difference in timing and the change from personal interview to mail enumeration affect comparability with data from censuses prior to 1969. The effect of the 1974 definition change for selected State and county totals is shown in appendix B.

Dollar figures shown for expenses and agricultural product sales have not been adjusted for changes in price levels between census years. Crop and livestock production and sales and expense data are for the calendar year 1978, except for a few crops (such as citrus) for which the production year overlaps the calendar year. Inventories of livestock, poultry, and other specified items are as of December 31, 1978. The reporting period and inventory date are the same as for the 1974 and 1969 censuses.

Censuses prior to 1969 were taken by enumerators, each assigned to a specific geographic area. Field work for the 1959 and 1964 censuses was completed mainly in October, November, and December of the reference year. Livestock and poultry inventories for these two censuses were as of the time of enumeration. Other variations in the time of enumeration occurred prior to 1959.

MAJOR CHANGES IN DATA COLLECTED

Unusually strong adverse reaction to the length and content of the 1974 census report form stimulated an intensive review and rejustification of all data inquiries accepted for collection on the 1978 census report form. Data users were requested to provide the Bureau with their data requirements, including the level of publication needed—county, State, or national. Each data item requested was reviewed to determine if it was needed at the county level and if so, whether on a complete or sample basis. Some data items needed only at the State or regional level were relegated to one or another of the follow-on surveys scheduled to be conducted in 1980 for calendar year 1979. By eliminating many items included on the 1974 report form, redesigning the form to accommodate two columns of items per page, and converting many more items to write-in status, especially in the crops sections, the report form was reduced from a 20-page booklet to a 4-page form for most farms and a 5-page form for certainty and sample farms. Data items on the 1974 report form which were eliminated on the 1978 report form were:

- Type of rental arrangement
- Sales of forest products
- Commercial fertilizer used for specific crops
- Irrigation methods and quantity of water used
- Drainage
- Grain storage facilities
- Futures markets
- Contracts
- Injuries and illnesses
- Other production expenses
- Income and expenses from farm-related sources
- Farm credit
- Family income from off-farm sources

Much of the detailed data collected in 1974 for costs of materials for individual types of agricultural chemicals and for quantities and costs of several feed categories including roughages purchased were deleted from the report form. In addition, many of the redundant totals used on the 1974 report form for cross checking data, especially in the production expenses and value of agricultural products sold sections, were eliminated.

The following high priority new data items were added to the 1978 report form:

- Set-aside acres in Federal Farm Program
- Government Commodity Credit Corporation (CCC) loans for grain and cotton
- Direct sales to consumers
- Foreign ownership of farmland
- Greater detail on expenses for energy

FOLLOW-ON SURVEYS AND THE CENSUS OF HORTICULTURAL SPECIALTIES

Integral to each census of agriculture program are the follow-on surveys conducted after the main census. The purpose of these specialized surveys is to collect additional, much needed agriculture-related information from highly specialized operations or from only a sample of farms without burdening all farm operators. Thus, allowing the use of a shorter report form for the general census. The follow-on surveys are limited to high priority data items that yield United States, regional, or State level estimates, which in and of themselves or in association with general census data, are used as the basis for current decisionmaking and future planning.

Data from the Farm Finance, the Farm and Ranch Irrigation, and the Farm Energy Surveys, conducted in 1980 covering calendar year 1979, are published in Volume 5, **Special Reports**, of the 1978 Census of Agriculture.

The Farm Finance Survey provides detailed farm financial data, including debts, expenses, taxes, credits, assets, and farm and off-farm incomes for farm operators. Many of these items as well as detailed data concerning land ownership and landlord characteristics are also being collected from the landlords of the farms involved in the survey.

The Farm and Ranch Irrigation Survey provides high priority data on water use by irrigated farms. Included in the data are: acreage irrigated, yields for irrigated and nonirrigated crops, quantity of water used, methods of distribution, types of pumps, and number of wells.

The Farm Energy Survey provides detailed data on energy purchased by type of energy source, storage capacity, and selected kinds of energy-consuming machinery and equipment.

The 1979 Census of Horticultural Specialties covers the operations of producers of nursery and greenhouse products, mushrooms, and sod in much greater detail than the main census of agriculture. This census has been conducted in 1890, 1930, 1950, and every 10 years since, in association with the census of agriculture. Data for this census are published in Volume 5, **Special Reports**.

DISCLOSURES

In many tables, data are suppressed and a (D) is used instead of a number. To ensure the confidentiality of information on a characteristic of an individual farm, it is necessary to suppress data when the value of an item for one or two farms can be definitely or approximately determined by mathematical manipulations.

Suppressions of data made within frequency distributions are accomplished in a way that will maintain maximum integrity of the frequency groups as suppressions are made whenever possible in adjacent frequency classes. This allows the user, by subtraction from the total, to have a farm count and total quantity reported for the combined suppressed frequencies. Although the published frequency data are not complete, the truncated frequency distribution is available for analysis purposes.

1974 DATA CORRECTIONS

Some 1974 data have been revised since the 1974 volume I publications were released. The major revisions were for:

Madera County, California—number of heavy breed turkeys sold and related data.

Maricopa County, Arizona—acreage of improved pecans and related data.

DEFINITIONS AND EXPLANATIONS

Definitions and explanations of terms in this section provide more detailed descriptions for selected items and terms than are available on the report form or in the tables. Differences in definitions between censuses, data deficiencies, and special processing performed for individual or related data items are also explained. For an exact wording of the questions on the sample and nonsample forms used in 1978 for the conterminous United States, and the information sheet which accompanied these forms, see appendix D.

For all tables, historical data are shown whenever individual items are comparable, otherwise an (NA) is used. Some historical data may differ slightly from totals included in prior census publications due to rounding of fractions and dollar values.

Farms or farms reporting—The term “farms” or “farms reporting” in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves	farms	842
	number	28,594

Land in farms—The acreage designated in the tables as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator’s total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land was included as “land in farms” provided it was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in Indian reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate total land area of counties and States shown for 1978 represents the land area as determined by records and calculations updated as of January 1, 1979. These data are updated periodically; however, the acreage shown for 1978 are essentially the same as in 1974. Any differences between the land area in 1978 and 1974 are due to annexations, disincorporations, and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products were raised or produced. It was usually the county containing all or the largest proportion of the land in the farm. For a limited number of Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms, identified from the 1974 census and prior special surveys as having more than one separately reportable farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would significantly affect the county totals. These reports were assigned to the appropriate counties during office processing.

Value of land and buildings—Farm operators receiving the sample form were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under current market conditions. For 1978, this information is estimated from the replies of a sample of farms; whereas for 1974, all farm operators were asked to provide these data. If the value of land and buildings was not reported, it was estimated during processing by using the average value of land and buildings from a similar farm in the same geographic area.

Other land—This category includes land in house lots, barn lots, ponds, roads, wasteland, etc. The definition of "other land" is the same in 1978 and 1974 only for farms with sales of \$2,500 or more. In 1974, for farms with sales of less than \$2,500, "other land" included pastureland and rangeland other than cropland and woodland pasture in addition to land in house lots, barn lots, ponds, roads, and wasteland.

Land set aside in the Federal Farm Program—The 1978 report form included a new inquiry on the number of acres set aside in 1978 under the provisions of the Federal Farm Program. These data are for acres of cropland taken out of production by growers of wheat, corn, grain sorghums, and barley, and instead planted in cover crops, soil-improvement grasses, etc. No information was obtained as to which grains would have been grown on the acres set aside.

Foreign ownership of agricultural land—An inquiry measuring the impact of foreign ownership of agricultural land was added to the 1978 report forms. All farm operators were asked to report the number of acres owned by individuals who are not

U.S. citizens; or owned by foreign-held corporations, unincorporated associations, or foreign governments.

In some cases, operators using land owned by others may not know the beneficiary owner of the land or, if the owner is known, they may not know the citizenship of the landlord. Therefore, a "don't know" category was included on the report form. Corporations with 50 percent or more of the stock held by foreign investors were considered foreign owned. Any land owned and operated by such corporations was included as land held under foreign ownership.

County summary table 36 provides operators response to the foreign ownership inquiry. Counts are provided for those responding "yes", "no", "don't know", and "no response". No attempt was made to contact nonrespondents.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, marketing, etc. The operator may be the owner, a member of the owner's household, a salaried manager, a tenant, a renter, or a sharecropper. If he/she rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which he/she retains for his/her own operation. For partnerships, only one partner is counted as an operator. If there is no clear-cut partner in charge, then the senior or oldest active partner is considered to be the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operations.

Operator characteristics—Data on characteristics such as residence, race, Spanish origin, age, sex, principal occupation, and off-farm work were collected from all operators in 1978. In the 1974 census, operator characteristics were collected only for all farms with sales of less than \$2,500 and for farms with sales of \$2,500 or more operated by individuals (sole proprietorships) and partnerships. If operator characteristics of race, age, sex, and principal occupation were not reported for 1978, they were derived based on reports with similar acreage size, tenure, and sales size. No adjustments were made for nonresponse to residence, Spanish origin, and off-farm work.

Extensive verification and recontacting were done for positive responses to Spanish origin, especially in Southern States. It was found that a number of these responses were in error, apparently the word American in "Mexican American" was mistaken as American origin.

Write-in entries of "other" race were clerically reviewed and recoded where necessary; entries without an accompanying write-in description were not verified by recontacting the respondent. Based on demographic classifications, "other" race is limited to native non-Spanish populations of Central and South American countries.

In the presentation of data on race of operator, the classification "Black and other races" includes Blacks, American Indians, Asian or Pacific Islanders, and any other separate racial group excluding White. For the 1978 census, operators of

Spanish origin are tabulated by reported race. Prior censuses included Spanish origin as "White" whenever separate data for the White race were shown.

The 1978 Census of Agriculture is the first census to collect data on the sex of the operator. For farm operations where both husband and wife participated, the response was determined by the parties involved.

Selected production expenses—Data on selected production expenses incurred in 1978 were requested from farm operators reporting on the sample form. Only selected production expenses were requested; thus, the expense data cannot be used in combination with gross sales to calculate net farm income. The 1974 census attempted to gather selected expenses plus a category "all other production expenses" to arrive at total expenses. This category was to include items such as depreciation, taxes, interest, rent, and insurance for the farm business. Because of the burden to respondents and inaccuracy in reporting, the "all other production expenses" inquiry was not included on the 1978 report form. The 1979 Farm Finance Survey provides estimates on net farm income.

For 1978, as with earlier censuses, expense data in some cases were not fully reported especially by operations producing crops, livestock, or poultry on a contract basis. Many such operators were unable or unwilling to estimate the value of production inputs furnished by the contractor. Estimates were made for individual expense items based on reported crop and livestock information, or on averages or ratios of expense items reported by similar farms in the same geographic area.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1978, excluding the cost of application. Some fertilizer purchased in 1978 may not have been applied during the year. If the fertilizer was applied by someone other than the operator, the cost of application is included as an expense for customwork, machine hire, and rental of machinery and equipment. Some operators may have included the cost of application with the amount spent on fertilizer.

Other agricultural chemicals, including lime—Expenses include the cost of all insecticides, herbicides, fungicides, other pesticides, lime, etc., excluding costs of application. Data exclude commercial fertilizer purchased.

Customwork, machine hire, and rental of machinery and equipment—This expense represents costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of labor used on rented or hired machinery is included as a hired farm and ranch labor expense.

Energy and petroleum products—More extensive data on energy usage for the farm business were collected in the 1978 census than in prior censuses. Data were collected on expenses, gallons purchased, and storage capacity for gasoline; diesel fuel; LP gas,

butane, and propane; and fuel oil. In addition, data on expenses for natural gas; kerosene, motor oil, and grease; electricity; and all other energy sources were collected. Data for 1974 include only storage capacity and expenses for gasoline; diesel; LP gas, butane, and propane; and a combined total expense for motor oil, grease, piped gas, kerosene, and fuel oil. The 1978 energy data were collected from a sample of farms. Additional data on energy usage and storage capacity are available from the 1979 Farm Energy Survey.

Caution should be used in evaluating storage capacity. Farms not reporting storage capacity were not identifiable from farms with no storage capacity; therefore, the totals underestimate the actual storage capacity available.

Value of agricultural products sold—This item represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1978 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, and others associated with the operation.

The value of agricultural products sold represents the sum of all crops including nursery products sold, and livestock and poultry and their products sold. It does not include income from farm-related sources such as customwork or agricultural services, or income from nonfarm sources. For 1974 and 1969, the value of agricultural products sold included sales of forest products from farms and ranches.

The value of crops sold in 1978 does not necessarily represent the sales from crops harvested in 1978. Data include sales from crops produced in earlier years and exclude some crops produced in 1978, but held in storage and not sold in 1978. For crops sold through a co-op which made payments in several installments, only the total value received in 1978 was to be reported.

The value of agricultural products sold was collected from all operators. Where the operator failed to report a value of sales, estimates were made based on the amount of crops harvested or the number of livestock or poultry sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be applied when comparing sales in 1978 with sales reported in earlier censuses due to the extreme fluctuations in per-unit prices between census years.

Income from machine work, customwork, and other agricultural services—This category consists of gross income received during 1978 by farm operators for providing machine work, customwork, and other agricultural services for others such as plowing, planting, harvesting, etc. Entries were deleted when duplicate information was reported in the 1978 Census of Agricultural Services, or when entries were large enough to consider the agricultural services activity separate from the farm or ranch. The agricultural services part of a farming operation was generally considered a separate operation when income from agricultural services was greater than \$500,000, or when it was \$10,000 or more and greater than the value of agricultural products sold. Data for establishments primarily engaged in agricultural services are published separately in volume 3.

Value of agricultural products sold directly to individuals for human consumption—This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. By definition, it excludes nonedible products such as nursery products, cut flowers, wool, grains, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded where identified.

Fertilizer and lime—Detailed inquiries on acreage fertilized and tonnage of fertilizer applied by crop, which were included on the 1974 census form, were not collected in 1978. Data collected for 1978 are limited to total acres of cropland fertilized excluding cropland used only for pasture, and total acres of pastureland and rangeland fertilized. Data on lime use were requested in both 1978 and 1974. Land fertilized and limed data were collected from a sample of farms in 1978. Total acres of cropland fertilized in 1974 were obtained by adding the acres of individual crops fertilized and, therefore, may include duplication where two or more crops using the same acreage were each fertilized during the year.

Irrigation—The 1978 report forms included inquiries on acres irrigated for specific crops and total acres irrigated for harvested cropland, pastureland or rangeland, and any other land. Data on methods of irrigation and estimated quantity of irrigation water used by farms and ranches collected in the 1974 and 1969 censuses are available from the 1979 Farm and Ranch Irrigation Survey and are included in Volume 5, **Special Reports**. Irrigation data collected on the 1978 report form are summarized in more detail in volume 2, Part 9, **Irrigation on Farms** and in Volume 4, **Irrigation**, which also includes data from off-farm water suppliers covered in the 1978 Census of Irrigation Organizations.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by the State average price. The State average prices for cattle, hogs, sheep, angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the Economics, Statistics, and Cooperatives Service of the U.S. Department of Agriculture. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the 1978 Census of Agriculture. The 1974 and 1969 data were developed in a similar manner.

Poultry hatched—The 1978 data include all poultry hatched during the year that were placed or sold; whereas for 1974, data include only poultry sold. For example, chickens hatched and raised for layer replacement on the same farm are included in 1978 data for poultry hatched, but excluded from 1974 totals. The value of hatchery sales is included in the category "Poultry and Poultry products."

Fish and other aquaculture products—The raising of fish and other aquaculture products in captivity was included as agri-

cultural production by the 1972 Standard Industrial Classification, and data for such operations were included in the agriculture census for the first time in 1974. The value of fish and other aquaculture products sold is included in the category "Other livestock and livestock products." Production in salt water was considered not to be in captivity and was excluded.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located (even though hives are often moved from farm to farm over a wide geographic area for pollination of crops). The completeness and accuracy of these data are affected by the fact that some bee operations may not have been on the mail list and some operators on the mail list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

Citrus enumeration—For the 1978 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the report form. A citrus caretaker is an organization or person caring for or managing citrus groves for others. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and number of acres of citrus. The names on the lists were matched to completed grove owners' reports to eliminate duplication. The caretaker was also requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report again. In the 1978 census, 8 caretakers in Arizona reported 250 grove owners having 12,000 acres of citrus; the 100 caretakers in Florida reported 6,600 grove owners having 240,000 acres of citrus; and 27 caretakers in Texas reported 1,500 grove owners having 30,000 acres of citrus.

More detailed information by State and county are included in volume 2, part 6.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1978 except for citrus fruits, avocados, and olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data relate to the crops harvested from the bloom of 1977 for the 1977-78 marketing season.

Avocados—The data for California relate to the quantity harvested from November 1, 1977 through November 30, 1978; the data for Florida relate to the quantity harvested or to be harvested from April 1978 through March 1979.

Olives—The data relate to the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Vegetables—The data for Florida relate to the crop harvested for the September 1, 1977 through August 31, 1978, harvest season.

Sugarcane—The data for Florida and Texas relate to the reported cuttings from November 1977 through April 1978.

Pineapples and coffee—The data for Hawaii for pineapples relate to quantity harvested for the year ending May 31, 1978, and coffee for the 1977-78 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse products; in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. The exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, or cropland idle.

For crops grown purposely for grazing, quantity harvested was not requested. Acres for these crops were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." This procedure applies to the following crops:

Corn cut for dry fodder, hogged or grazed

Cowpeas hogged or grazed or cut for silage

Sorghums hogged or grazed

Soybeans hogged or grazed or cut for silage

Quantity harvested was not obtained for crops such as vegetables, nursery and greenhouse products, and soybeans plowed under.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland or for the individual crop acreages.

Data for hay represent all hay crops, including grass silage and hay crops cut and fed green. In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Crop units of measure—For some crops, the operator could report quantity harvested in a unit of measure currently in use in the area. These crops were: Corn for grain or seed, in bushels shelled or hundredweight shelled; sorghums for grain or seed, in bushels or pounds; rice in 100-lb. bags, bushels, or 162-lb. barrels. Corn for grain and sorghums for grain are published in bushels and rice in 100-lb. bags. Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops are published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the United States were prelisted (see sections 2 and 3 of the report form). For the other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code (see sections 4, 5, 6, 7, and 8 of the report form). For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Crops not coded by the respondent were coded during processing before keying. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned; reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section of the report, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore were not corrected. Reports with unusual crops for the area were examined to minimize the possibility that they were in error.

Comparability of crop data—For the 1974 and 1969 censuses, data for all crops are available for farms with sales of \$2,500 or more while only data for the major crops—corn, sorghums, soybeans, peanuts, wheat, cotton, tobacco, potatoes, hay, vegetables, land in orchards, and berries are available for all farms. For 1978, data for all crops are available for farms with sales of \$2,500 or more and for all farms.

For a number of commodities, less detailed data were collected in 1978 than in 1974. In these instances, 1974 data have been combined to provide comparable figures wherever possible.

The "acres of vegetables harvested" in 1978 and 1969 was the summation of the acres of individual vegetables harvested,

but in 1974 it was the total land used for vegetable crops. For "land used for vegetable crops," the acres were to be reported only once even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

The "other crops" in the tables are not comparable from census to census as crops are added and deleted from the report form each census.

Value of crop production—This item represents the estimated value of all crops harvested during the 1978 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained in most part from publications of the Economic, Statistics, and Cooperative Service, U.S. Department of Agriculture (USDA). When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondents, report forms, county extension agents, and other persons knowledgeable about specific crops.

"See Text" References

Items in the tables which carry the note "See text" are explained or defined in this section. Also, additional definitions and explanations for some items are provided.

Data for 1978 are based on a sample of farms—Sections 22 through 27 of the census report form 78-A1(S), which include inquiries on commercial fertilizer and lime, chemicals, machinery and equipment, expenses for energy and petroleum products, selected production expenses, and value of land and buildings, were requested of all certainty (large) farms and approximately 20 percent of all other farms. As these data are subject to sampling error, estimates of the sampling reliability of county totals for selected items are shown in table D.

Farms operated by Black and other races—For 1974 and 1978, "other races" includes American Indians, Asian and Pacific Islanders, and all other racial groups other than White. The 1969 data are limited to farms operated by Blacks. Additional information on race of operator is provided under "operator characteristics".

All other races—This category is limited to native non-Spanish populations of Central and South American countries.

1974 data apply only to individual or family operations (sole proprietorships) and partnerships—For 1974, farm operator characteristics were not collected from corporations, cooperatives, prison farms, grazing associations, and Indian reservations. For 1978, characteristics and occupation of the senior partner or person in charge were collected from all farms, regardless of the type of organization.

Other type of organization—This category includes cooperatives, estates or trusts, prison farms, grazing associations, and Indian reservations.

Market value of agricultural products sold—This item represents the gross market value, before taxes and expenses, of all agricultural products sold in the census year including livestock and poultry and their products, and crops including nursery products and hay. The data include landlords' and contractors' shares. The 1974 and 1969 data include sales of forest products.

Farms with value of agricultural products sold less than \$2,500—In 1978, this category includes all farms, except abnormal farms, with sales less than \$2,500. In 1969 and 1974, farms reporting sales less than \$2,500 but having the production potential for sales of \$2,500 and over are included in the category farms with sales of \$2,500 and over. In frequency distributions, the 1969 and 1974 farms with potential sales of \$2,500 and over are included in the \$2,500 to \$4,999 sales group.

Other livestock and livestock products—Production of fish and laboratory animals is included in this category in 1974 and 1978; whereas, production of these items was excluded entirely from the 1969 census.

Poultry hatched—For 1978, this category includes all poultry hatched during the year that were placed or sold; whereas for 1974, it only included poultry sold. Incubator egg capacity on December 31, 1978, is tabulated under the column heading Inventory and the number of poultry hatched is under the heading Sales.

Worms—For 1978, the production of worms was separately identified; whereas for 1974, it was not. Inventory consists of the number of standard worm beds in production. A standard worm bed was considered to be 24 cubic feet measuring 8 feet by 3 feet by 1 foot. Sales of worms are shown in pounds. Worm casting sales are included in livestock products sold.

Hay crops (tons, dry)—Data shown for hay represent all hay crops, including grass silage and hay crops cut and fed green. In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Other tame dry hay—The 1974 categories clover-timothy hay, lespedeza hay, coastal Bermuda grass hay, and other hay have been combined into "other tame dry hay" in 1978.

All vegetables harvested for sale—In 1978 and 1969, the acres of vegetables harvested is the summation of the acres of individual vegetables harvested; while in 1974, it is the total land used for vegetable crops.

Land used for vegetables—Data are the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Grapes (pounds)—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds fresh weight.

All nursery and greenhouse products—Data are a summation of the individual items presented.

Excludes abnormal farms—Abnormal farms include institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

Farms by standard industrial classification—See explanation under Farm Classifications.

FARM CLASSIFICATIONS

State tables 29 through 35 present detailed 1978 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. In 1974, comparable detailed data were tabulated only for farms with sales of \$2,500 or more. Other tables include data classified by value of sales groups, or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales—In a number of State and county tables, data are shown separately for all farms and for farms with sales of \$2,500 or more, and for various value of agricultural products sold or value of sales size groups.

For 1978, all farms except abnormal farms have been tabulated by size based on reported sales. Thus, the category "farms with sales of \$2,500 or more" includes only farms with actual sales of \$2,500 or more. For 1969 and 1974, farms reporting sales of less than \$2,500 but having the production potential for sales of \$2,500 or more are included in most tables under the category farms with sales of \$2,500 or more based on potential sales.

In 1969, 1974, and 1978, abnormal farms were not tabulated based on actual or potential sales. Detailed data for abnormal farms are included in all farm data shown in State table 34, but are excluded from totals for all farms shown in other State tables 29 through 35. Otherwise, data for abnormal farms are included in totals for all farms, but are excluded from totals for farms with sales of \$2,500 or more.

In 1969 and earlier censuses, data were classified into nine groups referred to as "economic classes." For farms with sales of \$2,500 or more, the value-of-products-sold classifications used in 1974 and 1978 are the same as the value ranges used for establishing economic classes 1 through 5. Data for farms with sales of less than \$2,500, classified in 1969 and earlier censuses as class 6, part time and part retirement, are not directly comparable to the 1974 and 1978 value-of-product classes because of the change in farm definition and modifications in farm classification.

Farms by tenure of operator—The classifications of tenure used for both the 1978 and 1974 censuses are:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Detailed 1978 data by tenure of operator are shown in State table 29 for all farms, excluding abnormal farms, and for farms with sales of \$2,500 or more.

Farms by type of organization—The 1978 Census of Agriculture was the first census in which all farms were classified by type of organization. In the 1969 and 1974 censuses, these data were collected and tabulated only for farms with sales of \$2,500 or more.

The classifications used were:

Individual or family operation (sole proprietorship), excluding partnership and corporation.

Partnership operation, including family partnership.

Corporation, including family corporation.

Other, such as cooperative, estate or trust, institutional farm, etc.

For 1978, corporations were subclassified by two additional characteristics into:

a. Family held.

Other than family held.

b. More than 10 stockholders.

10 or less stockholders

These subclassifications were not used in the 1974 Census of Agriculture. However, somewhat similar classifications were obtained in a follow-on survey of all corporations identified in the census, which were published in volume IV, part 5 of the 1974 Census of Agriculture. This survey collected detailed information on family and nonfamily corporations, number of shareholders, and other classifications and characteristics of corporations at both the firm (company) and farm levels. In the 1969 census, corporations were classified only by number of shareholders; those having more than 10 or those having 10 or fewer shareholders.

Caution should be exercised when comparing 1978 corporation data to those of the 1974 survey and the 1969 census. For the 1974 survey, respondents were given a choice of four kinds of corporations from which to select the one that best described their operation: Family corporation, independent corporation, parent corporation (with one or more subsidiaries), and subsidiary of another corporation. Classification rules used prevented an independent, parent, or subsidiary corporation from being classified as a family corporation. The two-way choice of family held or other than family held used in 1978 has resulted in a decrease in the number and proportion of nonfamily held corporations reported.

A followup study of the 1969 data indicated that a sizable number of farms were incorrectly reported as corporations, especially in the Southern States. The 1974 survey was used to identify and correct the misreporting of corporations in that

census. In the 1978 census, some reports incorrectly had both individual or family operation (sole proprietorship) and family held corporation indicated. These reports were reviewed during the processing phase and resolved based on whether or not the respondent operated under a corporate name, had reported as a corporation in the 1974 census, or was shown to be a corporation on one or more of the administrative records used in developing the census mail list.

Farms by age and principal occupation of operator—Data on age and principal occupation were obtained from all operators for 1978. In 1974, these data were collected only for all farms with sales of less than \$2,500 and for farms with sales of \$2,500 or more operated by individuals (sole proprietorships) and partnerships. Detailed characteristics are shown by six age-of-operator groups in combination with occupation information for all farms in State table 31 and for farms with sales of less than \$20,000 in State table 32. The principal occupation classifications used for 1978 were:

Farming—The operator spent 50 percent or more of his worktime in 1978 in farming or ranching.

Other—The operator spent 50 percent or more of his worktime in 1978 in occupations other than farming. Some operators engaged in ranching marked "other" as their principal occupation. Most such obvious errors were corrected during processing.

Farms by size—All farms were classified by size according to the total land area in each operation. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's. Detailed characteristics of all farms by 12 size-of-farm groups are presented in State table 33.

Farms by standard industrial classification—As in the 1974 census, agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) are classified by the Standard Industrial Classification (SIC) system in the 1978 census. These classifications, found in the 1972 SIC Manual, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 3- or 4-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment was less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group; otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

All farms in the 1978 census were classified by SIC. In the 1974 census, farms with sales of less than \$2,500 were not classified by SIC. In 1978, those agricultural producers having no sales reported were retained as farms and classified as general

livestock farms in industry 0291 if livestock or pasture were reported or as general crop farms in industry 0191. Characteristics of all farms by selected SIC groupings are shown in State tables 11 and 35. Additional and more complete 1978 data for various SIC classifications are published in volume 2, part 8.

UNPUBLISHED DATA

Additional data have been assembled in a series of unpublished tables. The unpublished State table "Summary by Standard Industrial Classification of Farms by Value of Sales: 1978" has a format similar to State table 34. The largest size group in the boxhead is \$100,000 or more. Data are shown for the following SIC groupings:

- Cash grain farms (011)
- Field crop farms except cash grain farms (013)
- Cotton farms (0131)
- Tobacco farms (0132)
- Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133)
- Vegetable and melon farms (016)
- Fruit and tree nut farms (017)
- Horticultural specialty farms (018)
- General farms, primarily crop (019)
- Livestock farms except dairy, poultry, and animal specialty (021)
- Beef cattle farms, except feedlots (0212)
- Dairy farms (024)
- Poultry and egg farms (025)
- Animal specialty farms (027)
- General farms, primarily livestock (0291)

The following unpublished county summary tables include data tabulated by detailed size groupings:

- Farms by Size of Farm: 1978 and 1974
- Acreage and Value of Owned and Rented Land: 1978
- Farms by Acres of Cropland Harvested: 1978 and 1974
- Place of Residence of Operator by Occupation and Off-Farm Work: 1978
- Hired Farm Labor by Number of Hired Workers: 1978
- Farms by Expenses for Hired Farm or Contract Labor: 1978
- Broilers Sales by Number Sold Per Farm: 1978
- Cows and Heifers That Had Calved—Inventory by Number Per Farm: 1978
- Beef Cows Inventory by Number Per Farm: 1978
- Milk Cows Inventory by Number Per Farm: 1978
- Cattle and Calves Inventory by Number Per Farm: 1978
- Cattle and Calves Sales by Number Sold Per Farm: 1978
- Fattened Cattle Sales by Number Sold Per Farm: 1978
- Hogs and Pigs Inventory by Number Per Farm: 1978
- Hogs and Pigs Sales by Number Sold Per Farm: 1978
- Feeder Pigs Sales by Number Sold Per Farm: 1978
- Other Hogs and Pigs Sales by Number Sold Per Farm: 1978
- Sheep and Lambs Inventory by Number Per Farm: 1978
- Sheep and Lambs Sales by Number Sold Per Farm: 1978

Data similar to that shown in State table 28 for the acreages of crops harvested and production by acreage size have been summarized at the county level, but have not been tabulated.

These summaries can be tabulated at a minimal cost depending on the detail of data requested.

For information on the availability and cost of unpublished tabulations, please write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

NONAMPLING ERRORS

Every census or survey is subject to errors. In addition to sampling variability, errors may arise from such sources as incorrect or incomplete reporting, processing, and the inability to obtain a report from each eligible reporting unit. Sampling variability is discussed in Statistical Adjustments.

Reported data in the census may be incorrect as a result of the misunderstanding of questions or because of the use of estimates in reporting. During processing, adjustments were made to data items which appeared to be inconsistent with other items reported for the same farm.

Respondents may have failed to provide all of the information requested. In some cases, the respondent may have indicated the presence of an item but not the amount. Imputations were made for missing data on the quantities and sales of crops and livestock but no imputations were made for place of residence or foreign ownership of land.

Careful efforts were made to keep errors introduced during clerical and electronic processing to a controlled level through the use of quality control, verification, and check measures on specific operations.

Extreme values in the direct enumeration sample (those contributing a substantial proportion of the estimated total) were reviewed individually and sometimes reduced. This will result in a possible downward bias in estimated totals.

Inclusion of the direct enumeration sample in 1978 resulted in a matching operation to identify names and addresses included in both the direct enumeration sample and the mail list. This matching operation was subjected to critical review and verification, including telephone calls to most respondents in the direct enumeration sample who were not matched in normal processing. Duplicates which were not identified during the matching process will result in an upward bias in estimated totals.

An adjustment was made for nonrespondent operations on the mail list. This adjustment employed sampling of both nonrespondent and respondent cases and variation from the adjustment is measured in sampling error; however, any systematic bias is not measured.

An evaluation of coverage is being conducted to measure the extent of undercount or overcount of farms in the census. A description of this evaluation is included in Census Coverage.

CENSUS COVERAGE

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this aim difficult to achieve. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing

changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agricultural operations, the difficulty of locating and identifying some types of farms, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census.

An evaluation of coverage has been conducted for each census of agriculture since 1945. Although the primary purpose of these evaluations is to identify problem areas and supply evidence as a basis for improvements, they also provide users of census data with estimates of the completeness of census counts. The results of the coverage evaluation study were published for the 1974 census in Volume IV, **Special Reports**, part 3. This report included estimates of the net percentage of all farms missed in the census. Farm counts for 1974, adjusted for this net undercount, are shown in appendix C.

The inclusion of a direct enumeration sample to supplement the mail list for the 1978 census partially eliminates the major source of undercoverage of farms, namely, incompleteness of the mail list. However, inaccurate counting may still occur because (1) by design, the sample omitted the selection of area segments in places that had 2,500 or more population in 1970; (2) direct enumeration sample interviewers may have under counted or over counted farms; and (3) respondents may have been misclassified as farms or nonfarms during processing.

The coverage evaluation for the 1978 census includes a re-enumeration of a subsample of the direct enumeration segments with matching and verification of differences, identification of operators not included on the mail list in places with 2,500 or more population in 1970 using supplemental questions on the Annual Housing Survey, and verification of the farm-nonfarm classification for a sample of respondents.

The changes in data collection procedures implemented for the 1978 census should substantially reduce undercoverage, and the proportion of farms not included in the census is expected to be between 2 and 3 percent for the United States. Results of the coverage evaluation and other evaluative material are included in volume 5.

STATISTICAL ADJUSTMENTS

Report forms were obtained and tabulated for all the identified larger farms (in general, those with expected sales of \$80,000 or more). In the few instances where the operator did not supply the required information, data were obtained from secondary sources. By means of detailed, programmed edit specifications, adjustments or corrections were made during the computer edit operation for internally incomplete or inconsistent data. The review procedures provided for computer printouts of edit changes that exceeded specified limits for the item. These changes were then reviewed for reasonableness by members of the processing staff and necessary corrections made.

Nonresponse

The statistics for each State and county were adjusted to account for nonrespondent smaller operations. The number of

farms for which adjustment was made was estimated on the basis of the results of a canvass of a random sample of mail list addressees who did not respond to the census during the regular followup period. The canvass, using an abbreviated form, was accomplished with the use of the mail and telephone. The sample for each State was designed to provide estimates of the number of nonrespondent farms with a relative standard error of approximately 6 percent. However, approximately one third of the sample could not be contacted resulting in a potential bias in the estimates. The sample estimate of the number of nonrespondent farms at the State level was allocated to strata at the county level using the number of nonrespondents and the proportion of census farms among respondents. A sample of respondent data records was selected by stratum and weighted to represent the nonrespondent farms.

Table A shows for selected items for the State the percent of the published total that the whole farm nonresponse adjustment represents. Adjustment for individual item nonresponse on respondent forms is not included in the percentages. These percentages indicate the potential for bias in published figures resulting from nonresponse, i.e., the extent to which the actual data for nonrespondents may not agree with the nonresponse adjustments. The probable range of difference is unknown. However, the degree of uncertainty regarding the accuracy of the data increases as the percentage of the total represented by the nonrespondent adjustment increases.

Direct Enumeration Sample

Because of undercoverage problems with the mail list for the 1969 and 1974 censuses, a direct enumeration area sample was included to supplement the mail list for the 1978 census. Enumeration district maps and data from the 1970 Census of Population and Housing were used to construct the sampling frame from which the direct enumeration sample was selected. The frame was stratified by State and by a farm density ratio (the ratio of farm households to total households). In this State, the selected sample consisted of 82 segments. The expected number of farms per segment varied by strata from none in residential areas to 12 in intensive farm areas and averaged about 10 farms. Farms enumerated in the direct enumeration sample were matched to the mail list and the data for the unmatched farms were weighted by the reciprocal of the probability of selection for the segment to make State estimates for farm operations not represented on the mail list.

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

Item	Percent of total
Farms.....	4.7
Land in farms.....	3.1
Value of agricultural products sold.....	1.2
Harvested cropland.....	2.8
Corn for grain or seed acres.....	(D)
Wheat for grain acres.....	(D)
Inventory:	
Cattle and calves.....	2.0
Hens and pullets of laying age.....	.4
Hogs and pigs.....	.5

Mail List Sampling

To obtain county data for appropriate items without burdening all farm operators, data for Sections 22 through 27 of the report form 78-A1(S) were collected only from a sample of farms. The sample was selected from the mail list and consisted of all addresses in a certainty stratum and a random sample of addresses from the noncertainty stratum. The certainty stratum consisted of all addresses meeting specified size criteria in terms of indicated acreage and/or value of sales. Certainty size criteria varied by State from 1,000 to 5,000 indicated acres and from \$40,000 to \$200,000 indicated value of sales based on historic or mail list source data. All addresses in counties with less than 100 farms in 1974 were also selected as certainty. Noncertainty addresses in counties with 100 to 199 farms in 1974 were sampled at a rate of 1 in 2, and noncertainty addresses in counties with 200 farms or more in 1974 were sampled at a rate of 1 in 5.

Several elements of the sampling from the mail list and associated data collection may introduce substantial variation and a potential bias into the resulting data. First, the mail list from which the sample was selected contained about 50 percent nonfarm names and addresses which were not identifiable at the time of selection. Both farm and nonfarm names and addresses were selected into the sample. As a result, the farm data actually tabulated came only from part of the sample, specifically the names and addresses which represented farms. Secondly, the stratification was based on size information from several sources and of varying quality. Size information was not available for a substantial proportion of the names and addresses. In addition, sample and nonsample forms may have been returned at a different rate by respondents.

In order to improve the precision and minimize the bias of estimates from the sample, post-stratification was used to produce estimates. Basically, this consisted of classifying all farms into relatively homogenous strata and weighting sample farms within each stratum by the ratio of total farms to sample farms.

Farms meeting certainty size criteria during sample selection and those identified during processing as meeting similar criteria were assigned to a certainty stratum. All other farms were assigned to 64 strata. Farms with sales of less than \$2,500 were classified into eight size-of-farm groups (less than 10 acres, 10 to 49 acres, 50 to 69 acres, 70 to 99 acres, 100 to 199 acres, 200 to 259 acres, 260 to 499 acres, and 500 acres or more); within each of two value-of-sales groups (less than \$1,500 and \$1,500 to \$2,499); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms). Farms with sales of \$2,500 or more were classified into four size-of-farm groups (less than 50 acres, 50 to 99 acres, 100 to 259 acres, and 260 acres or more); within each of the four value-of-sales groups (\$2,500 to \$4,999, \$5,000 to \$9,999, \$10,000 to \$19,999, and \$20,000 or more); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms).

Each stratum was examined and collapsed into another stratum if (1) the stratum contained less than 20 sample farms; or (2) the calculated weight for the stratum was greater than 10 in counties sampled at a rate of 1 in 5 and greater than 4 in counties sampled at a rate of 1 in 2.

The post-stratification provided weights to be assigned to farms in each of the final collapsed strata such that the total of the weights for sample farms in the stratum would be equal to the total number of farms in the stratum.

Estimates were prepared for items in Sections 22 through 27 of the report form by multiplying the data for each item for each farm in the sample by the weight assigned to the farm. The weight for a certainty farm was 1.

Reliability of Census Estimates

Sampling variability in census data may arise from several sources, some affecting all data and others affecting only certain items or geographic levels of tabulation.

The sampling involved in the imputation for nonrespondents affects all data items at all geographic levels of tabulation. However, farms above specified size limits were not eligible for selection to represent nonrespondents. The size limits varied by State from \$60,000 to \$150,000 and from 1,000 to 2,000 acres. As a result of these limits, the sampling variability arises primarily from smaller farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected.

Estimates from the direct enumeration sample are not included in county totals but contribute to sampling variability of State totals for all data items.

The sample selected from the mail list provides estimated data only for Sections 22 through 27 of the report form. It contributes to sampling variability only for the items in these sections. Including the certainty farms and sample farms, data for Sections 22 through 27 were collected on approximately 26 percent of the farms nationwide.

Table B includes estimates of sampling reliability of State totals for a selected set of items. The estimates of sampling reliability for total number of farms, land in farms, harvested cropland, irrigated land, crops harvested, livestock, and value of agricultural products sold include components of variation for nonresponse imputation and for the direct enumeration sample. The component of variation for nonresponse imputation is relatively small and the direct enumeration sample is the major source of variation for these items. Estimates of sampling reliability for fertilizer use, chemical use, value of machinery and equipment, and value of land and buildings contain components of variation for the direct enumeration sample and the mail list sample.

Table C contains estimates of sampling reliability for the estimated number of farms in a county reporting an item in table D. These estimates of sampling reliability contain com-

ponents of variation arising from the mail list sample. The approximate standard error in percent may be read directly from the table based on the number of farms reporting the item. For a number of farms not shown in the table, a linear interpolation will provide a reasonable approximation. These estimates should not be applied to counties indicated to be certainty in table D.

Table D shows estimates of the sampling variability of selected items for each county and for the portion of the State total pertaining to farms not on the mail list. Estimates for county totals contain variation from the mail list sample and estimates for the portion not on the mail list contain variation from the direct enumeration sample. Items for counties indicated to be certainty in the table are subject to some sampling error but this is expected to be small and is not included. Items in county publications with data collected from all farms contain a component of variation from nonrespondent imputation. This component is usually small and is not shown in the sampling variability tables.

The sample estimates and the estimates of standard errors presented in tables B, C, and D permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples.

If all possible samples were selected, each of these surveyed under essentially the same conditions, and an estimate and its estimated standard error were calculated from each sample, then:

- a. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
- b. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples.

For example, suppose the estimated number of farms in a State is 50,000 with a relative standard error of 3.0 percent. Then the standard error is 1,500 (3.0 percent of 50,000) and the chances are 2 out of 3 (67 percent) that complete coverage using the same survey methods would yield between 48,500 and 51,500 farms.

As calculated, the standard error also partially measures the effect of nonsampling errors but does not measure the effect of any systematic biases in the data arising from incorrect reporting by respondents, adjustments for nonresponse, incomplete unduplication, or incomplete coverage of farms.

Table B Estimates of the Sampling Reliability of State Totals for Selected Items: 1978

Item	All farms		Farms with sales of \$2,500 or more			
	Quantity	Standard error (percent)	Quantity	Standard error (percent)		
Farms.....	5,891	8.6	3,859	6.3		
Land in farms.....	678,714	3.3	535,675	2.4		
Harvested cropland.....	5,107	9.1	3,409	7.0		
Irrigated land.....	213,669	2.3	184,241	1.7		
Agricultural products sold.....	1,027	26.0	889	2.8		
Crops.....	16,941	4.1	16,510	.9		
Livestock, poultry, and their products.....	5,891	8.5	3,859	6.3		
Value of machinery and equipment.....	214,675	.6	211,420	.5		
Average value of land and buildings per farm.....	3,427	11.0	2,522	9.2		
Corn for grain or seed.....	\$1,000..	100,829	.9	99,469	.9	
Wheat for grain.....	farms..	3,144	11.0	2,090	2.9	
Soybean for beans.....	acres..	\$1,000..	113,846	.6	111,951	.6
Cattle and calves inventory.....	farms..	5,888	8.6	3,865	6.4	
Cattle and calves sold.....	number..	\$1,000..	127,697	4.0	111,514	3.9
Hogs and pigs inventory.....	farms..	168,952	6.2	195,905	4.3	
Hogs and pigs sold.....	number..	\$1,000..	240	52.0	148	63.0
Sheep and lambs inventory.....	farms..	421,211	(D)	4,476	5.7	
Sheep and lambs sold.....	number..	bushels..	18.0	398,804	6.4	
Hens and pullets of laying age inventory.....	farms..	2	11.0	1	.0	
Hens and pullets of laying age sold.....	number..	acres..	(D)	(D)	(D)	
Commercial fertilizer used.....	farms..	bushels..	(D)	(D)	(D)	
Commercial fertilizer purchased.....	acres..	1,000..	1,000..	1,000..	1,000..	
Agricultural chemicals purchased.....	farms..	\$1,000..	7,360	3.0	6,920	2.9
Chemicals used on crops for insect control.....	farms..	\$1,000..	3,791	12.0	2,782	8.5
Chemicals used on crops for disease control.....	acres..	\$1,000..	4,035	2.9	3,833	2.6
Gasoline purchased.....	farms..	1,000 gallons..	1,795	20.0	1,324	16.0
Feed purchased.....	1,000..	\$1,000..	42,157	5.4	39,192	5.1
Hired farm labor.....	farms..	1,000..	1,112	24.0	813	5.5
Livestock and poultry purchased.....	acres..	\$1,000..	22,881	6.6	21,522	6.8
Diesel fuel purchased.....	farms..	1,000 gallons..	5,536	9.0	3,632	6.7
Feed purchased.....	1,000..	\$1,000..	8,044	4.1	(NA)	(NA)
Hired farm labor.....	farms..	\$1,000..	4,824	3.6	4,470	3.7
Livestock and poultry purchased.....	farms..	1,000..	1,738	4.1	1,497	4.0
Feed purchased.....	farms..	1,000..	2,237	5.4	(NA)	(NA)
Hired farm labor.....	farms..	\$1,000..	1,117	5.3	1,085	5.4
Livestock and poultry purchased.....	1,000..	\$1,000..	2,042	15.0	1,280	4.3
Feed purchased.....	farms..	\$1,000..	11,382	4.0	11,002	3.8
Hired farm labor.....	farms..	\$1,000..	3,319	12.0	2,071	3.6
Livestock and poultry purchased.....	1,000..	\$1,000..	40,503	1.9	39,163	1.8
Feed purchased.....	farms..	\$1,000..	2,768	12.0	2,277	2.6
Hired farm labor.....	farms..	\$1,000..	40,716	2.1	39,625	1.5

Table C. Estimates of the Sampling Reliability of Farms Reporting an Item in the County: 1978

Farms reporting item	Standard error (percent)	Farms reporting item	Standard error (percent)
25 farms.....	20.0	1,000 farms.....	(NA)
50 farms.....	12.0	1,500 farms.....	(NA)
100 farms.....	12.0	2,000 farms.....	(NA)
250 farms.....	7.0	3,000 farms.....	(NA)
500 farms.....	3.0	4,000 farms.....	(NA)
750 farms.....	1.0	5,000 farms.....	(NA)

Table D Estimates of the Sampling Reliability of County Totals for Selected Items: 1978

County	Average value of land and buildings per farm		Value of machinery and equipment		Acres fertilized		Chemicals used on crops for--			
							Insect control		Disease control	
	Value dollars	Standard error (percent)	Value (\$1,000)	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Barnstable.....	136,201	9.1	2,146	12.0	955	11.0	750	14.0	523	17.0
Berkshire.....	206,552	7.0	8,529	5.6	12,697	5.1	2,317	6.4	529	4.4
Bristol.....	171,916	10.0	12,083	9.0	14,546	11.0	3,487	11.0	1,395	19.0
Dukes.....	411,351	.0	885	.0	(D)	(D)	365	.1	110	.1
Essex.....	228,541	18.0	10,264	13.0	9,439	16.0	2,781	27.0	606	10.0
Franklin.....	151,880	7.8	13,487	4.9	18,460	6.3	3,020	11.0	2,559	17.0
Hampden.....	161,856	6.5	8,647	7.8	11,045	9.8	3,017	8.0	2,984	17.0
Hampshire.....	137,966	4.3	13,338	5.6	21,263	5.6	5,146	10.0	3,054	12.0
Middlesex.....	256,638	8.2	13,336	4.0	12,062	6.6	2,353	16.0	2,167	15.0
Nantucket.....	535,889	.1	271	.1	241	.1	(D)	(D)	80	.1
Norfolk.....	176,272	7.0	3,720	5.2	1,823	15.0	512	9.8	234	12.0
Plymouth.....	155,348	5.5	13,258	7.6	15,154	4.8	10,166	5.5	2,623	9.7
Suffolk.....	48,000	.0	55	.1	(D)	(D)	(D)	(D)	-	.0
Worcester.....	177,198	5.6	21,120	3.7	31,239	5.4	5,623	8.2	4,242	9.5
Farms not on mail list.....	93,650	29.0	6,560	33.0	5,577	32.0	2,385	40.0	1,775	55.0
Farm production expenses										
County	Gasoline		Diesel fuel		Livestock and poultry purchased		Feed		Hired farm labor	
	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)
	91	12.0	(D)	(D)	13	39.0	24	20.0	337	13.0
Barnstable.....	253	5.0	82	8.2	475	8.6	4,042	8.3	1,414	8.9
Berkshire.....	497	5.4	147	34.0	1,704	5.3	4,009	4.4	2,783	7.8
Bristol.....	19	.1	4	.1	20	.1	81	.1	93	.1
Dukes.....	298	7.5	54	17.0	1,028	18.0	1,541	6.0	2,545	12.0
Essex.....	414	7.5	128	6.1	957	6.4	3,909	7.3	3,419	5.1
Franklin.....	376	4.5	68	8.1	184	8.1	1,921	8.2	3,334	3.7
Hampden.....	583	5.1	158	7.1	813	8.8	4,467	3.6	3,772	2.7
Hampshire.....	608	3.7	107	6.3	2,593	2.3	6,076	3.1	11,518	1.1
Middlesex.....	5	.1	3	.1	(D)	(D)	(D)	(D)	65	.1
Nantucket.....	132	7.3	12	12.0	146	8.7	606	10.0	1,197	11.0
Norfolk.....	551	5.5	81	7.4	808	18.0	2,224	12.0	4,032	4.4
Plymouth.....	4	.1	(D)	(D)	(D)	(D)	(D)	(D)	33	.0
Suffolk.....	810	3.8	228	6.6	2,204	13.0	10,584	2.6	5,839	4.3
Farms not on mail list.....	183	39.0	44	43.0	433	38.0	1,012	30.0	335	69.0

**APPENDIX B. Farms by Current and Prior Definitions and Value of Agricultural Products Sold:
1978 and 1974**

	Definition used for 1974 and 1978				Definition used for 1959, 1964, and 1969				Operations excluded by current definition but not by 1959 definition			
	Farms		Value of products sold (\$1,000)		Farms		Value of products sold (\$1,000)		Farms		Value of products sold (\$1,000)	
	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Massachusetts-----	5 891	4 497	214 675	179 653	8 824	5 127	215 389	179 832	2 933	630	713	179
Barnstable-----	117	102	2 048	2 051	140	118	2 056	2 057	23	16	8	6
Berkshire-----	318	305	13 289	10 506	383	348	13 303	10 520	65	43	14	14
Bristol-----	554	511	19 657	15 657	662	572	19 690	15 673	108	61	33	16
Dukes-----	53	22	363	164	66	29	370	167	13	7	7	3
Essex-----	344	311	11 789	9 926	434	358	11 812	9 940	90	47	22	14
Franklin-----	456	404	19 443	15 125	549	457	19 470	15 138	93	53	28	13
Hampden-----	367	311	14 179	13 595	444	375	14 203	13 612	77	64	24	17
Hampshire-----	493	495	21 741	18 220	593	556	21 772	18 235	100	61	31	15
Middlesex-----	574	504	41 016	37 642	666	587	41 045	37 666	92	83	29	24
Nantucket-----	9	6	249	152	10	6	250	152	1	-	1	-
Norfolk-----	203	172	5 829	5 130	250	199	5 842	5 139	47	27	13	9
Plymouth-----	589	532	25 581	18 734	680	594	25 613	18 751	91	62	33	17
Suffolk-----	5	6	360	496	6	6	361	496	1	-	1	-
Worcester-----	864	816	36 450	32 253	1 017	922	36 492	32 284	153	106	42	31
Farms not on mail list-----	945	(NA)	2 681	(NA)	2 924	(NA)	3 111	(NA)	1 979	(NA)	429	(NA)

APPENDIX C. Comparison of 1974 Farm Counts With 1978 Farm Counts

The 1978 Census of Agriculture preliminary reports show that there are 2,475,171 farms in the continental United States (excluding Alaska and Hawaii). In 1974 there were 2,310,702 farms reported. However, these figures are not directly comparable because improvements in methodology and coverage account significantly for the higher 1978 counts. If the improved 1978 procedures had been used in 1974, an estimated 2.6 million farms would have been included in the census. It should be noted that farms missed in the 1974 census were generally small and affected the farm count to a greater degree than other data. The missed farms accounted for about 5 percent of the land in farms and 3 percent of the total value of agricultural products sold. This appendix briefly describes census procedures and provides 1974 farm counts adjusted for net missed farms and compared with 1978 farm counts.

The State totals from the 1978 Census of Agriculture are based on two separate sources.

The primary source is the mail portion of the census. As in the 1974 and 1969 censuses, this part of the operation involved mailing out a report form to each name believed to be associated with agriculture. Mail and telephone followups were used to secure the highest possible rate of return of completed forms from the operators of the Nation's farms.

However, the evaluation studies conducted show that some farms were missed in the 1974 and 1969 censuses. Despite every effort to assemble a complete list, some operators did not get on the mail list.

To improve the coverage of the 1978 census, additional mail list sources were used. Also, recognizing the shortcomings of the mail method, especially in counting the number of small farms, it was decided to take another step to ensure a more complete count.

The second step involved conducting a complete enumeration of all households in approximately 6,400 sample segments in rural areas in all States, except Alaska and Hawaii. Farms enumerated in this sample were matched to the mail list. The sample farms not located on the mail list provided reliable estimates by State of the number and characteristics of the farms not represented in the mail portion of the census.

Estimates for such farms are an integral part of the State counts in 1978, but they are not a part of the county counts. The sample was not large enough to provide reliable estimates for each county.

Because of the procedures described above, the State counts for 1978 are not directly comparable with the counts for 1974 and 1969.

To bridge the gap between the 1974 and the 1978 farm counts, this appendix provides adjusted farm counts for 1974 which are approximately comparable with farm counts for 1978.

The adjustment factors are based on data from table 13 of 1974 Census of Agriculture volume IV, Part 3, Coverage Evaluation, which presented data showing the estimated percent of farms missed and overcounted by regions and States. The estimated net percent of farms missed was derived by subtracting overcounted farms from missed farms.

The 1974 coverage evaluation did not include Alaska and Hawaii; thus the 1978 and the 1974 data for these States are exclusively from farms on the mail list. Improvements in the 1978 mail list, especially for Hawaii, have contributed to the increased farm counts.

Table A presents adjusted 1974 farm counts by value of agricultural products sold categories. For each State, the adjusted farm counts for the two value-of-sales categories were derived using the 1974 published farm counts and the net percent missed. The adjusted counts for the two size categories were then added together to obtain the adjusted State count. The State counts were summed to obtain division, region, and U.S. level counts. As a result, adjusted counts derived by summation may not be exactly consistent with the indicated percent missed. The 1978 farm counts are from the preliminary reports and may differ slightly from final counts.

Table B shows 1974 reported and adjusted counts compared with 1978 counts for regions by farm size and tenure of operator categories. Adjusted counts in these tables were proportionally adjusted to regional counts from table A and summed to the U.S. level. As a result, the indicated percent missed will not always agree with adjusted data.

All data published in 1974 were based on reported numbers. The adjusted counts should be used only for comparison with 1978 counts and not for comparison with other 1974 data.

Both the 1974 and 1978 farm counts are subject to sampling variability. For 1974, the coefficient of variation for the adjusted farm counts is approximately 0.4 percent at the U.S. level and ranges from 1.0 percent to 6.0 percent for individual States. Measures of sampling variability for 1978 counts are presented in appendix A.

Table A. Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974

Farms, 1978 ¹	Farms, 1974			Percent change, adjusted 1974 to 1978	
	Published	Net percent missed	Adjusted		
United States ²	2,475,171	2,310,702	10.7	2,622,416	-5.6
Farms with sales of--					
\$100,000 or more.....	223,268	152,850	-2.0	149,471	+49.4
\$40,000 to \$99,999.....	364,010	324,417	1.1	327,834	+11.0
\$20,000 to \$39,999.....	306,483	321,733	2.0	327,438	-6.4
\$10,000 to \$19,999.....	309,250	309,876	5.8	326,852	-5.4
\$5,000 to \$9,999.....	330,464	296,043	8.1	322,002	+2.6
\$2,500 to \$4,999.....	331,329	289,511	11.4	326,432	+1.5
Less than \$2,500.....	610,367	616,272	25.9	842,387	-27.5
Northeast.....	149,385	127,531	16.5	152,730	-2.2
Farms with sales of--					
\$100,000 or more.....	12,699	8,003	1.9	8,282	+53.3
\$40,000 to \$99,999.....	25,835	22,358	4.7	23,812	+8.5
\$20,000 to \$39,999.....	15,820	20,543	9.8	21,019	-24.7
\$10,000 to \$19,999.....	14,194	14,900	9.5	14,680	-3.3
\$5,000 to \$9,999.....	16,734	13,173	3.1	13,797	+21.3
\$2,500 to \$4,999.....	19,609	13,148	16.7	16,019	+22.4
Less than \$2,500.....	44,494	35,406	35.5	55,121	-19.3
North Central.....	1,027,319	1,017,367	6.3	1,096,353	-6.3
Farms with sales of--					
\$100,000 or more.....	106,649	69,440	-3.1	67,123	+58.9
\$40,000 to \$99,999.....	215,707	192,962	.2	192,692	+11.9
\$20,000 to \$39,999.....	173,422	194,488	2.3	198,391	-12.6
\$10,000 to \$19,999.....	148,064	165,864	4.0	172,189	-14.0
\$5,000 to \$9,999.....	126,879	131,677	6.1	139,755	-9.2
\$2,500 to \$4,999.....	103,363	103,914	10.6	115,841	-10.8
Less than \$2,500.....	153,235	159,022	23.0	210,362	-27.2
South.....	1,016,070	930,099	15.2	1,107,200	-8.2
Farms with sales of--					
\$100,000 or more.....	67,430	45,765	-2.7	44,568	+51.3
\$40,000 to \$99,999.....	84,887	73,981	3.2	76,455	+11.0
\$20,000 to \$39,999.....	85,965	75,791	1.6	77,051	+11.6
\$10,000 to \$19,999.....	116,407	99,629	8.2	108,567	+7.2
\$5,000 to \$9,999.....	155,115	124,106	10.4	138,561	+11.9
\$2,500 to \$4,999.....	174,997	145,243	11.6	164,350	+6.5
Less than \$2,500.....	331,269	365,584	25.5	497,648	-33.4
West ²	282,397	235,705	9.5	266,133	+6.1
Farms with sales of--					
\$100,000 or more.....	36,490	29,642	.2	29,498	+23.7
\$40,000 to \$99,999.....	37,581	35,116	.0	34,875	+7.8
\$20,000 to \$39,999.....	31,274	30,911	.9	30,977	+1.0
\$10,000 to \$19,999.....	30,587	29,483	6.8	31,416	-2.6
\$5,000 to \$9,999.....	31,736	27,087	10.0	29,889	+6.2
\$2,500 to \$4,999.....	33,360	27,206	10.6	30,222	+10.4
Less than \$2,500.....	81,369	56,260	27.8	79,256	+2.7
New England ³	30,157	23,269	17.8	28,548	+5.6
Farms with sales of \$2,500 or more.....	18,844	16,667	5.2	17,517	+7.6
Farms with sales of less than \$2,500.....	11,313	6,602	39.6	11,031	+2.6
Middle Atlantic.....	119,228	104,262	16.2	124,182	-4.0
Farms with sales of \$2,500 or more.....	86,047	75,458	5.7	80,092	+7.4
Farms with sales of less than \$2,500.....	33,181	28,804	34.6	44,090	-24.7
New York.....	49,323	43,682	14.2	50,847	-3.0
Farms with sales of \$2,500 or more.....	35,095	32,230	4.3	33,678	+4.2
Farms with sales of less than \$2,500.....	14,228	11,452	33.3	17,169	-17.1
New Jersey.....	9,932	7,409	14.5	8,760	+13.4
Farms with sales of \$2,500 or more.....	6,742	5,530	4.5	5,791	+16.4
Farms with sales of less than \$2,500.....	3,190	1,879	36.7	2,969	+7.4
Pennsylvania.....	59,973	53,171	18.3	64,575	-7.1
Farms with sales of \$2,500 or more.....	44,210	37,698	7.2	40,623	+8.8
Farms with sales of less than \$2,500.....	15,763	15,473	35.4	23,952	-34.2
East North Central.....	452,213	444,695	7.1	486,098	-7.0
Farms with sales of \$2,500 or more.....	366,051	360,619	2.9	371,995	-1.6
Farms with sales of less than \$2,500.....	86,162	84,076	24.1	114,103	-24.5
Ohio.....	95,821	92,158	4.9	96,899	-1.1
Farms with sales of \$2,500 or more.....	73,841	70,338	2.1	71,847	+2.8
Farms with sales of less than \$2,500.....	21,980	21,820	12.9	25,052	-12.3
Indiana.....	88,458	87,915	7.2	95,341	-7.2
Farms with sales of \$2,500 or more.....	71,681	70,986	3.6	73,637	-2.7
Farms with sales of less than \$2,500.....	16,777	16,929	22.0	21,704	-22.7
Illinois.....	109,770	111,049	9.1	126,295	-13.1
Farms with sales of \$2,500 or more.....	96,389	97,738	3.8	101,599	-5.1
Farms with sales of less than \$2,500.....	13,381	13,311	46.1	24,696	-45.8

See footnotes at end of table.

Table A. Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974—Con.

	Farms, 1978 ¹	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
East North Central—Con.					
Michigan.....	68,158	64,094	9.9	71,213	-4.3
Farms with sales of \$2,500 or more.....	47,767	46,670	6.0	49,649	-3.8
Farms with sales of less than \$2,500.....	20,391	17,424	19.2	21,564	-5.4
Wisconsin.....	90,006	89,479	5.3	96,350	-6.6
Farms with sales of \$2,500 or more.....	76,373	74,887	.5	75,263	+1.5
Farms with sales of less than \$2,500.....	13,633	14,592	30.8	21,087	-35.3
West North Central.....	575,106	572,672	5.6	610,255	-5.8
Farms with sales of \$2,500 or more.....	508,033	497,726	3.2	513,996	-1.2
Farms with sales of less than \$2,500.....	67,073	74,946	21.8	96,259	-30.3
Minnesota.....	102,984	98,537	9.0	108,614	-5.2
Farms with sales of \$2,500 or more.....	87,753	85,926	5.5	90,927	-3.5
Farms with sales of less than \$2,500.....	15,231	12,611	28.7	17,687	-13.9
Iowa.....	126,379	126,104	4.4	133,125	-5.1
Farms with sales of \$2,500 or more.....	117,704	117,142	3.2	121,014	-2.7
Farms with sales of less than \$2,500.....	8,675	8,962	26.0	12,111	-28.4
Missouri.....	121,826	115,711	9.6	128,948	-5.5
Farms with sales of \$2,500 or more.....	97,848	82,421	4.7	86,486	+13.1
Farms with sales of less than \$2,500.....	23,978	33,290	21.6	42,462	-43.5
North Dakota.....	41,172	42,710	4.4	45,649	-9.8
Farms with sales of \$2,500 or more.....	38,914	40,681	3.2	42,026	-7.4
Farms with sales of less than \$2,500.....	2,258	2,029	44.0	3,623	-37.7
South Dakota.....	39,667	42,825	1.5	43,420	-8.6
Farms with sales of \$2,500 or more.....	36,927	39,849	1.6	40,497	-8.8
Farms with sales of less than \$2,500.....	2,740	2,976	-1.8	2,923	-6.3
Nebraska.....	65,991	67,597	.7	68,480	-3.6
Farms with sales of \$2,500 or more.....	61,507	62,594	.0	62,594	-1.7
Farms with sales of less than \$2,500.....	4,484	5,003	15.0	5,886	-23.8
Kansas.....	77,087	79,188	3.7	82,019	-6.0
Farms with sales of \$2,500 or more.....	67,380	69,113	1.9	70,452	-4.4
Farms with sales of less than \$2,500.....	9,707	10,075	12.9	11,567	-16.1
South Atlantic.....	325,678	296,103	16.6	362,451	-10.1
Farms with sales of \$2,500 or more.....	216,297	189,339	7.0	203,934	+6.1
Farms with sales of less than \$2,500.....	109,381	106,764	30.3	158,517	-31.0
Delaware and Maryland ³	22,600	18,563	7.1	19,952	+13.3
Farms with sales of \$2,500 or more.....	17,287	14,592	3.0	15,043	+14.9
Farms with sales of less than \$2,500.....	5,313	3,971	19.1	4,909	+8.2
Virginia.....	56,685	52,699	13.5	61,636	-8.0
Farms with sales of \$2,500 or more.....	38,416	31,738	4.5	33,234	+15.6
Farms with sales of less than \$2,500.....	18,269	20,961	26.2	28,402	-35.7
West Virginia.....	20,619	16,909	33.0	26,195	-21.3
Farms with sales of \$2,500 or more.....	9,603	6,122	11.7	6,933	+38.5
Farms with sales of less than \$2,500.....	11,016	10,787	44.0	19,262	-42.8
North Carolina.....	89,477	91,280	14.1	105,774	-15.4
Farms with sales of \$2,500 or more.....	64,897	62,518	9.2	68,852	-5.7
Farms with sales of less than \$2,500.....	24,580	28,762	22.1	36,922	-33.4
South Carolina.....	33,450	29,275	22.8	43,034	-22.3
Farms with sales of \$2,500 or more.....	18,979	17,534	.8	17,675	+7.4
Farms with sales of less than \$2,500.....	14,471	11,741	53.7	25,359	-42.9
Georgia.....	58,682	54,911	13.2	63,133	-7.1
Farms with sales of \$2,500 or more.....	38,906	35,874	8.1	39,036	-.3
Farms with sales of less than \$2,500.....	19,776	19,037	21.0	24,097	-17.9
Florida.....	44,165	32,466	22.6	42,727	+3.4
Farms with sales of \$2,500 or more.....	28,209	20,961	9.5	23,161	+21.8
Farms with sales of less than \$2,500.....	15,956	11,505	41.2	19,566	-18.5
East South Central.....	318,640	306,010	14.8	360,164	-11.5
Farms with sales of \$2,500 or more.....	211,915	171,372	7.8	185,880	+14.0
Farms with sales of less than \$2,500.....	106,725	134,638	22.3	174,284	-38.8
Kentucky.....	110,002	102,053	10.5	113,897	-3.4
Farms with sales of \$2,500 or more.....	83,433	67,662	6.3	72,211	+15.5
Farms with sales of less than \$2,500.....	26,569	34,391	17.5	41,686	-36.3
Tennessee.....	96,792	93,659	18.8	115,683	-15.3
Farms with sales of \$2,500 or more.....	63,407	48,320	11.2	54,414	+16.3
Farms with sales of less than \$2,500.....	33,385	45,339	26.0	61,269	-45.5

See footnotes at end of table.

Table A. Farms by Areas and Value of Agricultural Products Sold: 1978 and 1974—Con.

	Farms, 1978 ¹	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
East South Central--Con.					
Alabama.....	57,540	56,678	13.3	64,821	-11.2
Farms with sales of \$2,500 or more.....	34,665	29,303	7.5	31,679	+9.4
Farms with sales of less than \$2,500.....	22,875	27,375	17.4	33,142	-31.0
Mississippi.....	54,306	53,620	17.2	65,763	-17.4
Farms with sales of \$2,500 or more.....	30,410	26,087	5.4	27,576	+10.3
Farms with sales of less than \$2,500.....	23,896	27,533	27.9	38,187	-37.4
West South Central.....					
Farms with sales of \$2,500 or more.....	371,752	327,986	14.5	384,585	-3.3
Farms with sales of less than \$2,500.....	256,589	203,804	7.3	219,738	+16.8
Arkansas.....	115,163	124,182	25.0	164,847	-30.1
Farms with sales of \$2,500 or more.....	58,788	50,959	16.7	61,489	-4.4
Farms with sales of less than \$2,500.....	40,669	31,299	10.0	34,777	+17.0
Louisiana.....	18,119	19,660	26.4	26,712	-32.2
Farms with sales of \$2,500 or more.....	38,973	33,240	23.7	43,264	-9.9
Farms with sales of less than \$2,500.....	22,683	18,580	12.3	21,186	+7.1
Oklahoma.....	16,290	14,660	33.6	22,078	-26.2
Farms with sales of \$2,500 or more.....	79,530	69,719	11.7	79,243	+.4
Farms with sales of less than \$2,500.....	58,781	47,833	5.6	50,671	+16.0
Texas.....	20,749	21,886	23.4	28,572	-27.4
Farms with sales of \$2,500 or more.....	194,461	174,068	12.6	200,589	-3.1
Farms with sales of less than \$2,500.....	134,456	106,092	6.2	113,104	+18.9
Mountain ³	60,005	67,976	22.3	87,485	-31.4
Farms with sales of \$2,500 or more.....	127,881	111,868	6.7	122,588	+4.3
Farms with sales of less than \$2,500.....	97,876	90,449	2.4	92,673	+5.6
Pacific ²	30,005	21,419	28.4	29,915	+.3
Farms with sales of \$2,500 or more.....	154,516	123,837	11.6	143,545	+7.6
Farms with sales of less than \$2,500.....	103,152	88,996	5.6	94,204	+9.5
Washington.....	51,364	34,841	27.5	49,341	+4.1
Farms with sales of \$2,500 or more.....	37,778	29,410	10.8	32,999	+14.5
Farms with sales of less than \$2,500.....	24,737	21,079	6.4	22,520	+9.8
Oregon.....	13,041	8,331	20.5	10,479	+24.5
Farms with sales of \$2,500 or more.....	34,875	26,753	15.5	31,788	+9.7
Farms with sales of less than \$2,500.....	21,071	17,043	6.3	18,189	+15.8
California.....	13,804	9,710	28.6	13,599	+1.5
Farms with sales of \$2,500 or more.....	81,863	67,674	10.5	78,758	+3.9
Farms with sales of less than \$2,500.....	57,344	50,874	4.9	53,495	+7.2
Farms with sales of less than \$2,500.....	24,519	16,800	33.5	25,263	-2.9

¹Data are from preliminary reports and may differ slightly from final counts.²Alaska and Hawaii not included.³Data not compiled for individual States.

Table B. Farms by Size of Farm and Tenure of Operator: 1978 and 1974

	Farms, 1978 ¹	Farms, 1974			Percent change, adjusted 1974 to 1978
		Published	Net percent missed	Adjusted	
UNITED STATES²					
Farms.....	2,475,171	2,310,702	10.7	2,622,416	-5.6
Farms by size:					
1 to 9 acres.....	213,110	126,604	26.1	174,773	+21.9
10 to 49 acres.....	474,535	378,631	22.9	494,024	-3.9
50 to 179 acres.....	813,944	827,506	11.0	936,797	-13.1
180 to 499 acres.....	596,268	615,913	3.9	646,957	-7.8
500 acres or more.....	377,314	362,048	1.5	369,865	+2.0
Tenure of operator:					
Full owner.....	1,450,414	1,422,367	13.0	1,650,942	-12.1
Part owner.....	712,844	627,648	5.2	667,402	+6.8
Tenant.....	311,913	260,687	12.6	304,072	+2.6
NORTHEAST					
Farms.....	149,385	127,531	16.5	152,730	-2.2
Farms by size:					
1 to 9 acres.....	13,534	7,689	16.8	9,301	+45.5
10 to 49 acres.....	28,098	19,416	31.2	28,403	-1.1
50 to 179 acres.....	61,017	54,901	17.1	66,655	-8.5
180 to 499 acres.....	38,288	37,864	6.0	40,542	-5.6
500 acres or more.....	8,448	7,661	1.5	7,829	+7.9
Tenure of operator:					
Full owner.....	93,880	83,389	19.5	103,110	-9.0
Part owner.....	43,680	36,112	4.9	37,797	+15.6
Tenant.....	11,825	8,030	32.4	11,823	.0
NORTH CENTRAL					
Farms.....	1,027,319	1,017,367	6.3	1,096,353	-6.3
Farms by size:					
1 to 9 acres.....	58,168	36,065	30.8	52,227	+11.4
10 to 49 acres.....	138,016	108,756	18.5	133,716	+3.2
50 to 179 acres.....	324,583	350,343	6.8	376,663	-13.8
180 to 499 acres.....	321,482	345,610	2.5	355,187	-9.5
500 acres or more.....	185,070	176,593	.9	178,560	+3.6
Tenure of operator:					
Full owner.....	542,504	568,866	7.5	620,166	-12.5
Part owner.....	334,287	313,364	4.0	329,173	+1.6
Tenant.....	150,528	135,137	7.3	147,014	+2.4
SOUTH					
Farms.....	1,016,070	930,099	15.2	1,107,200	-8.2
Farms by size:					
1 to 9 acres.....	95,711	55,659	31.1	81,428	+17.5
10 to 49 acres.....	232,908	194,050	24.2	258,033	-9.7
50 to 179 acres.....	370,928	369,648	4.0	433,227	-14.4
180 to 499 acres.....	197,023	196,395	7.8	214,701	-8.2
500 acres or more.....	119,500	114,347	3.8	119,811	-.3
Tenure of operator:					
Full owner.....	633,455	623,219	17.4	757,206	-16.3
Part owner.....	264,029	214,061	7.5	232,239	+13.7
Tenant.....	118,586	92,819	20.9	117,755	+.7
WEST²					
Farms.....	282,397	235,705	9.5	266,133	+6.1
Farms by size:					
1 to 9 acres.....	45,697	27,191	12.7	31,817	+43.6
10 to 49 acres.....	75,513	56,409	22.0	73,872	+2.2
50 to 179 acres.....	57,416	52,614	10.8	60,252	-4.7
180 to 499 acres.....	39,475	36,044	-.8	36,527	+8.1
500 acres or more.....	64,296	63,447	-1.8	63,665	+1.0
Tenure of operator:					
Full owner.....	180,575	146,893	12.1	170,460	+5.9
Part owner.....	70,848	64,111	4.1	68,193	+3.9
Tenant.....	30,974	24,701	8.3	27,480	+12.7

¹Data are from the preliminary reports and may differ slightly from final counts.²Alaska and Hawaii not included.

APPENDIX D. Report Forms

DUE BY FEBRUARY 15, 1979

NOTICE Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to the 11-digit Census File Number (CFN).

(Please correct errors in name, address, and ZIP code.)

SECTION 1 ACREAGE IN 1978

If the acres you reported in 1978 changed during the year, refer to the INFORMATION SHEET, Section 1.

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	Name	Number of acres
1. All land owned		043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.		044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.		045
4. ACRES IN THIS PLACE - ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		046

For this census report these are the "ACRES IN THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, Section 1.

5. If you rented land FROM OTHERS (item 2) enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP code)	Number of acres
		047
		048
		049

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP code)	Number of acres
		050
		051
		052

List additional renters on a separate sheet of paper.

7. Of the land you rented or leased to others, how many acres did you own? None less than more than Acres

7. During 1978, did you have any Federal or State grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.? Yes No

8. How many set aside acres did you have in the Federal Farm Program in 1978? None less than more than Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

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

Form Approved: O.M.B. No. 41-578025

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1978 CENSUS OF AGRICULTURE

FORM 78-A1(N)
(4-to-7s)



COMPLETE AND RETURN TO

Bureau of the Census
1201 East 10th Street
Jeffersonville, Indiana 47132

Note Please read the Information Sheet before completing the form.

If book figures are not available, reasonable estimates may be used. If filing by Feb. 15 causes an undue burden, a time extension request may be sent to the above address. Include your 11-digit Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

INSTRUCTIONS

Sections 2 through 8 provide space for reporting crops harvested during 1978. Please report your crops in the appropriate section. Do not include crops grown on land rented to others. Use section 8 to report ONLY those crops NOT listed in sections 2 through 7.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1978?

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Field corn for grain or seed (Report quantity on a shelled-weight basis)	067	068	Bu. OR Cwt.	069
2. Field corn for silage or green chop	070	071	Tons, green	072
3. Wheat for grain	073	074	Bu.	075
4. Oats for grain	076	077	Bu.	078
5. Barley for grain	079	080	Bu.	081
6. Sorghums for grain or seed (include milo)	082	083	Bu. OR Lbs.	084
7. Sorghums for silage or green chop (exclude sorghum-sudan crosses)	085	086	Tons, green	087
8. Soybeans for beans	088	089	Bu.	090
9. Cotton	091	092	Bales	093
10. Tobacco - all types	094	095	Lbs.	096 /10
11. Irish potatoes	097	098	Cwt.	099 /10
12. Sweetpotatoes and yams	100	101	Bu.	102 /10

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1978? (Include sorghum-sudan crosses and hay cut from pastures.)

003 1 YES - Complete this section

2 NO - Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

■ DRY HAY

(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)

1. Alfalfa and alfalfa mixtures for hay or dehydrating

2. Small grain hay - oats, wheat, barley, etc.

3. Other tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.

4. Wild hay

■ GRASS SILAGE, HAYLAGE, AND GREEN CHOP

(If two or more cuttings of grass silage, haylage, or green chop were made from the same acres, report acres only once, but report total tons from all cuttings.)

5. Grass silage and haylage

6. Hay crops cut and fed green (green chop)

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
103	104	Tons, dry	105
106	107	Tons, dry	108
109	110	Tons, dry	111
112	113	Tons, dry	114
115	116	Tons, green	117
118	119	Tons, green	120

SECTION 4 Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES, CITRUS and NUT TREES ON THIS PLACE in 1978? (Do not include abandoned trees)									
004 <input type="checkbox"/> YES — Complete this section <input type="checkbox"/> NO — Go to section 5									
				Total acres		Acres irrigated			
				Whole acres	Tenths	Whole acres	Tenths		
				121	/10	122	/10		
1. TOTAL ACRES in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place									
2. From the list at the right, enter name and code for the fruit trees, grapevines, and nut trees on this place in 1978. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc. For interplanted trees, estimate the area covered by each kind of fruit. If other crops were interplanted with trees, see Information Sheet.									
Crop name Crop name Code Nonbearing age Bearing age Whole acres Tenths	NUMBER OF TREES OR VINES OF — 1 2 /10	Acres in trees and vines of all ages		Quantity harvested 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 10010 10011 10012 10013 10014 10015 10016 10017 10018 10019 10020 10021 10022 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036 10037 10038 10039 10040 10041 10042 10043 10044 10045 10046 10047 10048 10049 10050 10051 10052 10053 10054 10055 10056 10057 10058 10059 10060 10061 10062 10063 10064 10065 10066 10067 10068 10069 10070 10071 10072 10073 10074 10075 10076 10077 10078 10079 10080 10081 10082 10083 10084 10085 10086 10087 10088 10089 10090 10091 10092 10093 10094 10095 10096 10097 10098 10099 100100 100101 100102 100103 100104 100105 100106 100107 100108 100109 100110 100111 100112 100113 100114 100115 100116 100117 100118 100119 100120 100121 100122 100123 100124 100125 100126 100127 100128 100129 100130 100131 100132 100133 100134 100135 100136 100137 100138 100139 100140 100141 100142 100143 100144 100145 100146 100147 100148 100149 100150 100151 100152 100153 100154 100155 100156 100157 100158 100159 100160 100161 100162 100163 100164 100165 100166 100167 100168 100169 100170 100171 100172 100173 100174 100175 100176 100177 100178 100179 100180 100181 100182 100183 100184 100185 100186 100187 100188 100189 100190 100191 100192 100193 100194 100195 100196 100197 100198 100199 100200 100201 100202 100203 100204 100205 100206 100207 100208 100209 100210 100211 100212 100213 100214 100215 100216 100217 100218 100219 100220 100221 100222 100223 100224 100225 100226 100227 100228 100229 100230 100231 100232 100233 100234 100235 100236 100237 100238 100239 100240 100241 100242 100243 100244 100245 100246 100247 100248 100249 100250 100251 100252 100253 100254 100255 100256 100257 100258 100259 100260 100261 100262 100263 100264 100265 100266 100267 100268 100269 100270 100271 100272 100273 100274 100275 100276 100277 100278 100279 100280 100281 100282 100283 100284 100285 100286 100287 100288 100289 100290 100291 100292 100293 100294 100295 100296 100297 100298 100299 100300 100301 100302 100303 100304 100305 100306 100307 100308 100309 100310 100311 100312 100313 100314 100315 100316 100317 100318 100319 100320 100321 100322 100323 100324 100325 100326 100327 100328 100329 100330 100331 100332 100333 100334 100335 100336 100337 100338 100339 100340 100341 100342 100343 100344 100345 100346 100347 100348 100349 100350 100351 100352 100353 100354 100355 100356 100357 100358 100359 100360 100361 100362 100363 100364 100365 100366 100367 100368 100369 100370 100371 100372 100373 100374 100375 100376 100377 100378 100379 100380 100381 100382 100383 100384 100385 100386 100387 100388 100389 100390 100391 100392 100393 100394 100395 100396 100397 100398 100399 100400 100401 100402 100403 100404 100405 100406 100407					

SECTION 9 GROSS VALUE of CROPS SOLD from this place in 1978, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1978. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

1. Grains sold in 1978, including Government CCC loans —	None	Dollars	Cents
corn for grain; grain sorghums, rice, wheat and other small grains, soybeans, dry beans, dry peas and cowpeas, flaxseed, sunflower seed, popcorn, and safflower		\$ 776	
a. Of the total, how much was received in 1978 from Government CCC loans?	None	Dollars	Cents
777		\$	
778		\$	
2. Cotton and cottonseed, including Government CCC loans		Dollars	Cents
a. Of the total, how much was received in 1978 from Government CCC loans?	None	Dollars	Cents
779		\$	
780		\$	
781		\$	
782		\$	
783		\$	
784		\$	
785		\$	

SECTION 10 LAND USE IN 1978

1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1 Acres

NOTE: If the same land had more than one use in 1978, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

2. CROPLAND	None	Number of acres
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products		787
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements		788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured		789
d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in Item 2a.)		790
e. Cropland in cultivated summer fallow		791
f. Cropland idle		793
3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth	{	794
a. Woodland pastured		795
b. Woodland not pastured		796
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture		797
5. All other land — Land in house lots, ponds, roads, wasteland, etc. Include any land not reported in Items 2 through 4 above		798
6. TOTAL ACRES — Add the acres reported in Items 2 through 5. (Should be the same as Item 1 above.)		

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1978?

Irrigated land is all land watered by any artificial or controlled means — sprinklers, turbines or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

011 1 <input type="checkbox"/> YES — Complete this section	None	Number of acres irrigated
2 <input type="checkbox"/> NO — Go to section 12		
1. How many acres of each of the following classifications of land were irrigated in 1978?		
a. HARVESTED LAND reported in section 10, Item 2a — Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops		799
b. PASTURELAND or RANGELAND reported in section 10, items 2b and 4 — Include spring flooding if water diverted or spread by dams, spreader dikes, canals, ditches, pipes, or other works		800
c. ANY OTHER LANDS — Such as land not harvested due to complete failure, idle land, land in cultivated summer fallow, or land in cover crops and soil-improvement grasses		801
4. TOTAL LAND IRRIGATED (Total of a, b, and c above.)		802

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1978?

012 1 YES — Complete this section

2 NO — Go to section 13

• DECEMBER 31, 1978 INVENTORY

None

1. CATTLE AND CALVES of all ages

(Total of a, b, c, and d below)

a. BEEF COWS — Include beef heifers that had calved**b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved****c. HEIFERS AND HEIFER CALVES — Exclude heifers that had calved****d. STEERS, STEER CALVES, BULLS AND BULL CALVES****• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1978**

Include those fed on this place on a contract or custom basis. Also report as sold, cattle moved from this place to a feedlot for further feeding.

None

Number sold in 1978	Gross value of sales	
	Dollars	Cents
808	809	
	\$	
810	811	
	\$	
812	813	
	\$	

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978

None

4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. Report goes dairy products in section 15.**SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1978?**

013 1 YES — Complete this section

2 NO — Go to section 14

• DECEMBER 31, 1978 INVENTORY

None

1. HOGS and PIGS of all ages (Total of a and b below)**a. HOGS and PIGS used or to be used for BREEDING****b. OTHER HOGS and PIGS****• LITTERS FARROWED**

None

2. LITTERS FARROWED on this place between —

a. December 1, 1977 and May 31, 1978

b. June 1, 1978 and November 30, 1978

• HOGS AND PIGS SOLD

None

3. HOGS and PIGS SOLD from this place in 1978

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

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1978?

014 1 YES — Complete this section

2 NO — Go to section 15

None

INVENTORY Number on this place Dec. 31, 1978
SALES Number sold in 1978
1. SHEEP and LAMBS of all ages**a. EWES 1 year old or older****2. SHEEP and LAMBS SHORN****3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?**

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978? 015 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 16						SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978 Total amount received from machine work, customwork, None Dollars Cents and other agricultural services PROVIDED FOR OTHERS in 1978 — planting, plowing, spraying, harvesting, etc... <input type="checkbox"/> 919 \$ <input type="checkbox"/>					
None 1. Horses and ponies of all ages <input type="checkbox"/> 2. Mules, burros, and donkeys <input type="checkbox"/> 3. Mink and their pelts <input type="checkbox"/> a. Mink females used for breeding <input type="checkbox"/> 4. Other livestock or animal specialties in captivity (Enter name and code from "List A" below.) Name _____ Code _____						Specify kind of work done SECTION 18 During 1978 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION — roadside stands, farmers markets, pick your own, etc.? 018 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 19					
None INVENTORY Number on this place Dec. 31, 1978 Total number sold in 1978 Gross value of sales Dollars Cents 830 831 832 \$ 833 834 835 \$ 836 837 838 \$ 863 1 2 \$ Acres under water for aquaculture Total quantity sold in 1978 Gross value of sales Pounds Dollars Cents 1 2 \$ Gallons 1 2 \$ /10 Pounds 1 2 \$ Number						Dollars Cents 920 \$ Specify products sold — vegetables, eggs, etc.					
SECTION 19 TYPE OF ORGANIZATION Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.						SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.					
● FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation <input type="checkbox"/> ● PARTNERSHIP operation. Include family partnerships. <input type="checkbox"/> Total number of partners _____ ● INCORPORATED UNDER STATE LAW Answer BOTH a and b a. Is this a family held corporation? <input type="checkbox"/> Yes 3 <input type="checkbox"/> 4 <input type="checkbox"/> b. Are there more than 10 stockholders? <input type="checkbox"/> Yes 5 <input type="checkbox"/> 6 <input type="checkbox"/> ● OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. <input type="checkbox"/> Specify _____											
SECTION 16 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1978? (Include poultry grown for others on a contract basis.) 016 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 17						1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 2. RACE of operator (senior partner or person in charge). 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____					
None INVENTORY Number on this place Dec. 31, 1978 Total number sold in 1978 892 893 894 895 896 897 898 899 900 901 902 903 1						3. AGE of operator (senior partner or person in charge) Years old 925 4. SEX of operator (senior partner or person in charge) <input type="checkbox"/> Male <input type="checkbox"/> Female 926 5. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? .. <input type="checkbox"/> Yes <input type="checkbox"/> No 927 6. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his work time in 1978? For partnerships consider all members of the partnership together <input type="checkbox"/> Farming <input type="checkbox"/> Other 928 7. OFF FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1978? Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work.) <input type="checkbox"/> None 2 <input type="checkbox"/> 1-49 days 3 <input type="checkbox"/> 50-99 days 4 <input type="checkbox"/> 100-149 days 5 <input type="checkbox"/> 150-199 days 6 <input type="checkbox"/> 200 days or more					
None INVENTORY Number on this place Dec. 31, 1978 Total number sold in 1978 916 917						SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978? 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO 3 <input type="checkbox"/> Don't know Go to section 28					
Poultry name _____ Code _____ Poultry name _____ Code _____						None Acres 930					
Name Code Name Code Name Code Ducks 904 Pigeons or squab 908 Quail 912 Geese 906 Pheasants 910 All other poultry — Specify 914						1. Individuals who are NOT citizens of the United States? .. <input type="checkbox"/> 931 2. A foreign held corporation or unincorporated association, or a foreign government? .. <input type="checkbox"/>					
7. POULTRY HATCHED on this place in 1978 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry						SECTIONS 22 - 27 Not applicable to this form					
8. Incubator egg capacity on December 31, 1978.						SECTION 28 PERSON COMPLETING THIS REPORT — Please print					
9. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1978? Include estimated value of poultry and poultry products moved from this place by contractors and others.						Name _____ 999 Date _____ Telephone _____ Area code _____ Number _____					
						When the data have been tabulated, do you want a summary sheet showing major census results for your county? <input type="checkbox"/> YES <input type="checkbox"/> NO 029					

(Sections 22 through 27 were collected from only 20 percent of the farms; see text)

SECTION 22 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1978?			
022 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 23		None	Acres fertilized
			932
			933
1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b		<input type="checkbox"/>	
2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4		<input type="checkbox"/>	
3. LIME — tons of lime used and acres on which applied. (Do not include lime plaster or gypsum or lime for sanitation.)		None	Tons of lime Acres limed
			934 935
SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1978?			
023 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 24			
Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.			
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —		None	Number of acres on which used
a. Insects on hay and other crops			936
b. Nematodes in crops			937
c. Diseases in crops and orchards (blights, smuts, rusts, etc.)			938
d. Weeds, grass, or brush in crops and pasture			939
2. Chemicals for defoliation or for growth control of crops or thinning of fruit			940
3. Were any chemicals used for —			
a. Insect control on livestock and poultry including treatment of buildings?		941	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Sanitation, rodent and bird control, etc.? (Include lime for sanitation)		942	<input type="checkbox"/> Yes <input type="checkbox"/> No
SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1978 (Include only equipment used for agricultural operations in 1977 or 1978.)			
• Value of ALL machinery and equipment on this place, December 31, 1978			
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment, including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.)			
		Estimated market value	
		Dollars	Cents
		943	\$
• SELECTED machinery and equipment on this place, December 31, 1978. (Report only if used in 1977 or 1978.)			
None		Total number on this place on December 31, 1978	Of the total, HOW MANY were manufactured in the last 5 years (1974–1978)? (Number)
2. Automobiles		944	945
3. Motortrucks (Include pickups)		946	947
4. Wheel tractors other than garden tractors and motor tillers		948	949
5. Grain and bean combines, self-propelled only		950	951
6. Corn heads for combines		952	953
7. Other corn pickers and picker-shellers		954	955
8. Cotton pickers (Exclude cotton strippers)		956	957
9. Mower conditioners		958	959
10. Pickup balers		960	961
11. Field-forage harvesters, shear bar or flywheel type		962	963
SECTION 25 EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1978			
		Include expenditures paid by you and others for production of crops, livestock, and other agricultural products from this place	
		None	Storage capacity on this place (in gallons)
		Dollars	Cents
1. Gasoline for farm business		966	967
2. Diesel fuel for the farm business		969	970
3. LP gas, butane, propane for the farm business (4.5 lbs.= 1 gallon)		972	973
4. Fuel oil for the farm business		975	976
5. Natural gas for the farm business		978	977
6. Kerosene, motor oil, grease, for the farm business		979	978
7. Electricity for the farm business		980	979
8. Other—coal, wood, coke, etc.		981	978
SECTION 26 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1978			
Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1978. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.			
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, pouls, started pullets, etc.		None	Selected expenditures
2. Total feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.			Dollars Cents
3. Commercially mixed formula feeds purchased — complete, supplement, concentrates. (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)		984	985
			/10 \$
4. Animal health costs for livestock and poultry. (Include veterinarian services, serums, vaccines, medicines, etc.)			986
5. Seeds, bulbs, plants, and trees purchased			987
6. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. Report custom application costs in Item 9 below.			988
7. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, lime, etc. Report custom application costs in Item 9 below.			989
8. Hired farm or ranch labor. (See Information Sheet).			990
a. Of the hired workers, including paid family workers, how many —		None	Number of workers
(1) Worked 150 days or more?		991	
(2) Worked less than 150 days?		992	
9. Contract labor — Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.			993
10. Customwork, machine hire and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning)			994
SECTION 27 ESTIMATED MARKET VALUE OF LAND and BUILDINGS			
Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.			
1. All land owned		None	Estimated current market value of land and buildings
2. All land rented or leased FROM OTHERS			Dollars Cents
3. All land rented or leased TO OTHERS			996
			\$
			997
			\$
			998
			\$

FORM 78-A1(I)
(8-17-78)U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET

1978 CENSUS OF AGRICULTURE

GENERAL INFORMATION

WE NEED A COMPLETED REPORT FORM FROM EVERYONE receiving this request. Please follow the instructions given below for completing section 1. You will then be able to determine what additional information is to be provided.

1. The enclosed census report form is being used by farms and ranches throughout the entire United States. Because it is meant for use in all parts of the country, it may contain sections and inquiries which do not apply to you. In this case, mark the "None" or "No" box and go to the next item or section.

2. If You Receive More Than One Report Form

If you have multiple farming operations, you should complete a report for EACH SEPARATE and DISTINCT production unit, that is, each individual farm, ranch, feedlot, greenhouse, etc.; or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production. Return any duplicate or extra report forms in the same envelope with the report(s) you complete so we can remove the extra addresses from our mail register. In the space provided to the right of the address label of the report form you complete, write the 11-digit number from the label of the extra form or forms.

3. Partnership Operations

A partnership is an association of two or more persons who have agreed (informally or under legal contract) on the amount of their contributions and profit distributions.

Complete only ONE report for the entire partnership farm and ranch operation, including all partners' shares on the same report. If two or more report forms were received for the partnership see 2 above.

Partners who also have separate operations of their own should complete reports for those separate operations. For additional information on Partnerships see section 19 below.

4. How To Enter Your Responses On The Report Form

Please enter your answers in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

Enter whole numbers unless the "Tenths" column is provided, such as reporting acres of Irish potatoes in section 2. If you have 1/2, 1/4, or 1/3 of an acre, convert to tenths. For example convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

If you do not recall exact figures, please give your best estimate. You may indicate "Est." (for estimated) beside the answer, if you like. For all dollar items, we need only whole dollars, although a "Cents" column is provided for those who wish to report cents.

COMPLETING THE REPORT FORM

Section 1 — ACREAGE IN 1978

This section determines the land for which you should report agricultural activities. It also provides space for reporting landlords, renters, and location(s) of agricultural activities.

Changes in the Acres Operated in 1978 — Report all land that YOU USED during 1978, and the crops and livestock production on that land, even if some or all of it was no longer a part of your operation on December 31, 1978.

If you had agriculture operations at any time during 1978, but quit farming before December 31, 1978, report your 1978 crop and livestock production and sales from that land for the portion of the year that you operated the land. Please explain in the margin of the report form (or on a separate sheet of paper) that you quit farming or ranching during 1978 and give the approximate date and the name and address of the present operator, if known.

If you acquired land for agricultural operations, but did not use it for livestock or crop production in 1978, include the land in section 1. Please explain in the margin or on a separate sheet of paper.

Completing Items 1, 2, 3, and 4 of Section 1 — Use items 1, 2, and 3 to determine the acres of land that are your responsibility for the purpose of making the agriculture census report. Include all land that you were associated with in 1978, regardless of location or use, but do not include holdings of residential property not associated with agricultural operations. Report all land in whole acres in this section.

Item 1 — Land Owned — Report all land owned in 1978 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate, by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — Land Rented or Leased FROM Others — Report all land rented by you, even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.

INCLUDE in item 2 —

- Land (for agricultural uses) that you rented FROM others for cash payments
- Land worked on a share basis
- Land (owned by someone else) which you used rent-free
- Federal, State, Indian, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2 — Land used on a per-head or animal unit license or permit basis, such as land used under section 3 of the Taylor Grazing Act, National Forest Land, or Indian Reservation Permit Land.

Item 3 — Land Rented TO OTHERS — Cash tenants, share tenants, and share croppers are farm operators for census purposes and are responsible for making the agriculture census report for the land they operate.

INCLUDE in item 3 —

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

NOTE: Please enter the names and addresses of renters, tenants, and sharecroppers in item 6.

Item 4 — Acres in this Place — This is the sum of the land that you owned in 1978 (item 1), PLUS the land that you rented FROM others (item 2), MINUS the land that you rented TO others (item 3). It is very important that you report this figure correctly (even if "0" acres), since the remainder of your report should cover only those operations on "the Acres in This Place" reported in item 4.

"Zero Acres in Place" — Should you complete the rest of this form?

If you yourself had crop or livestock activities on the land for any portion of the year, you should complete the rest of the form. See "Changes in Acres Operated in 1978," above.

If all your land was operated by a renter or sharecropper for all of 1978, you do not have to complete the entire form. In this case, you should:

- Complete item 6 for renter.
- Skip to section 2B and complete Name, Address, Telephone number, etc.
- Explain briefly in the margin or on separate paper that you did not operate a farm or ranch in 1978. For example, "All land rented out," "Sold Farm," "Retired," etc., and give the approximate date that

you quit operating. If you sold your farm, please give the name and address of current owner or operator, if known.

d. Mail the form in the return envelope provided.

Item 7 — Grazing Permits — In some States, government lands and Indian lands are used for grazing livestock under permit or special license, with payments on a per-head or animal unit basis. This land should NOT be included as part of item 2, "Land rented or leased FROM others," or item 4, "Total Acres in This Place." But you should include in your report any livestock located on permit land in 1978.

Sections 2-8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1978 crop year from the land shown in section 1, item 4, of your report. Please report your crops in the appropriate section. Do not include any crops grown on land rented, leased, or worked on shares by others during 1978.

Acres Harvested — Enter the acres harvested in 1978. Round fractions to whole acres except where tenths are requested, as for Irish potatoes.

Quantity Harvested — The units of measure on the report form are those most commonly used throughout the country. If you use a different unit of measure, please convert your figure for quantity harvested to the unit requested. If harvest is incomplete by December 31, 1978, please estimate the total quantity harvested.

Crop Irrigation — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and preplant irrigation. For any crop not irrigated, leave "Acres irrigated" blank.

How to Report Crops Harvested

a. **Sections 2 and 3** — In these two sections, separate lines are provided for reporting each of several crops widely grown in the United States. Do not write in data for any other crops.

b. **Sections 4-8** — In each of these sections, report any of the crops listed in the same section. To report a crop in any of these sections, (1) find the crop name and the code number in the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information requested in the headings of the remaining columns.

Example: A farmer harvested 20 acres of alfalfa seed, yielding 6,000 pounds, and 30 acres of red clover seed, yielding 8,400 pounds. (He did not irrigate either crop.) He would enter the following in section 8:

SECTION 8 — Were any OTHER CROPS harvested from this place in 1978 — rice, peanuts, oats, rye seeds, sugar crops, or other crops not previously reported?			
<input checked="" type="checkbox"/> YES — Complete this section <input type="checkbox"/> NO — Go to section 9			
From the list below, enter crop name and code. Report quantity harvested in bushels from each crop name.			
Crop name	Code	Acres harvested	Quantity harvested
Alfalfa seed	542	20	6,000
Red clover seed	671	30	8,400

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

Two or More Crops Harvested From The Same Land (Double-Cropping) — Report the total acres and production of each harvested crop in the appropriate section of the report form.

Example: A farmer harvested 1,230 bushels of wheat from 40 acres in 1978, then planted and harvested 1,550 bushels of soybeans from the same 40 acres before the end of the year. He irrigated the soybeans but not the wheat.

Correct entries	Acres	Bushels	Acres irrigated
Item 3	Wheat	40	1,230
Item 8	Soybeans	40	1,550

Sections 2–8 – CROPS – Continued

Interplanted Crops and "Skip Row" Planting — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. Thirty acres of soybeans would be reported in section 2, item 8, and 30 acres of cotton in section 2, item 9.

Vegetables — Report acres of vegetables harvested FOR SALE. Do not report acres of vegetables for home use. Report the total acreage of each vegetable crop harvested.

Example: You harvested 10 acres of lettuce from a field in 1978, then replanted the field to lettuce and harvested the 10 acres again. Enter only 10 acres of land from which vegetables were harvested in item 1 of section 5, but write in 20 acres of lettuce harvested in item 2 of section 5.

Fruit and Nuts — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production (exclude abandoned trees).

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for BOTH the orchard and the interplanted crops harvested.

Example: If 20 acres of cotton were grown in a 30 acre pecan orchard, you would report 20 acres of cotton in section 2, item 9, and 30 acres of pecans in section 4.

Avocados, Olives, Sugarcane

Avocados — For California report the quantity harvested from November 1, 1977 through November 30, 1978. For Florida report the quantity harvested from April 1978 through March 1979, estimating if necessary.

Olives — Report the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Sugarcane — For Florida and Texas report cuttings from November 1977 through April 1978. For Louisiana and Hawaii report for the 1978 crop year.

Section 9 – GROSS VALUE OF CROPS SOLD

Report the values received during 1978, regardless of the year in which the crops were harvested. Give gross values (before deducting taxes and expenses). If full payment was not received for a crop or crops sold in 1978, report only the amount actually received in 1978.

For value of grains and cotton, include as sold the value of government CCC loans received in 1978 but not loans obtained from any other government or private source.

Section 10 – LAND USE

The purpose of this section is to classify the acres you reported in section 1, item 4, by principal use in 1978. Do not include any acres you rented TO others (reported in section 1, item 3).

Land Used for Multiple Purposes — If part of your land was used for more than one purpose in 1978, report that land on the line for the use first listed, and NOT on the line for the second use. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but NOT as "Cropland used for cover crop, legumes, . . . etc." (item 2c).

Double Cropping — When more than one crop was harvested from the same land in 1978, report that land only ONCE as "Cropland Harvested," item 2a of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland Harvested," in item 2a.

Section 12–16 – LIVESTOCK AND POULTRY

Animals and Poultry to be Included in the Report — Report all animals and poultry on the place on December 31, 1978. Include all owned by you and any kept by you for others. Include animals on unfenced land, on National Forest land, on district land or cooperative grazing association land, or on rangeland administered by the Bureau of Land Management on a per-head or lease basis (such as on wheat pasture). Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place." Include livestock and poultry kept on this place for home use, 4H projects, etc.

Number sold — Report all animals and poultry sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place in 1978.

Sales from Contract and Custom Feeding Operations — Include animals and poultry (including poultry under contract) fed on this place on a contract or custom basis if they were removed from the place in 1978.

Value of Sales — Be sure to report the total gross value of sales of animals and poultry without deducting cost of feed, cost of livestock purchased, cost of hauling and selling, etc. If the sale price or value is not known, give your best estimate of their value when they left this place.

Animals Moved to Another Place — For animals removed from this place to another place, such as for further feeding, report the number as sold and give your best estimate of their market value when they left this place.

Animals to be Excluded from the Report — Do not report any animals or poultry kept under a share arrangement on land rented TO others in 1978.

Animals Sold from Another Place — Animals owned by you, but held and sold from someone else's place should NOT be included. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place.

Animals Bought and Sold — Do not include animals bought and resold within 30 days. Such purchases and sales are considered "dealer" transactions.

Fat Cattle Sales — Do not include with fattened cattle in item 3a of section 12:

- a. Veal calves which were fattened primarily on milk, or
- b. Dairy cows fed only the usual dairy ration before being sold, or
- c. Cattle and calves that were sold for further feeding.

All Other Livestock — Specify the name of any other livestock, animal specialty, or livestock products on or sold from this place that have not been accounted for elsewhere on this form.

Example: Bees sold (colonies, packages, pounds); semen sales, animals bred and sold for laboratory use; birds, frogs, etc.

Section 19 – TYPE OF ORGANIZATION

Use the following definitions to assist you in determining the type of organization for your operation:

Individual or Family Operation (Sole Proprietorship) — Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership, unless the agreement to share contributions, decisionmaking, profits, and liabilities exists. Producing products under contract or under a share rental agreement does not constitute a partnership.

Corporation — Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives.

Other — Such as cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, etc.

Section 20 – OPERATOR CHARACTERISTICS AND OCCUPATION

This section applies to the characteristics and occupation of the individual owner, operator, senior partner, or person in charge for the type of organization reported in section 19 of the form.

For Individual or Family Operation (Sole Proprietorship) — Complete this section for the operator.

For Partnership Operations — Complete items 1 through 5 and 7 (of this section) for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on this place. Consider the oldest partner as the "Senior Partner" if each shares equally in the day-to-day management decisions. For item 6 (Principal Occupation) consider all members of the partnership together. Please include as "Farming" worktime at all types of agricultural enterprises, including specialties, such as greenhouses, nurseries, mushrooms, ranching, feed lots, broiler feeding, etc.

For Incorporated and Other Operations (Co-operatives, Estates, etc.) — Complete section 20 for the person in charge, such as hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Section 22 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1978. If some acres where fertilized more than once, report acres ONLY ONCE.

Section 24 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept on this place and used for the farm business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

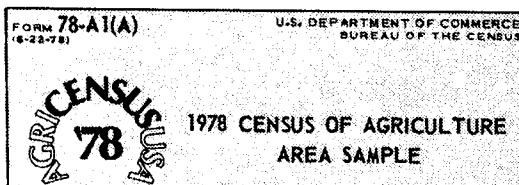
Section 26 – SELECTED PRODUCTION EXPENSES

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Also include expenses incurred even if payment was not made in 1978. Please give estimates if you do not know the exact figures. For example, if you grew broilers or fed cattle for others, include in item 1, as purchases, your best estimate of the value of the baby chicks or cattle at the time they were brought to this place. Also include in item 2, the value and amount of all feed purchased by you or someone else for use on this place.

Do not include expenses related to nonfarm activities (trading and speculation, or livestock dealer activities).

Hired Labor — Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay before deductions, plus the value of benefits paid by you — Social Security taxes, unemployment insurance, etc. Do not include room and board, house rent, or other items paid in kind.

Form Approved: O.M.B. No. 41-578038



NOTICE — Response to this inquiry is required by law (title 13 U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

CENSUS USE ONLY			
035	038	037	036
039	040	041	042
Key identification data			

Part I — IDENTIFICATION

Items 1 through 6 — Copy from A3 Record Book

1. State	2. County	3. Segment number	4. A3 Line number
5. Name — First, Middle initial, Last			
6. Mailing address		a. Route/Box/Street	
		b. Post Office	State ZIP code
7. What is your (the person listed in item 5) telephone number?	Area code	Number	8. In what year did you begin to operate any part of this place?
		Year 060	
9. Do you have a Federal Employer Identification Number for this farm or ranch operation?		<input type="checkbox"/> YES — Enter the EI number	<input type="checkbox"/> NO
		<input type="checkbox"/> YES — Enter the EI number	<input type="checkbox"/> NO

Part II — TYPE OF ORGANIZATION

Mark (X) type of organization as shown in column 8 of A3 Listing Sheet and ask questions for that type. Complete only one part of this page. Data reported for subsequent sections of questionnaire relate only to the specific operation reported here.

<input type="checkbox"/> Type A — INDIVIDUAL OR FAMILY OPERATION (Sole proprietorship)	Name
1. For business purposes, is this farm or ranch operated under any name other than your own?	<input type="checkbox"/> YES → Mailing address — Route/Box/Street Post Office State ZIP code
2. During the past two years, have you received mail at any address other than the one I have listed?	<input type="checkbox"/> YES → Name Mailing address — Route/Box/Street Post Office State ZIP code
3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations?	<input type="checkbox"/> YES — Go to item 4 <input type="checkbox"/> NO — SKIP to page 2
4. Who is the hired manager?	Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and SKIP to page 2	
<input type="checkbox"/> Type B — PARTNERSHIP OPERATIONS (Include family partnerships)	Name
2. For business purposes, what name and mailing address is used for this partnership?	Mailing address — Route/Box/Street Post Office State ZIP code

2. How many partners are there? _____ Partners
3. What is the name and mailing address of each partner?

<input type="checkbox"/> Person named in part 1, item 5 — Do not list <input type="checkbox"/> Other — Specify (Use "Remarks" if more space is required.)	a. Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	b. Name Mailing address — Route/Box/Street Post Office State ZIP code
4. Does this partnership employ a hired manager who is primarily in charge of the farm or ranch operations?	<input type="checkbox"/> YES — Go to item 5 <input type="checkbox"/> NO — SKIP to item 6
5. Who is the hired manager?	Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	
6. Which partner is primarily in charge of the farm or ranch operations?	Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other partner — Specify and end interview <input type="checkbox"/> None — Go to item 7	
7. Who is the eldest partner?	Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	

Part II — TYPE OF ORGANIZATION — Continued

<input type="checkbox"/> Type C — INCORPORATED UNDER STATE LAW	Name
3. 1. What is the current name and mailing address of this corporation? 2. Is this a family-held corporation? <input type="checkbox"/> YES <input type="checkbox"/> NO 3. Are there more than 10 stockholders? <input type="checkbox"/> YES <input type="checkbox"/> NO 4. Does this corporation have other separate and distinct farm and ranch operations? <input type="checkbox"/> YES — Enter location(s) and name(s) below <input type="checkbox"/> NO — SKIP to item 5	Mailing address — Route/Box/Street Post Office State ZIP code
(1) Location (State and county)	Name
(2) Location (State and county)	Name
5. During the past two years, has this farm or ranch used any name or address other than the current corporation name and mailing address? <input type="checkbox"/> YES — Go to item 7 <input type="checkbox"/> NO	Name Mailing address — Route/Box/Street Post Office State ZIP code
6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES — Go to item 7 <input type="checkbox"/> NO — SKIP to item 8	Name Mailing address — Route/Box/Street Post Office State ZIP code
7. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	Name Mailing address — Route/Box/Street Post Office State ZIP code
8. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	Name Mailing address — Route/Box/Street Post Office State ZIP code
<input type="checkbox"/> Type D — OTHER ORGANIZATIONS	Name
1. What type of organization operates or controls the operations of this farm or ranch unit? SOS 1. <input type="checkbox"/> Estate 4. <input type="checkbox"/> State or Local Government 6. <input type="checkbox"/> Other — Specify 2. <input type="checkbox"/> Trust 5. <input type="checkbox"/> Cooperative 7. <input type="checkbox"/> Federal Government	Mailing address — Route/Box/Street Post Office State ZIP code
2. What is the name and mailing address of this organization? Name Mailing address — Route/Box/Street Post Office State ZIP code	
3. What is the name and mailing address used for this farm or ranch operation? Name Mailing address — Route/Box/Street Post Office State ZIP code	
4. During the past two years, <input type="checkbox"/> YES → has this farm or ranch used any other name or mailing address? <input type="checkbox"/> NO	Name Mailing address — Route/Box/Street Post Office State ZIP code
5. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES — Go to item 6 <input type="checkbox"/> NO — SKIP to item 7	Name Mailing address — Route/Box/Street Post Office State ZIP code
6. Who is the hired manager? <input type="checkbox"/> Person named in part 1, item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview →	Name Mailing address — Route/Box/Street Post Office State ZIP code
7. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, item 5 — Go to page 2 <input type="checkbox"/> Other — Specify and end interview →	Name Mailing address — Route/Box/Street Post Office State ZIP code

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Cotton	25-35	29	10	Ducks.	—	26	—		
Cotton Commodity Credit Corporation loans.	10, 29-35	—	2	Ducks, geese, and other poultry	19	—	—		
Cottonpickers.	14, 29-35	—	7						
Cotton, value sold.	10, 29-35	—	2	E					
Cowpeas for dry peas.	—	29	—	Eggplant	—	31	—		
Cowpeas, green	—	31	—	Electricity expense	7, 29-35	13	5		
Cowpeas, hogged or grazed or cut for silage	—	35	—	Emmer and spelt	—	28	—		
Cows and heifers that had calved.	18, 20, 29-35	16	9	Endive	—	31	—		
Crambe	—	35	—	Energy expense	6-8, 17, 29-35	12, 13	5		
Cranberries.	—	33	—	Equipment and machinery.	13, 14, 17, 29-35	15	7		
Cropland for cover crops, legumes, and soil-improvement grasses.	1, 2, 29-35	2	1	Escarole	—	31	—		
Cropland harvested.	1-4, 13, 17, 29-35	2	1, 3, 4	Ewes 1 year old or older.	22, 29-35	20	9		
Cropland harvested, irrigated	16, 29-35	3	1	Expenses, farm	6-9, 17, 29-35	12-14	5		
Cropland idle	1, 2, 29-35	2	1						
Cropland in cultivated summer fallow.	1, 2, 29-35	2	1	F					
Cropland on which all crops failed	1, 2, 29-35	2	1	Family and individual, type of organization.	4, 5, 29-35	5	4		
Cropland pasture	1, 2, 29-35	2	1	Family held corporations	4, 5, 29-35	5	—		
Cropland total.	1, 2, 17, 29-35	—	1	Farms by age and principal occupation of operator	31	—	—		
Crops, farms, acres, production	25-35	28-35	10	Farms by age and principal occupation of operator for farms with sales of less than \$20,000.	32	—	—		
Cucumbers.	—	31	—	Farms by size of farm	1-3, 33	—	3		
Currents	—	33	—	Farms by standard industrial classification	13, 35	8	—		
Customwork, machine hire, and rental of machinery and equipment, expense	6, 29-35	12	5	Farms by tenure of operator.	4, 29	4	4		
Customwork, machine work, and other agricultural services, income	12, 29-35	37	—	Farms by type of organization	4, 5, 30	5	4		
				Farms by value of agricultural sales.	10, 34	7, 9-11	2		
				Farms, number	1-3, 13	1, 2	1, 4		
					17, 29-35				

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

	County tables			County tables	
	State tables	Summary		County report	Summary
K-Con.					
Kentucky bluegrass seed	—	30	—		
Kerosene, motor oil, and grease, expense	7, 29-35	13	5		
Kiwifruit	—	32	—		
Kumquats	—	32	—		
L					
Labor	6, 9, 17, 29-35	12, 14	5, 8		
Land and buildings, value	1, 2, 17, 29-35	1	1		
Land in farms	1-3, 13, 17, 29-35	1, 2	1, 3, 4		
Land owned	29-35	—	—		
Land rented from others	29-35	—	—		
Land rented to others	29-35	—	—		
Land use	1-3, 17, 29-35	2	1, 3		
Lemons	—	32	—		
Lentils	—	29	—		
Lespedeza seed	—	30	—		
Lettuce and Romaine	—	31	—		
Lima beans, dry	—	29	—		
Lima beans, green	—	31	—		
Lime and other agricultural chemical expense	6, 15, 29-35	12	5		
Lime applied	15, 29-35	—	6		
Limes	—	32	—		
Litters farrowed	21, 29-35	17	9		
Livestock and livestock products sold	13, 17, 18, 20, 29-35	10, 11	—		
Livestock and poultry	18	—	9		
Livestock and poultry purchased	6, 29-35	12	5		
Livestock, poultry, and their products sold	10, 18	—	2, 9		
Loans, Commodity Credit Corporation	10, 29-35	—	2		
Loganberries	—	33	—		
Lotus root	—	35	—		
LP gas, butane, propane purchased	7, 8, 29-35	13	5		
LP gas, butane, propane storage	8	13	—		
M					
Macadamia nuts	—	32	—		
Machine hire, rental of ma- chinery and equipment, and customwork expense	6, 29-35	12	5		
M-Con.					
Machine work, customwork, and other agricultural service income				12, 29-35	37
Machinery and equipment				13, 14, 17, 29-35	15
Male operators				4, 29-35	6
Mandarins and tangerines				—	32
Mangoes				—	32
Market value of farmland and buildings				1, 2, 17, 29-35	1
Melons				—	31
Milk cows				17, 18, 20, 29-35	16
Milk goats				—	21
Millet, proso				—	28
Millet seed, foxtail				—	30
Mink and their pelts				23	23
Mint for oil				—	35
Mohair sold				23	22
Motor oil, grease, and kerosene purchased				7, 29-35	13
Motortrucks including pickups . .				14, 29-35	—
Mower conditioners				14, 29-35	7
Mules, burros, and donkeys . . .				23	27
Mungbeans for beans				—	35
Murcotts				—	32
Mushrooms				—	34
Mustard cabbage				—	31
Mustard greens				—	31
Mustard seed				—	28
N					
Natural gas expense				7, 29-35	13
Nectarines				—	5
Nematode control in crops . . .				15, 29-35	—
Nonfamily held corporations . .				4, 5, 29-35	6
Number of farms				1-3, 13, 17, 29-35	—
Nursery and greenhouse products				—	1, 2
Nursery and greenhouse products sold, value				10, 29-35	1, 3
Nursery products—shrubs, trees, etc				—	10
O					
Oats for grain				25, 26, 28-35	28
Occupation of operator				4, 29-35	10
Off-farm work by operator . . .				4, 29-35	4

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

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

