Volume 1

State and County Data

Part 44

Utah

AC78-A-44

1978 CENSUS OF AGRICULTURE

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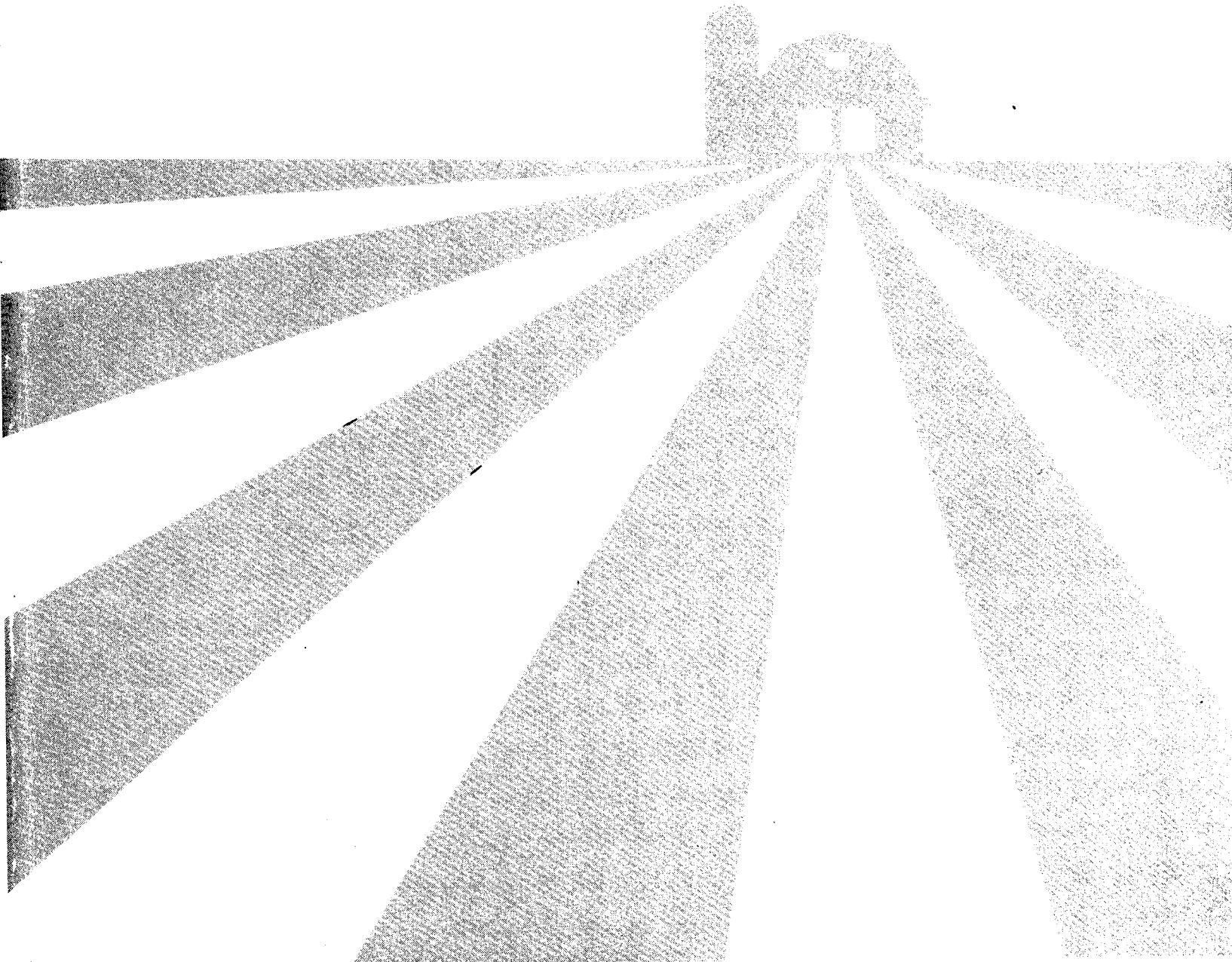

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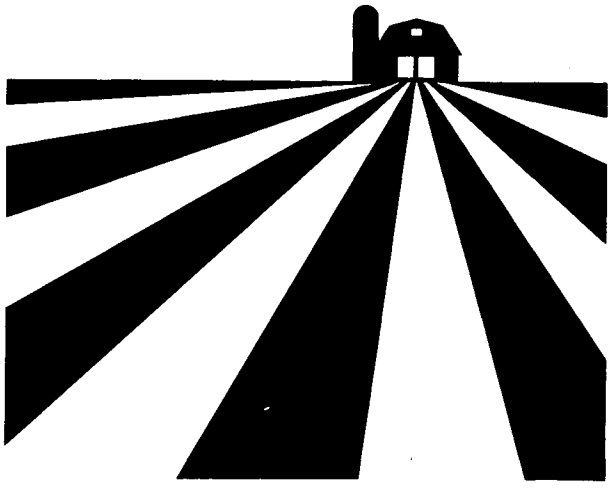

Part 44
Utah
AC78-A-44

Issued May 1981

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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 agricultural 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		
	1978		1974[1]	1978		1974[1]
	Total	Not on mail list	Total	Total	Not on mail list	Total
Farms ... number	13 833	1 069	12 184	9 748	308	8 745
Land in farms ... acres	10 517 668	47 104	10 610 050	8 679 520	27 111	8 725 598
Average size of farm ... acres	760	44	871	890	88	998
Harvested cropland ... acres	1 174 703	11 562	1 089 243	1 111 201	6 920	1 024 528
Average per farm ... acres	85	11	89	114	22	117
Farms by size:						
1 to 49 acres ... number	5 432	790	4 064	2 472	151	1 873
50 to 499 acres ... number	6 050	274	5 755	5 081	152	4 692
500 to 999 acres ... number	946	5	904	883	5	823
1,000 acres or more ... number	1 405	–	1 461	1 312	–	1 357
Value of land and buildings:[2]						
Average per farm ... dollars	303 763	107 099	163 989	357 757	147 654	192 839
Average per acre ... dollars	400	2 431	188	406	1 677	193
Value of machinery and equipment on farms[2] ... $1,000	379 093	8 263	245 726	341 537	3 734	210 256
Average per farm ... dollars	27 405	7 730	20 168	35 037	12 124	24 043
Value of agricultural products sold ... $1,000	468 195	2 815	338 649	456 689	2 063	328 440
Average per farm ... dollars	33 846	2 633	27 795	46 850	6 698	37 557
Crops sold ... $1,000	102 608	1 058	94 887	99 873	880	91 454
Average per farm ... dollars	7 418	989	7 788	10 245	2 856	10 458
Livestock and livestock products sold ... $1,000	311 005	1 748	201 392	302 971	1 183	195 130
Average per farm ... dollars	22 483	1 635	16 529	31 080	3 842	22 313
Poultry and poultry products sold ... $1,000	54 583	9	42 230	53 846	–	41 729
Average per farm ... dollars	3 946	8	3 466	5 524	–	4 772
Farms by value of agricultural products sold:						
Less than $2,500 ... number	3 948	761	3 491	–	–	214
$2,500 to $9,999 ... number	4 129	261	3 508	4 129	261	3 508
$10,000 to $39,999 ... number	3 216	47	3 183	3 216	47	3 183
$40,000 to $99,999 ... number	1 442	–	1 250	1 442	–	1 250
$100,000 to $199,999 ... number	594	–	375	594	–	375
$200,000 or more ... number	367	–	215	367	–	215
Abnormal farms ... number	137	(X)	162	(X)	(X)	(X)
Value of agricultural products sold by farms having sales of—						
Less than $2,500 ... $1,000	4 623	752	4 159	–	–	280
$2,500 to $9,999 ... $1,000	21 931	1 294	19 357	21 931	1 294	19 357
$10,000 to $39,999 ... $1,000	66 167	769	65 988	66 167	769	65 988
$40,000 to $99,999 ... $1,000	91 208	–	77 374	91 208	–	77 374
$100,000 to $199,999 ... $1,000	80 886	–	51 340	80 886	–	51 340
$200,000 or more ... $1,000	196 498	–	114 100	196 498	–	114 100
Abnormal farms ... $1,000	6 882	(X)	6 329	(X)	(X)	(X)
Farm production expenses for selected items:[2]						
Feed for livestock and poultry ... $1,000	102 865	593	87 162	99 873	262	84 257
Seeds, bulbs, plants, and trees ... $1,000	7 169	60	4 797	6 841	38	4 566
Commercial fertilizer ... $1,000	11 985	92	9 442	11 444	62	8 987
Other agricultural chemicals ... $1,000	4 676	51	2 471	4 454	35	2 382
Petroleum products—gasoline, diesel, etc. ... $1,000	22 708	281	14 589	21 587	182	13 714
Hired farm labor ... $1,000	35 054	108	22 269	33 593	63	20 906
Livestock and poultry inventory:						
Cattle and calves ... number	810 543	5 608	839 849	774 272	2 528	785 516
Hogs and pigs ... number	48 850	1 921	37 295	43 235	852	32 003
Sheep and lambs ... number	621 399	3 552	759 261	607 322	1 571	732 669
Chickens 3 months old or older ... number	2 298 463	4 452	2 109 377	2 246 624	883	2 052 170
Crops harvested:						
Corn for all purposes ... acres	78 602	419	73 332	74 736	265	69 578
Wheat for grain ... acres	254 603	324	264 168	251 098	197	256 578
bushels	6 689 017	16 250	6 377 354	6 590 140	12 400	6 184 670
Barley for grain ... acres	146 520	1 174	(NA)	139 539	729	114 693
bushels	9 120 661	61 578	(NA)	8 758 852	44 825	6 020 011
Hay crops ... acres	633 511	8 334	550 926	588 136	5 138	507 494
tons, dry	1 780 972	21 424	1 537 290	1 681 173	15 421	1 433 343

[1]Not fully comparable because of direct enumeration sample in 1978 totals; see text.
[2]1978 data are based on a sample of farms; see text.

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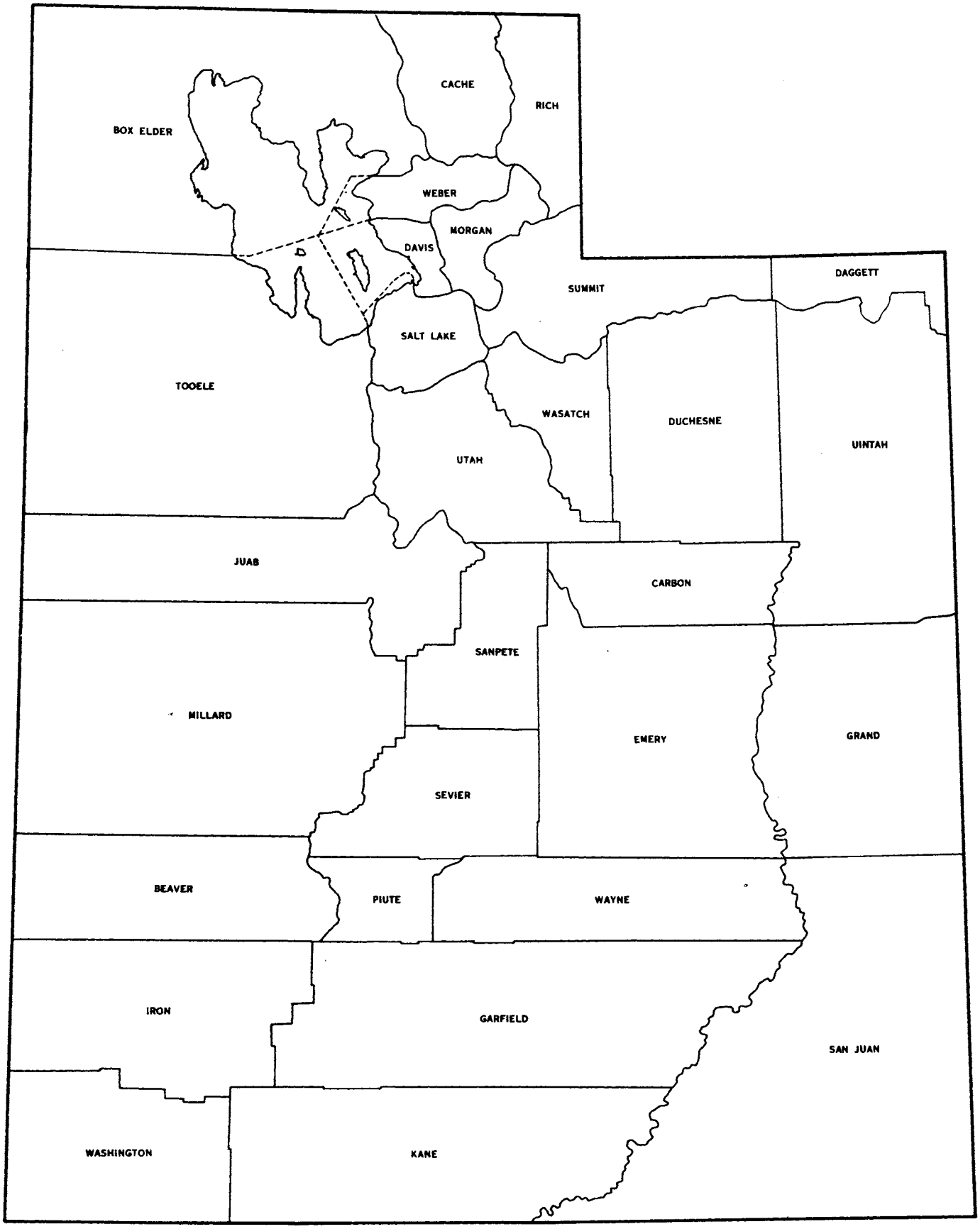

SCALE
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Chart 1.
Changes in State's Agriculture: 1978 From 1974

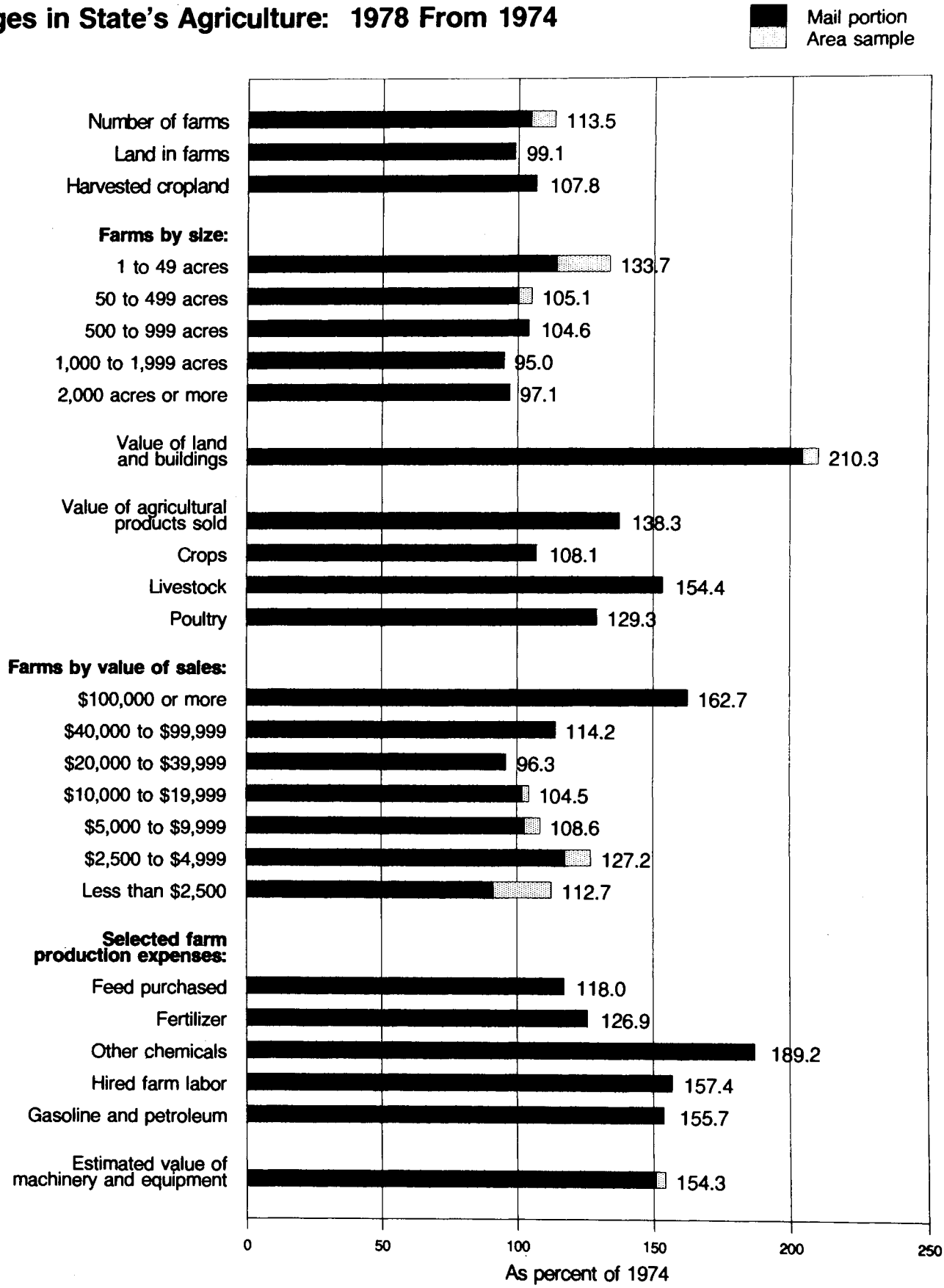

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Chart 2.
Profile of State's Agriculture: 1978

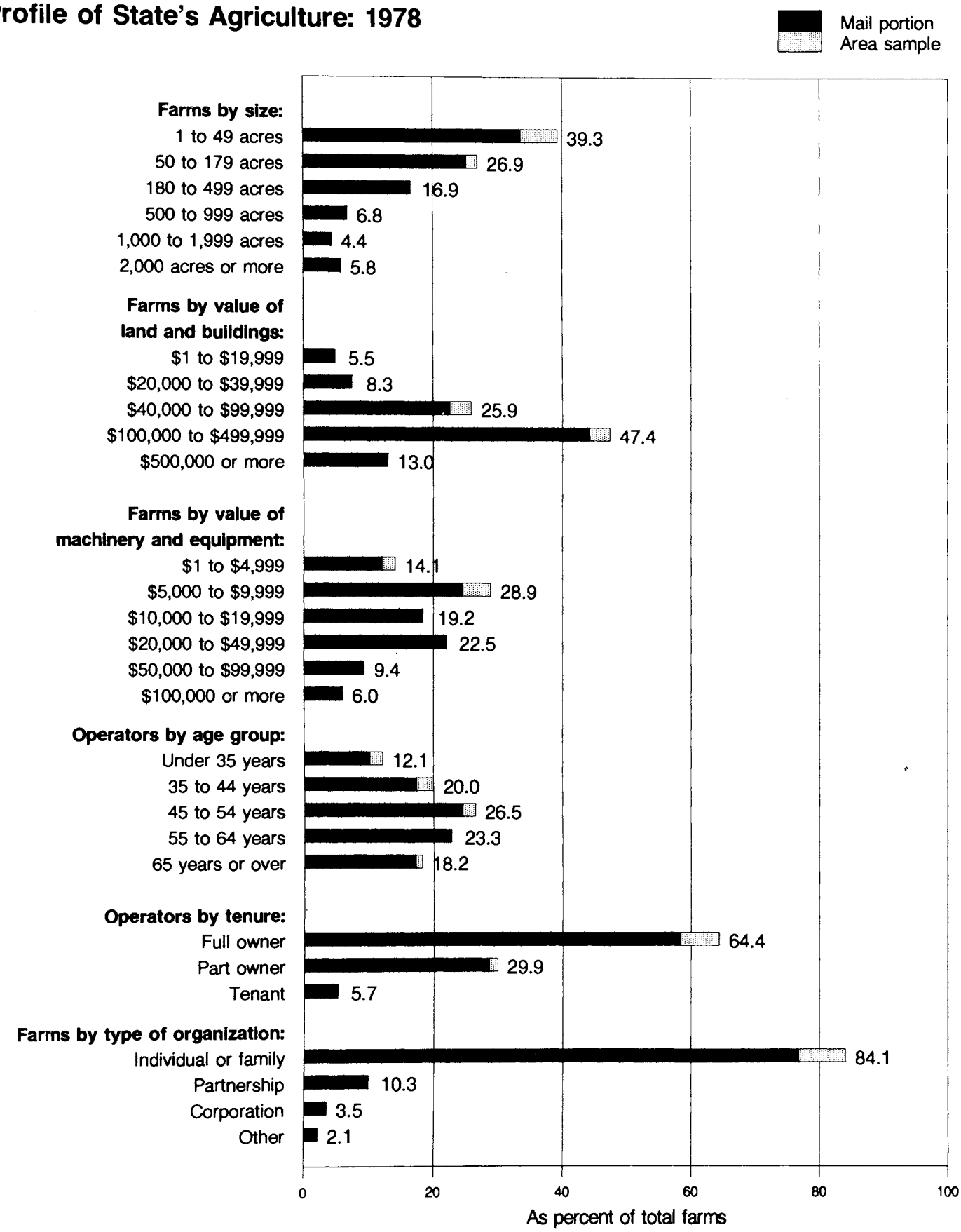

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Chart 2—Con.
Profile of State's Agriculture: 1978

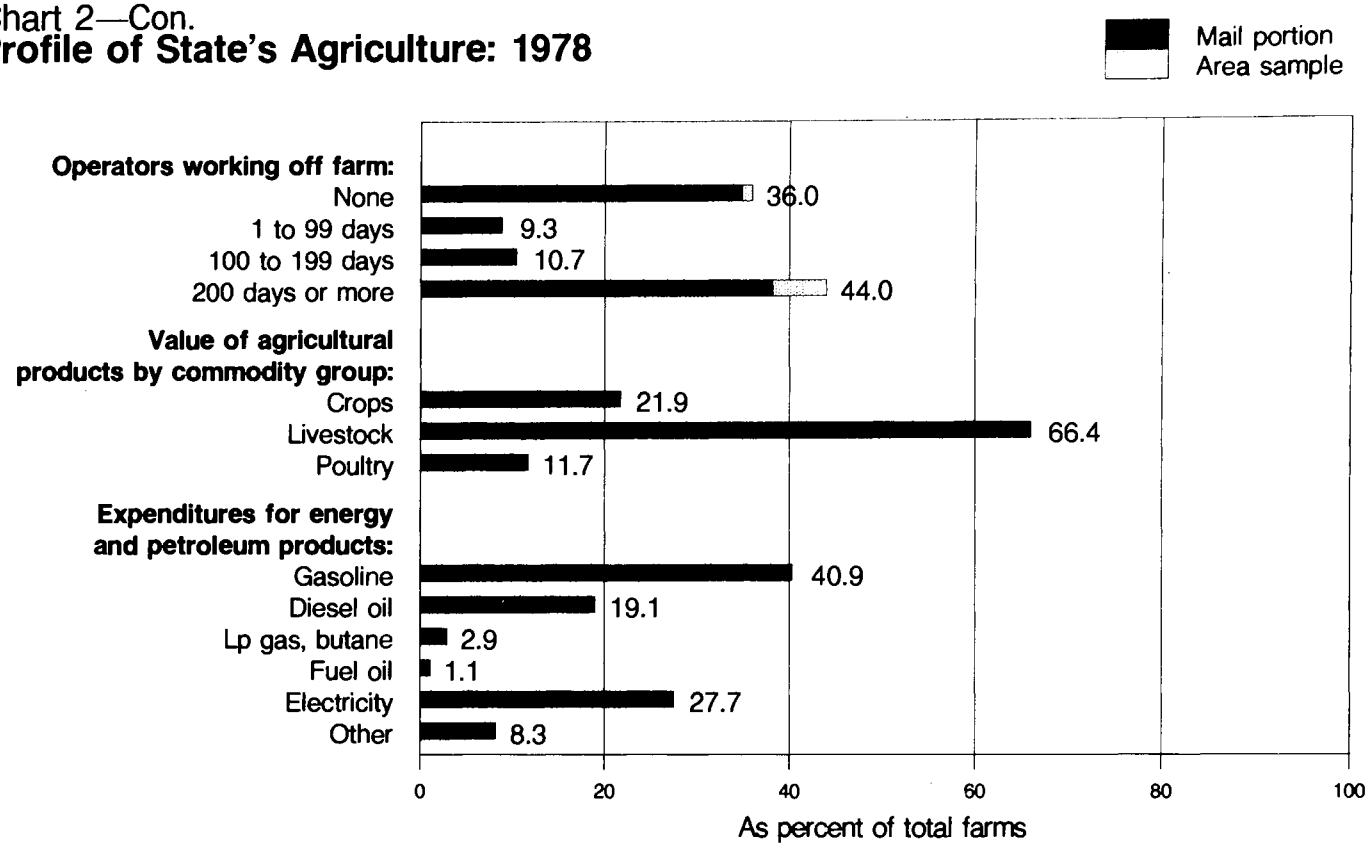

Chart 3.
Land in Farms by Type of Organization: 1978

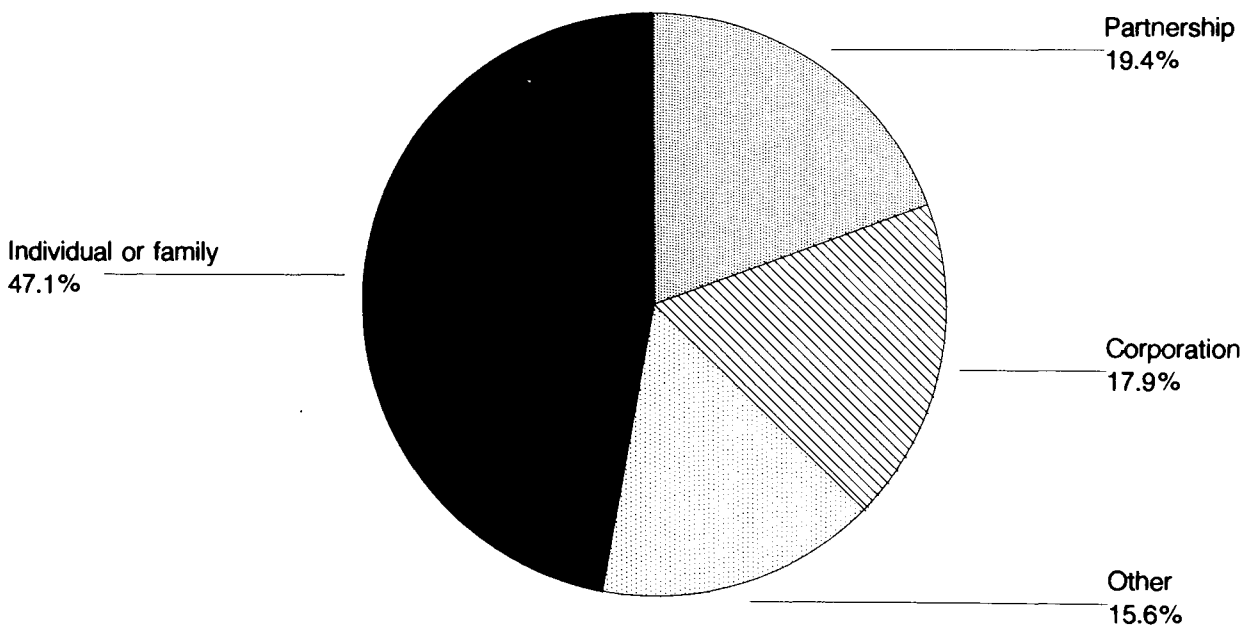

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Chart 4.
Farms by Value of Sales: 1978

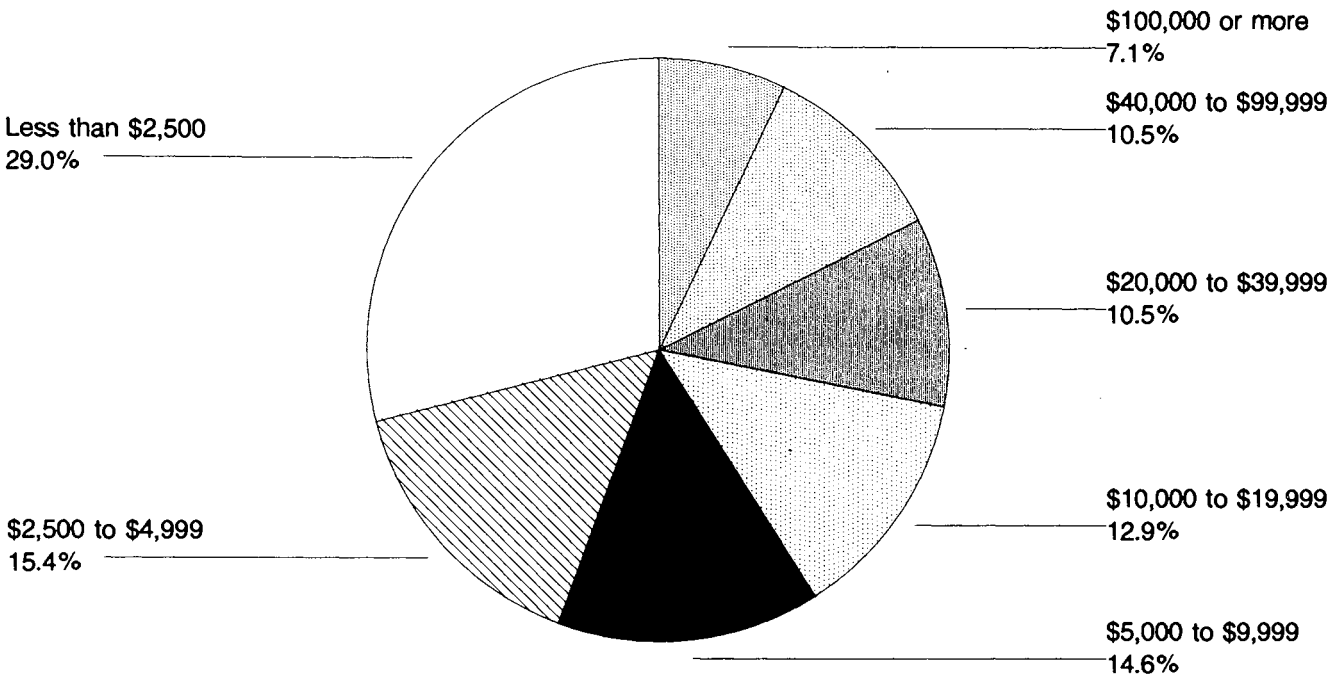
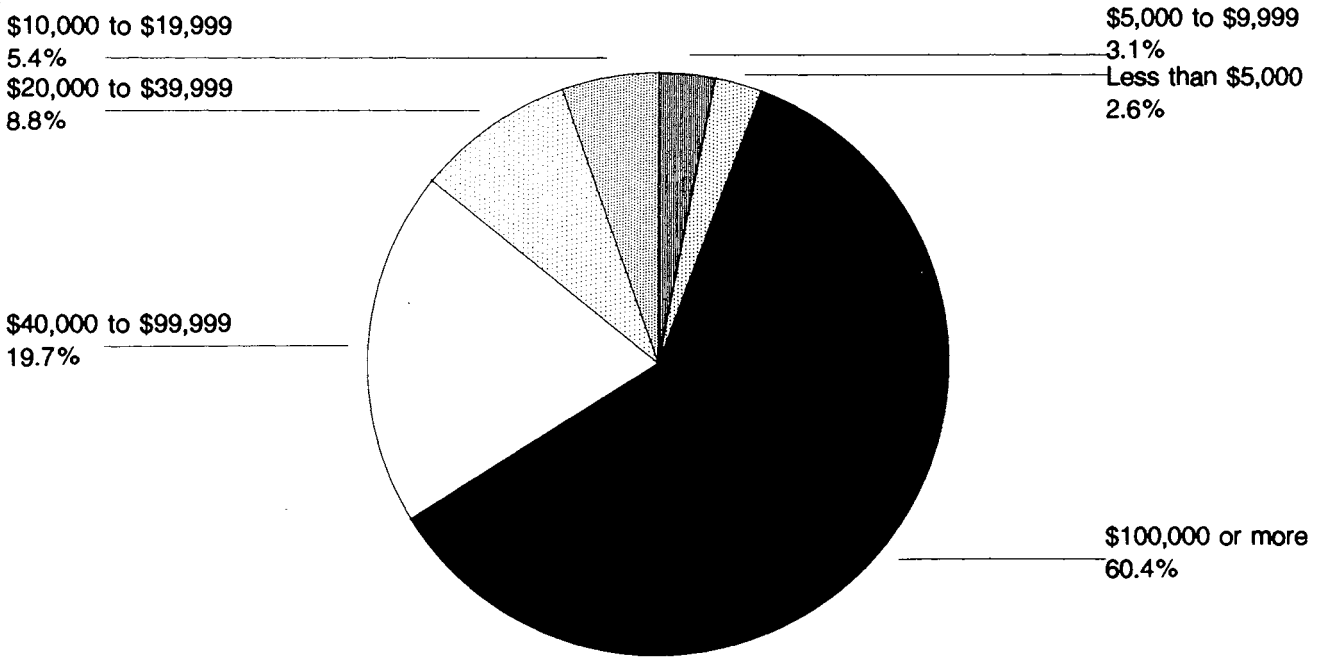


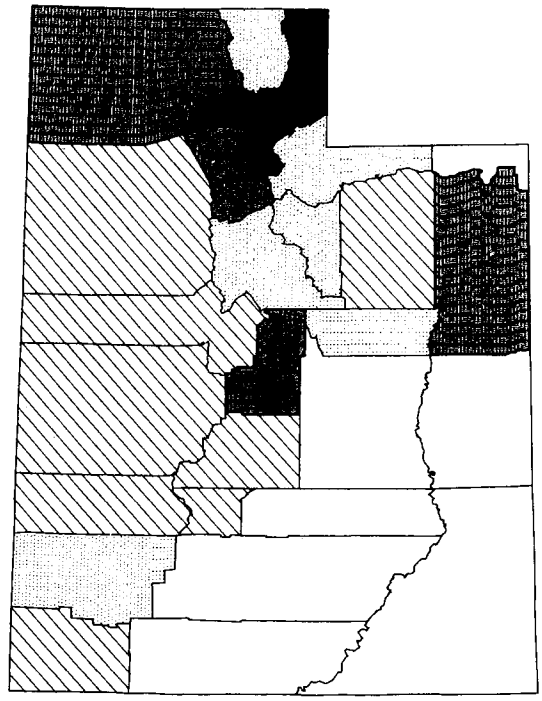
Chart 5.
Value of Products Sold by Size of Sales: 1978



Map 1. **Land in Farms by County: 1978**

As percent of land in county

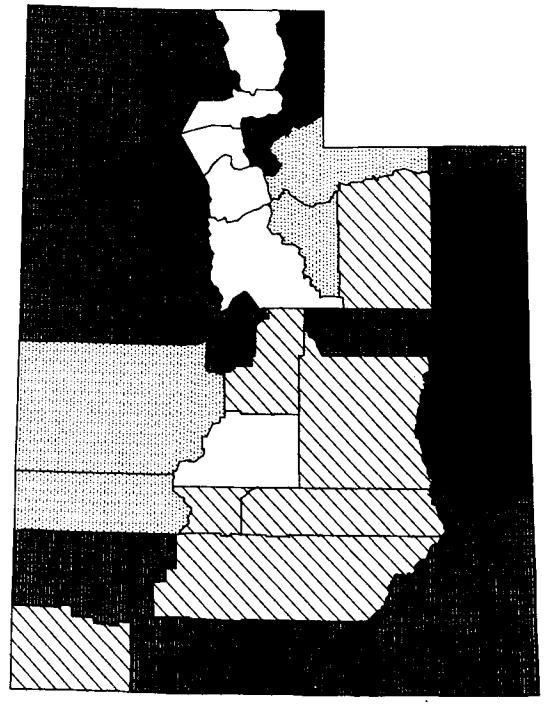
State average 20.0 percent



Percent
- Less than 10
- 10 - 19
- 20 - 39
- 40 - 49
- 50 or more

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

Average size 760 acres

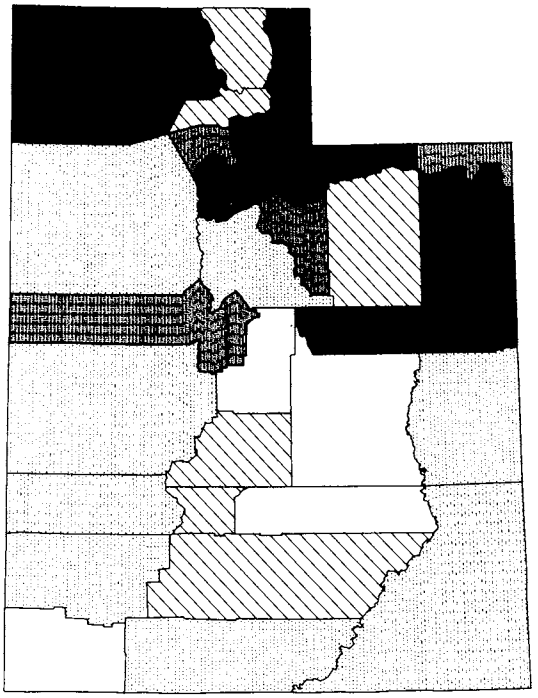


Acres
- Less than 500
- 500 - 699
- 700 - 999
- 1,000 - 1,999
- 2,000 or more

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

Average per farm

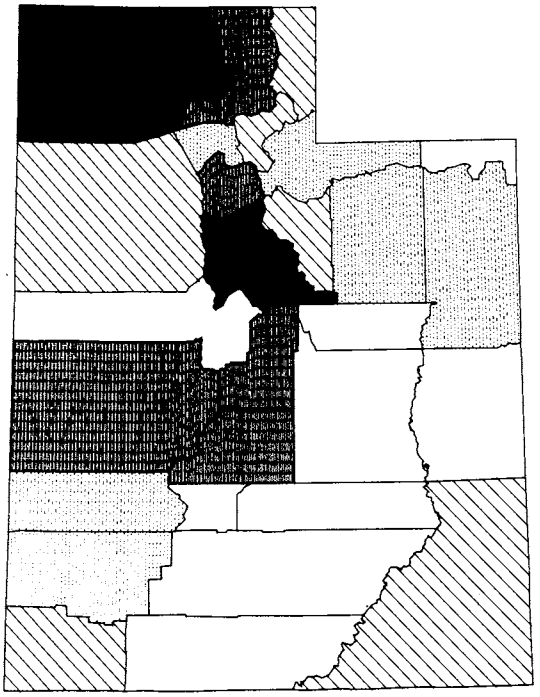
State average $303,763



Dollars
- Less than 225,000
- 225,000 - 299,999
- 300,000 - 349,999
- 350,000 - 399,999
- 400,000 or more

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

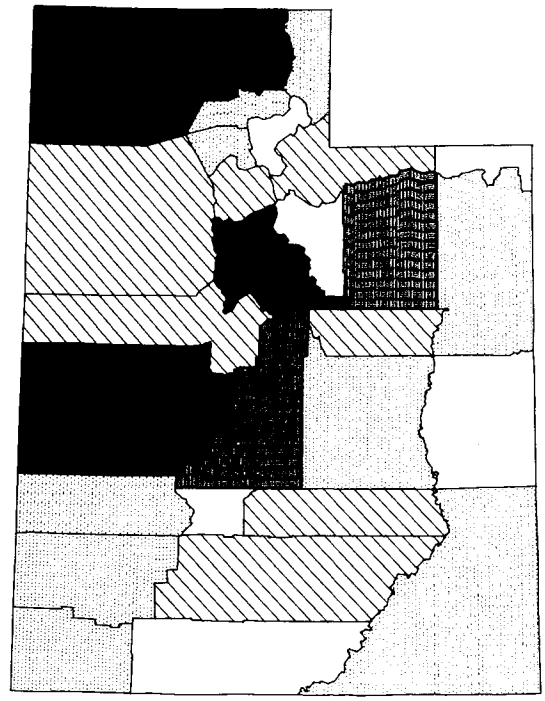
State total $468,195,000



Dollars
- Less than 5 million
- 5 - 9 million
- 10 - 19 million
- 20 - 49 million
- 50 million or more

Map 5. **Cattle and Calves Inventory by County: 1978**

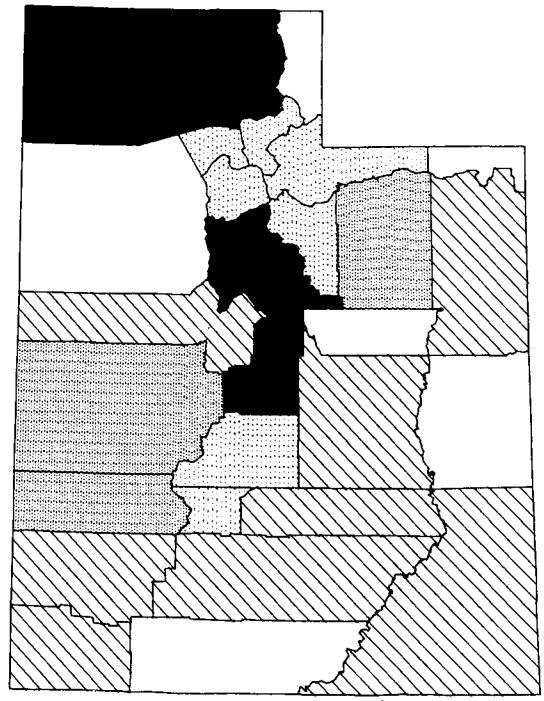
State total 810,543



Cattle and calves
- Less than 10,000
- 10,000 - 19,999
- 20,000 - 39,999
- 40,000 - 49,999
- 50,000 or more

Map 6. **Milk Cows Inventory by County: 1978**

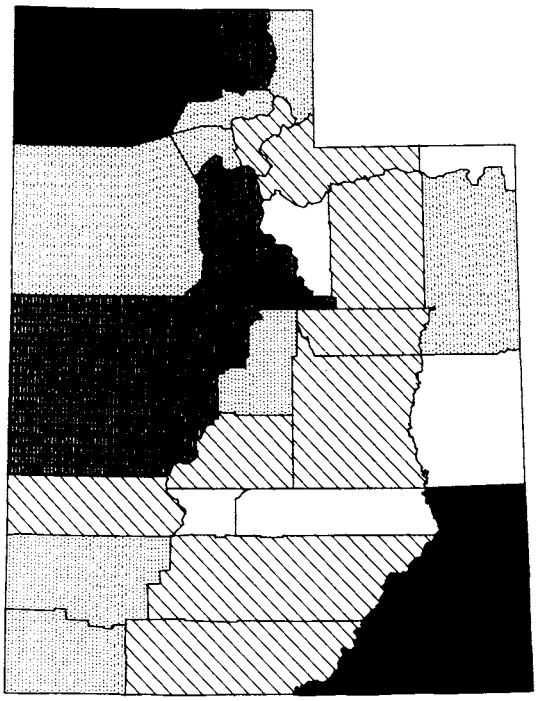
State total 78,784



Milk cows
- Less than 100
- 100 - 999
- 1,000 - 2,999
- 3,000 - 4,999
- 5,000 or more

Map 7. **Wheat Harvested for Grain by County: 1978**

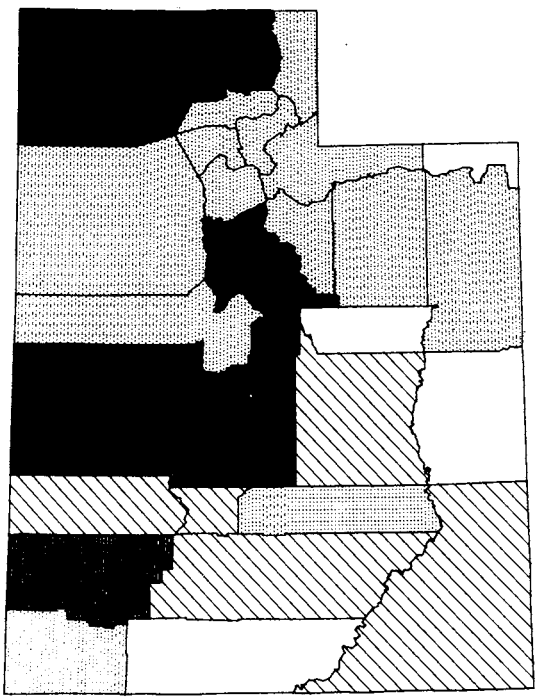
State total 254,603 acres



Acres
- Less than 100
- 100 - 999
- 1,000 - 9,999
- 10,000 - 19,999
- 20,000 or more

Map 8. **Barley Harvested for Grain by County: 1978**

State total 146,520 acres



Acres
- Less than 300
- 300 - 999
- 1,000 - 4,999
- 5,000 - 9,999
- 10,000 or more

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

		1978	1974	1969	1964	1959	1954	1950	1945
All farms	number	13 833	12 184	13 045	15 759	17 811	22 826	24 176	26 322
Land in farms	acres	10 517 668	10 610 050	11 312 951	12 867 081	12 688 518	12 262 222	10 865 165	10 309 107
Average size of farm	acres	760	871	867	817	712	537	449	392
Approximate land area	acres	52 540 160	52 540 672	52 540 672	52 722 560	52 696 960	52 701 440	52 701 440	52 701 440
Proportion in farms	percent	20.0	20.2	21.5	24.4	24.1	23.3	20.6	19.6
Value of land and buildings:[1]									
Average per farm	dollars	303 763	163 989	79 705	57 747	42 391	25 652	19 492	9 947
Average per acre	dollars	400	188	92	71	60	48	43	25
Farms by value of land and buildings:									
$1 to $9,999		209	588	1 495	2 075	(NA)	(NA)	(NA)	(NA)
$10,000 to $19,999		546	850	1 998	2 790	(NA)	(NA)	(NA)	(NA)
$20,000 to $39,999		1 143	1 983	3 123	4 501	(NA)	(NA)	(NA)	(NA)
$40,000 to $69,999		2 018	2 430	2 678	2 990	(NA)	(NA)	(NA)	(NA)
$70,000 to $99,999		1 570	1 473	1 282	1 347	(NA)	(NA)	(NA)	(NA)
$100,000 to $149,999		1 881	1 571	1 024	1 029	(NA)	(NA)	(NA)	(NA)
$150,000 to $199,999		1 324	945	517	431	(NA)	(NA)	(NA)	(NA)
$200,000 to $499,999		3 345	1 743	732	472	(NA)	(NA)	(NA)	(NA)
$500,000 or more		1 797	601	196	124	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:									
Total cropland	farms	12 671	11 327	12 055	14 570	16 320	20 579	22 058	24 522
	acres	2 034 492	1 838 683	1 944 576	2 069 514	2 007 651	2 027 458	2 052 889	1 663 702
Harvested cropland	farms	11 663	10 692	11 103	13 759	15 481	19 728	21 344	23 907
	acres	1 174 703	1 089 243	1 024 475	1 039 040	1 062 246	1 228 520	1 279 469	1 247 718
Farms by acres harvested:									
1 to 49 acres		6 598	5 529	5 790	7 895	9 176	12 664	13 898	16 251
1 to 9 acres		1 879	1 293	1 526	2 353	2 654	4 458	4 366	5 956
10 to 19 acres		1 761	1 481	1 495	1 946	2 200	2 612	2 960	3 220
20 to 29 acres		1 285	1 134	1 102	1 456	1 707	2 175	2 513	2 763
30 to 49 acres		1 673	1 621	1 667	2 140	2 615	3 419	4 059	4 312
50 to 99 acres		2 027	2 197	2 325	2 977	3 435	4 116	4 524	4 794
100 to 199 acres		1 575	1 591	1 792	1 858	1 924	1 916	1 942	1 947
200 to 499 acres		1 090	1 064	936	819	768	796	766	744
500 to 999 acres		249	208	200	164	136	179	160	140
1,000 acres or more		124	103	60	46	42	57	54	31
1,000 to 1,999 acres		103	91	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more		21	12	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing[2]	farms	6 129	5 568	6 525	5 899	6 458	7 267	6 739	4 257
	acres	490 703	438 028	507 047	441 573	409 472	275 432	305 178	127 813
Other cropland	farms	3 514	2 585	4 213	6 266	5 429	6 626	7 039	(NA)
	acres	369 086	311 412	413 054	588 901	535 933	523 506	468 242	288 171
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	513	(NA)	(NA)	1 455	784	(NA)	(NA)	(NA)
	acres	22 432	(NA)	(NA)	148 438	133 483	(NA)	(NA)	(NA)
Cropland on which all crops failed	farms	677	(NA)	(NA)	911	(NA)	(NA)	(NA)	1 159
	acres	25 321	(NA)	(NA)	24 863	(NA)	(NA)	(NA)	14 471
Cropland in cultivated summer fallow[3]	farms	1 419	(NA)	(NA)	3 408	3 136	4 055	4 578	(NA)
	acres	225 226	(NA)	(NA)	281 728	253 981	373 242	345 222	(NA)
Cropland idle	farms	1 857	(NA)	(NA)	2 775	(NA)	(NA)	(NA)	5 155
	acres	96 107	(NA)	(NA)	133 872	(NA)	(NA)	(NA)	273 700
Total woodland	farms	508	492	499	668	905	1 019	1 836	743
	acres	681 575	690 908	230 296	824 997	979 953	1 029 241	1 556 603	183 901
Woodland pastured	farms	312	(NA)	(NA)	532	756	815	1 480	550
	acres	604 107	(NA)	(NA)	762 307	928 391	979 746	1 454 387	173 093
Woodland not pastured	farms	239	(NA)	(NA)	180	215	247	491	209
	acres	77 468	(NA)	(NA)	62 690	51 562	49 495	102 216	10 808
Other land	farms	9 425	8 341	8 917	(NA)	(NA)	(NA)	(NA)	(NA)
	acres	7 801 601	8 080 459	9 138 079	9 972 570	9 700 914	9 205 523	7 255 673	8 461 504
Pastureland and rangeland other than cropland and woodland pastured	farms	4 576	(NA)	(NA)	7 976	9 170	11 554	11 561	15 400
	acres	7 556 768	(NA)	(NA)	9 661 056	9 250 019	8 732 655	6 815 022	8 263 100
Land in house lots, ponds, roads, wasteland, etc.	farms	7 298	(NA)	(NA)	11 908	(NA)	18 965	19 531	20 636
	acres	244 833	(NA)	(NA)	311 514	450 895	472 868	440 651	198 404
Irrigated land	farms	11 655	9 701	10 282	13 762	15 701	19 406	21 126	23 543
	acres	1 185 315	969 645	1 025 014	1 092 270	1 061 683	1 072 682	1 137 995	1 124 081

[1]1978 and 1950 through 1964 data are based on a sample of farms. [2]Not fully comparable for various census years because of differences in cropland used only for pasture. [3]Varies from State to State, 1950 through 1964; 17 Western States, 1945 not available.

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

		1978	1974	1969
Farms	number	9 748	8 745	8 413
Land in farms	acres	8 679 520	8 725 598	9 510 196
Average size of farm	acres	890	998	1 130
Value of land and buildings:[1]				
Average per farm	dollars	357 757	192 839	102 114
Average per acre	dollars	406	193	90
Land in farms according to use:				
Total cropland	farms	9 049	8 168	7 856
	acres	1 878 746	1 668 708	1 720 860
Harvested cropland	farms	8 529	7 878	7 502
	acres	1 111 201	1 024 528	939 591
Farms by acres harvested:				
1 to 49 acres		3 612	2 893	2 492
50 to 99 acres		1 933	2 067	2 088
100 to 199 acres		1 551	1 576	1 751
200 to 499 acres		1 066	1 036	915
500 to 999 acres		244	206	198
1,000 acres or more		123	100	58
1,000 to 1,999 acres		103	89	48
2,000 acres or more		20	11	10
Cropland used only for pasture or grazing	farms	4 345	3 889	4 329
	acres	422 484	360 818	413 162
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	412	316	448
	acres	19 255	41 195	31 096
Land in farms according to use—Con..				
Total cropland—Con.				
Cropland on which all crops failed	farms	491	480	338
	acres	21 797	28 192	12 249
Cropland in cultivated summer fallow	farms	1 185	1 029	1 743
	acres	220 172	168 639	243 632
Cropland idle	farms	1 399	816	1 376
	acres	83 837	45 336	81 130
Total woodland	farms	385	371	344
	acres	200 148	208 291	185 076
Woodland pastured	farms	252	231	273
	acres	157 571	150 226	138 362
Woodland not pastured	farms	170	158	96
	acres	42 577	58 065	46 714
Pastureland and rangeland other than cropland and woodland pastured	farms	3 703	3 552	3 704
	acres	6 399 328	6 582 017	7 377 290
Land in house lots, ponds, roads, wasteland, etc.	farms	5 041	5 005	4 781
	acres	201 298	266 582	226 970
Pastureland, all types	farms	6 788	6 093	6 313
	acres	6 979 383	7 093 061	7 928 814
Irrigated land	farms	8 355	7 281	7 055
	acres	1 095 312	897 192	934 029

[1]1978 data are based on a sample of farms; see text.

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

	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1978	1974	1978	1974	1978	1974	1978	1974
All farms ..... number	13 833	12 184	10 517 668	10 610 050	1 174 703	1 089 243	1 185 315	969 645
with harvested cropland	11 663	10 692	7 837 251	8 647 722	1 174 703	1 089 243	1 153 739	950 836
with irrigated land	11 655	9 701	7 484 869	8 123 932	1 004 578	898 643	1 185 315	969 645
Farms by size:								
1 to 9 acres ..... number	1 847	1 116	7 418	4 306	3 355	2 253	4 594	2 494
with harvested cropland	902	600	4 681	2 953	3 355	2 253	3 670	1 971
with irrigated land	1 105	536	5 645	2 668	3 167	1 763	4 594	2 494
10 to 49 acres ..... number	3 585	2 948	92 810	77 764	52 848	46 526	63 091	46 473
with harvested cropland	3 099	2 599	81 826	69 370	52 848	46 526	58 441	43 974
with irrigated land	3 211	2 369	84 049	63 416	50 442	40 132	63 091	46 473
50 to 69 acres ..... number	912	793	52 245	45 642	27 792	26 730	32 121	26 238
with harvested cropland	834	720	47 928	41 571	27 792	26 730	30 699	24 988
with irrigated land	835	664	47 865	38 347	26 597	23 468	32 121	26 238
70 to 99 acres ..... number	1 047	1 025	86 205	84 411	44 714	46 202	51 444	46 100
with harvested cropland	964	977	79 379	80 502	44 714	46 202	49 214	45 673
with irrigated land	950	880	78 237	72 862	42 397	42 075	51 444	46 100
100 to 139 acres ..... number	967	999	112 671	116 417	56 479	57 528	64 459	57 424
with harvested cropland	879	928	102 353	108 169	56 479	57 528	62 905	56 472
with irrigated land	863	834	100 560	97 197	53 893	52 252	64 459	57 424
140 to 179 acres ..... number	793	721	124 855	114 084	58 561	56 767	66 153	61 800
with harvested cropland	727	689	114 487	108 947	58 561	56 767	64 554	60 254
with irrigated land	717	663	112 917	104 849	55 686	54 013	66 153	61 800
180 to 219 acres ..... number	506	580	100 314	114 876	45 633	54 660	51 528	55 861
with harvested cropland	481	538	95 403	106 592	45 633	54 660	50 434	54 791
with irrigated land	457	504	90 640	99 919	43 316	50 475	51 528	55 861
220 to 259 acres ..... number	424	382	100 409	90 754	44 372	42 072	49 874	42 120
with harvested cropland	405	366	95 935	86 938	44 372	42 072	48 971	41 246
with irrigated land	396	339	93 754	80 546	42 558	37 850	49 874	42 120
260 to 499 acres ..... number	1 401	1 255	496 496	446 485	180 590	168 160	211 745	172 512
with harvested cropland	1 297	1 185	458 675	421 870	180 590	168 160	207 178	169 802
with irrigated land	1 234	1 096	437 277	390 053	167 436	153 647	211 745	172 512
500 to 999 acres ..... number	946	904	659 201	623 016	177 338	161 873	197 407	147 808
with harvested cropland	862	834	599 539	574 705	177 338	161 873	194 835	146 109
with irrigated land	809	725	558 360	498 594	156 071	133 046	197 407	147 808
1,000 to 1,999 acres ..... number	607	639	839 339	868 159	165 748	156 554	151 272	121 258
with harvested cropland	564	583	780 678	793 090	165 748	156 554	149 672	118 464
with irrigated land	496	514	688 497	695 590	128 453	118 475	151 272	121 258
2,000 acres or more ..... number	798	822	7 845 705	8 024 136	317 273	269 918	241 627	189 557
with harvested cropland	649	673	5 376 367	6 253 015	317 273	269 918	233 166	187 092
with irrigated land	582	577	5 187 068	5 979 891	234 562	191 447	241 627	189 557
5,000 acres or more ..... number	371	(NA)	6 546 002	(NA)	146 582	(NA)	136 129	(NA)
with harvested cropland	281	(NA)	4 256 930	(NA)	146 582	(NA)	129 691	(NA)
with irrigated land	277	(NA)	4 254 582	(NA)	131 257	(NA)	136 129	(NA)

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

	All farms			Farms operated by Black and other races[1]		
	1978	1974	1969	1978	1974	1969
Farms and land in farms operated by:						
All operators ..... farms	13 833	12 184	13 045	141	164	7
acres	10 517 668	10 610 050	11 312 951	1 017 541	93 441	664
Harvested cropland ..... farms	11 663	10 692	11 103	131	148	3
acres	1 174 703	1 089 243	1 024 475	13 310	13 164	58
Full owners ..... farms	8 915	7 942	8 229	66	85	7
acres	4 359 506	3 520 212	2 739 827	988 906	60 667	664
Harvested cropland ..... farms	7 259	6 836	6 721	56	69	3
acres	513 945	551 023	448 868	3 118	2 972	58
Part owners ..... farms	4 130	3 541	4 063	58	62	–
acres	5 825 301	6 606 456	8 200 070	24 034	29 444	–
Harvested cropland ..... farms	3 777	3 298	3 783	58	62	–
acres	599 633	485 463	532 042	6 535	7 529	–
Tenants ..... farms	788	701	753	17	17	–
acres	332 861	483 382	373 054	4 601	3 330	–
Harvested cropland ..... farms	627	558	599	17	17	–
acres	61 125	52 757	43 565	3 657	2 663	–
Percent of tenancy ..... percent	5.7	5.8	5.7	12.1	10.4	–
Forms by type of organization:						
Individual or family ..... farms	11 633	(NA)	(NA)	110	(NA)	(NA)
acres	4 956 822	(NA)	(NA)	21 781	(NA)	(NA)
Partnership ..... farms	1 423	(NA)	(NA)	26	(NA)	(NA)
acres	2 043 247	(NA)	(NA)	(D)	(NA)	(NA)
Corporations ..... farms	479	(NA)	(NA)	1	(NA)	(NA)
acres	1 880 330	(NA)	(NA)	(D)	(NA)	(NA)
Family held:						
More than 10 stockholders ..... farms	20	(NA)	(NA)	–	(NA)	(NA)
acres	88 367	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders ..... farms	421	(NA)	(NA)	1	(NA)	(NA)
acres	1 711 834	(NA)	(NA)	(D)	(NA)	(NA)
Other than family held:						
More than 10 stockholders ..... farms	6	(NA)	(NA)	–	(NA)	(NA)
acres	8 324	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders ..... farms	32	(NA)	(NA)	–	(NA)	(NA)
acres	71 805	(NA)	(NA)	–	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. ..... farms	298	(NA)	(NA)	4	(NA)	(NA)
acres	1 637 269	(NA)	(NA)	983 429	(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	267	180	152	–	20	–
25 to 34 years	1 408	880	1 080	7	5	–
35 to 44 years	2 763	2 199	2 761	16	26	1
45 to 54 years	3 661	3 013	3 564	54	52	2
55 to 64 years	3 219	3 059	3 432	54	40	–
65 years and over	2 515	2 344	2 056	10	21	4
Average age	51.2	52.6	51.4	53.1	48.7	62.4
Operators by place of residence:[1]						
On farm operated	8 898	5 889	8 056	93	97	3
Not on farm operated	3 631	3 539	3 592	21	41	4
Not reported	1 304	2 756	1 397	27	26	–
Operators reporting days of work off farm:[1]						
None	4 444	3 271	(NA)	68	49	(NA)
Any	8 860	6 489	8 345	67	83	3
1 to 49 days	884	721	1 061	14	12	–
50 to 99 days	398	416	482	7	24	–
100 to 149 days	475	336	1 297	3	7	1
150 to 199 days	1 011	848		3	14	
200 days or more	6 092	4 168	5 505	40	26	2
Not reporting	529	1 915	(NA)	6	32	(NA)
Operators by principal occupation:[1]						
Farming	6 202	6 287	(NA)	92	132	(NA)
Other	7 631	5 388	(NA)	49	32	(NA)
Operators by sex:						
Male — forms	13 458	(NA)	(NA)	137	(NA)	(NA)
Male — acres	10 341 181	(NA)	(NA)	1 016 814	(NA)	(NA)
Female — forms	375	(NA)	(NA)	4	(NA)	(NA)
Female — acres	176 487	(NA)	(NA)	727	(NA)	(NA)
Operators of Spanish origin — forms	51	(NA)	(NA)	8	(NA)	(NA)
Operators of Spanish origin — acres	36 984	(NA)	(NA)	1 004	(NA)	(NA)

[1]1969 data apply only to farms operated by Blacks; 1974 data apply only to individual or family operations (sole proprietorship) and partnerships; see text.

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

	1978		1974		1969	
	Farms	Farms operated by Black and other races, (see text)	Farms	Farms operated by Black and other races, (see text)	Farms	Farms operated by Black and other races,[1] (see text)
Individual or family — forms	7 966	85	7 707	108	7 158	1
Individual or family — acres	4 699 014	20 810	5 223 973	36 314	5 643 755	70
Partnership — forms	1 201	25	691	19	1 002	–
Partnership — acres	2 006 468	(D)	1 535 394	2 546	2 188 013	–
Corporations — forms	456	1	319	(NA)	188	–
Corporations — acres	1 873 465	(D)	1 935 278	(NA)	1 227 992	–
Family held:						
More than 10 stockholders — forms	19	–	(NA)	(NA)	(NA)	(NA)
More than 10 stockholders — acres	(D)	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — forms	400	1	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — acres	1 705 010	(D)	(NA)	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders — forms	6	–	(NA)	(NA)	(NA)	(NA)
More than 10 stockholders — acres	8 324	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — forms	31	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders — acres	(D)	–	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc. — forms	125	–	28	(NA)	65	–
Other—cooperative, estate or trust, institutional, etc. — acres	100 573	–	30 953	(NA)	450 436	–

[1]1969 data for farms operated by Blacks only.

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

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

All Farms	1978 Farms	1978 Expenses ($1,000)	1974	1969
Livestock and poultry purchased ..... farms	5 876	(X)	5 084	5 858
$1,000	(X)	75 247	52 074	43 778
Farms with expenses of—				
$1 to $499	1 554	333	1 418	1 951
$500 to $999	891	608	826	881
$1,000 to $4,999	1 949	4 350	1 525	1 691
$5,000 to $9,999	504	3 320	536	524
$10,000 to $14,999	244	2 816	353	811
$15,000 to $19,999	103	1 798		
$20,000 to $29,999	195	4 648	426	
$30,000 to $39,999	135	4 514		
$40,000 to $49,999	52	2 228		
$50,000 to $79,999	107	6 532		
$80,000 or more	142	44 100		
Feed for livestock and poultry ..... farms	9 000	(X)	7 793	8 412
$1,000	(X)	102 865	87 162	39 544
Farms with expenses of—				
$1 to $499	2 971	649	2 455	3 793
$500 to $999	1 438	964	912	1 222
$1,000 to $4,999	2 374	5 424	2 469	2 113
$5,000 to $9,999	690	4 737	658	546
$10,000 to $14,999	338	3 949	559	738
$15,000 to $19,999	232	3 952		
$20,000 to $29,999	303	7 319	740	
$30,000 to $39,999	144	4 902		
$40,000 to $79,999	290	15 702		
$80,000 or more	220	55 269		
Commercially mixed formula feeds ..... farms	3 337	(X)	4 892	4 810
$1,000	(X)	56 651	56 054	22 677
Farms by tons purchased:				
1 to 49 tons	2 452	(X)	3 846	3 933
50 to 99 tons	266	(X)	393	343
100 to 199 tons	268	(X)	316	226
200 to 499 tons	197	(X)	204	188
500 to 799 tons	68	(X)	133	120
800 to 999 tons	14	(X)		
1,000 tons or more	72	(X)		
Farms with expenses of—				
$1 to $499	1 047	211	1 831	2 438
$500 to $999	329	226	573	614
$1,000 to $4,999	899	2 114	1 288	1 055
$5,000 to $9,999	350	2 387	398	255
$10,000 to $14,999	159	1 947	348	449
$15,000 to $19,999	123	2 099		
$20,000 to $29,999	118	2 854	454	
$30,000 to $39,999	69	2 393		
$40,000 to $49,999	43	1 938		
$50,000 or more	200	40 482		
Animal health cost ..... farms	8 436	(X)	(NA)	(NA)
$1,000	(X)	3 751	(NA)	(NA)
Farms with expenses of—				
$1 to $99	3 148	132	(NA)	(NA)
$100 to $499	3 565	734	(NA)	(NA)
$500 to $999	859	551	(NA)	(NA)
$1,000 to $2,999	656	1 011	(NA)	(NA)
$3,000 to $4,999	109	382	(NA)	(NA)
$5,000 or more	99	939	(NA)	(NA)
Seeds, bulbs, plants, and trees ..... farms	6 389	(X)	6 143	6 075
$1,000	(X)	7 169	4 797	2 283
Farms with expenses of—				
$1 to $499	3 811	726	4 147	5 090
$500 to $999	1 051	702	1 021	586
$1,000 to $4,999	1 343	2 653	871	358
$5,000 to $9,999	120	770	62	22
$10,000 to $19,999	26	336	42	19
$20,000 or more	38	1 982		

All Farms	1978 Farms	1978 Expenses ($1,000)	1974	1969
Commercial fertilizer ..... farms	6 638	(X)	5 884	6 601
$1,000	(X)	11 985	9 442	4 012
Farms with expenses of—				
$1 to $499	3 100	696	2 798	4 654
$500 to $999	1 096	770	1 028	973
$1,000 to $4,999	1 944	4 173	1 640	884
$5,000 to $9,999	321	2 155	265	72
$10,000 to $19,999	115	1 513	110	18
$20,000 to $29,999	26	622	43	
$30,000 to $39,999	12	392		
$40,000 or more	24	1 663		
Other agricultural chemicals including lime ..... farms	6 594	(X)	4 931	(NA)
$1,000	(X)	4 676	2 471	1 250
Farms with expenses of—				
$1 to $99	2 260	97	2 033	(NA)
$100 to $499	2 484	563	1 922	(NA)
$500 to $999	823	538	449	(NA)
$1,000 to $1,999	496	647	444	(NA)
$2,000 to $4,999	365	1 054		
$5,000 to $9,999	108	718	83	(NA)
$10,000 to $19,999	42	543		
$20,000 or more	16	517		
Hired farm labor ..... farms	6 466	(X)	5 184	8 118
$1,000	(X)	35 054	22 269	17 868
Farms with expenses of—				
$1 to $99	560	25	520	4 061
$100 to $499	1 444	364	1 490	
$500 to $999	969	666	796	1 171
$1,000 to $2,499	1 223	1 887	789	1 336
$2,500 to $4,999	893	3 125	552	715
$5,000 to $9,999	539	3 743	486	442
$10,000 to $19,999	436	5 729	340	393
$20,000 to $29,999	199	4 728	211	
$30,000 to $49,999	103	3 752		
$50,000 or more	100	11 037		
Contract labor ..... farms	1 335	(X)	706	(NA)
$1,000	(X)	3 057	1 468	(NA)
Farms with expenses of—				
$1 to $499	439	115	257	(NA)
$500 to $999	321	220	128	(NA)
$1,000 to $4,999	426	946	245	(NA)
$5,000 to $9,999	102	721	50	(NA)
$10,000 to $19,999	33	446	26	(NA)
$20,000 or more	14	609		
Customwork, machine hire, and rental of machinery and equipment ..... farms	6 789	(X)	6 349	(NA)
$1,000	(X)	6 306	4 757	(NA)
Farms with expenses of—				
$1 to $499	3 793	854	3 841	(NA)
$500 to $999	1 339	906	1 241	(NA)
$1,000 to $4,999	1 489	2 958	1 182	(NA)
$5,000 to $9,999	119	824	61	(NA)
$10,000 to $19,999	39	473	24	(NA)
$20,000 or more	10	291		
Energy and petroleum products expenses ..... farms	13 712	(X)	(NA)	(NA)
$1,000	(X)	31 821	(NA)	(NA)
Farms with expenses of—				
$1 to $499	5 525	1 215	(NA)	(NA)
$500 to $999	2 480	1 808	(NA)	(NA)
$1,000 to $1,999	1 908	2 709	(NA)	(NA)
$2,000 to $4,999	2 321	7 423	(NA)	(NA)
$5,000 to $9,999	947	6 489	(NA)	(NA)
$10,000 to $19,999	351	4 830	(NA)	(NA)
$20,000 to $39,999	128	3 447	(NA)	(NA)
$40,000 or more	52	3 899	(NA)	(NA)
Petroleum products ..... farms	13 692	(X)	11 949	12 808
$1,000	(X)	22 708	14 589	9 246
Farms with expenses of—				
$1 to $499	6 226	1 331	5 340	7 231
$500 to $999	2 426	1 722	2 539	2 824
$1,000 to $1,999	1 824	2 600	3 620	2 635
$2,000 to $4,999	2 206	6 750		
$5,000 to $9,999	722	4 870	345	100
$10,000 to $19,999	216	2 950	105	18
$20,000 or more	72	2 484		

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

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

	1978, All farms		Farms with sales of $2,500 or more			
	Farms	Expenses ($1,000)	1978, farms	1978, expenses ($1,000)	1974, farms	1969, farms
Gasoline ..... farms	13 202	(X)	9 531	(X)	8 399	8 254
$1,000	(X)	13 011	(X)	12 268	8 603	5 784
Farms with expenses of—						
$1 to $499	7 057	1 309	3 621	844	3 450	4 171
$500 to $999	2 451	1 654	2 253	1 526	2 147	2 393
$1,000 to $1,999	1 804	2 497	1 791	2 478	1 738	1 224
$2,000 to $4,999	1 528	4 369	1 508	4 306	897	431
$5,000 to $9,999	273	1 759	271	(D)	138	35
$10,000 to $19,999	73	914	73	914	29	
$20,000 or more	16	509	14	(D)		
Diesel fuel ..... farms	7 722	(X)	6 629	(X)	5 555	4 209
$1,000	(X)	6 082	(X)	5 890	3 288	1 451
Farms with expenses of—						
$1 to $499	4 804	910	3 772	788	3 719	3 359
$500 to $999	1 291	829	1 255	807	926	532
$1,000 to $1,999	881	1 134	865	1 112	562	235
$2,000 to $4,999	589	1 696	581	(D)	303	77
$5,000 to $9,999	110	693	109	(D)	38	6
$10,000 or more	47	820	47	820	7	
LP gas, butane, and propane ..... farms	1 658	(X)	1 512	(X)	1 236	1 489
$1,000	(X)	934	(X)	912	467	297
Farms with expenses of—						
$1 to $99	599	22	498	19	437	762
$100 to $499	626	157	586	148	557	590
$500 to $999	223	150	222	(D)	142	99
$1,000 to $2,499	118	163	116	(D)	94	38
$2,500 to $4,999	60	175	58	(D)	6	
$5,000 or more	32	267	32	267		
Motor oil, grease, natural gas, kerosene, and fuel oil ..... farms	13 681	(X)	9 837	(X)	8 656	8 375
$1,000	(X)	2 681	(X)	2 516	1 355	784
Farms with expenses of—						
$1 to $99	8 714	277	5 090	196	5 064	5 967
$100 to $499	3 947	800	3 749	768	3 139	2 230
$500 to $999	648	414	636	407	346	138
$1,000 to $2,999	227	278	223	273	99	40
$3,000 to $4,999	106	312	102	(D)	8	
$5,000 or more	39	599	37	(D)		

	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	Expenses ($1,000)	Farms	Expenses ($1,000)
Farms ..... number	938	(X)	630	(X)	13 681	(X)	7 477	(X)	988	(X)
dollars	(X)	342	(X)	757	(X)	1 583	(X)	8 807	(X)	306
Farms with expenses of—										
$1 to $99	438	18	94	5	9 138	290	1 539	70	226	11
$100 to $999	447	141	436	160	4 363	1 017	4 405	1 509	740	187
$1,000 to $1,999	20	26	37	48	147	180	749	1 008	13	16
$2,000 to $4,999	23	57	42	118	28	71	434	1 289	8	(D)
$5,000 or more	10	100	21	426	5	26	350	4 931	1	(D)

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

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

All Farms

	Total				Reporting storage capacity			
	Farms	Purchased (1,000 gallons)	Expenses ($1,000)	Price per gallon	Farms	Expenses ($1,000)	Storage capacity (1,000 gallons)	Average capacity
Gasoline	13 202	22 001	13 011	59.1	5 168	8 677	2 976	576
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	2 824	6 417	2 389	846
Diesel fuel	7 722	13 356	6 082	45.5	4 189	4 441	2 351	561
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	1 695	3 191	1 762	1 039
LP gas, butane, and propane	1 658	2 278	934	41.0	703	537	348	496
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	295	400	272	922
Fuel oil	938	756	342	45.2	179	139	144	807
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	72	115	127	1 763

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	1969
Hired farm labor ..... farms	6 466	5 529	4 271	6 176
workers	29 756	27 120	29 431	36 114
payroll, $1,000	35 054	33 593	20 906	16 684
Workers by number of days worked:				
150 days or more ..... farms	2 194	2 102	1 342	1 407
workers	5 617	5 433	3 524	3 159
Less than 150 days ..... farms	5 683	4 793	3 732	5 718
workers	24 139	21 687	25 907	32 955
Contract labor ..... farms	1 335	1 155	588	927
expenses, $1,000	3 057	2 967	1 421	1 792

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..	13 833	12 184	13 045	9 748	8 745	8 413
$1,000..	468 195	338 649	212 977	456 689	328 440	204 728
Average per farm ..dollars..	33 846	27 795	16 326	46 850	37 557	24 334
Farms by value of agricultural products sold:						
Less than $2,500 (see text) ..farms..	3 948	3 491	4 637	(X)	214	170
$1,000..	4 623	4 159	4 762	(X)	280	203
$2,500 to $4,999 ..farms..	2 126	1 662	1 920	2 126	1 662	1 920
$1,000..	7 641	6 030	7 015	7 641	6 030	7 015
$5,000 to $7,499 ..farms..	1 202	1 065	1 179	1 202	1 065	1 179
$1,000..	7 325	6 539	7 215	7 325	6 539	7 215
$7,500 to $9,999 ..farms..	801	781	802	801	781	802
$1,000..	6 964	6 788	6 943	6 964	6 788	6 943
$10,000 to $14,999 ..farms..	1 076	1 047	1 138	1 076	1 047	1 138
$1,000..	13 022	12 820	13 893	13 022	12 820	13 893
$15,000 to $19,999 ..farms..	703	656	729	703	656	729
$1,000..	12 069	11 324	12 581	12 069	11 324	12 581
$20,000 to $29,999 ..farms..	850	924	874	850	924	874
$1,000..	20 766	22 730	21 467	20 766	22 730	21 467
$30,000 to $39,999 ..farms..	587	556	469	587	556	469
$1,000..	20 309	19 114	16 037	20 309	19 114	16 037
$40,000 to $59,999 ..farms..	696	660	517	696	660	517
$1,000..	33 822	31 884	24 853	33 822	31 884	24 853
$60,000 to $79,999 ..farms..	446	349	220	446	349	220
$1,000..	30 617	24 046	15 051	30 617	24 046	15 051
$80,000 to $99,999 ..farms..	300	241	106	300	241	106
$1,000..	26 769	21 444	9 417	26 769	21 444	9 417
$100,000 or more ..farms..	961	590	289	961	590	289
$1,000..	277 384	165 440	70 052	277 384	165 440	70 052
$100,000 to $199,999 ..farms..	594	375	194	594	375	194
$1,000..	80 886	51 340	(NA)	80 886	51 340	(NA)
$200,000 to $499,999 ..farms..	280	162	71	280	162	71
$1,000..	83 226	46 491	(NA)	83 226	46 491	(NA)
$500,000 or more ..farms..	87	53	24	87	53	24
$1,000..	113 272	67 609	(NA)	113 272	67 609	(NA)
Abnormal farms ..farms..	137	162	165	(X)	(X)	(X)
$1,000..	6 882	6 329	3 690	(X)	(X)	(X)
Farm sales by commodity or commodity group:						
Crops, including nursery and greenhouse products ..farms..	6 742	7 218	7 892	5 103	5 452	5 207
$1,000..	102 608	94 887	38 557	99 873	91 454	35 753
Grains ..farms..	3 730	(NA)	(NA)	3 201	3 920	3 678
$1,000..	28 519	(NA)	(NA)	27 758	32 254	10 708
Commodity Credit Corporation loans ..farms..	360	(NA)	(NA)	341	(NA)	(NA)
$1,000..	1 503	(NA)	(NA)	1 496	(NA)	(NA)
Cotton and cottonseed ..farms..	–	(NA)	(NA)	–	–	–
$1,000..	–	(NA)	(NA)	–	–	–
Commodity Credit Corporation loans ..farms..	–	(NA)	(NA)	–	(NA)	(NA)
$1,000..	–	(NA)	(NA)	–	(NA)	(NA)
Tobacco ..farms..	–	(NA)	(NA)	–	–	–
$1,000..	–	(NA)	(NA)	–	–	–
Field seeds, hay, forage, and silage ..farms..	3 916	(NA)	(NA)	2 931	2 835	2 756
$1,000..	32 709	(NA)	(NA)	31 343	26 015	7 984
Vegetables, sweet corn, and melons ..farms..	519	(NA)	(NA)	413	395	514
$1,000..	7 089	(NA)	(NA)	6 961	4 843	3 168
Fruits, nuts, and berries ..farms..	679	(NA)	(NA)	391	395	374
$1,000..	9 558	(NA)	(NA)	9 175	6 275	3 101
Nursery and greenhouse products ..farms..	177	147	(NA)	150	117	65
$1,000..	14 231	6 093	(NA)	14 198	6 035	1 761
Other crops ..farms..	390	(NA)	(NA)	364	569	1 124
$1,000..	10 500	(NA)	(NA)	10 437	16 032	9 031
Livestock, poultry, and their products sold ..farms..	10 246	9 050	9 848	7 742	6 786	7 192
$1,000..	365 588	243 622	174 365	356 817	236 859	168 937
Poultry and poultry products ..farms..	473	458	(NA)	296	349	439
$1,000..	54 583	42 230	(NA)	53 846	41 729	23 803
Dairy products ..farms..	1 326	(NA)	(NA)	1 226	1 335	1 989
$1,000..	92 024	(NA)	(NA)	89 389	59 431	33 892
Cattle and calves ..farms..	8 140	(NA)	(NA)	6 493	5 928	(NA)
$1,000..	168 082	(NA)	(NA)	164 071	100 285	79 812
Sheep, lambs, and wool ..farms..	2 167	(NA)	(NA)	1 585	1 483	
$1,000..	30 886	(NA)	(NA)	30 329	25 632	
Hogs and pigs ..farms..	1 116	(NA)	(NA)	811	683	(NA)
$1,000..	5 172	(NA)	(NA)	4 714	3 283	31 430
Other livestock and livestock products (see text) ..farms..	1 513	(NA)	(NA)	1 054	655	
$1,000..	14 840	(NA)	(NA)	14 467	6 498	

[1] 1974 and 1969 data include sales of forest products.

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

	All farms		Farms with sales or $2,500 or more	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Direct sales ..farms..	1 272	(X)	800	(X)
$1,000..	(X)	3 546	(X)	3 185
Average per farm ..dollars..	(X)	2 787	(X)	3 982
Farms by value of direct sales:				
$1 to $99	92	5	46	2
$100 to $249	176	27	78	13
$250 to $499	206	74	109	39
$500 to $999	243	161	132	89
$1,000 to $4,999	429	924	312	735
$5,000 to $9,999	67	440	65	(D)
$10,000 to $19,999	33	432	33	432
$20,000 to $29,999	7	154	7	154
$30,000 or more	19	1 328	18	(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	1974	1969	1978	1974	1969
Total ..... farms	1 184	1 175	1 501	1 013	985	1 176
$1,000	2 597	2 663	2 137	2 404	2 398	1 857
Average per farm ..... dollars	2 194	2 266	1 424	2 373	2 435	1 579
Income from machine work, customwork, and other agricultural services:						
$1 to $249	259	(NA)	(NA)	186	214	260
$250 to $499	163	(NA)	(NA)	132	146	218
$500 to $999	194	(NA)	(NA)	178	182	210
$1,000 to $4,999	416	(NA)	(NA)	378	312	395
$5,000 to $9,999	105	(NA)	(NA)	93	75	71
$10,000 to $19,999	36	(NA)	(NA)	35		
$20,000 to $29,999	5	(NA)	(NA)	5	56	22
$30,000 or more	6	(NA)	(NA)	6		

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

All Farms

				Selected capital assets,[1] average per farm (dollars)		Value of sales ($1,000)			
	Farms	Land in farms (acres)	Harvested cropland (acres)	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	13 833	10 517 668	1 174 703	303 763	27 526	468 195	102 608	311 005	54 583
Crops (01)	4 756	1 343 888	514 158	271 447	26 195	94 288	87 169	7 098	21
Cash grains (011)	1 138	667 415	239 080	330 056	28 922	18 493	16 713	1 776	4
Wheat (0111)	510	524 707	178 502	429 475	37 543	10 883	10 031	848	4
Rice (0112)	–	–	–	–	–	–	–	–	–
Corn (0115)	66	9 722	5 392	245 230	21 115	882	803	79	–
Soybeans (0116)	–	–	–	–	–	–	–	–	–
Cash grains, n.e.c.[2] (0119)	562	132 986	55 186	249 720	21 942	6 727	5 879	849	–
Field crops, except cash grains (013)	2 097	465 167	194 747	248 020	26 426	35 143	32 958	2 174	11
Cotton (0131)	–	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–	–
Sugar crops (0133)	59	13 654	11 191	338 760	58 272	3 244	3 021	222	1
Irish potatoes (0134)	22	24 094	12 002	996 198	181 973	5 282	5 220	62	–
Field crops, except cash grains, n.e.c.[2] (0139)	2 016	427 419	171 554	240 919	24 520	26 617	24 718	1 890	9
Vegetables and melons (016)	191	21 444	8 712	251 482	25 794	5 913	5 797	116	1
Fruits and tree nuts (017)	617	40 856	15 034	202 674	18 253	10 033	9 557	471	4
Berry crops (0171)	11	699	181	341 600	20 200	88	86	2	–
Grapes (0172)	5	680	80	94 333	7 900	81	81	–	–
Tree nuts (0173)	1	8	6	65 000	1 500	3	3	1	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	431	36 841	13 625	242 388	23 744	9 742	9 282	456	3
Fruits and tree nuts, n.e.c.[2] (0179)	169	2 628	1 142	106 163	4 944	119	105	13	1
Horticultural specialties (018)	154	4 126	1 610	240 176	23 530	14 309	14 297	12	–
Ornamental floriculture and nursery products (0181)	131	3 440	1 467	250 776	25 012	8 974	8 965	8	–
Food crops grown under cover (0182)	22	671	133	168 094	13 453	5 330	5 327	4	–
Horticultural specialties, n.e.c.[2] (0189)	1	15	10	–	–	5	5	–	–
General farms, primarily crop (019)	559	144 880	54 975	323 762	28 978	10 397	7 847	2 549	1
Livestock (02)	9 077	9 173 780	660 545	320 191	28 199	373 908	15 439	303 907	54 562
Livestock, except dairy, poultry, and animal specialties (021)	6 907	7 262 895	489 300	304 085	23 391	194 659	11 256	183 359	44
Beef cattle feedlots (0211)	828	447 914	77 194	338 165	31 942	64 346	2 722	61 617	7
Beef cattle, except feedlots (0212)	4 534	4 291 705	328 139	278 744	22 935	92 053	6 538	85 488	27
Hogs (0213)	331	31 721	6 157	108 408	13 566	3 998	98	3 898	3
Sheep and goats (0214)	937	2 387 080	55 080	522 727	24 094	29 512	730	28 779	3
General livestock, except dairy, poultry, and animal specialties (0219)	277	104 475	22 730	164 627	17 846	4 750	1 169	3 577	4
Dairy (024)	1 105	331 736	144 924	410 531	63 174	104 324	2 558	101 760	6
Poultry and eggs (025)	156	41 891	7 937	199 441	41 225	55 488	332	1 004	54 153
Broiler, fryer, and roaster chickens (0251)	–	–	–	–	–	–	–	–	–
Chicken eggs (0252)	52	2 391	1 140	207 455	50 837	20 563	90	173	20 300
Turkey and turkey eggs (0253)	94	38 586	6 741	211 148	42 744	31 876	241	824	30 811
Poultry hatcheries (0254)	–	–	–	–	–	–	–	–	–
Poultry and eggs, n.e.c.[2] (0259)	10	914	56	124 962	10 336	3 049	–	6	3 042
Animal specialties (027)	677	68 187	5 835	139 234	13 302	14 478	139	14 333	6
Fur-bearing animals and rabbits (0271)	183	5 374	1 553	136 649	20 626	11 055	75	10 980	–
Horses and other equines (0272)	403	53 432	3 269	154 851	8 936	1 876	36	1 835	5
Animal specialties, n.e.c.[2] (0279)	91	9 381	1 013	75 806	22 292	1 547	28	1 519	–
General farms, primarily livestock (029)	232	1 469 071	12 549	1 079 422	48 378	4 958	1 153	3 451	354

[1] 1978 data are based on a sample of farms; see text.
[2] Not 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

	1978 Farms	1978 Value ($1,000)	1974 Farms	1974 Value ($1,000)
Estimated market value of all machinery and equipment ---- farms	13 772	(X)	11 638	(X)
$1,000	(X)	379 093	(X)	245 726
Average per farm ---- dollars	(X)	27 526	(X)	21 114
By value group:				
$1 to $999	138	76	72	37
$1,000 to $4,999	1 797	5 052	1 765	5 317
$5,000 to $9,999	3 982	26 719	2 421	16 943
$10,000 to $19,999	2 642	33 855	2 851	39 273
$20,000 to $29,999	1 508	34 416	1 901	45 585
$30,000 to $49,999	1 586	57 267	1 744	64 694
$50,000 to $69,999	789	43 240	457	25 348
$70,000 or more	1 330	178 468	427	48 530
$70,000 to $99,999	500	40 390	(NA)	(NA)
$100,000 to $199,999	611	78 175	(NA)	(NA)
$200,000 to $499,999	209	50 927	(NA)	(NA)
$500,000 or more	10	8 976	(NA)	(NA)

	1978 Total Forms	1978 Total Number	1978 Manufactured 1974 to 1978 Forms	1978 Manufactured 1974 to 1978 Number	1978 Manufactured prior to 1974 Forms	1978 Manufactured prior to 1974 Number	1974 Forms	1974 Number	1974 Number manufactured 1970 to 1974
Selected machinery and equipment:									
Automobiles	8 201	12 157	4 371	5 377	5 158	6 780	8 844	12 430	6 839
2 or 3	2 598	5 631	798	1 679	1 163	2 505	2 585	5 534	2 020
4 or more	270	1 193	35	160	81	361	173	810	238
Motortrucks, including pickups	11 976	22 723	5 575	7 297	9 269	15 426	10 470	19 451	6 931
2 or 3	4 419	10 157	972	2 172	3 102	6 915	3 982	8 968	2 170
4 or more	1 117	6 126	126	648	524	2 868	981	4 976	596
Wheel tractors	11 511	22 206	2 945	3 932	10 460	18 274	10 158	20 054	4 710
2 or 3	5 265	12 062	634	1 353	4 473	10 096	(NA)	(NA)	(NA)
4 or more	986	4 884	67	335	590	2 781	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	1 602	1 748	291	310	1 343	1 438	1 351	1 442	343
Cornpickers, corn heads, and picker-shellers	251	309	83	96	184	213	427	440	87
Corn heads for combines	171	186	58	61	119	125	192	196	55
Other cornpickers and picker-shellers	91	123	26	35	68	88	239	244	32
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	4 937	5 292	1 756	1 803	3 272	3 489	2 187	2 257	644
Pickup balers	6 446	7 171	1 942	2 151	4 692	5 020	5 678	5 957	1 829
Field forage harvesters, shear bar or flywheel type	1 754	1 909	607	648	1 174	1 261	1 429	1 560	553

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	Farms with sales of $2,500 or more, 1974
Agricultural chemicals, including commercial fertilizer and lime ---- farms	8 762	6 843	5 886
$1,000	16 661	15 898	11 369
Commercial fertilizer ---- farms	6 638	5 350	4 740
acres on which used	510 841	487 563	347 888
$1,000	11 985	11 444	8 987
Lime ---- farms	1	1	–
acres on which used	(D)	(D)	–
tons	(D)	(D)	–
Farms by tons used:			
1 to 49 tons	1	1	–
50 to 99 tons	–	–	–
100 to 199 tons	–	–	–
200 to 499 tons	–	–	–
500 to 999 tons	–	–	–
1,000 tons or more	–	–	–
Sprays, dusts, granules, fumigants, etc. to control:			
Insects on hay and other crops ---- farms	3 861	3 212	(NA)
acres on which used	272 246	261 429	197 593
Nematodes in crops ---- farms	255	234	155
acres on which used	8 200	7 882	5 651
Diseases in crops and orchards ---- farms	783	450	168
acres on which used	20 701	19 101	6 639
Weeds, grass, or brush in crops and pasture ---- farms	3 517	3 041	(NA)
acres on which used	281 497	269 965	171 546
Chemicals for:			
Defoliation or for growth control of crops or thinning of fruit ---- farms	223	171	85
acres on which used	13 497	13 155	3 195
Insect control on livestock and poultry ---- farms	2 948	2 450	766
Sanitation and rodent and bird control ---- farms	1 122	916	(NA)

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	11 655	9 701	10 282	8 355	7 281	7 055
Proportion of farms ..... percent	84.3	79.6	78.8	85.7	83.3	83.8
Irrigated land ..... acres	1 185 315	969 645	1 025 014	1 095 312	897 192	934 029
Average per farm ..... acres	102	100	996	131	123	1 323
Irrigated farms by acres irrigated:						
1 to 9 acres ..... farms	1 878	1 074	1 203	574	404	304
acres	9 207	(NA)	(NA)	2 735	2 038	1 547
10 to 49 acres ..... farms	4 525	3 797	3 847	2 811	2 289	1 883
acres	113 095	(NA)	(NA)	76 970	65 042	54 266
50 to 99 acres ..... farms	2 031	2 005	2 151	1 860	1 831	1 850
acres	143 749	(NA)	(NA)	132 517	129 401	132 003
100 to 199 acres ..... farms	1 689	1 554	1 746	1 624	1 520	1 709
acres	231 087	(NA)	(NA)	222 797	210 474	235 588
200 to 499 acres ..... farms	1 179	1 055	1 103	1 141	1 030	1 082
acres	350 429	(NA)	(NA)	339 032	298 786	309 369
500 to 999 acres ..... farms	264	157	178	258	150	175
acres	177 073	(NA)	(NA)	(D)	98 245	116 984
1,000 acres or more ..... farms	89	59	54	87	57	52
acres	160 675	(NA)	(NA)	(D)	93 206	84 272
Irrigated land use:						
Harvested cropland ..... farms	10 744	(NA)	(NA)	7 858	7 021	6 791
acres	849 731	(NA)	(NA)	795 103	707 678	678 872
Pastureland ..... farms	5 072	(NA)	(NA)	3 625	(NA)	(NA)
acres	317 005	(NA)	(NA)	285 209	180 892	248 688
Other land ..... farms	742	(NA)	(NA)	530	263	281
acres	18 579	(NA)	(NA)	15 000	8 622	6 469
Land in irrigated farms ..... acres	7 484 869	8 123 932	8 839 845	7 170 853	6 853 010	7 577 064
Cropland ..... acres	1 646 879	(NA)	(NA)	1 524 389	1 341 941	1 368 321
Harvested cropland ..... acres	1 004 578	898 643	857 858	945 692	846 636	791 970

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

		Irrigated farms		
	All farms	Any irrigated land	All harvested cropland irrigated	Nonirrigated farms
Farms ..... number	13 833	11 655	9 413	2 178
Land in farms ..... acres	10 517 668	7 484 869	5 483 098	3 032 799
Value of land and buildings:[1]				
Average per farm ..... dollars	303 763	301 679	300 695	315 294
Average per acre ..... dollars	400	472	516	221
Irrigated land ..... acres	1 185 315	1 185 315	1 038 047	(X)
Land in farms according to use:				
Total cropland ..... farms	12 671	11 455	9 413	1 216
acres	2 034 492	1 646 879	1 180 016	387 613
Harvested cropland ..... farms	11 663	10 825	9 413	838
acres	1 174 703	1 004 578	756 114	170 125
Total postureland, excluding woodland pastured ..... farms	9 201	8 143	6 253	1 058
acres	8 047 471	5 889 109	4 352 937	2 158 362
Inventory of livestock:				
Cattle and calves ..... farms	8 780	7 766	6 207	1 014
number	810 543	716 221	579 678	94 322
Milk cows ..... farms	2 646	2 436	1 971	210
number	78 784	71 633	58 214	7 151
Hogs and pigs ..... farms	1 563	1 328	1 069	235
number	48 850	34 424	28 126	14 426
Sheep and lambs ..... farms	2 202	1 930	1 539	272
number	621 399	513 214	389 003	108 185
Estimated market value of all machinery and equipment[1] ..... farms	13 772	11 672	9 380	2 100
$1,000	379 093	326 236	263 907	52 857
Average per farm ..... dollars	27 526	27 950	28 135	25 170
Market value of agricultural products sold $1,000	468 195	369 053	300 056	99 143
Average per farm ..... dollars	33 846	31 665	31 877	45 520
Crops, including nursery and greenhouse products ..... farms	6 742	6 132	5 200	610
$1,000	102 608	93 260	78 776	9 348
Livestock and livestock products ..... farms	10 107	8 571	6 700	1 536
$1,000	311 005	253 477	202 740	57 528
Poultry and poultry products ..... farms	473	373	284	100
$1,000	54 583	22 316	18 539	32 267
Selected farm production expenses:[1]				
Feed for livestock and poultry ..... farms	9 000	7 499	5 740	1 501
$1,000	102 865	68 587	54 399	34 278
Seed, bulbs, plants, and trees ..... farms	6 389	5 978	5 070	411
$1,000	7 169	6 885	5 779	285
Commercial fertilizer ..... farms	6 638	6 286	5 329	352
$1,000	11 985	11 049	9 317	937
Other agricultural chemicals, including lime ..... farms	6 594	6 049	5 069	545
$1,000	4 676	4 187	3 542	489
Energy and petroleum products ..... farms	13 712	11 626	9 346	2 086
$1,000	31 821	28 055	22 908	3 767
Hired farm labor ..... farms	6 466	5 542	4 460	924
$1,000	35 054	29 479	24 210	5 576
Contract labor ..... farms	1 335	1 178	1 001	157
$1,000	3 057	2 699	2 364	358

[1] 1978 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]	1978	11 116	(X)	399 994	10 246	(X)	365 588
	1974	9 430	(X)	175 688	9 050	(X)	243 622
	1969	(NA)	(X)	175 676	9 848	(X)	174 365
Value of poultry	1978	1 675	(X)	10 554	473	(X)	54 583
Value of livestock	1978	11 015	(X)	389 440	10 107	(X)	311 005
Cattle and calves	1978	8 780	810 543	329 799	8 140	471 540	168 082
	1974	8 087	839 849	136 516	7 547	431 649	(NA)
	1969	8 293	735 847	135 057	7 871	450 478	(NA)
Cows and heifers that had calved	1978	7 353	396 715	197 374	(NA)	(NA)	(NA)
	1974	6 739	413 076	84 449	(NA)	(NA)	(NA)
	1969	6 884	346 151	79 018	(NA)	(NA)	(NA)
Beef cows	1978	5 870	317 931	136 710	(NA)	(NA)	(NA)
	1974	5 246	335 417	60 375	(NA)	(NA)	(NA)
	1969	(NA)	275 854	57 929	(NA)	(NA)	(NA)
Milk cows	1978	2 646	78 784	60 664	(NA)	(NA)	(NA)
	1974	2 828	77 659	24 074	(NA)	(NA)	(NA)
	1969	3 501	70 297	21 089	(NA)	(NA)	(NA)
Hogs and pigs	1978	1 563	48 850	3 371	1 116	62 807	5 172
	1974	1 384	37 295	1 280	912	56 142	(NA)
	1969	1 554	39 200	1 163	1 158	59 787	(NA)
Feeder pigs sold	1978	(X)	(X)	(X)	330	12 626	389
	1974	(X)	(X)	(X)	324	8 475	(NA)
Sheep and lambs[2]	1978	2 202	621 399	52 198	2 082	483 989	30 886
	1974	2 336	759 261	29 423	2 098	721 597	(NA)
	1969	2 752	1 014 250	32 159	2 597	812 469	(NA)
Horses and ponies	1978	5 953	27 153	4 073	1 088	2 884	2 435
	1974	4 082	17 654	5 048	603	1 794	(NA)
	1969	5 406	23 561	5 351	773	2 020	(NA)
Chickens 3 months old or older	1978	1 440	2 298 463	4 964	111	951 855	(NA)
	1974	1 171	2 109 377	3 416	154	1 308 236	(NA)
	1969	1 224	1 515 087	1 871	243	682 547	(NA)
Hens and pullets of laying age	1978	1 412	2 166 660	4 767	107	901 739	(NA)
	1974	1 118	1 769 836	3 009	150	1 095 195	(NA)
	1969	1 159	1 268 159	1 649	228	607 223	(NA)
Broilers and other meat-type chickens	1978	297	11 551	9	36	2 623	(NA)
	1974	193	9 903	5	29	64 061	(NA)
	1969	39	214 749	75	38	1 502 660	(NA)
Turkeys	1978	172	894 551	5 581	106	3 063 670	(NA)

[1]Value of major poultry and livestock inventory items.
[2]Value of sales includes sheep, lambs, and wool sold.

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

		Inventory				Sales			
		All farms		Forms with sales of $2,500 or more		All farms		Forms with sales of $2,500 or more	
		Farms	Number	Farms	Number	Farms	Number	Farms	Number
Any poultry	1978	1 675	(X)	921	(X)	369	(X)	237	(X)
	1974	1 267	(X)	819	(X)	317	(X)	271	(X)
Chickens 3 months old or older	1978	1 440	2 298 463	808	2 246 624	111	951 855	70	938 227
	1974	1 171	2 109 377	739	2 052 170	154	1 308 236	113	1 277 263
Farms with—									
1 to 1,599	1978	1 409	40 724	780	25 964	84	10 748	46	8 020
1,600 to 3,199	1978	5	11 700	5	11 700	3	6 900	1	(D)
3,200 to 9,999	1978	7	50 859	6	(D)	7	39 330	6	(D)
10,000 or more	1978	19	2 195 180	17	(D)	17	894 877	17	894 877
Hens and pullets of laying age	1978	1 412	2 166 660	798	2 126 470	107	901 739	68	888 215
	1974	1 118	1 769 836	703	1 718 735	150	1 095 195	112	1 064 335
Forms with—									
1 to 99	1978	1 342	26 282	741	15 780	56	1 593	25	693
100 to 399	1978	31	4 570	23	3 355	13	1 823	10	1 303
400 to 1,599	1978	8	6 450	6	(D)	12	7 216	10	(D)
1,600 to 3,199	1978	5	11 100	5	11 100	3	6 900	1	(D)
3,200 to 9,999	1978	8	52 082	6	(D)	7	39 330	6	(D)
10,000 to 19,999	1978	5	69 500	4	(D)	4	46 000	4	46 000
20,000 to 49,999	1978	3	95 000	3	95 000	6	163 552	6	163 552
50,000 to 99,999	1978	3	190 000	3	190 000	3	231 325	3	231 325
100,000 or more	1978	7	1 711 676	7	1 711 676	3	404 000	3	404 000
Broilers and other meat-type chickens	1978	297	11 551	106	4 709	36	2 623	18	861
	1974	193	9 903	125	7 048	29	64 061	13	62 677
Turkeys	1978	172	894 551	92	893 929	106	3 063 670	99	3 033 037
	1974	(NA)	(NA)	82	575 683	(NA)	(NA)	134	4 040 677
For slaughter	1978	129	855 561	74	(D)	102	3 028 944	97	(D)
	1974	(NA)	(NA)	64	511 615	(NA)	(NA)	132	3 674 641
Hens kept for breeding	1978	77	38 990	34	(D)	7	34 726	5	(D)
	1974	(NA)	(NA)	34	64 068	(NA)	(NA)	8	366 036
Ducks, geese, and other poultry	1978	440	(X)	173	(X)	59	(X)	31	(X)
	1974	(NA)	(X)	72	(X)	(NA)	(X)	24	(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		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Forms with chickens 3 months old or older, inventory	1 440	2 298 463	1 412	2 166 660	185	131 803	57	333 690	244	6 720
1 to 99	1 365	28 499	1 338	26 037	159	2 462	40	622	236	5 735
100 to 399	36	5 650	35	4 815	8	835	1	(D)	5	275
400 to 1,599	8	6 575	8	(D)	1	(D)	2	(D)	2	(D)
1,600 to 3,199	5	11 700	5	(D)	1	(D)	1	(D)	1	(D)
3,200 to 9,999	7	50 859	7	44 059	4	6 800	4	7 250	–	–
10,000 to 19,999	3	36 029	3	(D)	1	(D)	2	(D)	–	–
20,000 to 49,999	5	125 500	5	93 500	5	32 000	–	–	–	–
50,000 to 99,999	4	282 500	4	235 000	4	47 500	2	(D)	–	–
100,000 or more	7	1 751 151	7	(D)	2	(D)	5	284 743	–	–
None	(X)	(X)	(X)	(X)	(X)	(X)	19	24 059	53	4 831

	Selected poultry sales, 1978—All farms									
	Chickens 3 months old or older						Broilers and other meat-type chickens		Value of poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Forms with chickens 3 months old or older, inventory	(NA)	825 615	93	825 575	3	40	21	1 981	319	20 556
1 to 99	(NA)	1 628	40	1 588	3	40	18	661	256	29
100 to 399	(NA)	1 346	14	1 346	–	–	2	(D)	24	25
400 to 1,599	(NA)	2 546	8	2 546	–	–	1	(D)	8	187
1,600 to 3,199	(NA)	2 842	5	2 842	–	–	–	–	5	104
3,200 to 9,999	(NA)	25 256	7	25 256	–	–	–	–	7	372
10,000 to 19,999	(NA)	21 900	3	21 900	–	–	–	–	3	315
20,000 to 49,999	(NA)	46 220	5	46 220	–	–	–	–	5	976
50,000 to 99,999	(NA)	111 000	4	111 000	–	–	–	–	4	2 318
100,000 or more	(NA)	612 877	7	612 877	–	–	–	–	7	16 230
None	(NA)	126 240	14	(D)	9	(D)	15	642	154	34 027

	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	111	951 855	107	(D)	12	(D)	36	2 623	–	–
1 to 1,999	85	(D)	82	(D)	11	116	36	2 623	–	–
2,000 to 3,999	3	8 500	3	8 500	–	–	–	–	–	–
4,000 to 7,999	5	26 330	5	26 330	–	–	–	–	–	–
8,000 to 15,999	4	39 500	4	39 500	–	–	–	–	–	–
16,000 to 29,999	6	139 552	6	139 552	–	–	–	–	–	–
30,000 to 59,999	2	(D)	1	(D)	1	(D)	–	–	–	–
60,000 to 99,999	3	231 325	3	231 325	–	–	–	–	–	–
100,000 or more	3	404 000	3	404 000	–	–	–	–	–	–

	Selected poultry sales, 1978—All farms—Con.					
	Turkeys		Turkeys for slaughter		Turkey hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Specified poultry sold	106	3 063 670	102	3 028 944	7	34 726
1 to 1,999	11	(D)	9	(D)	4	2 026
2,000 to 3,999	1	(D)	1	(D)	1	(D)
4,000 to 7,999	3	17 800	3	17 800	–	–
8,000 to 15,999	26	298 938	25	288 938	1	(D)
16,000 to 29,999	28	594 911	27	574 911	1	(D)
30,000 to 59,999	24	929 346	24	929 346	–	–
60,000 to 99,999	9	675 682	9	673 782	–	–
100,000 or more	4	543 700	4	541 000	–	–

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

		Inventory				Sales					
		All farms		Forms with sales of $2,500 or more		All farms			Forms with sales of $2,500 or more		
		Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Any livestock	1978	11 015	(X)	7 899	(X)	10 107	(X)	311 005	7 641	(X)	302 971
	1974	(NA)	(X)	6 772	(X)	8 905	(X)	201 393	6 659	(X)	195 129
Any cattle, hogs, or sheep	1978	9 773	(X)	7 198	(X)	9 363	(X)	204 140	7 201	(X)	199 114
	1974	8 839	(X)	6 449	(X)	8 493	(X)	(NA)	6 438	(X)	129 200
Cattle and calves	1978	8 780	810 543	6 552	774 272	8 140	471 540	168 082	6 493	457 211	164 071
	1974	8 087	839 849	6 004	785 516	7 547	431 649	(NA)	5 928	413 705	100 285
Forms with—											
1 to 9	1978	2 104	9 435	760	(D)	2 768	12 751	4 227	1 253	6 859	2 523
10 to 19	1978	1 281	17 305	738	10 370	1 591	21 376	6 928	1 505	20 399	6 785
20 to 49	1978	1 932	60 789	1 663	53 428	1 898	59 446	18 812	1 881	58 940	18 696
50 to 99	1978	1 366	95 727	1 334	93 642	969	65 654	21 196	955	64 683	20 885
100 to 199	1978	1 164	159 212	1 146	156 650	527	70 303	23 374	523	69 817	23 189
200 to 499	1978	668	196 155	653	191 882	276	80 488	26 658	267	77 720	25 758
500 to 999	1978	184	120 351	178	115 836	72	47 404	17 229	71	(D)	(D)
1,000 to 2,499	1978	63	84 666	63	84 666	27	40 331	14 991	26	(D)	(D)
2,500 or more	1978	18	66 903	17	(D)	12	73 787	34 667	12	73 787	34 667
Cows and heifers0036that had calved	1978	7 353	396 715	5 640	378 310	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	6 739	413 076	5 202	386 984	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	5 870	317 931	4 494	302 240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	5 246	335 417	3 953	312 076	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	2 646	78 784	2 065	76 070	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	2 828	77 659	2 285	74 908	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves	1978	6 605	205 859	5 206	196 903	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	4 667	190 819	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves	1978	7 250	207 969	5 597	199 059	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	4 995	207 713	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle fattened on grain and concentrates sold	1978	(X)	(X)	(X)	(X)	1 609	133 749	63 417	1 253	131 550	62 614
	1974	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	1 196	98 141	37 944
Forms with fattened cattle sold:											
1 to 9	1978	(X)	(X)	(X)	(X)	810	2 931	1 205	468	2 085	882
10 to 19	1978	(X)	(X)	(X)	(X)	264	3 409	1 404	263	(D)	(D)
20 to 49	1978	(X)	(X)	(X)	(X)	248	7 085	3 100	241	6 880	3 002
50 to 99	1978	(X)	(X)	(X)	(X)	121	8 008	3 384	118	7 811	3 313
100 to 199	1978	(X)	(X)	(X)	(X)	76	10 119	4 433	75	(D)	(D)
200 to 499	1978	(X)	(X)	(X)	(X)	45	13 419	6 186	44	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	30	19 124	8 974	29	(D)	(D)
1,000 to 2,499	1978	(X)	(X)	(X)	(X)	7	8 500	4 079	7	8 500	4 079
2,500 or more	1978	(X)	(X)	(X)	(X)	8	61 154	30 653	8	61 154	30 653
Cows and heifers that had calved	1978	7 353	396 715	5 640	378 310	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	6 739	413 076	5 202	386 984	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	5 870	317 931	4 494	302 240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Forms with—											
1 to 9	1978	1 951	8 009	928	4 140	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	995	13 301	754	10 371	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	1 330	40 765	1 247	38 553	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	788	53 411	773	52 367	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199	1978	457	59 391	453	58 880	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499	1978	276	77 809	268	75 748	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999	1978	60	38 149	59	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more	1978	13	27 096	12	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	2 646	78 784	2 065	76 070	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Forms with—											
1 or 2	1978	1 313	1 659	788	1 020	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4	1978	150	504	116	397	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9	1978	73	466	67	423	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	120	1 667	118	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	392	12 929	391	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	384	25 729	380	25 440	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 499	1978	210	32 630	201	31 049	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 or more	1978	4	3 200	4	3 200	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold	1978	(X)	(X)	(X)	(X)	6 614	320 319	131 975	5 430	313 178	129 412
Forms with—											
1 to 9	1978	(X)	(X)	(X)	(X)	2 950	12 449	4 732	1 804	8 839	3 523
10 to 19	1978	(X)	(X)	(X)	(X)	1 239	16 410	6 317	1 232	16 322	6 290
20 to 49	1978	(X)	(X)	(X)	(X)	1 335	39 952	15 337	1 322	39 526	15 142
50 to 99	1978	(X)	(X)	(X)	(X)	538	35 960	13 911	530	35 398	13 701
100 to 199	1978	(X)	(X)	(X)	(X)	301	39 433	15 532	298	38 999	15 326
200 to 499	1978	(X)	(X)	(X)	(X)	171	48 301	18 482	165	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	53	34 910	14 108	52	(D)	(D)
1,000 or more	1978	(X)	(X)	(X)	(X)	27	92 904	43 557	27	92 904	43 557
Calves sold	1978	(X)	(X)	(X)	(X)	4 311	151 221	36 107	3 501	144 033	34 659
Forms with—											
1 or 2	1978	(X)	(X)	(X)	(X)	545	825	176	248	381	82
3 or 4	1978	(X)	(X)	(X)	(X)	442	1 542	345	240	839	192
5 to 9	1978	(X)	(X)	(X)	(X)	692	4 588	1 030	466	3 151	724
10 to 19	1978	(X)	(X)	(X)	(X)	889	11 649	2 636	829	10 959	2 543
20 to 49	1978	(X)	(X)	(X)	(X)	999	29 770	6 606	984	29 341	6 561
50 to 99	1978	(X)	(X)	(X)	(X)	428	28 648	7 042	425	28 466	7 020
100 to 499	1978	(X)	(X)	(X)	(X)	292	51 838	12 435	286	(D)	(D)
500 or more	1978	(X)	(X)	(X)	(X)	24	22 361	5 839	23	(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	2 646	256 388	2 646	138 161	2 646	78 784	2 201	73 541	2 153	44 686
1 to 4 milk cows	1 463	87 523	1 463	46 253	1 463	2 163	1 083	20 496	1 171	20 774
5 to 9 milk cows	73	9 647	73	4 989	73	466	61	2 450	62	2 208
10 to 19 milk cows	120	5 759	120	2 857	120	1 667	111	1 766	94	1 136
20 to 29 milk cows	131	7 618	131	4 012	131	3 055	123	2 198	104	1 408
30 to 49 milk cows	261	22 110	261	11 950	261	9 874	248	6 566	220	3 594
50 to 99 milk cows	384	52 509	384	28 229	384	25 729	367	17 072	321	7 208
100 to 199 milk cows	161	40 536	161	22 341	161	20 009	160	13 258	139	4 937
200 to 499 milk cows	49	25 677	49	14 330	49	12 621	45	(D)	40	(D)
500 milk cows or more	4	5 009	4	3 200	4	3 200	3	(D)	2	(D)
No milk cows	6 134	554 155	4 707	258 554	(X)	(X)	4 404	132 318	5 097	163 283

	Sales, 1978—All farms								
	Cattle and calves			Cattle		Calves		Dairy products	
	Farms	Number	Sales ($1,000)	Farms	Number	Farms	Number	Farms	Sales ($1,000)
Farms with milk cow inventory	2 292	96 340	30 412	1 913	56 362	1 343	39 978	1 289	91 170
1 to 4 milk cows	1 112	42 578	13 667	860	22 829	661	19 749	160	220
5 to 9 milk cows	70	4 940	1 500	58	1 952	41	2 988	29	171
10 to 19 milk cows	120	2 918	970	102	2 306	64	612	110	1 407
20 to 29 milk cows	131	2 558	847	118	1 645	66	913	131	3 295
30 to 49 milk cows	261	6 788	2 144	231	4 121	148	2 667	261	10 682
50 to 99 milk cows	384	15 493	5 022	347	10 350	228	5 143	384	30 372
100 to 199 milk cows	161	10 489	3 057	147	6 587	99	3 902	161	24 656
200 to 499 milk cows	49	8 540	2 749	47	5 789	32	2 751	49	16 103
500 milk cows or more	4	2 036	456	3	783	4	1 253	4	4 265
No milk cows	5 848	375 200	137 671	4 701	263 957	2 968	111 243	37	854

	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	Number	Sales ($1,000)
Farms with cattle and calves inventory	8 780	810 543	7 353	396 715	6 605	205 859	7 250	207 969	7 784	455 609	162 521
1 to 9 cattle and calves	2 104	9 435	1 426	3 582	1 076	2 233	1 419	3 620	1 130	8 063	2 667
10 to 19 cattle and calves	1 281	17 305	1 048	7 780	905	3 990	1 020	5 535	1 274	11 590	3 595
20 to 49 cattle and calves	1 932	60 789	1 675	30 220	1 519	14 894	1 661	15 675	1 918	35 620	11 488
50 to 99 cattle and calves	1 366	95 727	1 243	51 116	1 188	23 720	1 233	20 891	1 366	48 052	15 369
100 to 199 cattle and calves	1 164	159 212	1 101	84 888	1 059	41 654	1 057	32 670	1 164	72 020	22 946
200 to 499 cattle and calves	668	196 155	622	102 082	613	52 046	608	42 027	668	96 650	33 018
500 to 999 cattle and calves	184	120 351	170	57 679	170	31 006	173	31 666	183	58 751	20 426
1,000 to 2,499 cattle and calves	63	84 666	57	35 342	60	21 413	62	27 911	63	46 969	17 127
2,500 cattle and calves or more	18	66 903	11	24 026	15	14 903	17	27 974	18	77 894	35 884
No cattle and calves	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	356	15 931	5 562
Farms with cows and heifers that had calved inventory	7 353	721 886	7 353	396 715	5 835	174 964	6 043	150 207	6 654	348 796	114 474
1 to 4 cows	1 612	14 238	1 612	3 416	1 022	4 971	1 122	5 851	950	9 192	3 014
5 to 9 cows	839	13 034	839	5 669	659	3 474	690	3 891	810	7 723	2 439
10 to 19 cows	1 084	29 568	1 084	14 554	842	7 516	873	7 498	1 077	15 648	5 013
20 to 29 cows	683	31 542	683	15 778	550	8 300	589	7 464	683	16 734	5 461
30 to 49 cows	943	65 942	943	35 336	789	16 918	802	13 688	943	30 432	9 782
50 to 99 cows	1 161	143 779	1 161	78 785	1 047	37 058	1 044	27 936	1 161	61 896	19 998
100 to 199 cows	620	142 349	620	80 016	562	35 065	560	27 268	620	66 998	21 014
200 to 499 cows	330	167 704	330	92 206	293	38 044	293	37 454	329	84 978	29 525
500 to 999 cows	67	72 265	67	42 659	59	14 784	58	14 822	67	35 238	12 162
1,000 cows or more	14	41 465	14	28 296	12	8 834	12	4 335	14	19 957	6 065
No cows	1 427	88 657	(X)	(X)	770	30 895	1 207	57 762	1 486	122 744	53 608
Farms with beef cow inventory	5 870	596 864	5 870	332 942	4 612	131 001	4 872	132 921	5 424	311 215	102 939
1 to 4 beef cows	1 150	11 308	1 150	4 315	762	3 314	785	3 679	731	6 583	2 166
5 to 9 beef cows	801	13 972	801	6 356	624	3 579	654	4 037	782	8 237	2 612
10 to 19 beef cows	995	30 523	995	14 933	768	7 643	813	7 947	988	16 242	5 228
20 to 29 beef cows	601	32 278	601	16 861	475	8 251	532	7 166	601	16 057	5 152
30 to 49 beef cows	729	52 231	729	28 486	587	12 005	629	11 740	729	26 666	8 553
50 to 99 beef cows	788	100 299	788	56 314	686	21 975	725	22 010	788	49 320	16 038
100 to 199 beef cows	457	106 756	457	60 540	404	22 912	421	23 304	457	58 132	18 460
200 to 499 beef cows	276	144 246	276	79 857	241	29 988	248	34 401	275	78 522	27 565
500 to 999 beef cows	60	65 987	60	38 184	54	13 494	54	14 309	60	32 459	11 311
1,000 beef cows or more	13	39 264	13	27 096	11	7 840	11	4 328	13	18 997	5 855
No beef cows	2 910	213 679	1 483	63 773	1 993	74 858	2 378	75 048	2 716	160 325	65 144

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

	Sales, 1978—All farms											
	Cattle and calves			Cattle						Calves		
							Fattened on grain and concentrates					
	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Farms with sales of cattle and calves	8 140	471 540	168 082	6 614	320 319	131 975	1 609	133 749	63 417	4 311	151 221	36 107
1 to 4 cattle and calves	1 443	3 718	1 291	1 127	2 663	1 043	347	741	311	511	1 055	248
5 to 9 cattle and calves	1 325	9 033	2 936	1 067	5 926	2 233	258	1 289	529	639	3 107	703
10 to 19 cattle and calves	1 591	21 376	6 928	1 225	12 642	4 905	270	2 510	1 025	893	8 734	2 023
20 to 49 cattle and calves	1 898	59 446	18 812	1 538	34 371	13 081	314	6 011	2 618	1 150	25 075	5 730
50 to 99 cattle and calves	969	65 654	21 196	830	37 220	14 509	178	7 999	3 375	617	28 434	6 687
100 to 199 cattle and calves	527	70 303	23 374	465	41 509	16 515	110	9 527	4 278	316	28 794	6 859
200 to 499 cattle and calves	276	80 488	26 658	256	52 014	19 675	81	15 756	7 081	143	28 474	6 982
500 cattle and calves or more	111	161 522	66 887	106	133 974	60 013	51	89 916	44 200	42	27 548	6 874
500 to 999 cattle and calves	72	47 404	17 229	68	35 723	14 819	32	18 337	8 446	26	11 681	2 411
1,000 cattle and calves or more	39	114 118	49 658	38	98 251	45 194	19	71 579	35 754	16	15 867	4 463
Farms with beef cow inventory	5 424	311 215	102 939	4 326	184 399	71 154	1 076	55 178	24 844	3 095	126 816	31 785
1 to 4 beef cows	731	6 583	2 166	609	3 859	1 503	190	1 084	467	308	2 724	664
5 to 9 beef cows	782	8 237	2 612	645	5 949	2 085	145	904	390	375	2 288	527
10 to 19 beef cows	988	16 242	5 228	747	9 977	3 674	187	2 839	1 195	566	6 265	1 554
20 to 29 beef cows	601	16 057	5 152	466	10 232	3 839	113	2 452	972	364	5 825	1 313
30 to 49 beef cows	729	26 666	8 553	553	14 868	5 713	146	3 968	1 750	469	11 798	2 841
50 to 99 beef cows	788	49 320	16 038	618	27 375	10 638	132	7 819	3 454	508	21 945	5 400
100 to 199 beef cows	457	58 132	18 460	383	33 682	12 403	81	7 622	3 264	296	24 450	6 057
200 to 499 beef cows	275	78 522	27 565	240	52 667	21 158	64	21 615	10 123	166	25 855	6 407
500 to 999 beef cows	60	32 459	11 311	54	20 228	8 159	16	(D)	(D)	32	12 231	3 152
1,000 beef cows or more	13	18 997	5 855	11	5 562	1 983	2	(D)	(D)	11	13 435	3 872
No beef cows	2 716	160 325	65 144	2 288	135 920	60 821	533	78 571	38 572	1 216	24 405	4 323

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	1 563	48 850	1 000	43 235	1 116	62 807	5 172	811	56 133	4 714
	1974	1 384	37 295	952	32 003	912	56 142	(NA)	683	49 759	3 283
Farms with—											
1 to 24	1978	1 283	8 131	738	5 180	725	6 313	466	447	4 114	329
	1974	1 173	7 332	777	5 470	599	5 959	(NA)	413	4 322	233
25 to 49	1978	117	3 930	106	3 533	157	5 208	370	143	4 743	353
	1974	99	3 275	71	2 408	152	5 220	(NA)	124	4 332	238
50 to 99	1978	61	4 017	59	(D)	122	8 076	551	115	(D)	(D)
	1974	54	3 562	51	3 372	70	4 919	(NA)	61	4 387	234
100 to 199	1978	45	5 848	44	(D)	43	5 677	428	41	(D)	(D)
	1974	28	3 779	27	(D)	40	5 443	(NA)	39	(D)	337
200 to 499	1978	38	11 609	35	10 232	45	14 242	1 235	45	14 242	1 235
	1974	19	5 568	17	(D)	31	9 065	(NA)	28	7 989	484
500 or more	1978	19	15 315	18	(D)	24	23 291	2 121	20	19 886	1 831
	1974	11	13 779	9	(D)	20	25 536	(NA)	18	(D)	1 758
500 to 999	1978	14	8 665	13	(D)	14	9 218	882	11	7 013	677
1,000 to 1,999	1978	5	6 650	5	6 650	9	(D)	(D)	8	(D)	(D)
2,000 to 4,999	1978	–	–	–	–	1	(D)	(D)	1	(D)	(D)
5,000 or more	1978	–	–	–	–	–	–	–	–	–	–
Hogs and pigs used or to be used for breeding	1978	862	7 288	598	6 184	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	504	3 675	(X)	(X)	(X)	(X)	(X)	(X)
Other hogs and pigs	1978	1 375	41 562	884	37 051	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	877	28 328	(X)	(X)	(X)	(X)	(X)	(X)
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	330	12 626	389	229	10 726	338
	1974	(X)	(X)	(X)	(X)	324	8 475	(NA)	225	6 694	118
Litters of pigs farrowed between—											
Dec. 1 of preceding year and Nov. 30	1978	892	9 189	618	8 122	(X)	(X)	(X)	(X)	(X)	(X)
	1974	760	7 140	574	6 037	(X)	(X)	(X)	(X)	(X)	(X)
Dec. 1 of preceding year and May 31	1978	741	4 780	517	4 173	(X)	(X)	(X)	(X)	(X)	(X)
	1974	575	3 574	463	3 055	(X)	(X)	(X)	(X)	(X)	(X)
June 1 and Nov. 30	1978	629	4 409	472	3 949	(X)	(X)	(X)	(X)	(X)	(X)
	1974	592	3 566	450	2 982	(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)
Forms with hogs and pigs inventory	1 563	48 850	862	7 288	1 375	41 562	1 032	61 759	5 092	325	12 576	388
1 to 9 hogs and pigs	958	3 411	401	896	787	2 515	434	5 506	355	144	2 052	63
10 to 24 hogs and pigs	325	4 720	233	1 072	309	3 648	318	7 547	504	97	2 886	82
25 to 99 hogs and pigs	178	7 947	143	1 255	177	6 692	178	9 519	701	58	2 774	82
100 to 199 hogs and pigs	45	5 848	43	990	45	4 858	45	7 723	615	15	2 282	74
200 to 499 hogs and pigs	38	11 609	29	1 521	38	10 088	38	14 833	1 330	8	2 337	76
500 to 999 hogs and pigs	14	8 665	8	699	14	7 966	14	8 531	798	1	(D)	(D)
1,000 hogs and pigs or more	5	6 650	5	855	5	5 795	5	8 100	789	2	(D)	(D)
No hogs and pigs	(X)	(X)	(X)	(X)	(X)	(X)	84	1 048	80	5	50	1
Forms with hogs and pigs sold	1 032	47 218	740	7 071	913	40 147	1 116	62 807	5 172	330	12 626	389
1 to 9 hogs and pigs	408	3 505	238	554	367	2 951	462	2 154	157	97	501	16
10 to 49 hogs and pigs	393	8 197	296	1 468	336	6 729	420	9 367	679	139	2 436	74
50 to 99 hogs and pigs	120	5 933	110	1 146	104	4 787	122	8 076	551	51	2 585	77
100 to 199 hogs and pigs	42	3 548	40	551	39	2 997	43	5 677	428	19	1 688	47
200 to 499 hogs and pigs	45	10 186	35	1 241	44	8 945	45	14 242	1 235	18	2 601	82
500 to 999 hogs and pigs	14	6 255	11	766	13	5 489	14	9 218	882	2	(D)	(D)
1,000 hogs and pigs or more	10	9 594	10	1 345	10	8 249	10	14 073	1 240	4	(D)	(D)
No hogs and pigs	531	1 632	122	217	462	1 415	(X)	(X)	(X)	(X)	(X)	(X)
Forms by litters farrowed	881	39 383	862	7 288	693	32 095	769	55 041	4 474	330	12 626	389
1 litter	248	1 489	238	441	184	1 048	173	1 259	85	60	352	11
2 to 4 litters	332	3 817	326	1 040	242	2 777	295	5 633	388	134	1 761	54
5 to 9 litters	121	2 996	121	645	100	2 351	121	5 056	333	64	2 025	58
10 to 19 litters	88	4 714	87	1 035	82	3 679	88	6 367	422	32	2 125	65
20 to 49 litters	61	8 393	59	1 465	54	6 928	61	12 343	1 020	30	2 988	89
50 to 99 litters	14	4 453	14	712	14	3 741	14	4 895	431	5	1 140	36
100 to 199 litters	11	6 637	11	978	11	5 659	11	10 935	956	3	(D)	(D)
200 litters or more	6	6 884	6	972	6	5 912	6	8 553	838	2	(D)	(D)
No litters	682	9 467	–	–	682	9 467	347	7 766	697	–	–	–

	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
Forms by litters farrowed—	892	9 189	741	4 780	629	4 409
1 litter	255	255	161	161	94	94
2 to 4 litters	336	933	295	528	260	405
5 to 9 litters	121	773	111	416	107	357
10 to 19 litters	88	1 108	84	564	79	544
20 to 49 litters	61	1 891	59	963	59	928
50 to 99 litters	14	942	14	505	13	437
100 to 199 litters	11	1 596	11	820	11	776
200 litters or more	6	1 691	6	823	6	868

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	2 202	2 336	1 582	1 526
... number	621 399	759 261	607 322	732 669
Ewes 1 year old or older ... farms	2 074	(NA)	1 506	1 452
... number	441 959	(NA)	432 677	522 208
Sheep and lambs sold ... farms	2 082	2 098	1 546	1 460
... number	483 989	721 597	475 705	702 420
Sheep and lambs shorn ... farms	2 027	(NA)	1 498	1 349
... number	536 531	(NA)	526 070	640 655
... pounds of wool	5 379 403	(NA)	5 280 379	6 404 214
Value of sales from sheep, lambs, and wool ... farms	2 167	(NA)	1 585	1 483
... $1,000	30 886	(NA)	30 329	25 632

	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	Sales ($1,000)
Farms with sheep and lambs inventory	2 202	621 399	2 074	441 959	2 016	462 845	1 996	524 331	5 290 049	2 101	29 895
1 to 24 sheep and lambs	910	10 039	821	6 978	736	9 806	742	8 707	85 230	814	604
25 to 99 sheep and lambs	652	31 373	631	21 756	640	29 822	631	26 883	265 761	647	1 959
100 to 299 sheep and lambs	307	48 726	300	33 282	307	39 030	300	39 403	391 704	307	2 624
300 to 999 sheep and lambs	162	86 445	158	58 189	162	58 231	158	70 569	677 843	162	3 997
1,000 to 2,499 sheep and lambs	106	157 465	101	115 276	106	126 048	101	136 858	1 377 133	106	7 769
2,500 to 4,999 sheep and lambs	51	168 837	49	123 081	51	114 292	50	148 140	1 525 569	51	7 491
5,000 sheep and lambs or more	14	118 514	14	83 397	14	85 616	14	93 771	966 809	14	5 451
No sheep and lambs	(X)	(X)	(X)	(X)	66	21 144	31	12 200	89 354	66	991
Farms with ewes 1 year old or older inventory	2 074	604 506	2 074	441 959	1 939	439 218	1 976	514 244	5 264 183	2 016	28 578
1 to 24 ewes	1 024	16 683	1 024	10 476	889	13 651	926	13 742	133 367	966	893
25 to 99 ewes	565	44 568	565	27 648	565	39 053	565	36 532	366 836	565	2 608
100 to 199 ewes	165	38 109	165	21 772	165	31 927	165	31 687	294 004	165	2 024
200 to 499 ewes	124	56 350	124	36 993	124	36 263	124	46 091	454 255	124	2 557
500 to 999 ewes	71	63 824	71	48 192	71	52 479	71	53 203	524 160	71	3 334
1,000 to 2,499 ewes	86	178 504	86	135 297	86	116 719	86	154 470	1 607 071	86	7 394
2,500 to 4,999 ewes	30	119 599	30	96 624	30	84 034	30	109 988	1 180 100	30	5 656
5,000 ewes or more	9	86 869	9	64 957	9	65 092	9	68 531	704 390	9	4 112
No ewes	128	16 893	(X)	(X)	143	44 771	51	22 287	115 220	151	2 308

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

	Inventory			Sales		
		Farms with sales of $2,500 or more			Farms with sales of $2,500 or more	
	All farms, 1978	1978	1974	All farms, 1978	1978	1974
Horses and ponies ..... farms	5 953	4 324	2 829	1 088	755	442
number	27 153	20 471	13 294	2 884	2 181	1 466
$1,000	(X)	(X)	(X)	2 435	2 135	847
Mules, burros, and donkeys ..... farms	158	120	50	13	5	5
number	256	189	97	22	7	10
$1,000	(X)	(X)	(X)	4	3	1
Mink and their pelts ..... farms	175	171	154	179	175	159
number	169 304	168 859	173 486	375 664	375 442	248 092
$1,000	(X)	(X)	(X)	10 731	10 725	4 341
Colonies of bees ..... farms	237	140	45	15	13	1
number	30 766	28 284	21 665	4 734	(D)	(D)
$1,000	(X)	(X)	(X)	227	(D)	(D)
Honey sold (pounds) ..... farms	(X)	(X)	(X)	164	100	41
number	(X)	(X)	(X)	1 233 928	1 149 062	1 255 182
$1,000	(X)	(X)	(X)	620	576	658
Goats ..... farms	124	56	16	38	9	5
number	1 158	765	153	229	138	55
$1,000	(X)	(X)	(X)	11	9	3
Angora goats ..... farms	8	1	–	–	–	–
number	15	(D)	–	–	–	–
$1,000	(X)	(X)	(X)	–	–	–
Mohair sold (pounds) ..... farms	(X)	(X)	(X)	8	1	–
number	(X)	(X)	(X)	120	(D)	–
$1,000	(X)	(X)	(X)	1	(D)	–
Milk goats ..... farms	73	36	9	24	7	5
number	844	666	84	188	118	(D)
$1,000	(X)	(X)	(X)	10	(D)	(D)
Goats milk sold (gallons) ..... farms	(X)	(X)	(X)	6	4	3
number	(X)	(X)	(X)	13 848	(D)	2 200
$1,000	(X)	(X)	(X)	24	(D)	5
Other goats ..... farms	54	29	11	15	3	1
number	299	97	69	41	20	(D)
$1,000	(X)	(X)	(X)	1	(D)	(D)
Rabbits and their pelts ..... farms	108	32	20	34	9	5
number	1 591	744	1 196	4 801	3 148	1 069
$1,000	(X)	(X)	(X)	15	11	3
Chinchillas and their pelts ..... farms	7	5	3	8	6	3
number	957	(D)	850	769	(D)	120
$1,000	(X)	(X)	(X)	21	(D)	5
Worms (see text) ..... farms	2	–	(NA)	2	–	(NA)
number	(D)	–	(NA)	(D)	–	(NA)
$1,000	(X)	(X)	(X)	(D)	–	(NA)
All other livestock ..... farms	12	7	92	9	5	9
$1,000	(X)	(X)	(X)	74	70	47
Other livestock products ..... farms	(X)	(X)	(X)	7	5	(NA)
$1,000	(X)	(X)	(X)	20	(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	16	657	9	560 233	8	(D)	8	260 233	302	7	3 120	5	12	47
Tropical and bait fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other fish	1	(D)	1	(D)	–	–	1	(D)	(D)	–	–	–	1	(D)
Other aquacultural products	–	–	–	(X)	–	(X)	–	(X)	(NA)	–	(X)	(NA)	–	–
FARMS WITH SALES OF $2,500 OR MORE														
Catfish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trout	8	653	6	556 733	3	(D)	5	256 733	300	2	(D)	(D)	7	45
Tropical and bait fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other fish	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other aquacultural products	–	–	–	(X)	–	(X)	–	(X)	(NA)	–	(X)	(NA)	–	–

Table 25. **Crops Harvested: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
					Irrigated land					Irrigated land	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	2 367	78 602	(X)	2 367	78 602	2 132	74 736	(X)	2 132	74 736
	1974	2 710	73 332	(X)	(NA)	(NA)	2 405	69 578	(X)	2 389	69 121
For grain or seed (bushels)	1978	513	14 693	1 194 596	513	14 693	446	14 052	1 154 862	446	14 052
	1974	497	10 056	787 005	(NA)	(NA)	413	9 503	752 634	406	9 400
For silage or green chop (tons, green)	1978	2 010	63 888	1 040 928	2 010	63 888	1 841	(D)	995 299	1 841	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 068	58 469	969 810	2 067	58 327
For fodder, hogged or grazed	1978	5	21	(X)	5	21	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	82	1 606	(X)	69	1 394
Sorghums for all purposes	1978	71	1 382	(X)	70	1 378	61	1 287	(X)	61	1 287
	1974	96	1 857	(X)	(NA)	(NA)	60	1 411	(X)	53	1 271
For grain or seed (bushels)	1978	30	603	32 647	30	603	26	564	30 713	26	564
	1974	27	510	36 017	(NA)	(NA)	18	410	29 297	18	410
For silage or green chop (tons, green)	1978	37	709	6 554	37	709	33	674	(D)	33	674
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	41	741	10 031	34	601
Cut for dry forage or hay (tons, dry)	1978	5	(D)	180	4	(D)	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	250	864	7	250
Hogged or grazed	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	2 090	254 603	6 689 017	1 312	36 775	1 852	251 098	6 590 140	1 161	35 722
	1974	3 623	264 168	6 377 354	(NA)	(NA)	3 041	256 578	6 184 670	2 039	53 546
Oats for grain (bushels)	1978	1 219	14 889	793 687	1 141	13 486	969	13 104	713 706	912	11 902
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	836	9 988	533 805	722	7 912
Barley for grain (bushels)	1978	4 387	146 520	9 120 661	4 013	125 869	3 782	139 539	8 758 852	3 474	119 632
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3 682	114 693	6 020 011	3 229	92 403
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	251	(D)	8	106
Other small grains for grain	1978	8	158	(X)	7	58	6	(D)	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	77	1 848	(X)	71	1 611
Soybeans for beans (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	165	5 812	1 324 387	165	5 812	133	5 770	1 317 495	133	5 770
	1974	229	4 444	841 782	(NA)	(NA)	171	4 392	834 380	168	4 383
Sweetpotatoes (bushels)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	4	12	(D)	(NA)	(NA)	3	(D)	1 405	2	(D)
Hay crops (tons, dry) (see text)	1978	9 808	633 511	1 780 972	9 083	555 807	7 349	588 136	1 681 173	6 831	515 882
	1974	8 853	550 926	1 537 290	(NA)	(NA)	6 658	507 494	1 433 343	5 969	437 877
Alfalfa hay (tons, dry)	1978	8 892	466 513	1 487 978	8 300	415 977	6 710	431 301	1 403 629	6 279	384 577
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6 104	377 763	1 194 267	5 478	327 684
Other tame dry hay (tons, dry) (see text)	1978	944	37 523	84 932	823	30 242	740	34 140	79 035	647	27 231
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	49 310	97 191	(NA)	44 255
Field seed crops	1978	199	19 195	(X)	157	15 287	190	19 028	(X)	150	15 146
	1974	(NA)	(NA)	(X)	(NA)	(NA)	280	18 384	(X)	203	13 891
Alfalfa seed (pounds)	1978	195	18 393	4 073 579	155	15 183	186	18 226	4 062 579	148	15 042
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	265	16 966	4 164 453	190	13 133
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	659	296 660	9	599
All vegetables harvested for sale (see text)	1978	519	9 393	(X)	519	9 393	413	9 135	(X)	413	9 135
	1974	508	8 449	(X)	(NA)	(NA)	406	8 113	(X)	399	7 881
Sweet corn	1978	292	2 835	(X)	292	2 835	223	2 729	(X)	223	2 729
	1974	(NA)	(NA)	(X)	(NA)	(NA)	188	2 253	(X)	182	2 205
Tomatoes	1978	121	344	(X)	121	344	97	326	(X)	97	326
	1974	(NA)	(NA)	(X)	(NA)	(NA)	112	333	(X)	111	331
Green peas excluding cowpeas	1978	28	558	(X)	28	558	27	(D)	(X)	27	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	73	1 273	(X)	73	1 204
Land in orchards	1978	1 071	11 593	(X)	1 012	11 094	498	9 174	(X)	468	8 865
	1974	828	11 515	(X)	(NA)	(NA)	446	9 871	(X)	394	8 998
Apples (pounds)	1978	655	3 669	24 842 172	(NA)	(NA)	311	2 937	23 306 757	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	308	3 732	27 203 844	(NA)	(NA)
Peaches (pounds)	1978	583	2 315	6 832 963	(NA)	(NA)	277	1 867	6 365 489	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	253	1 737	9 052 014	(NA)	(NA)
Grapes (pounds) (see text)	1978	134	171	467 121	(NA)	(NA)	53	111	426 668	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	26	56	310 000	(NA)	(NA)
Berries	1978	77	131	(X)	77	131	45	122	(X)	45	122
	1974	51	124	(X)	(NA)	(NA)	26	112	(X)	26	112
Strawberries (pounds)	1978	13	16	64 446	13	16	9	16	63 336	9	16
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	35	185 108	7	35
Nursery and greenhouse products	1978	177	1 043	(X)	124	997	150	1 035	(X)	109	991
Other crops	1978	309	21 302	(X)	(NA)	(NA)	301	21 218	(X)	(NA)	(NA)

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

All Farms

	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	513	14 693	81.3	–	–	–	–	–	–	–
Corn for silage or green chop (tons, green)	2 010	63 888	16.3	–	–	–	–	–	–	–
Sorghums for grain or seed (bushels)	30	603	54.1	–	–	–	–	–	–	–
Wheat for grain (bushels)	1 180	31 756	55.3	132	5 019	23 168	25.7	778	194 660	21.6
Oats for grain (bushels)	1 137	13 425	56.2	4	61	29	30.4	78	1 374	26.9
Barley for grain (bushels)	3 870	121 509	67.5	143	4 360	3 835	46.7	374	16 816	32.1
Rice (100-lb bags)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	1	(D)	(D)	–	–	–	–	–	–	–
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry field and seed beans (100-lb bags)	5	127	4.3	1	(D)	(D)	(D)	28	6 737	3.2
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight)	165	5 812	227.9	–	–	–	–	–	–	–
Sugar beets for sugar for sugar (tons)	257	13 177	18.2	–	–	–	–	–	–	–
	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	7 800	397 811	3.4	500	18 166	21 285	2.4	592	29 251	1.9
Small grain hay (tons, dry)	1 002	18 492	2.0	16	286	530	1.5	102	4 777	1.3
Other tame dry hay (see text) (tons, dry)	804	29 700	2.2	19	542	310	1.3	121	6 971	2.8
Wild hay (tons, dry)	925	74 031	1.4	37	1 867	995	1.3	258	12 490	1.3
Grass silage and haylage (tons, green)	201	11 222	8.0	6	454	175	12.0	15	651	2.0
Hay crops cut and fed green (tons, green)	94	3 228	5.3	2	(D)	11	(D)	11	258	2.8
Alfalfa seed (pounds)	146	14 763	245.8	9	420	526	199.6	40	2 684	95.6
All vegetables harvested for sale (see text)	519	9 393	(X)	–	–	–	(X)	–	–	(X)
Land in orchards	1 004	11 023	(X)	8	72	40	(X)	59	458	(X)
Strawberries (pounds)	13	16	3953.7	–	–	–	–	–	–	–

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

All Farms

	1978				1974			
	Farms	Acres	Quantity	Value of production ($1,000)	Farms	Acres	Quantity	Value of production ($1,000)
Harvested cropland	11 663	1 174 703	(X)	194 171	10 692	1 089 243	(X)	177 414
Corn for grain or seed (bushels)	513	14 693	1 194 596	3 166	497	10 056	787 005	2 873
Corn for silage or green chop or fodder or hogged or grazed	2 015	63 909	(X)	16 655	2 365	63 276	(X)	15 671
Sorghums for grain or seed (bushels)	30	603	32 647	73	27	510	36 017	108
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed	43	779	(X)	99	75	1 347	(X)	208
Wheat for grain (bushels)	2 090	254 603	6 689 017	20 067	3 623	264 168	6 377 354	25 214
Other small grains for grain	(NA)	(D)	(X)	19 523	(NA)	(NA)	(X)	18 817
Soybeans for beans (bushels)	1	(D)	(D)	(Z)	2	(D)	(D)	5
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–
Cotton (bales)	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight)	165	5 812	1 324 387	4 900	229	4 444	841 782	3 199
Sweetpotatoes (bushels)	2	(D)	(D)	(Z)	4	(D)	(D)	6
Hay crops (tons, dry) (see text)	9 808	633 511	1 780 972	88 967	8 853	550 926	1 537 290	69 602
All vegetables harvested for sale (see text)	519	9 393	(X)	7 089	508	8 449	(X)	5 360
Land in orchards	1 071	11 593	(X)	10 485	828	11 515	(X)	7 880
Berries	77	131	(X)	117	51	124	(X)	107
Other crops (including nursery and greenhouse products)	(NA)	41 540	(X)	23 030	(NA)	(NA)	(X)	28 366

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

	All farms					Forms with sales of $2,500 or more				
				Irrigated land					Irrigated land	
	Forms	Acres	Quantity	Forms	Acres	Forms	Acres	Quantity	Forms	Acres
Corn for all purposes:										
Acres harvested	2 367	78 602	(X)	2 367	78 602	2 132	74 736	(X)	2 132	74 736
1 to 14 acres	949	7 380	(X)	949	7 380	761	6 225	(X)	761	6 225
15 to 24 acres	439	8 211	(X)	439	8 211	427	7 990	(X)	427	7 990
25 to 49 acres	536	18 270	(X)	536	18 270	521	17 744	(X)	521	17 744
50 to 99 acres	297	19 340	(X)	297	19 340	286	18 622	(X)	286	18 622
100 to 249 acres	121	15 190	(X)	121	15 190	113	(D)	(X)	113	(D)
250 to 499 acres	19	6 336	(X)	19	6 336	18	(D)	(X)	18	(D)
500 to 999 acres	6	3 875	(X)	6	3 875	6	3 875	(X)	6	3 875
1,000 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
For grain or seed (bushels):										
Acres harvested	513	14 693	1 194 596	513	14 693	446	14 052	1 154 862	446	14 052
1 to 14 acres	274	1 926	152 713	274	1 926	214	1 624	134 880	214	1 624
15 to 24 acres	88	1 663	134 377	88	1 663	86	(D)	(D)	86	(D)
25 to 49 acres	86	2 933	261 879	86	2 933	83	2 808	252 112	83	2 808
50 to 99 acres	40	2 666	210 734	40	2 666	39	(D)	(D)	39	(D)
100 to 249 acres	18	(D)	(D)	18	(D)	17	(D)	(D)	17	(D)
250 to 499 acres	5	1 725	132 357	5	1 725	5	1 725	132 357	5	1 725
500 to 999 acres	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Wheat for grain (bushels):										
Acres harvested	2 090	254 603	6 689 017	1 312	36 775	1 852	251 098	6 590 140	1 161	35 722
1 to 14 acres	814	5 470	269 827	719	4 684	642	4 550	236 643	587	4 080
15 to 24 acres	258	4 836	229 556	188	3 484	232	4 379	214 904	177	3 288
25 to 49 acres	299	10 178	420 877	184	5 638	269	9 199	397 959	178	5 491
50 to 99 acres	236	16 127	608 640	115	6 430	228	15 560	594 050	114	(D)
100 to 249 acres	217	34 142	950 615	66	6 361	216	(D)	(D)	65	(D)
250 to 499 acres	130	44 876	977 084	20	3 203	129	(D)	(D)	20	3 203
500 to 999 acres	79	54 628	1 220 621	12	2 997	79	54 628	1 220 621	12	2 997
1,000 acres or more	57	84 346	2 011 797	8	3 978	57	84 346	2 011 797	8	3 978
Oats for grain (bushels):										
Acres harvested	1 219	14 889	793 687	1 141	13 486	969	13 104	713 706	912	11 902
1 to 14 acres	916	5 553	319 836	863	5 219	692	4 378	260 520	656	4 139
15 to 24 acres	182	3 249	167 167	170	3 019	163	2 901	153 951	152	2 697
25 to 49 acres	80	2 686	145 812	72	2 420	74	(D)	(D)	69	(D)
50 to 99 acres	31	2 011	112 677	29	1 870	30	(D)	(D)	28	(D)
100 to 249 acres	10	1 390	48 195	7	958	10	1 390	48 195	7	958
250 to 499 acres	–	–	–	–	–	–	–	–	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Barley for grain (bushels):										
Acres harvested	4 387	146 520	9 120 661	4 013	125 869	3 782	139 539	8 758 852	3 474	119 632
1 to 14 acres	1 918	14 288	850 840	1 759	12 947	1 422	11 247	700 061	1 322	10 314
15 to 24 acres	828	15 453	919 472	759	13 913	764	14 266	866 967	699	12 873
25 to 49 acres	861	29 408	1 907 237	792	26 529	834	28 477	1 865 875	768	25 737
50 to 99 acres	509	33 765	2 178 681	469	30 059	498	32 975	2 126 392	458	29 319
100 to 249 acres	227	31 595	1 905 995	199	25 926	220	30 563	1 841 121	192	24 894
250 to 499 acres	30	9 720	522 781	25	7 644	30	9 720	522 781	25	7 644
500 to 999 acres	8	4 831	341 115	6	3 391	8	4 831	341 115	6	3 391
1,000 acres or more	6	7 460	494 540	4	5 460	6	7 460	494 540	4	5 460
Irish potatoes (hundredweight):										
Acres harvested	165	5 812	1 324 387	165	5 812	133	5 770	1 317 495	133	5 770
0.1 to 0.9 acres	42	15	2 416	42	15	23	10	1 475	23	10
1.0 to 2.9 acres	43	60	9 449	43	60	34	46	6 534	34	46
3.0 to 9.9 acres	32	164	25 815	32	164	28	142	22 779	28	142
10.0 to 24.9 acres	17	272	46 175	17	272	17	272	46 175	17	272
25.0 to 49.9 acres	13	427	89 042	13	427	13	427	89 042	13	427
50.0 to 99.9 acres	9	658	134 690	9	658	9	658	134 690	9	658
100.0 to 249.9 acres	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
250.0 to 499.9 acres	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
500.0 acres or more	4	2 980	734 800	4	2 980	4	2 980	734 800	4	2 980
Sugar beets for sugar (tons):										
Acres harvested	257	13 177	240 325	257	13 177	251	13 104	238 980	251	13 104
1 to 14 acres	63	572	10 547	63	572	59	541	10 077	59	541
15 to 24 acres	63	1 199	22 626	63	1 199	62	(D)	(D)	62	(D)
25 to 49 acres	61	2 123	39 653	61	2 123	60	(D)	(D)	60	(D)
50 to 99 acres	42	2 868	53 564	42	2 868	42	2 868	53 564	42	2 868
100 to 249 acres	22	3 317	58 925	22	3 317	22	3 317	58 925	22	3 317
250 to 499 acres	3	1 128	24 660	3	1 128	3	1 128	24 660	3	1 128
500 to 999 acres	3	1 970	30 350	3	1 970	3	1 970	30 350	3	1 970
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Hay crops (tons, dry) (see text):										
Acres harvested	9 808	633 511	1 780 972	9 083	555 807	7 349	588 136	1 681 173	6 831	515 882
1 to 14 acres	2 763	21 764	64 859	2 557	19 896	1 229	10 482	35 671	1 144	9 689
15 to 24 acres	1 565	29 272	81 874	1 451	26 380	1 029	19 509	62 737	959	17 692
25 to 49 acres	2 017	69 428	201 017	1 827	60 377	1 738	60 428	186 489	1 580	53 054
50 to 99 acres	1 702	114 404	342 337	1 600	101 220	1 628	109 660	332 417	1 535	97 523
100 to 249 acres	1 349	195 884	570 578	1 262	169 857	1 321	191 889	559 112	1 235	166 438
250 to 499 acres	300	97 501	257 740	280	85 504	295	95 746	252 372	275	83 749
500 to 999 acres	82	51 774	140 970	77	47 699	80	(D)	(D)	75	(D)
1,000 acres or more	30	53 484	121 597	29	44 874	29	(D)	(D)	28	(D)
Alfalfa hay (tons, dry):										
Acres harvested	8 892	466 513	1 487 978	8 300	415 977	6 710	431 301	1 403 629	6 279	384 577
1 to 14 acres	2 777	21 922	68 773	2 605	20 255	1 305	11 190	40 117	1 233	10 489
15 to 24 acres	1 516	28 195	84 901	1 420	25 894	1 081	20 373	68 859	1 015	18 772
25 to 49 acres	1 845	63 056	196 238	1 692	56 267	1 652	56 871	185 405	1 521	51 144
50 to 99 acres	1 464	96 947	317 080	1 375	87 017	1 408	93 402	308 068	1 327	84 159
100 to 249 acres	1 035	145 833	467 613	972	127 644	1 014	142 713	457 220	952	124 921
250 to 499 acres	192	61 156	183 277	174	51 891	189	60 143	180 299	171	50 878
500 to 999 acres	48	29 047	100 900	47	27 402	47	(D)	(D)	46	(D)
1,000 acres or more	15	20 357	69 196	15	19 607	14	(D)	(D)	14	(D)

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

	All farms					Farms with sales of $2,500 or more				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
All vegetables harvested for sale (see text):										
Acres harvested	519	9 393	(X)	519	9 393	413	9 135	(X)	413	9 135
0.1 to 0.9 acres	51	23	(X)	51	23	21	10	(X)	21	10
1.0 to 4.9 acres	177	398	(X)	177	398	110	272	(X)	110	272
5.0 to 14.9 acres	124	1 088	(X)	124	1 088	117	1 025	(X)	117	1 025
15.0 to 24.9 acres	52	1 030	(X)	52	1 030	51	(D)	(X)	51	(D)
25.0 to 49.9 acres	67	2 256	(X)	67	2 256	66	(D)	(X)	66	(D)
50.0 to 99.9 acres	35	2 267	(X)	35	2 267	35	2 267	(X)	35	2 267
100.0 to 249.9 acres	10	1 505	(X)	10	1 505	10	1 505	(X)	10	1 505
250.0 to 499.9 acres	3	827	(X)	3	827	3	827	(X)	3	827
500.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
Land in orchards:										
Acres in orchards	1 071	11 593	(X)	1 012	11 094	498	9 174	(X)	468	8 865
0.1 to 0.9 acres	106	50	(X)	100	48	35	15	(X)	32	14
1.0 to 4.9 acres	536	1 250	(X)	504	1 167	169	370	(X)	152	328
5.0 to 14.9 acres	259	1 940	(X)	247	1 838	152	1 209	(X)	148	1 175
15.0 to 24.9 acres	82	1 533	(X)	75	1 378	67	1 271	(X)	62	1 149
25.0 to 49.9 acres	49	1 664	(X)	48	1 616	38	1 292	(X)	38	1 292
50.0 to 99.9 acres	24	(D)	(X)	24	(D)	22	(D)	(X)	22	(D)
100.0 to 249.9 acres	10	1 681	(X)	9	1 571	10	1 681	(X)	9	1 571
250.0 to 499.9 acres	4	1 322	(X)	4	1 322	4	1 322	(X)	4	1 322
500.0 acres or more	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)

	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	655	3 669	359 161	275	83 661	601	275 500	375	24 842 172
0.1 to 0.9 acres	248	86	5 375	105	1 316	217	4 059	97	213 519
1.0 to 4.9 acres	246	503	33 629	89	5 599	227	28 030	146	1 956 897
5.0 to 14.9 acres	108	884	68 391	44	9 100	106	59 291	83	4 180 938
15.0 to 24.9 acres	20	355	40 530	15	14 910	18	25 620	17	2 437 792
25.0 to 49.9 acres	21	749	77 712	13	23 482	21	54 230	20	6 989 194
50.0 to 99.9 acres	8	514	63 932	5	13 186	8	50 746	8	4 734 000
100.0 acres or more	4	578	69 592	4	16 068	4	53 524	4	4 329 832

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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
FARMS AND LAND IN FARMS									
Farms	number	13 696	8 828	4 097	771	9 748	5 687	3 517	544
	percent	100.0	64.4	29.9	5.6	71.1	41.5	25.6	3.9
Land in farms	acres	8 983 213	3 211 316	5 570 339	201 558	8 679 520	2 992 844	5 499 270	187 406
Average size of farm	acres	656	364	1 360	261	890	526	1 564	344
Value of land and buildings[1]	farms	13 696	8 895	4 011	790	9 879	5 892	3 413	574
	$1,000	3 954 770	1 698 943	2 084 277	171 550	3 534 282	1 407 323	1 989 248	137 711
Average per farm	dollars	288 753	190 999	519 640	217 152	357 757	238 853	582 844	239 915
Average per acre	dollars	440	513	380	892	406	453	367	755
Farms by value of land and buildings:									
$1 to $19,999		741	627	45	69	356	294	21	41
$20,000 to $39,999		1 133	1 009	46	78	601	538	19	44
$40,000 to $69,999		2 005	1 677	212	116	1 094	895	126	73
$70,000 to $99,999		1 562	1 084	348	130	948	630	240	78
$100,000 to $149,999		1 877	1 298	534	45	1 277	842	396	39
$150,000 to $199,999		1 318	865	375	78	1 053	681	308	64
$200,000 to $499,999		3 314	1 701	1 415	198	2 870	1 409	1 284	177
$500,000 to $999,999		1 081	437	597	47	1 040	414	587	39
$1,000,000 or more		665	197	439	29	640	189	432	19
Owned and rented land by operator:									
Land owned	forms	12 949	8 828	4 097	24	9 222	5 687	3 517	18
	acres	6 507 815	3 405 264	3 094 620	7 931	6 203 619	3 135 043	3 061 975	6 601
Land rented or leased from others	forms	4 901	33	4 097	771	4 085	24	3 517	544
	acres	2 752 597	14 677	2 528 425	209 495	2 696 497	14 322	2 487 173	195 002
Land rented or leased to others	forms	1 064	820	202	42	729	524	171	34
	acres	277 199	208 625	52 706	15 868	220 596	156 521	49 878	14 197
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	12 588	7 942	3 974	672	9 049	5 154	3 410	485
	acres	2 005 540	911 225	1 005 460	88 855	1 878 746	815 254	979 275	84 217
Harvested cropland	farms	11 584	7 197	3 761	626	8 529	4 803	3 269	457
	acres	1 157 643	505 360	594 931	57 352	1 111 201	470 997	585 587	54 617
Farms by acres harvested:									
1 to 49 acres		6 572	4 829	1 367	376	3 612	2 490	907	215
50 to 99 acres		2 014	1 117	776	121	1 933	1 072	747	114
100 to 199 acres		1 564	693	805	66	1 551	684	802	65
200 to 499 acres		1 067	434	588	45	1 066	433	588	45
500 to 999 acres		244	80	155	9	244	80	155	9
1,000 to 1,999 acres		103	38	58	7	103	38	58	7
2,000 acres or more		20	6	12	2	20	6	12	2
Cropland:									
Pasture or grazing only	forms	6 103	3 739	2 106	258	4 345	2 418	1 758	169
	acres	479 934	247 745	219 785	12 404	422 484	204 603	206 572	11 309
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	forms	509	283	200	26	412	215	177	20
	acres	22 264	11 906	9 466	892	19 255	9 393	8 993	869
On which all crops failed	forms	672	369	267	36	491	233	232	26
	acres	25 118	12 726	11 140	1 252	21 797	10 451	10 411	935
In cultivated summer fallow	forms	1 410	764	595	51	1 185	587	550	48
	acres	224 777	83 150	128 329	13 298	220 172	79 325	127 580	13 267
Idle	forms	1 851	1 162	603	86	1 399	795	539	65
	acres	95 804	50 338	41 809	3 657	83 837	40 485	40 132	3 220
Total woodland	forms	505	306	177	22	385	208	160	17
	acres	215 523	85 922	127 871	1 730	200 148	77 446	121 108	1 594
Woodland pastured	forms	309	169	128	12	252	128	114	10
	acres	167 831	62 087	104 473	1 271	157 571	58 506	97 845	1 220
Woodland not pastured	forms	238	159	69	10	170	99	64	7
	acres	47 692	23 835	23 398	459	42 577	18 940	23 263	374
Pastureland and rangeland other than cropland and woodland pastured	forms	4 498	2 582	1 744	172	3 703	1 959	1 614	130
	acres	6 538 424	2 097 915	4 335 014	105 495	6 399 328	2 001 580	4 301 378	96 370
Land in house lots, ponds, roads, wasteland, etc.	forms	7 238	4 818	2 181	239	5 041	3 029	1 843	169
	acres	223 726	116 254	101 994	5 478	201 298	98 564	97 509	5 225
Pastureland, all types	forms	9 164	5 558	3 208	398	6 788	3 755	2 762	271
	acres	7 186 189	2 407 747	4 659 272	119 170	6 979 383	2 264 689	4 605 795	108 899
Irrigated land	forms	11 578	7 205	3 751	622	8 355	4 684	3 232	439
	acres	1 158 911	527 922	582 175	48 814	1 095 312	480 322	569 057	45 933
Harvested cropland irrigated	forms	10 669	6 564	3 529	576	7 858	4 376	3 067	415
	acres	833 715	376 071	419 185	38 459	795 103	347 335	411 531	36 237
Pastureland irrigated	forms	5 044	2 998	1 818	228	3 625	1 941	1 539	145
	acres	307 006	142 773	154 312	9 921	285 209	126 504	149 438	9 267
Other land irrigated	forms	734	409	297	28	530	246	258	26
	acres	18 190	9 078	8 678	434	15 000	6 483	8 088	429
Land set aside in the federal farm programs in 1978	forms	1 352	677	610	65	1 249	598	595	56
	acres	49 876	19 713	27 108	3 055	48 226	18 299	26 981	2 946
RACE AND TENURE OF OPERATOR									
All operators	number	13 696	8 828	4 097	771	9 748	5 687	3 517	544
Full owners	number	8 828	8 828	–	–	5 687	5 687	–	–
Part owners	number	4 097	–	4 097	–	3 517	–	3 517	–
Tenants	number	771	–	–	771	544	–	–	544
White	number	13 559	8 766	4 039	754	9 637	5 648	3 460	529
Full owners	number	8 766	8 766	–	–	5 648	5 648	–	–
Part owners	number	4 039	–	4 039	–	3 460	–	3 460	–
Tenants	number	754	–	–	754	529	–	–	529
Black and other races	number	137	62	58	17	111	39	57	15
Full owners	number	62	62	–	–	39	39	–	–
Part owners	number	58	–	58	–	57	–	57	–
Tenants	number	17	–	–	17	15	–	–	15

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 BY TYPE OF ORGANIZATION								
Individual or family ... forms	11 633	7 688	3 297	648	7 966	4 770	2 759	437
... acres	4 956 822	1 813 383	3 001 384	142 055	4 699 014	1 620 327	2 945 263	133 424
Partnership ... forms	1 423	736	581	106	1 201	568	543	90
... acres	2 043 247	461 213	1 532 725	49 309	2 006 468	443 233	1 519 447	43 788
Corporations:								
Family held ... forms	441	251	182	8	419	232	179	8
... acres	1 800 201	832 035	960 210	7 956	1 793 340	826 707	958 677	7 956
More than 10 stockholders ... forms	20	13	7	–	19	12	7	–
10 or less stockholders ... forms	421	238	175	8	400	220	172	8
Other than family held ... forms	38	32	4	2	37	31	4	2
... acres	80 129	60 572	(D)	(D)	80 125	60 568	(D)	(D)
More than 10 stockholders ... forms	6	3	2	1	6	3	2	1
10 or less stockholders ... forms	32	29	2	1	31	28	2	1
Other—cooperative, estate or trust, etc. ... forms	161	121	33	7	125	86	32	7
... acres	102 814	44 113	(D)	(D)	100 573	42 009	(D)	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	8 857	5 639	2 926	292	6 250	3 538	2 516	196
Not on farm operated	3 537	2 251	875	411	2 551	1 505	748	298
Operators by age group:								
Under 25 years	266	136	44	86	192	103	27	62
25 to 34 years	1 393	663	484	246	976	410	400	166
35 to 44 years	2 731	1 677	899	155	1 801	945	750	106
45 to 54 years	3 609	2 338	1 145	126	2 629	1 546	993	90
55 to 64 years	3 192	2 150	952	90	2 376	1 458	852	66
65 years and over	2 505	1 864	573	68	1 774	1 225	495	54
Average age	51.3	52.8	49.9	40.8	51.5	53.2	50.3	41.4
Operators by sex:								
Male	13 322	8 526	4 045	751	9 538	5 524	3 480	534
Female	374	302	52	20	210	163	37	10
Operators of Spanish origin	50	31	13	6	35	20	11	4
Operators by principal occupation:								
Farming	6 097	3 430	2 336	331	5 382	2 861	2 244	277
Other	7 599	5 398	1 761	440	4 366	2 826	1 273	267
Operators reporting days of work off farm:								
None	4 396	2 664	1 557	175	3 706	2 072	1 487	147
1 to 99 days	1 268	707	467	94	999	479	436	84
100 to 199 days	1 472	926	456	90	1 110	633	404	73
200 days or more	6 034	4 189	1 451	394	3 478	2 223	1 033	222
FARMS BY SIZE								
1 to 9 acres	1 841	1 596	118	127	698	605	42	51
10 to 49 acres	3 562	2 659	648	255	1 774	1 277	356	141
50 to 69 acres	909	601	243	65	677	419	206	52
70 to 99 acres	1 042	697	281	64	838	546	233	59
100 to 139 acres	958	576	339	43	807	458	309	40
140 to 179 acres	791	480	273	38	666	375	258	33
180 to 219 acres	503	278	197	28	445	240	179	26
220 to 259 acres	418	230	172	16	379	201	163	15
260 to 499 acres	1 388	690	650	48	1 269	599	624	46
500 to 999 acres	937	470	424	43	883	438	405	40
1,000 to 1,999 acres	597	292	283	22	575	278	277	20
2,000 acres or more	750	259	469	22	737	251	465	21
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	1 126	689	332	105	847	472	289	86
Field crop, except cash grain farms (013)	2 072	1 436	493	143	1 354	838	411	105
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 072	1 436	493	143	1 354	838	411	105
Vegetable and melon farms (016)	189	86	73	30	147	61	65	21
Fruit and tree nut farms (017)	613	508	66	39	287	228	45	14
Horticultural specialty farms (018)	154	125	19	10	130	102	18	10
General farms, primarily crop (019)	554	314	190	50	307	135	149	23
Livestock farms, except dairy, poultry, and animal specialty (021)	6 885	4 439	2 140	306	4 980	2 938	1 829	213
Beef cattle farms, except feedlots (0212)	4 521	2 943	1 388	190	3 395	2 047	1 213	135
Dairy farms (024)	1 094	484	570	40	1 059	454	566	39
Poultry and egg farms (025)	153	107	36	10	131	90	32	9
Animal specialty farms (027)	676	513	128	35	420	324	75	21
General farms, primarily livestock (029)	180	127	50	3	86	45	38	3
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	13 696	8 828	4 097	771	9 748	5 687	3 517	544
... $1,000	461 313	223 575	213 216	24 522	456 689	219 925	212 480	24 284
Farms by value of agricultural products sold:								
$500,000 or more	87	43	38	6	87	43	38	6
$200,000 to $499,999	280	98	172	10	280	98	172	10
$100,000 to $199,999	594	230	338	26	594	230	338	26
$40,000 to $99,999	1 442	658	721	63	1 442	658	721	63
$20,000 to $39,999	1 437	748	607	82	1 437	748	607	82
$10,000 to $19,999	1 779	1 029	638	112	1 779	1 029	638	112
$5,000 to $9,999	2 003	1 333	553	117	2 003	1 333	553	117
$2,500 to $4,999	2 126	1 548	450	128	2 126	1 548	450	128
Less than $2,500	3 948	3 141	580	227	(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 ... farms	3 696	2 034	1 416	246	3 201	1 649	1 332	220
$1,000	28 169	11 626	13 969	2 574	27 758	11 307	13 902	2 550
Sales of $40,000 or more ... farms	117	38	63	16	117	38	63	16
$1,000	9 948	3 194	5 434	1 319	9 948	3 194	5 434	1 319
Commodity Credit Corporation loans ... farms	360	167	172	21	341	155	166	20
$1,000	1 503	619	799	86	1 496	614	797	85
Cotton and cottonseed ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	3 869	2 454	1 160	255	2 931	1 684	1 036	211
$1,000	32 331	16 740	13 762	1 828	31 343	15 920	13 644	1 779
Sales of $40,000 or more ... farms	142	66	67	9	142	66	67	9
$1,000	12 802	5 772	6 381	649	12 802	5 772	6 381	649
Vegetables, sweet corn, and melons ... farms	512	221	228	63	413	149	211	53
$1,000	7 019	1 312	4 654	1 053	6 961	1 281	4 642	1 038
Sales of $40,000 or more ... farms	41	6	32	3	41	6	32	3
$1,000	4 119	554	2 914	650	4 119	554	2 914	650
Fruits, nuts, and berries ... farms	673	546	103	24	391	288	82	21
$1,000	9 394	5 969	3 068	357	9 175	5 772	3 048	355
Sales of $40,000 or more ... farms	44	32	10	2	44	32	10	2
$1,000	6 200	3 672	(D)	(D)	6 200	3 672	(D)	(D)
Nursery and greenhouse products ... farms	177	137	25	15	150	112	23	15
$1,000	14 231	11 215	1 526	1 490	14 198	11 184	1 524	1 490
Sales of $40,000 or more ... farms	40	31	6	3	40	31	6	3
$1,000	12 873	10 176	1 357	1 340	12 873	10 176	1 357	1 340
Other crops ... farms	381	144	205	32	364	131	201	32
$1,000	10 445	2 799	6 292	1 354	10 437	2 792	6 290	1 354
Sales of $40,000 or more ... farms	48	12	33	3	48	12	33	3
$1,000	7 143	1 807	4 259	1 077	7 143	1 807	4 259	1 077
Poultry and poultry products ... farms	467	340	112	15	296	201	83	12
$1,000	53 874	38 982	11 635	3 258	53 846	38 960	11 628	3 258
Sales of $40,000 or more ... farms	115	76	31	8	115	76	31	8
$1,000	53 475	38 696	11 548	3 232	53 475	38 696	11 548	3 232
Dairy products ... farms	1 312	590	674	48	1 226	526	654	46
$1,000	89 443	32 921	53 936	2 585	89 389	32 882	53 924	2 584
Sales of $40,000 or more ... farms	728	262	443	23	728	262	443	23
$1,000	80 495	28 304	50 048	2 143	80 495	28 304	50 048	2 143
Cattle and calves ... farms	8 097	4 822	2 935	340	6 493	3 569	2 661	263
$1,000	165 919	74 867	82 664	8 388	164 071	73 443	82 332	8 297
Sales of $40,000 or more ... farms	707	287	399	21	707	287	399	21
$1,000	110 260	46 324	57 628	6 308	110 260	46 324	57 628	6 308
Hogs and pigs ... farms	1 110	703	352	55	811	473	306	32
$1,000	4 879	3 026	1 679	174	4 714	2 900	1 658	155
Sales of $40,000 or more ... farms	27	19	8	–	27	19	8	–
$1,000	2 185	1 508	677	–	2 185	1 508	677	–
Sheep, lambs, and wool ... farms	2 164	1 285	773	106	1 585	842	661	82
$1,000	30 775	12 090	17 634	1 051	30 329	11 741	17 554	1 034
Sales of $40,000 or more ... farms	191	64	118	9	191	64	118	9
$1,000	23 218	8 241	14 351	626	23 218	8 241	14 351	626
Other livestock and livestock products (see text) ... farms	1 508	1 001	442	65	1 054	652	357	45
$1,000	14 835	12 027	2 398	410	14 467	11 744	2 334	389
Sales of $40,000 or more ... farms	105	84	17	4	105	84	17	4
$1,000	10 461	8 667	1 584	210	10 461	8 667	1 584	210
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... farms	5 841	3 450	2 045	346	4 458	2 387	1 808	263
$1,000	74 355	34 750	34 457	5 147	73 371	34 005	34 277	5 089
Farms with expenses of—								
$1 to $4,999	4 385	2 755	1 368	262	3 023	1 713	1 131	179
$5,000 to $19,999	837	425	347	65	816	404	347	65
$20,000 to $49,999	374	178	181	15	374	178	181	15
$50,000 or more	245	92	149	4	245	92	149	4
Feed for livestock and poultry ... farms	8 956	5 526	3 014	416	6 738	3 840	2 608	290
$1,000	101 111	54 262	40 825	6 025	99 873	53 274	40 615	5 983
Farms with expenses of—								
$1 to $4,999	6 765	4 459	1 996	310	4 567	2 792	1 591	184
$5,000 to $19,999	1 256	636	569	51	1 236	617	568	51
$20,000 to $49,999	560	281	249	30	560	281	249	30
$50,000 or more	375	150	200	25	375	150	200	25
Commercially mixed formula feeds ... farms	3 308	1 915	1 238	155	2 598	1 368	1 110	120
tons	392 147	227 755	143 584	20 808	389 857	225 996	143 068	20 792
$1,000	55 673	32 357	20 325	2 990	55 357	32 106	20 263	2 989
Farms by tons purchased:								
1 to 99 tons	2 708	1 657	917	134	1 998	1 110	789	99
100 to 499 tons	450	177	264	9	450	177	264	9
500 tons or more	150	81	57	12	150	81	57	12
Farms with expenses of—								
$1 to $4,999	2 268	1 459	701	108	1 566	920	573	73
$5,000 to $19,999	628	273	327	28	620	265	327	28
$20,000 to $49,999	218	92	120	6	218	92	120	6
$50,000 or more	194	91	90	13	194	91	90	13

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ..... farms	8 393	5 039	2 937	417	6 600	3 676	2 599	325
$1,000	3 663	1 751	1 789	123	3 492	1 623	1 754	115
Farms with expenses of—								
$1 to $499	6 694	4 276	2 075	343	4 926	2 938	1 737	251
$500 to $999	851	409	383	59	839	397	383	59
$1,000 to $2,999	648	277	359	12	639	268	359	12
$3,000 or more	200	77	120	3	196	73	120	3
Seeds, bulbs, plants, and trees ..... farms	6 333	3 651	2 336	346	5 132	2 750	2 104	278
$1,000	7 071	3 081	3 350	640	6 841	2 913	3 303	624
Farms with expenses of—								
$1 to $999	4 837	3 044	1 514	279	3 657	2 163	1 283	211
$1,000 to $4,999	1 315	536	727	52	1 295	517	726	52
$5,000 to $9,999	117	39	69	9	116	38	69	9
$10,000 or more	64	32	26	6	64	32	26	6
Commercial fertilizer ..... farms	6 584	3 855	2 379	350	5 350	2 883	2 168	299
$1,000	11 753	4 435	6 307	1 011	11 444	4 207	6 239	997
Farms with expenses of—								
$1 to $2,499	5 449	3 488	1 674	287	4 216	2 516	1 464	236
$2,500 to $9,999	963	313	601	49	962	313	600	49
$10,000 to $19,999	112	39	70	3	112	39	70	3
$20,000 or more	60	15	34	11	60	15	34	11
Other agricultural chemicals including lime ..... farms	6 538	3 905	2 273	360	5 328	2 963	2 078	287
$1,000	4 581	1 923	2 334	324	4 454	1 818	2 317	318
Farms with expenses of—								
$1 to $2,499	6 149	3 766	2 050	333	4 939	2 824	1 855	260
$2,500 to $9,999	334	122	191	21	334	122	191	21
$10,000 to $19,999	39	11	25	3	39	11	25	3
$20,000 or more	16	6	7	3	16	6	7	3
Energy and petroleum products ..... forms	13 587	8 808	3 998	781	9 847	5 860	3 413	574
$1,000	31 412	15 926	14 130	1 355	30 377	15 124	13 945	1 308
Farms with expenses of—								
$1 to $2,499	10 412	7 305	2 436	671	6 677	4 362	1 851	464
$2,500 to $9,999	2 652	1 260	1 294	98	2 647	1 255	1 294	98
$10,000 to $19,999	346	156	185	5	346	156	185	5
$20,000 or more	177	87	83	7	177	87	83	7
Petroleum products ..... farms	13 568	8 789	3 998	781	9 842	5 855	3 413	574
$1,000	22 432	11 067	10 420	945	21 587	10 423	10 260	904
Gasoline ..... farms	13 088	8 499	3 854	735	9 531	5 692	3 310	529
$1,000	12 860	6 335	6 041	484	12 268	5 877	5 935	457
Diesel fuel ..... farms	7 654	4 428	2 822	404	6 629	3 656	2 604	369
$1,000	6 022	2 720	3 037	266	5 890	2 625	3 007	258
LP gas, butane, and propane ..... farms	1 648	867	688	93	1 512	784	647	81
$1,000	923	466	413	44	912	458	411	44
Fuel oil ..... farms	931	503	362	66	782	386	336	60
$1,000	339	184	137	17	326	176	134	17
Natural gas ..... farms	622	388	180	54	610	382	175	53
$1,000	724	570	107	46	721	569	106	46
Kerosene, motor oil, and grease ..... farms	13 558	8 779	3 998	781	9 837	5 850	3 413	574
$1,000	1 564	791	684	88	1 469	718	668	83
Electricity ..... farms	7 426	4 554	2 570	302	6 195	3 556	2 370	269
$1,000	8 675	4 669	3 608	398	8 505	4 526	3 586	393
Other—coal, wood, coke, etc. ..... farms	984	602	346	36	805	466	314	25
$1,000	305	190	103	13	284	175	99	10
Hired farm labor ..... farms	6 379	3 591	2 433	355	5 529	2 990	2 232	307
$1,000	34 067	16 904	15 671	1 492	33 593	16 557	15 557	1 479
Farms with expenses of—								
$1 to $4,999	5 037	3 017	1 714	306	4 188	2 417	1 513	258
$5,000 to $19,999	956	426	498	32	955	425	498	32
$20,000 to $49,999	291	99	181	11	291	99	181	11
$50,000 or more	95	49	40	6	95	49	40	6
Workers by number of days worked:								
150 days or more ..... farms	2 151	1 064	990	97	2 102	1 026	984	92
workers	5 488	2 784	2 514	190	5 433	2 746	2 502	185
Less than 150 days ..... farms	5 612	3 183	2 098	331	4 793	2 610	1 900	283
workers	23 845	12 964	9 462	1 419	21 687	11 355	9 049	1 283
Contract labor ..... farms	1 325	716	520	89	1 155	606	472	77
$1,000	3 031	1 396	1 522	113	2 967	1 353	1 503	111
Farms with expenses of—								
$1 to $2,499	1 047	593	378	76	878	484	330	64
$2,500 to $9,999	231	109	110	12	230	108	110	12
$10,000 to $19,999	33	6	26	1	33	6	26	1
$20,000 or more	14	8	6	–	14	8	6	–
Customwork, machine hire, and rental of machinery and equipment ..... farms	6 727	4 157	2 150	420	5 102	2 876	1 895	331
$1,000	6 217	3 340	2 567	310	5 731	2 939	2 504	287
Farms with expenses of—								
$1 to $2,499	6 168	3 871	1 897	400	4 560	2 607	1 642	311
$2,500 to $9,999	511	262	231	18	494	245	231	18
$10,000 to $19,999	38	22	14	2	38	22	14	2
$20,000 or more	10	2	8	–	10	2	8	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ..... farms	1 181	468	614	99	1 013	369	564	80
$1,000	2 595	895	1 387	313	2 404	786	1 319	299
Value of agricultural products sold directly to individuals for human consumption ..... farms	1 263	831	370	62	800	466	287	47
$1,000	3 488	1 628	1 590	270	3 185	1 396	1 527	262

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 EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... forms	13 646	8 860	4 005	781	9 873	5 886	3 413	574
$1,000	368 631	189 440	160 510	18 682	341 537	168 479	155 570	17 488
Farms by value group:								
$1 to $4,999	1 931	1 420	377	134	982	685	226	71
$5,000 to $9,999	3 976	3 011	696	269	1 732	1 207	382	143
$10,000 to $19,999	2 613	1 732	759	122	2 207	1 430	671	106
$20,000 to $49,999	3 062	1 812	1 101	149	2 908	1 694	1 067	147
$50,000 to $99,999	1 271	555	644	72	1 256	540	644	72
$100,000 to $199,999	593	238	324	31	588	238	319	31
$200,000 to $499,999	191	88	100	3	191	88	100	3
$500,000 or more	9	4	4	1	9	4	4	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... forms	8 136	5 055	2 719	362	6 524	3 796	2 419	309
number	12 043	7 335	4 182	526	9 794	5 551	3 808	435
Motortrucks, including pickups ... forms	11 865	7 437	3 759	669	8 942	5 157	3 274	511
number	22 221	12 246	8 816	1 159	18 626	9 489	8 182	955
Wheel tractors ... forms	11 398	7 211	3 537	650	8 605	5 009	3 101	495
number	21 819	12 427	8 264	1 128	18 259	9 628	7 701	930
2 or 3 ... forms	5 217	3 018	1 905	294	4 552	2 508	1 791	253
number	11 944	6 843	4 459	642	10 519	5 743	4 218	558
4 or more ... forms	949	362	556	31	947	360	556	31
number	4 643	1 753	2 729	161	4 634	1 744	2 729	161
Grain and bean combines, self-propelled only ... forms	1 587	808	697	82	1 528	771	684	73
number	1 733	855	790	88	1 648	817	752	79
Cornpickers, corn heads, and picker-shellers ... forms	249	101	133	15	241	99	127	15
number	306	128	161	17	297	125	155	17
Corn heads for combines ... forms	169	78	84	7	166	76	83	7
number	184	85	92	7	180	82	91	7
Other cornpickers and picker-shellers ... forms	90	27	54	9	85	27	49	9
number	122	43	69	10	117	43	64	10
Cottonpickers ... forms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... forms	4 887	2 694	1 970	223	4 329	2 305	1 821	203
number	5 224	2 872	2 116	236	4 646	2 466	1 964	216
Pickup balers ... forms	6 383	3 671	2 419	293	5 581	3 072	2 253	256
number	7 091	4 040	2 749	302	6 285	3 437	2 583	265
Field forage harvesters, shear bar or flywheel type ... forms	1 721	838	817	66	1 619	767	786	66
number	1 875	896	909	70	1 756	808	878	70
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... forms	8 692	5 297	2 938	457	6 843	3 856	2 610	377
$1,000	16 334	6 358	8 641	1 335	15 898	6 026	8 557	1 316
Commercial fertilizer ... forms	6 320	3 668	2 311	341	5 174	2 772	2 112	290
acres on which used	502 908	205 326	265 033	32 549	487 563	194 518	261 103	31 942
Lime ... forms	1	1	–	–	1	1	–	–
acres on which used	(D)	(D)	–	–	(D)	(D)	–	–
tons	(D)	(D)	–	–	(D)	(D)	–	–
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... forms	3 831	2 210	1 458	163	3 212	1 772	1 330	110
acres on which used	267 686	122 969	134 656	10 061	261 429	118 610	133 347	9 472
Nematodes in crops ... forms	253	112	121	20	234	99	121	14
acres on which used	8 120	2 715	4 930	475	7 882	2 531	4 930	421
Diseases in crops and orchards ... forms	777	575	170	32	450	279	145	26
acres on which used	20 180	8 202	9 664	2 314	19 101	7 251	9 620	2 230
Weeds, grass, or brush in crops and pasture ... forms	3 479	1 860	1 428	191	3 041	1 530	1 341	170
acres on which used	275 037	107 105	147 270	20 662	269 965	103 450	146 091	20 424
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... forms	221	110	101	10	171	76	85	10
acres on which used	13 362	4 307	8 740	315	13 155	4 176	8 664	315
Insect control on livestock and poultry ... forms	2 918	1 681	1 123	114	2 450	1 310	1 040	100
Sanitation and rodent and bird control ... forms	1 107	639	412	56	916	479	393	44
LIVESTOCK								
Cattle and calves inventory ... forms	8 738	5 264	3 085	389	6 552	3 585	2 712	255
number	797 812	352 272	421 001	24 539	774 272	333 878	416 912	23 482
Farms with—								
1 to 9	2 101	1 525	445	131	760	489	239	32
10 to 49	3 211	2 148	922	141	2 401	1 532	761	108
50 to 99	1 359	744	560	55	1 334	727	554	53
100 to 199	1 152	495	612	45	1 146	489	612	45
200 to 499	657	268	377	12	653	264	377	12
500 or more	258	84	169	5	258	84	169	5
Cows and heifers that had calved ... forms	7 314	4 344	2 695	275	5 640	3 052	2 397	191
number	389 314	173 917	205 138	10 259	378 310	165 295	203 241	9 774
Beef cows ... forms	5 844	3 556	2 067	221	4 494	2 507	1 837	150
number	312 443	144 150	160 520	7 773	302 240	136 114	158 786	7 340
Farms with—								
1 to 9	1 948	1 388	469	91	928	597	296	35
10 to 49	2 320	1 443	787	90	2 001	1 195	731	75
50 to 99	780	389	373	18	773	383	372	18
100 to 199	453	202	236	15	453	202	236	15
200 to 499	272	105	161	6	268	101	161	6
500 or more	71	29	41	1	71	29	41	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
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ... farms	2 626	1 448	1 095	83	2 065	1 018	986	61
... number	76 871	29 767	44 618	2 486	76 070	29 181	44 455	2 434
Farms with—								
1 to 4	1 457	943	474	40	904	517	367	20
5 to 9	73	43	27	3	67	39	25	3
10 to 49	511	259	233	19	509	259	233	17
50 to 99	380	139	224	17	380	139	224	17
100 to 199	153	48	103	2	153	48	103	2
200 to 499	48	12	34	2	48	12	34	2
500 or more	4	4	–	–	4	4	–	–
Heifers and heifer calves ... farms	6 571	3 798	2 523	250	5 206	2 767	2 256	183
... number	202 810	89 948	107 969	4 893	196 903	85 328	106 906	4 669
Steers, steer calves, bulls, and bull calves ... farms	7 216	4 257	2 640	319	5 597	3 019	2 358	220
... number	205 688	88 407	107 894	9 387	199 059	83 255	106 765	9 039
Cattle and calves sold ... farms	8 097	4 822	2 935	340	6 493	3 569	2 661	263
... number	464 224	212 134	232 613	19 477	457 211	206 639	231 491	19 081
... $1,000	165 919	74 867	82 664	8 388	164 071	73 443	82 332	8 297
Calves ... farms	4 286	2 585	1 513	188	3 501	1 969	1 393	139
... number	147 426	71 676	71 859	3 891	144 033	69 016	71 363	3 654
... $1,000	35 303	16 887	17 467	949	34 659	16 387	17 366	906
Cattle ... farms	6 575	3 826	2 490	259	5 430	2 931	2 286	213
... number	316 798	140 458	160 754	15 586	313 178	137 623	160 128	15 427
... $1,000	130 616	57 980	65 197	7 439	129 412	57 055	64 966	7 391
Fattened on grain and concentrates ... farms	1 595	892	654	49	1 253	638	577	38
... number	132 396	64 837	56 585	10 974	131 550	64 220	56 383	10 947
... $1,000	62 936	30 261	27 032	5 643	62 614	30 031	26 949	5 634
Hogs and pigs inventory ... farms	1 556	1 010	469	77	1 000	570	390	40
... number	46 834	29 266	15 171	2 397	43 235	26 507	14 554	2 174
Farms with—								
1 to 9	956	637	277	42	526	301	208	17
10 to 49	441	277	137	27	318	174	129	15
50 to 99	61	38	21	2	59	37	20	2
100 to 199	45	21	21	3	44	21	20	3
200 to 499	35	25	7	3	35	25	7	3
500 or more	18	12	6	–	18	12	6	–
Used or to be used for breeding ... farms	856	564	258	34	598	361	217	20
... number	6 901	4 345	2 167	389	6 184	3 812	2 019	353
Other ... farms	1 370	889	412	69	884	506	340	38
... number	39 933	24 921	13 004	2 008	37 051	22 695	12 535	1 821
Hogs and pigs sold ... farms	1 110	703	352	55	811	473	306	32
... number	59 378	36 848	20 251	2 279	56 133	34 360	19 763	2 010
... $1,000	4 879	3 026	1 679	174	4 714	2 900	1 658	155
Feeder pigs sold ... farms	328	214	99	15	229	138	83	8
... number	12 109	7 769	3 877	463	10 726	6 686	3 668	372
... $1,000	373	245	115	13	338	218	109	11
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... farms	886	583	269	34	618	370	228	20
... number	8 726	5 483	2 880	363	8 122	5 028	2 773	321
Dec. 1 and May 31 ... farms	735	490	217	28	517	313	188	16
... number	4 537	2 826	1 530	181	4 173	2 533	1 482	158
June 1 and Nov. 30 ... farms	623	396	197	30	472	282	170	20
... number	4 189	2 657	1 350	182	3 949	2 495	1 291	163
Sheep and lambs of all ages inventory ... farms	2 199	1 310	784	105	1 582	841	660	81
... number	619 508	241 901	356 867	20 740	607 322	232 534	354 544	20 244
Ewes 1 year old or older ... farms	2 071	1 222	745	104	1 506	795	631	80
... number	440 349	172 501	255 000	12 848	432 677	166 621	253 525	12 531
Sheep and lambs sold ... farms	2 079	1 222	752	105	1 546	819	646	81
... number	482 846	191 457	273 168	18 221	475 705	185 886	271 900	17 919
Sheep and lambs shorn ... farms	2 024	1 196	725	103	1 498	793	625	80
... number	534 781	207 060	311 471	16 250	526 070	200 339	309 800	15 931
... pounds of wool	5 361 098	2 036 462	3 179 022	145 614	5 280 379	1 973 201	3 164 470	142 708
Horses and ponies inventory ... farms	5 941	3 503	2 208	230	4 324	2 330	1 852	142
... number	27 079	14 900	11 260	919	20 471	10 385	9 483	603
Horses and ponies sold ... farms	1 086	657	386	43	755	406	318	31
... number	2 875	1 725	1 049	101	2 181	1 186	914	81
... $1,000	2 432	1 640	737	56	2 135	1 415	679	41
Goats inventory ... farms	123	95	23	5	56	36	16	4
... number	1 028	577	144	307	765	340	120	305
Goats sold ... farms	38	23	13	2	9	5	3	1
... number	229	118	(D)	(D)	138	48	(D)	(D)
... $1,000	11	4	(D)	(D)	9	2	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ... farms	1 433	950	437	46	808	472	308	28
... number	2 259 854	2 247 650	11 414	790	2 246 624	2 236 816	9 325	483
Farms with—								
1 to 399	1 399	917	436	46	774	439	307	28
400 to 3,199	11	10	1	–	11	10	1	–
3,200 to 9,999	6	6	–	–	6	6	–	–
10,000 to 19,999	2	2	–	–	2	2	–	–
20,000 to 49,999	4	4	–	–	4	4	–	–
50,000 to 99,999	4	4	–	–	4	4	–	–
100,000 or more	7	7	–	–	7	7	–	–
Hens and pullets of laying age ... farms	1 406	935	425	46	798	466	304	28
... number	2 138 087	2 126 471	10 858	758	2 126 470	2 117 107	(D)	(D)
Pullets 3 months old or older not of laying age ... farms	182	133	45	4	81	56	23	2
... number	121 767	121 179	556	32	120 154	119 709	(D)	(D)

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
POULTRY—Con.								
Chickens 3 months old or older sold ..... farms	106	93	10	3	70	59	10	1
number	940 231	939 398	814	19	938 227	937 404	(D)	(D)
Broilers and other meat-type chickens sold ..... farms	35	27	6	2	18	14	4	–
number	1 423	1 034	(D)	(D)	861	647	214	–
Farms with—								
1 to 1,999	35	27	6	2	18	14	4	–
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms	76	44	31	1	34	20	13	1
number	38 870	37 863	(D)	(D)	38 748	37 790	(D)	(D)
Turkeys sold ..... farms	103	60	33	10	99	57	32	10
number	3 033 050	1 648 164	1 105 382	279 504	3 033 037	1 648 157	1 105 376	279 504
CROPS HARVESTED								
Corn for all purposes ..... farms	2 336	1 018	1 187	131	2 132	868	1 152	112
acres	76 376	25 974	46 583	3 819	74 736	24 865	46 207	3 664
For grain or seed ..... farms	510	235	229	46	446	194	218	34
acres	14 482	6 660	6 682	1 140	14 052	6 473	6 527	1 052
bushels	1 176 010	503 685	584 911	87 414	1 154 862	492 891	578 829	83 142
Irrigated ..... farms	510	235	229	46	446	194	218	34
acres	14 482	6 660	6 682	1 140	14 052	6 473	6 527	1 052
Farms by acres harvested:								
1 to 24 acres	362	185	143	34	300	144	134	22
25 to 99 acres	124	40	74	10	122	40	72	10
100 to 499 acres	22	8	12	2	22	8	12	2
500 acres or more	2	2	–	–	2	2	–	–
Wheat for grain ..... farms	2 072	1 089	865	118	1 852	920	823	109
acres	253 600	97 028	139 635	16 937	251 098	95 107	139 193	16 798
bushels	6 651 061	2 521 476	3 577 613	551 972	6 590 140	2 473 687	3 568 272	548 181
Irrigated ..... farms	1 296	664	553	79	1 161	565	524	72
acres	36 419	16 189	16 828	3 402	35 722	15 643	16 708	3 371
Farms by acres harvested:								
1 to 24 acres	1 061	602	411	48	874	458	375	41
25 to 99 acres	530	279	216	35	497	254	210	33
100 to 499 acres	345	167	151	27	345	167	151	27
500 acres or more	136	41	87	8	136	41	87	8
Oats for grain ..... farms	1 213	652	516	45	969	477	460	32
acres	14 743	7 270	7 128	345	13 104	6 055	6 775	274
bushels	784 187	393 420	370 067	20 700	713 706	340 896	355 992	16 818
Irrigated ..... farms	1 135	614	478	43	912	455	425	32
acres	13 340	6 701	6 304	335	11 902	5 668	5 960	274
Barley for grain ..... farms	4 348	2 313	1 796	239	3 782	1 868	1 705	209
acres	144 275	59 959	74 455	9 861	139 539	56 512	73 515	9 512
bushels	8 970 032	3 597 616	4 731 489	640 927	8 758 852	3 436 959	4 692 298	629 595
Irrigated ..... farms	3 974	2 094	1 660	220	3 474	1 701	1 576	197
acres	123 674	50 216	65 314	8 144	119 632	47 222	64 462	7 948
Irish potatoes ..... farms	160	86	65	9	133	65	60	8
acres	5 789	1 984	3 008	797	5 770	1 969	3 004	797
hundredweight	1 319 932	458 258	605 054	256 620	1 317 495	456 561	604 344	256 590
Irrigated ..... farms	160	86	65	9	133	65	60	8
acres	5 789	1 984	3 008	797	5 770	1 969	3 004	797
Farms by acres harvested:								
0.1 to 0.9 acres	42	28	12	2	23	13	9	1
1.0 to 4.9 acres	55	32	22	1	47	26	20	1
5.0 to 24.9 acres	32	13	15	4	32	13	15	4
25.0 to 99.9 acres	22	10	11	1	22	10	11	1
100.0 acres or more	9	3	5	1	9	3	5	1
Sugar beets for sugar ..... farms	252	76	150	26	251	75	150	26
acres	13 112	3 151	9 014	947	13 104	3 143	9 014	947
tons	239 040	56 586	166 715	15 739	238 980	56 526	166 715	15 739
Irrigated ..... farms	252	76	150	26	251	75	150	26
acres	13 112	3 151	9 014	947	13 104	3 143	9 014	947
Hay crops (see text) ..... farms	9 740	5 897	3 363	480	7 349	4 059	2 927	363
acres	622 418	298 340	301 821	22 257	588 136	273 167	294 610	20 359
tons, dry	1 749 997	815 104	871 781	63 112	1 681 173	763 395	857 956	59 822
Irrigated ..... farms	9 019	5 411	3 166	442	6 831	3 742	2 759	330
acres	545 067	262 404	263 882	18 781	515 882	240 797	257 951	17 134
Farms by acres harvested:								
1 to 24 acres	4 308	3 083	986	239	2 258	1 493	625	140
25 to 99 acres	3 698	2 074	1 432	192	3 366	1 832	1 359	175
100 to 499 acres	1 625	695	883	47	1 616	689	881	46
500 acres or more	109	45	62	2	109	45	62	2
Alfalfa hay ..... farms	8 826	5 288	3 124	414	6 710	3 671	2 722	317
acres	458 135	219 682	220 634	17 819	431 301	199 899	214 964	16 438
tons, dry	1 462 273	684 373	724 078	53 822	1 403 629	640 340	712 228	51 061
Irrigated ..... farms	8 238	4 898	2 960	380	6 279	3 410	2 583	286
acres	407 952	197 450	195 684	14 818	384 577	180 151	190 857	13 569
All vegetables harvested for sale (see text) ..... farms	512	221	228	63	413	149	211	53
acres	9 310	1 825	6 293	1 192	9 135	1 722	6 252	1 161
Irrigated ..... farms	512	221	228	63	413	149	211	53
acres	9 310	1 825	6 293	1 192	9 135	1 722	6 252	1 161
Farms by acres harvested:								
0.1 to 4.9 acres	225	135	61	29	131	65	46	20
5.0 to 24.9 acres	173	69	82	22	168	67	80	21
25.0 to 99.9 acres	101	15	76	10	101	15	76	10
100.0 acres or more	13	2	9	2	13	2	9	2

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of $2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED—Con.								
Land in orchards ..... farms	1 061	854	159	48	498	363	113	22
acres	11 340	8 298	2 683	359	9 174	6 343	2 542	289
Irrigated ..... farms	1 002	805	149	48	468	341	105	22
acres	10 842	7 848	2 635	359	8 865	6 075	2 501	289
Farms by acres in orchards:								
0.1 to 4.9 acres	639	524	83	32	204	149	48	7
5.0 to 24.9 acres	340	275	54	11	219	166	43	10
25.0 to 99.9 acres	67	45	17	5	60	38	17	5
100.0 acres or more	15	10	5	–	15	10	5	–
Apples ..... farms	646	521	107	18	311	222	74	15
total acres	3 535	2 384	1 013	138	2 937	1 854	949	134
pounds	24 031 838	16 291 613	6 616 341	1 123 884	23 306 757	15 675 321	6 532 101	1 099 335

[1]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	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
FARMS AND LAND IN FARMS										
Farms	number	13 696	11 633	1 423	479	441	421	38	32	161
	percent	100.0	84.9	10.3	3.4	3.2	3.0	0.2	0.2	1.1
Land in farms	acres	8 983 213	4 956 822	2 043 247	1 880 330	1 800 201	1 711 834	80 129	71 805	102 814
Average size of farm	acres	656	426	1 436	3 926	4 082	4 066	2 109	2 244	639
Value of land and buildings[1]	farms	13 696	11 602	1 427	495	466	444	29	25	172
	$1,000	3 954 770	2 764 787	727 962	412 328	383 740	356 656	28 588	22 930	49 692
Average per farm	dollars	288 753	238 302	510 134	832 986	823 477	803 279	985 789	917 193	288 907
Average per acre	dollars	440	556	360	217	210	206	371	313	560
Farms by value of land and buildings:										
$1 to $19,999		741	658	48	24	24	24	–	–	11
$20,000 to $39,999		1 133	997	85	30	30	30	–	–	21
$40,000 to $69,999		2 005	1 815	137	15	15	15	–	–	38
$70,000 to $99,999		1 562	1 444	83	32	30	30	2	2	3
$100,000 to $149,999		1 877	1 706	131	30	29	29	1	1	10
$150,000 to $199,999		1 318	1 138	141	22	20	20	2	2	17
$200,000 to $499,999		3 314	2 725	453	102	94	90	8	7	34
$500,000 to $999,999		1 081	720	196	133	127	115	6	4	32
$1,000,000 or more		665	399	153	107	97	91	10	9	6
Owned and rented land by operator:										
Land owned	farms	12 949	11 004	1 322	469	433	413	36	31	154
	acres	6 507 815	3 356 154	1 516 785	1 558 110	1 479 584	1 407 419	78 526	69 278	76 766
Land rented or leased from others	farms	4 901	3 971	692	198	192	185	6	3	40
	acres	2 752 597	1 790 985	570 946	363 075	358 447	342 245	4 628	4 552	27 591
Land rented or leased to others	farms	1 064	871	134	42	37	37	5	4	17
	acres	277 199	190 317	44 484	40 855	37 830	37 830	3 025	2 025	1 543
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	12 588	10 692	1 322	426	397	377	29	23	148
	acres	2 005 540	1 377 299	380 847	215 760	192 199	183 302	23 561	20 120	31 634
Harvested cropland	farms	11 584	9 790	1 249	402	375	356	27	21	143
	acres	1 157 643	788 080	217 365	131 649	116 313	109 404	15 336	13 140	20 549
Forms by acres harvested:										
1 to 49 acres		6 572	5 931	488	91	87	85	4	3	62
50 to 99 acres		2 014	1 669	268	53	50	48	3	3	24
100 to 199 acres		1 564	1 259	206	78	76	74	2	–	21
200 to 499 acres		1 067	723	202	111	102	96	9	9	31
500 to 999 acres		244	149	48	45	39	32	6	3	2
1,000 to 1,999 acres		103	55	29	16	15	15	1	1	3
2,000 acres or more		20	4	8	8	6	6	2	2	–
Cropland:										
Pasture or grazing only	farms	6 103	5 254	635	172	162	152	10	9	42
	acres	479 934	345 774	89 281	40 943	39 027	38 047	1 916	1 906	3 936
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	509	413	75	19	15	14	4	3	2
	acres	22 264	16 791	(D)	2 242	1 187	937	1 055	(D)	(D)
On which all crops failed	farms	672	538	105	18	15	13	3	2	11
	acres	25 118	18 552	(D)	1 901	1 516	996	385	(D)	(D)
In cultivated summer fallow	farms	1 410	1 126	191	70	66	64	4	4	23
	acres	224 777	146 970	45 121	27 273	23 762	23 655	3 511	3 511	5 413
Idle	farms	1 851	1 507	232	87	77	73	10	8	25
	acres	95 804	61 132	21 498	11 752	10 394	10 263	1 358	1 023	1 422
Total woodland	farms	505	384	81	36	33	31	3	2	4
	acres	215 523	99 595	(D)	76 892	75 382	71 342	1 510	(D)	(D)
Woodland pastured	farms	309	230	48	30	27	26	3	2	1
	acres	167 831	72 834	(D)	71 495	69 985	65 960	1 510	(D)	(D)
Woodland not pastured	farms	238	188	40	7	7	6	–	–	3
	acres	47 692	26 761	15 136	5 397	5 397	5 382	–	–	398
Pastureland and rangeland other than cropland and woodland pastured	farms	4 498	3 660	561	235	217	205	18	16	42
	acres	6 538 424	3 336 268	(D)	1 554 778	1 508 245	1 434 856	46 533	(D)	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms	7 238	6 150	725	258	236	225	22	20	105
	acres	223 726	143 660	42 416	32 900	24 375	22 334	8 525	5 865	4 750
Pastureland, all types	farms	9 164	7 768	996	330	308	290	22	19	70
	acres	7 186 189	3 754 876	1 694 129	1 667 216	1 617 257	1 538 863	49 959	47 726	69 968
Irrigated land	farms	11 578	9 828	1 229	388	362	344	26	21	133
	acres	1 158 911	786 858	216 440	136 856	120 616	111 214	16 240	14 240	18 757
Harvested cropland irrigated	farms	10 669	9 005	1 165	370	344	326	26	21	129
	acres	833 715	562 056	153 464	103 825	89 614	83 224	14 211	12 211	14 370
Pastureland irrigated	farms	5 044	4 326	523	164	154	143	10	10	31
	acres	307 006	212 407	59 957	30 514	28 485	26 045	2 029	2 029	4 128
Other land irrigated	farms	734	612	86	29	29	26	–	–	7
	acres	18 190	12 395	3 019	2 517	2 517	1 945	–	–	259
Land set aside in the federal farm programs in 1978	farms	1 352	1 097	192	56	52	50	4	4	7
	acres	49 876	33 814	11 106	4 807	3 926	3 811	881	881	149
RACE AND TENURE OF OPERATOR										
All operators	number	13 696	11 633	1 423	479	441	421	38	32	161
Full owners	number	8 828	7 688	736	283	251	238	32	29	121
Part owners	number	4 097	3 297	581	186	182	175	4	2	33
Tenants	number	771	648	106	10	8	8	2	1	7
White	number	13 559	11 523	1 397	478	440	420	38	32	161
Full owners	number	8 766	7 633	729	283	251	238	32	29	121
Part owners	number	4 039	3 257	564	185	181	174	4	2	33
Tenants	number	754	633	104	10	8	8	2	1	7
Black and other races	number	137	110	26	1	1	1	–	–	–
Full owners	number	62	55	7	–	–	–	–	–	–
Part owners	number	58	40	17	1	1	1	–	–	–
Tenants	number	17	15	2	–	–	–	–	–	–

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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
FARMS BY TYPE OF ORGANIZATION									
Individual or family ... farms	11 633	11 633	–	–	–	–	–	–	–
acres	4 956 822	4 956 822	–	–	–	–	–	–	–
Partnership ... farms	1 423	–	1 423	–	–	–	–	–	–
acres	2 043 247	–	2 043 247	–	–	–	–	–	–
Corporations:									
Family held ... farms	441	–	–	441	441	421	–	–	–
acres	1 800 201	–	–	1 800 201	1 800 201	1 711 834	–	–	–
More than 10 stockholders ... farms	20	–	–	20	20	–	–	–	–
10 or less stockholders ... farms	421	–	–	421	421	421	–	–	–
Other than family held ... farms	38	–	–	38	–	–	38	32	–
acres	80 129	–	–	80 129	–	–	80 129	71 805	–
More than 10 stockholders ... farms	6	–	–	6	–	–	6	–	–
10 or less stockholders ... farms	32	–	–	32	–	–	32	32	–
Other—cooperative, estate or trust, etc. ... farms	161	–	–	–	–	–	–	–	161
acres	102 814	–	–	–	–	–	–	–	102 814
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	8 857	7 645	858	284	271	260	13	11	70
Not on farm operated	3 537	2 775	516	165	143	134	22	18	81
Operators by age group:									
Under 25 years	266	223	31	9	9	9	–	–	3
25 to 34 years	1 393	1 156	176	37	30	30	7	4	24
35 to 44 years	2 731	2 335	275	92	81	73	11	11	29
45 to 54 years	3 609	3 075	360	128	118	114	10	8	46
55 to 64 years	3 192	2 706	325	118	110	106	8	7	43
65 years and over	2 505	2 138	256	95	93	89	2	2	16
Average age	51.3	51.3	50.6	52.3	52.8	52.9	46.3	47.1	48.8
Operators by sex:									
Male	13 322	11 327	1 368	475	437	417	38	32	152
Female	374	306	55	4	4	4	–	–	9
Operators of Spanish origin	50	40	8	–	–	–	–	–	2
Operators by principal occupation:									
Farming	6 097	4 910	754	339	313	298	26	23	94
Other	7 599	6 723	669	140	128	123	12	9	67
Operators reporting days of work off farm:									
None	4 396	3 464	572	289	263	249	26	23	71
1 to 99 days	1 268	1 070	142	41	38	37	3	3	15
100 to 199 days	1 472	1 264	166	30	25	24	5	2	12
200 days or more	6 034	5 383	503	91	89	87	2	2	57
FARMS BY SIZE									
1 to 9 acres	1 841	1 692	104	35	34	34	1	1	10
10 to 49 acres	3 562	3 251	218	46	41	40	5	4	47
50 to 69 acres	909	790	99	18	16	15	2	2	2
70 to 99 acres	1 042	894	115	16	15	15	1	1	17
100 to 139 acres	958	836	96	20	18	18	2	2	6
140 to 179 acres	791	677	86	22	22	19	–	–	6
180 to 219 acres	503	430	56	13	13	13	–	–	4
220 to 259 acres	418	342	54	16	15	15	1	–	6
260 to 499 acres	1 388	1 122	182	55	52	51	3	3	29
500 to 999 acres	937	714	149	58	52	47	6	6	16
1,000 to 1,999 acres	597	435	89	64	56	52	8	5	9
2,000 acres or more	750	450	175	116	107	102	9	8	9
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)	1 126	942	127	25	24	23	1	1	32
Field crop, except cash grain farms (013)	2 072	1 762	201	75	69	61	6	4	34
Cotton farms (0131)	–	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 072	1 762	201	75	69	61	6	4	34
Vegetable and melon farms (016)	189	159	24	4	3	3	1	1	2
Fruit and tree nut farms (017)	613	527	57	19	17	17	2	2	10
Horticultural specialty farms (018)	154	106	19	29	26	26	3	2	–
General farms, primarily crop (019)	554	487	44	11	11	11	–	–	12
Livestock farms, except dairy, poultry, and animal specialty (021)	6 885	5 937	679	218	197	188	21	18	51
Beef cattle farms, except feedlots (0212)	4 521	3 890	457	142	130	123	12	10	32
Dairy farms (024)	1 094	836	189	56	54	52	2	2	13
Poultry and egg farms (025)	153	114	10	24	24	24	–	–	5
Animal specialty farms (027)	676	617	42	16	14	14	2	2	1
General farms, primarily livestock (029)	180	146	31	2	2	2	–	–	1
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold ... farms	13 696	11 633	1 423	479	441	421	38	32	161
$1,000	461 313	251 129	83 845	115 933	97 529	95 670	18 404	16 456	10 406
Farms by value of agricultural products sold:									
$500,000 or more	87	20	17	47	37	36	10	8	3
$200,000 to $499,999	280	129	78	71	71	69	–	–	2
$100,000 to $199,999	594	374	137	69	64	61	5	5	14
$40,000 to $99,999	1 442	1 060	241	113	99	94	14	11	28
$20,000 to $39,999	1 437	1 197	160	60	56	52	4	4	20
$10,000 to $19,999	1 779	1 513	208	36	36	36	–	–	22
$5,000 to $9,999	2 003	1 769	183	34	30	29	4	3	17
$2,500 to $4,999	2 126	1 904	177	26	26	23	–	–	19
Less than $2,500	3 948	3 667	222	23	22	21	1	1	36

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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
VALUE OF PRODUCTS SOLD—Con.										
Market value of agricultural products sold—Con.										
Grain	forms	3 696	3 020	466	140	129	118	11	9	70
	$1,000	28 169	19 005	5 617	2 810	2 164	2 087	646	627	737
Sales of $40,000 or more	forms	117	67	32	16	12	12	4	4	2
	$1,000	9 948	5 171	(D)	1 654	1 070	1 070	584	584	(D)
Commodity Credit Corporation loans	forms	360	279	62	17	16	14	1	1	2
	$1,000	1 503	924	(D)	275	(D)	253	(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	–	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	3 869	3 229	422	148	136	128	12	8	70
	$1,000	32 331	21 757	4 928	5 159	4 605	4 388	554	340	487
Sales of $40,000 or more	forms	142	86	25	29	25	22	4	3	2
	$1,000	12 802	6 365	(D)	3 922	3 521	3 369	401	227	(D)
Vegetables, sweet corn, and melons	forms	512	412	65	19	18	18	1	1	16
	$1,000	7 019	3 626	2 168	1 138	(D)	(D)	(D)	(D)	87
Sales of $40,000 or more	forms	41	20	16	5	4	4	1	1	–
	$1,000	4 119	1 206	1 876	1 037	(D)	(D)	(D)	(D)	–
Fruits, nuts, and berries	forms	673	585	56	21	19	18	2	2	11
	$1,000	9 394	4 601	2 095	2 284	(D)	(D)	(D)	(D)	414
Sales of $40,000 or more	forms	44	20	13	9	8	8	1	1	2
	$1,000	6 200	2 009	(D)	2 108	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse products	forms	177	123	23	30	27	27	3	2	1
	$1,000	14 231	2 288	(D)	10 254	4 095	4 095	6 158	(D)	(D)
Sales of $40,000 or more	forms	40	15	8	17	14	14	3	2	–
	$1,000	12 873	1 261	1 559	10 053	3 895	3 895	6 158	(D)	–
Other crops	forms	381	292	54	24	23	22	1	1	11
	$1,000	10 445	4 644	2 899	2 696	(D)	(D)	(D)	(D)	206
Sales of $40,000 or more	forms	48	28	12	7	6	6	1	1	1
	$1,000	7 143	2 177	(D)	2 462	(D)	(D)	(D)	(D)	(D)
Poultry and poultry products	forms	467	387	37	36	36	35	–	–	7
	$1,000	53 874	22 162	3 404	24 246	24 246	24 246	–	–	4 062
Sales of $40,000 or more	forms	115	79	9	22	22	22	–	–	5
	$1,000	53 475	21 837	3 381	24 197	24 197	24 197	–	–	4 061
Dairy products	forms	1 312	1 007	225	63	61	59	2	2	17
	$1,000	89 443	54 131	23 912	10 179	(D)	9 247	(D)	(D)	1 220
Sales of $40,000 or more	forms	728	501	162	53	51	49	2	2	12
	$1,000	80 495	46 481	22 808	10 050	(D)	9 119	(D)	(D)	1 155
Cattle and calves	forms	8 097	6 799	926	298	277	266	21	18	74
	$1,000	165 919	85 424	28 719	48 930	40 592	39 352	8 338	7 488	2 847
Sales of $40,000 or more	forms	707	416	152	127	113	107	14	12	12
	$1,000	110 260	40 380	21 205	46 593	38 390	37 249	8 203	7 384	2 082
Hogs and pigs	forms	1 110	970	105	28	24	23	4	3	7
	$1,000	4 879	3 427	774	434	236	236	199	166	243
Sales of $40,000 or more	forms	27	16	4	4	2	2	2	2	3
	$1,000	2 185	1 083	534	326	(D)	(D)	(D)	(D)	241
Sheep, lambs, and wool	forms	2 164	1 863	216	73	71	69	2	2	12
	$1,000	30 775	18 219	6 188	6 272	(D)	6 050	(D)	(D)	95
Sales of $40,000 or more	forms	191	115	45	30	28	27	2	2	1
	$1,000	23 218	12 009	(D)	5 823	(D)	(D)	(D)	(D)	(D)
Other livestock and livestock products (see text)	forms	1 508	1 316	140	42	39	36	3	3	10
	$1,000	14 835	11 845	1 451	1 530	1 400	1 397	131	131	9
Sales of $40,000 or more	forms	105	86	10	9	8	8	1	1	–
	$1,000	10 461	7 967	1 113	1 381	(D)	(D)	(D)	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]										
Livestock and poultry purchased	forms	5 841	4 897	649	241	221	211	20	17	54
	$1,000	74 355	34 199	11 559	25 311	21 437	20 889	3 874	3 504	3 286
Forms with expenses of—										
$1 to $4,999		4 385	3 865	376	107	101	96	6	5	37
$5,000 to $19,999		837	648	142	40	39	36	1	1	7
$20,000 to $49,999		374	250	77	44	35	35	9	8	3
$50,000 or more		245	134	54	50	46	44	4	3	7
Feed for livestock and poultry	forms	8 956	7 602	943	328	304	297	24	21	83
	$1,000	101 111	52 818	16 725	29 966	28 105	27 792	1 861	1 721	1 603
Forms with expenses of—										
$1 to $4,999		6 765	6 079	554	92	87	85	5	5	40
$5,000 to $19,999		1 256	928	205	101	93	92	8	8	22
$20,000 to $49,999		560	381	112	53	47	44	6	4	14
$50,000 or more		375	214	72	82	77	76	5	4	7
Commercially mixed formula feeds	forms	3 308	2 674	418	161	154	152	7	7	55
	tons	392 147	197 174	56 416	129 306	127 825	127 513	1 481	1 481	9 251
	$1,000	55 673	27 796	7 797	19 012	18 833	18 806	179	179	1 067
Forms by tons purchased:										
1 to 99 tons		2 708	2 278	302	92	87	87	5	5	36
100 to 499 tons		450	312	96	33	32	30	1	1	9
500 tons or more		150	84	20	36	35	35	1	1	10
Forms with expenses of—										
$1 to $4,999		2 268	1 983	198	60	58	58	2	2	27
$5,000 to $19,999		628	435	146	36	33	31	3	3	11
$20,000 to $49,999		218	145	41	20	19	19	1	1	12
$50,000 or more		194	111	33	45	44	44	1	1	5

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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
SELECTED FARM PRODUCTION EXPENSES[1]—Con.										
Animal health costs	forms	8 393	7 038	957	317	298	287	19	16	81
	$1,000	3 663	2 270	737	577	525	510	52	45	79
Farms with expenses of—										
$1 to $499		6 694	5 874	650	119	114	109	5	4	51
$500 to $999		851	637	134	73	68	67	5	5	7
$1,000 to $2,999		648	425	119	85	79	75	6	5	19
$3,000 or more		200	102	54	40	37	36	3	2	4
Seeds, bulbs, plants, and trees	forms	6 333	5 177	810	241	220	211	21	17	105
	$1,000	7 071	3 850	1 192	1 913	1 313	1 298	600	317	116
Farms with expenses of—										
$1 to $999		4 837	4 183	492	101	99	94	2	1	61
$1,000 to $4,999		1 315	920	264	88	76	73	12	10	43
$5,000 to $9,999		117	52	42	22	21	20	1	1	1
$10,000 or more		64	22	12	30	24	24	6	5	–
Commercial fertilizer	forms	6 584	5 378	831	290	276	255	14	11	85
	$1,000	11 753	7 246	2 318	1 940	1 556	1 337	384	351	249
Farms with expenses of—										
$1 to $2,499		5 449	4 626	606	152	150	149	2	1	65
$2,500 to $9,999		963	676	187	89	82	74	7	6	11
$10,000 to $19,999		112	47	26	31	31	20	–	–	8
$20,000 or more		60	29	12	18	13	12	5	4	1
Other agricultural chemicals including lime	forms	6 538	5 331	822	307	285	265	22	19	78
	$1,000	4 581	2 763	1 012	754	690	672	64	61	51
Farms with expenses of—										
$1 to $2,499		6 149	5 113	719	242	224	206	18	15	75
$2,500 to $9,999		334	199	86	46	46	44	–	–	3
$10,000 to $19,999		39	15	12	12	8	8	4	4	–
$20,000 or more		16	4	5	7	7	7	–	–	–
Energy and petroleum products	forms	13 587	11 499	1 427	495	466	444	29	25	166
	$1,000	31 412	19 117	6 241	5 525	4 647	4 363	878	829	529
Farms with expenses of—										
$1 to $2,499		10 412	9 296	851	161	156	156	5	5	104
$2,500 to $9,999		2 652	1 974	445	179	168	161	11	10	54
$10,000 to $19,999		346	173	75	91	85	70	6	4	7
$20,000 or more		177	56	56	64	57	57	7	6	1
Petroleum products	forms	13 568	11 485	1 426	495	466	444	29	25	162
	$1,000	22 432	14 448	4 274	3 416	3 005	2 881	410	370	295
Gasoline	forms	13 088	11 121	1 345	476	450	429	26	22	146
	$1,000	12 860	8 865	2 295	1 548	1 434	1 364	115	98	152
Diesel fuel	forms	7 654	6 036	1 089	402	378	356	24	21	127
	$1,000	6 022	3 600	1 347	985	754	710	231	218	89
LP gas, butane, and propane	forms	1 648	1 249	242	121	114	109	7	7	36
	$1,000	923	544	171	195	170	166	25	25	13
Fuel oil	forms	931	740	135	53	49	49	4	4	3
	$1,000	339	168	77	92	(D)	(D)	(D)	(D)	1
Natural gas	forms	622	401	121	71	68	64	3	1	29
	$1,000	724	195	111	404	(D)	(D)	(D)	(D)	14
Kerosene, motor oil, and grease	forms	13 558	11 483	1 418	495	466	444	29	25	162
	$1,000	1 564	1 075	272	190	170	167	20	17	27
Electricity	forms	7 426	6 045	935	326	301	281	25	21	120
	$1,000	8 675	4 473	1 944	2 027	1 626	1 466	401	391	231
Other—coal, wood, coke, etc.	forms	984	800	129	37	33	32	4	4	18
	$1,000	305	196	24	82	15	15	67	67	3
Hired farm labor	forms	6 379	5 099	819	367	345	323	22	18	94
	$1,000	34 067	15 534	6 485	10 975	8 631	8 236	2 344	2 133	1 073
Farms with expenses of—										
$1 to $4,999		5 037	4 286	584	128	122	118	6	6	39
$5,000 to $19,999		956	668	149	101	96	85	5	3	38
$20,000 to $49,999		291	132	64	80	76	71	4	3	15
$50,000 or more		95	13	22	58	51	49	7	6	2
Workers by number of days worked:										
150 days or more	forms	2 151	1 451	340	297	281	263	16	12	63
	workers	5 488	2 755	1 072	1 538	1 283	1 235	255	234	123
Less than 150 days	forms	5 612	4 538	721	286	267	256	19	16	67
	workers	23 845	17 139	3 642	2 845	2 586	2 545	259	196	219
Contract labor	forms	1 325	1 039	192	79	76	71	3	2	15
	$1,000	3 031	1 934	646	322	314	283	8	(D)	129
Farms with expenses of—										
$1 to $2,499		1 047	841	149	47	45	45	2	1	10
$2,500 to $9,999		231	169	34	26	25	20	1	1	2
$10,000 to $19,999		33	27	1	4	4	4	–	–	1
$20,000 or more		14	2	8	2	2	2	–	–	2
Customwork, machine hire, and rental of machinery and equipment	forms	6 727	5 697	721	206	191	173	15	13	103
	$1,000	6 217	4 565	932	601	537	408	64	61	120
Farms with expenses of—										
$1 to $2,499		6 168	5 346	596	135	130	127	5	3	91
$2,500 to $9,999		511	328	120	52	43	38	9	9	11
$10,000 to $19,999		38	14	5	18	17	7	1	1	1
$20,000 or more		10	9	–	1	1	1	–	–	–
FARM-RELATED INCOME										
Income from machine work, customwork, and other agricultural services	forms	1 181	949	168	53	50	47	3	2	11
	$1,000	2 595	2 033	362	175	168	166	7	(D)	25
Value of agricultural products sold directly to individuals for human consumption	forms	1 263	1 049	147	40	35	34	5	4	27
	$1,000	3 488	2 445	520	406	384	381	22	22	117

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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ... forms	13 646	11 562	1 427	495	466	444	29	25	162
$1,000	368 631	257 268	64 510	40 413	36 593	33 460	3 819	3 312	6 440
Forms by value group:									
$1 to $4,999	1 931	1 767	124	30	28	28	2	2	10
$5,000 to $9,999	3 976	3 644	249	56	55	55	1	1	27
$10,000 to $19,999	2 613	2 249	267	75	71	71	4	4	22
$20,000 to $49,999	3 062	2 544	376	89	86	80	3	2	53
$50,000 to $99,999	1 271	931	210	101	89	87	12	10	29
$100,000 to $199,999	593	339	156	78	76	74	2	2	20
$200,000 to $499,999	191	85	42	63	59	47	4	3	1
$500,000 or more	9	3	3	3	2	2	1	1	–
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles ... forms	8 136	6 937	844	298	283	268	15	15	57
number	12 043	9 860	1 526	573	537	519	36	36	84
Motortrucks, including pickups ... forms	11 865	10 011	1 262	445	416	394	29	25	147
number	22 221	17 111	3 115	1 692	1 568	1 481	124	113	303
Wheel tractors ... forms	11 398	9 524	1 292	441	414	392	27	24	141
number	21 819	17 099	3 104	1 320	1 202	1 147	118	101	296
2 or 3 ... forms	5 217	4 321	623	182	168	156	14	13	91
number	11 944	9 741	1 529	453	417	391	36	34	221
4 or more ... forms	949	597	218	127	118	113	9	7	7
number	4 643	2 752	1 124	735	657	633	78	63	32
Grain and bean combines, self-propelled only ... forms	1 587	1 221	239	113	101	88	12	11	14
number	1 733	1 323	258	137	120	107	17	15	15
Cornpickers, corn heads, and picker-shellers ... forms	249	187	38	16	14	14	2	2	8
number	306	216	40	39	(D)	(D)	(D)	(D)	11
Corn heads for combines ... forms	169	130	23	8	6	6	2	2	8
number	184	138	24	13	(D)	(D)	(D)	(D)	9
Other cornpickers and picker-shellers ... forms	90	63	16	10	10	10	–	–	1
number	122	78	(D)	26	26	26	–	–	(D)
Cottonpickers ... forms	–	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–	–
Mower conditioners ... forms	4 887	3 927	682	207	192	186	15	14	71
number	5 224	4 179	731	242	223	216	19	18	72
Pickup balers ... forms	6 383	5 204	847	254	238	218	16	14	78
number	7 091	5 661	988	356	325	299	31	25	86
Field forage harvesters, shear bar or flywheel type ... forms	1 721	1 311	281	116	107	90	9	8	13
number	1 875	1 411	315	134	124	105	10	9	15
AGRICULTURAL CHEMICALS[1]									
Agricultural chemicals, including commercial fertilizer and lime ... forms	8 692	7 161	1 073	364	342	321	22	19	94
$1,000	16 334	10 010	3 331	2 694	2 246	2 009	448	412	299
Commercial fertilizer ... forms	6 320	5 149	814	272	258	237	14	11	85
acres on which used	502 908	318 113	103 987	68 429	59 885	51 608	8 544	7 665	12 379
Lime ... forms	1	–	–	1	1	1	–	–	–
acres on which used	(D)	–	–	(D)	(D)	(D)	–	–	–
tons	(D)	–	–	(D)	(D)	(D)	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—									
Insects on hay and other crops ... forms	3 831	3 114	508	167	157	154	10	7	42
acres on which used	267 686	173 221	55 247	36 135	33 988	32 663	2 147	1 676	3 083
Nematodes in crops ... forms	253	193	51	9	5	5	4	3	–
acres on which used	8 120	5 142	2 632	346	211	211	135	111	–
Diseases in crops and orchards ... forms	777	662	88	23	19	19	4	3	4
acres on which used	20 180	12 135	5 934	1 824	1 477	1 477	347	323	287
Weeds, grass, or brush in crops and pasture ... forms	3 479	2 779	460	185	169	150	16	15	55
acres on which used	275 037	163 018	66 655	41 541	35 288	31 867	6 253	6 229	3 823
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit ... forms	221	170	34	15	14	14	1	1	2
acres on which used	13 362	7 549	(D)	2 386	(D)	(D)	(D)	(D)	(D)
Insect control on livestock and poultry ... forms	2 918	2 339	384	177	166	157	11	10	18
Sanitation and rodent and bird control ... forms	1 107	895	114	82	79	78	3	2	16
LIVESTOCK									
Cattle and calves inventory ... forms	8 738	7 397	953	300	279	268	21	18	88
number	797 812	497 233	153 606	137 235	124 245	115 942	12 990	10 813	9 738
Farms with—									
1 to 9	2 101	1 928	141	16	16	16	–	–	16
10 to 49	3 211	2 886	261	38	36	35	2	2	26
50 to 99	1 359	1 139	168	41	39	38	2	2	11
100 to 199	1 152	897	177	58	54	52	4	3	20
200 to 499	657	433	142	70	63	62	7	6	12
500 or more	258	114	64	77	71	65	6	5	3
Cows and heifers that had calved ... forms	7 314	6 154	822	261	246	235	15	14	77
number	389 314	247 571	80 359	56 454	53 123	49 856	3 331	2 931	4 930
Beef cows ... forms	5 844	4 942	640	208	195	185	13	12	54
number	312 443	199 235	60 645	48 645	46 038	42 960	2 607	2 207	3 918
Farms with—									
1 to 9	1 948	1 770	158	14	13	12	1	1	6
10 to 49	2 320	2 010	230	52	51	51	1	1	28
50 to 99	780	629	111	32	31	29	1	1	8
100 to 199	453	354	61	32	28	26	4	4	6
200 to 499	272	157	59	51	46	44	5	4	5
500 or more	71	22	21	27	26	23	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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows ... farms	2 626	2 169	336	93	89	84	4	4	28
number	76 871	48 336	19 714	7 809	7 085	6 896	724	724	1 012
Farms with—									
1 to 4	1 457	1 288	126	28	26	23	2	2	15
5 to 9	73	59	8	6	6	6	–	–	–
10 to 49	511	428	68	12	12	12	–	–	3
50 to 99	380	292	66	16	16	15	–	–	6
100 to 199	153	84	48	17	17	16	–	–	4
200 to 499	48	18	17	13	12	12	1	1	–
500 or more	4	–	3	1	–	–	1	1	–
Heifers and heifer calves ... farms	6 571	5 482	770	255	239	228	16	13	64
number	202 810	125 664	36 086	38 274	34 469	31 868	3 805	3 276	2 786
Steers, steer calves, bulls, and bull calves ... farms	7 216	6 081	803	263	243	232	20	17	69
number	205 688	123 998	37 161	42 507	36 653	34 218	5 854	4 606	2 022
Cattle and calves sold ... farms	8 097	6 799	926	298	277	266	21	18	74
number	464 224	258 772	79 755	118 732	100 243	96 754	18 489	15 783	6 965
$1,000	165 919	85 424	28 719	48 930	40 592	39 352	8 338	7 488	2 847
Calves ... farms	4 286	3 617	479	157	149	144	8	6	33
number	147 426	95 575	27 508	22 785	21 812	20 921	973	550	1 558
$1,000	35 303	22 535	6 265	6 137	5 913	5 694	224	141	366
Cattle ... farms	6 575	5 472	779	259	240	230	19	16	65
number	316 798	163 197	52 247	95 947	78 431	75 833	17 516	15 233	5 407
$1,000	130 616	62 889	22 454	42 793	34 679	33 658	8 114	7 347	2 481
Fattened on grain and concentrates ... farms	1 595	1 336	174	64	56	54	8	7	21
number	132 396	42 979	21 365	64 370	51 878	50 418	12 492	12 372	3 682
$1,000	62 936	19 231	10 200	31 681	25 425	24 836	6 257	6 226	1 824
Hogs and pigs inventory ... farms	1 556	1 375	132	37	32	31	5	4	12
number	46 834	34 091	7 218	4 219	2 197	2 188	2 022	1 669	1 306
Farms with—									
1 to 9	956	860	72	16	15	14	1	1	8
10 to 49	441	386	43	11	10	10	1	1	1
50 to 99	61	51	9	1	1	1	–	–	–
100 to 199	45	39	3	2	2	2	–	–	1
200 to 499	35	30	1	3	2	2	1	–	1
500 or more	18	9	4	4	2	2	2	2	1
Used or to be used for breeding ... farms	856	745	82	19	15	14	4	3	10
number	6 901	5 089	1 151	492	241	240	251	225	169
Other ... farms	1 370	1 212	119	33	28	27	5	4	6
number	39 933	29 002	6 067	3 727	1 956	1 948	1 771	1 444	1 137
Hogs and pigs sold ... farms	1 110	970	105	28	24	23	4	3	7
number	59 378	44 094	8 937	4 199	2 214	2 212	1 985	1 638	2 148
$1,000	4 879	3 427	774	434	236	236	199	166	243
Feeder pigs sold ... farms	328	294	28	5	4	3	1	1	1
number	12 109	10 433	(D)	83	(D)	(D)	(D)	(D)	(D)
$1,000	373	319	(D)	4	(D)	(D)	(D)	(D)	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 ... farms	886	775	82	19	15	14	4	3	10
number	8 726	5 826	1 753	805	390	388	415	366	342
Dec. 1 and May 31 ... farms	735	646	66	14	10	10	4	3	9
number	4 537	3 098	867	386	192	192	194	170	186
June 1 and Nov. 30 ... farms	623	529	67	17	13	12	4	3	10
number	4 189	2 728	886	419	198	196	221	196	156
Sheep and lambs of all ages inventory ... farms	2 199	1 895	219	71	69	67	2	2	14
number	619 508	359 434	132 749	124 969	(D)	117 889	(D)	(D)	2 356
Ewes 1 year old or older ... farms	2 071	1 777	213	69	68	66	1	1	12
number	440 349	248 777	101 430	88 640	(D)	84 405	(D)	(D)	1 502
Sheep and lambs sold ... farms	2 079	1 784	211	72	70	68	2	2	12
number	482 846	276 653	97 292	107 381	(D)	102 581	(D)	(D)	1 520
Sheep and lambs shorn ... farms	2 024	1 731	210	71	70	68	1	1	12
number	534 781	296 177	121 201	115 200	(D)	109 610	(D)	(D)	2 203
pounds of wool	5 361 098	2 929 496	1 264 555	1 148 533	(D)	1 084 329	(D)	(D)	18 514
Horses and ponies inventory ... farms	5 941	5 030	656	211	201	192	10	9	44
number	27 079	21 787	3 624	1 494	1 427	1 350	67	65	174
Horses and ponies sold ... farms	1 086	946	107	30	28	25	2	2	3
number	2 875	2 422	351	98	(D)	85	(D)	(D)	4
$1,000	2 432	2 153	199	77	(D)	74	(D)	(D)	3
Goats inventory ... farms	123	108	7	2	2	2	–	–	6
number	1 028	992	(D)	(D)	(D)	(D)	–	–	6
Goats sold ... farms	38	38	–	–	–	–	–	–	–
number	229	229	–	–	–	–	–	–	–
$1,000	11	11	–	–	–	–	–	–	–
POULTRY									
Chickens 3 months old or older inventory ... farms	1 433	1 275	117	28	26	24	2	2	13
number	2 259 854	453 888	64 088	1 726 031	(D)	1 725 935	(D)	(D)	15 847
Farms with—									
1 to 399	1 399	1 256	113	19	17	15	2	2	11
400 to 3,199	11	9	2	–	–	–	–	–	–
3,200 to 9,999	6	3	1	–	–	–	–	–	2
10,000 to 19,999	2	2	–	–	–	–	–	–	–
20,000 to 49,999	4	3	–	1	1	1	–	–	–
50,000 to 99,999	4	1	1	2	2	2	–	–	–
100,000 or more	7	1	–	6	6	6	–	–	–
Hens and pullets of laying age ... farms	1 406	1 249	117	27	25	23	2	2	13
number	2 138 087	414 108	56 354	1 655 403	(D)	1 655 307	(D)	(D)	12 222
Pullets 3 months old or older not of laying age ... farms	182	160	10	9	9	9	–	–	3
number	121 767	39 780	7 734	70 628	70 628	70 628	–	–	3 625

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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
POULTRY—Con.									
Chickens 3 months old or older sold ... forms	106	77	16	11	11	11	–	–	2
number	940 231	232 441	(D)	668 973	668 973	668 973	–	–	(D)
Broilers and other meat-type chickens sold ... forms	35	29	6	–	–	–	–	–	–
number	1 423	1 258	165	–	–	–	–	–	–
Forms with—									
1 to 1,999	35	29	6	–	–	–	–	–	–
2,000 to 59,999	–	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	76	68	3	3	3	3	–	–	2
number	38 870	253	(D)	3 602	3 602	3 602	–	–	(D)
Turkeys sold ... forms	103	80	8	13	13	13	–	–	2
number	3 033 050	1 841 609	(D)	817 413	817 413	817 413	–	–	(D)
CROPS HARVESTED									
Corn for all purposes ... forms	2 336	1 866	317	114	102	97	12	10	39
acres	76 376	49 359	15 444	9 454	7 402	7 103	2 052	1 625	2 119
For grain or seed ... forms	510	439	50	17	15	15	2	2	4
acres	14 482	10 092	2 141	1 328	(D)	(D)	(D)	(D)	921
bushels	1 176 010	799 925	179 703	130 161	(D)	(D)	(D)	(D)	66 221
Irrigated ... forms	510	439	50	17	15	15	2	2	4
acres	14 482	10 092	2 141	1 328	(D)	(D)	(D)	(D)	921
Forms by acres harvested:									
1 to 24 acres	362	326	27	8	8	8	–	–	1
25 to 99 acres	124	99	18	5	5	5	–	–	2
100 to 499 acres	22	14	5	3	2	2	1	1	–
500 acres or more	2	–	–	1	–	–	1	1	1
Wheat for grain ... forms	2 072	1 670	272	88	80	73	8	7	42
acres	253 600	169 999	55 957	21 849	19 736	19 341	2 113	2 033	5 795
bushels	6 651 061	4 394 877	1 486 250	619 292	556 068	540 133	63 224	60 984	150 642
Irrigated ... forms	1 296	1 051	162	54	47	42	7	6	29
acres	36 419	22 821	8 826	3 537	2 363	2 220	1 174	1 094	1 235
Forms by acres harvested:									
1 to 24 acres	1 061	906	111	24	24	19	–	–	20
25 to 99 acres	530	423	78	24	20	19	4	3	5
100 to 499 acres	345	251	51	28	25	24	3	3	15
500 acres or more	136	90	32	12	11	11	1	1	2
Oats for grain ... forms	1 213	979	177	40	40	38	–	–	17
acres	14 743	11 069	2 572	910	910	836	–	–	192
bushels	784 187	586 517	143 048	45 806	45 806	42 106	–	–	8 816
Irrigated ... forms	1 135	917	163	40	40	38	–	–	15
acres	13 340	9 875	2 383	910	910	836	–	–	172
Barley for grain ... forms	4 348	3 543	551	184	174	165	10	8	70
acres	144 275	99 886	24 997	16 457	13 025	12 315	3 432	3 225	2 935
bushels	8 970 032	5 976 587	1 689 289	1 117 306	802 366	764 963	314 940	301 340	186 850
Irrigated ... forms	3 974	3 219	520	171	161	153	10	8	64
acres	123 674	84 082	22 897	13 928	10 575	10 026	3 353	3 225	2 767
Irish potatoes ... forms	160	127	13	9	8	8	1	1	11
acres	5 789	1 479	1 211	3 028	(D)	(D)	(D)	(D)	71
hundredweight	1 319 932	300 582	356 835	646 851	(D)	(D)	(D)	(D)	15 664
Irrigated ... forms	160	127	13	9	8	8	1	1	11
acres	5 789	1 479	1 211	3 028	(D)	(D)	(D)	(D)	71
Forms by acres harvested:									
0.1 to 0.9 acres	42	38	4	–	–	–	–	–	–
1.0 to 4.9 acres	55	50	2	1	1	1	–	–	2
5.0 to 24.9 acres	32	20	3	–	–	–	–	–	9
25.0 to 99.9 acres	22	18	2	2	2	2	–	–	–
100.0 acres or more	9	1	2	6	5	5	1	1	–
Sugar beets for sugar ... forms	252	193	42	14	14	13	–	–	3
acres	13 112	8 345	3 885	564	564	529	–	–	318
tons	239 040	152 353	69 371	11 274	11 274	10 574	–	–	6 042
Irrigated ... forms	252	193	42	14	14	13	–	–	3
acres	13 112	8 345	3 885	564	564	529	–	–	318
Hay crops (see text) ... forms	9 740	8 235	1 050	335	313	295	22	17	120
acres	622 418	428 924	108 297	76 694	70 127	64 723	6 567	5 023	8 503
tons, dry	1 749 997	1 188 427	326 949	208 594	186 785	171 523	21 809	17 559	26 027
Irrigated ... forms	9 019	7 585	1 003	320	299	281	21	17	111
acres	545 067	373 038	95 167	69 723	63 281	57 980	6 442	5 023	7 139
Forms by acres harvested:									
1 to 24 acres	4 308	3 909	302	50	49	48	1	1	47
25 to 99 acres	3 698	3 114	444	96	91	88	5	4	44
100 to 499 acres	1 625	1 170	272	154	143	132	11	9	29
500 acres or more	109	42	32	35	30	27	5	3	–
Alfalfa hay ... forms	8 826	7 442	973	298	281	266	17	15	113
acres	458 135	323 524	78 757	48 846	43 780	40 872	5 066	4 507	7 008
tons, dry	1 462 273	1 008 835	265 726	164 055	147 315	137 900	16 740	15 989	23 657
Irrigated ... forms	8 238	6 909	934	290	273	258	17	15	105
acres	407 952	285 450	72 143	44 520	39 454	36 649	5 066	4 507	5 839
All vegetables harvested for sale (see text) ... forms	512	412	65	19	18	18	1	1	16
acres	9 310	5 645	2 174	1 313	(D)	(D)	(D)	(D)	178
Irrigated ... forms	512	412	65	19	18	18	1	1	16
acres	9 310	5 645	2 174	1 313	(D)	(D)	(D)	(D)	178
Forms by acres harvested:									
0.1 to 4.9 acres	225	194	18	9	9	9	–	–	4
5.0 to 24.9 acres	173	139	21	4	4	4	–	–	9
25.0 to 99.9 acres	101	76	21	1	1	1	–	–	3
100.0 acres or more	13	3	5	5	4	4	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: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, etc.
CROPS HARVESTED—Con.									
Land in orchards ..... farms	1 061	927	93	23	21	20	2	2	18
acres	11 340	6 657	2 135	2 095	(D)	1 758	(D)	(D)	453
Irrigated ..... farms	1 002	873	88	23	21	20	2	2	18
acres	10 842	6 248	2 047	2 095	(D)	1 758	(D)	(D)	453
Farms by acres in orchards:									
0.1 to 4.9 acres	639	591	37	1	1	1	–	–	10
5.0 to 24.9 acres	340	291	34	13	12	11	1	1	2
25.0 to 99.9 acres	67	40	18	4	4	4	–	–	5
100.0 acres or more	15	5	4	5	4	4	1	1	1
Apples ..... farms	646	560	60	16	14	14	2	2	10
total acres	3 535	2 124	545	581	(D)	(D)	(D)	(D)	284
pounds	24 031 838	11 739 529	4 597 412	5 146 620	(D)	(D)	(D)	(D)	2 548 277

[1]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					
		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 AND LAND IN FARMS								
Farms ..... number	13 696	6 097	124	553	801	1 272	1 576	1 771
percent	100.0	44.5	0.9	4.0	5.8	9.2	11.5	12.9
Land in farms ..... acres	8 983 213	7 037 664	53 065	345 089	1 076 774	2 296 846	1 624 685	1 641 205
Average size of farm ..... acres	656	1 154	428	624	1 344	1 806	1 031	927
Value of land and buildings[1] ..... farms	13 696	6 210	145	594	827	1 259	1 469	1 916
$1,000	3 954 770	2 644 897	35 478	212 483	495 194	772 492	594 986	534 264
Average per farm ..... dollars	288 753	425 909	244 677	357 716	598 783	613 575	405 028	278 843
Average per acre ..... dollars	440	371	880	654	454	326	376	310
Farms by value of land and buildings:								
$1 to $19,999	741	199	9	14	26	29	25	96
$20,000 to $39,999	1 133	379	14	24	33	53	84	171
$40,000 to $69,999	2 005	557	29	54	55	49	106	264
$70,000 to $99,999	1 562	589	10	52	34	99	119	275
$100,000 to $149,999	1 877	674	2	84	83	76	162	267
$150,000 to $199,999	1 318	609	26	40	69	100	174	200
$200,000 to $499,999	3 314	1 873	32	214	275	450	461	441
$500,000 to $999,999	1 081	812	22	61	153	215	231	130
$1,000,000 or more	665	518	1	51	99	188	107	72
Owned and rented land by operator:								
Land owned ..... farms	12 949	5 775	71	448	757	1 240	1 537	1 722
acres	6 507 815	4 936 211	30 280	223 702	653 448	1 698 019	1 071 663	1 259 099
Land rented or leased from others ..... farms	4 901	2 681	75	358	431	627	686	504
acres	2 752 597	2 196 453	22 948	124 572	441 622	615 925	580 497	410 889
Land rented or leased to others ..... farms	1 064	433	6	22	50	71	117	167
acres	277 199	95 000	163	3 185	18 296	17 098	27 475	28 783
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	12 588	5 741	91	493	751	1 206	1 500	1 700
acres	2 005 540	1 449 810	21 309	122 444	250 641	406 033	374 471	274 912
Harvested cropland ..... farms	11 584	5 507	86	467	726	1 161	1 458	1 609
acres	1 157 643	890 829	14 130	82 096	165 848	256 974	225 306	146 475
Farms by acres harvested:								
1 to 49 acres	6 572	1 987	31	107	156	250	485	958
50 to 99 acres	2 014	1 137	23	90	144	240	322	318
100 to 199 acres	1 564	1 158	18	132	185	328	330	165
200 to 499 acres	1 067	890	9	116	161	233	246	125
500 to 999 acres	244	217	3	15	50	72	50	27
1,000 to 1,999 acres	103	98	2	6	26	29	21	14
2,000 acres or more	20	20	–	1	4	9	4	2
Cropland:								
Pasture or grazing only ..... farms	6 103	2 674	24	203	354	530	718	845
acres	479 934	295 596	2 543	23 549	40 287	75 166	76 661	77 390
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	509	266	4	28	44	59	67	64
acres	22 264	15 462	66	1 549	4 354	3 607	3 175	2 711
On which all crops failed ..... farms	672	346	6	39	54	61	86	100
acres	25 118	18 163	360	1 955	3 505	3 993	4 264	4 086
In cultivated summer fallow ..... farms	1 410	809	14	67	121	176	216	215
acres	224 777	175 023	3 252	9 319	27 860	52 931	49 000	32 661
Idle ..... farms	1 851	929	19	85	139	216	244	226
acres	95 804	54 737	958	3 976	8 787	13 362	16 065	11 589
Total woodland ..... farms	505	263	5	17	42	64	65	70
acres	215 523	170 934	3 500	16 753	29 104	43 580	20 497	57 500
Woodland pastured ..... farms	309	172	4	10	19	52	45	42
acres	167 831	132 359	(D)	(D)	17 682	35 921	13 872	50 112
Woodland not pastured ..... farms	238	114	1	7	27	20	24	35
acres	47 692	38 575	(D)	(D)	11 422	7 659	6 625	7 388
Pastureland and rangeland other than cropland and woodland pastured ..... farms	4 498	2 455	29	187	325	587	663	664
acres	6 538 424	5 277 944	(D)	(D)	772 217	1 817 190	1 192 777	1 277 131
Land in house lots, ponds, roads, wasteland, etc. ..... farms	7 238	3 267	63	291	441	666	849	957
acres	223 726	138 976	908	14 611	24 812	30 043	36 940	31 662
Pastureland, all types ..... farms	9 164	4 288	46	330	566	931	1 144	1 271
acres	7 186 189	5 705 899	33 321	226 172	830 186	1 928 277	1 283 310	1 404 633
Irrigated land ..... farms	11 578	5 335	84	459	699	1 127	1 397	1 569
acres	1 158 911	858 753	10 674	84 111	153 872	241 211	221 894	146 991
Harvested cropland irrigated ..... farms	10 669	5 133	80	444	672	1 087	1 354	1 496
acres	833 715	640 218	9 057	64 533	124 224	186 779	157 939	97 686
Pastureland irrigated ..... farms	5 044	2 191	16	182	291	467	588	647
acres	307 006	206 923	1 490	18 494	26 839	50 809	61 938	47 353
Other land irrigated ..... farms	734	368	7	37	60	76	88	100
acres	18 190	11 612	127	1 084	2 809	3 623	2 017	1 952
Land set aside in the federal farm programs in 1978 ..... farms	1 352	868	16	75	118	257	229	173
acres	49 876	39 130	370	2 497	6 302	14 779	9 694	5 488
RACE AND TENURE OF OPERATOR								
All operators ..... number	13 696	6 097	124	553	801	1 272	1 576	1 771
Full owners ..... number	8 828	3 430	50	195	372	648	894	1 271
Part owners ..... number	4 097	2 336	21	252	382	592	640	449
Tenants ..... number	771	331	53	106	47	32	42	51
White ..... number	13 559	6 006	124	552	799	1 238	1 529	1 764
Full owners ..... number	8 766	3 400	50	195	371	639	878	1 267
Part owners ..... number	4 039	2 284	21	251	381	570	614	447
Tenants ..... number	754	322	53	106	47	29	37	50
Black and other races ..... number	137	91	–	1	2	34	47	7
Full owners ..... number	62	30	–	–	1	9	16	4
Part owners ..... number	58	52	–	1	1	22	26	2
Tenants ..... number	17	9	–	–	–	3	5	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Other occupations						
			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 AND LAND IN FARMS								
Farms	number	7 599	142	840	1 930	2 337	1 616	734
	percent	55.4	1.0	6.1	14.0	17.0	11.7	5.3
Land in farms	acres	1 945 549	13 972	118 334	435 010	622 299	551 934	204 000
Average size of farm	acres	256	98	141	225	266	342	278
Value of land and buildings[1]	farms	7 486	138	798	1 775	2 376	1 603	796
	$1,000	1 309 873	15 343	123 534	313 900	450 344	282 166	124 585
Average per farm	dollars	174 976	111 179	154 804	176 845	189 538	176 023	156 514
Average per acre	dollars	704	832	1 181	853	727	546	536
Farms by value of land and buildings:								
$1 to $19,999		542	10	61	100	171	116	84
$20,000 to $39,999		754	24	71	190	218	171	80
$40,000 to $69,999		1 448	22	164	301	417	339	205
$70,000 to $99,999		973	29	125	229	305	182	103
$100,000 to $149,999		1 203	18	154	363	316	254	98
$150,000 to $199,999		709	5	58	166	262	167	51
$200,000 to $499,999		1 441	30	135	339	527	267	143
$500,000 to $999,999		269	–	11	60	99	78	21
$1,000,000 or more		147	–	19	27	61	29	11
Owned and rented land by operator:								
Land owned	farms	7 174	110	702	1 825	2 248	1 571	718
	acres	1 571 604	9 598	67 835	331 144	484 604	474 180	204 243
Land rented or leased from others	farms	2 220	56	372	634	653	364	141
	acres	556 144	6 816	58 159	144 401	188 427	122 795	35 546
Land rented or leased to others	farms	631	5	42	141	194	161	88
	acres	182 199	2 442	7 660	40 535	50 732	45 041	35 789
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	6 847	117	718	1 744	2 118	1 488	662
	acres	555 730	7 347	49 232	145 434	170 824	127 630	55 263
Harvested cropland	farms	6 077	106	618	1 517	1 893	1 348	595
	acres	266 814	4 278	26 823	66 839	86 625	61 136	21 113
Farms by acres harvested:								
1 to 49 acres		4 585	71	454	1 135	1 408	1 026	491
50 to 99 acres		877	27	104	219	285	182	60
100 to 199 acres		406	6	40	117	120	95	28
200 to 499 acres		177	1	16	36	74	35	15
500 to 999 acres		27	1	4	9	4	9	–
1,000 to 1,999 acres		5	–	–	1	2	1	1
2,000 acres or more		–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only	farms	3 429	41	347	909	1 092	748	292
	acres	184 338	1 610	15 009	52 235	55 375	40 182	19 927
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	243	1	31	68	76	52	15
	acres	6 802	(D)	414	1 839	2 293	1 824	(D)
On which all crops failed	farms	326	9	47	83	101	59	27
	acres	6 955	(D)	1 258	1 876	1 975	1 295	(D)
In cultivated summer fallow	farms	601	18	46	128	183	152	74
	acres	49 754	1 014	3 402	12 389	14 219	12 113	6 617
Idle	farms	922	15	119	208	293	212	75
	acres	41 067	352	2 326	10 256	10 337	11 080	6 716
Total woodland	farms	242	–	24	45	93	56	24
	acres	44 589	–	2 778	6 167	23 658	8 070	3 916
Woodland pastured	farms	137	–	10	20	59	34	14
	acres	35 472	–	2 326	4 476	19 210	6 321	3 139
Woodland not pastured	farms	124	–	18	27	39	26	14
	acres	9 117	–	452	1 691	4 448	1 749	777
Pastureland and rangeland other than cropland and woodland pastured	farms	2 043	19	176	494	671	454	229
	acres	1 260 480	5 899	61 118	263 700	390 932	400 720	138 111
Land in house lots, ponds, roads, wasteland, etc.	farms	3 971	78	456	996	1 239	823	379
	acres	84 750	726	5 206	19 709	36 885	15 514	6 710
Pastureland, all types	farms	4 876	60	479	1 242	1 562	1 066	467
	acres	1 480 290	7 509	78 453	320 411	465 517	447 223	161 177
Irrigated land	farms	6 243	102	652	1 593	1 968	1 355	573
	acres	300 158	4 535	30 960	78 600	100 945	63 007	22 111
Harvested cropland irrigated	farms	5 536	90	569	1 392	1 752	1 215	518
	acres	193 497	3 267	21 283	50 071	63 884	41 406	13 586
Pastureland irrigated	farms	2 853	46	309	745	948	601	204
	acres	100 083	1 188	9 078	25 931	35 292	20 273	8 321
Other land irrigated	farms	366	13	37	97	126	70	23
	acres	6 578	80	599	2 598	1 769	1 328	204
Land set aside in the federal farm programs in 1978	farms	484	8	49	87	165	130	45
	acres	10 746	161	1 665	2 903	2 612	2 655	750
RACE AND TENURE OF OPERATOR								
All operators	number	7 599	142	840	1 930	2 337	1 616	734
Full owners	number	5 398	86	468	1 305	1 690	1 256	593
Part owners	number	1 761	23	232	517	553	312	124
Tenants	number	440	33	140	108	94	48	17
White	number	7 553	142	834	1 917	2 318	1 610	732
Full owners	number	5 366	86	464	1 295	1 678	1 252	591
Part owners	number	1 755	23	231	514	551	312	124
Tenants	number	432	33	139	108	89	46	17
Black and other races	number	46	–	6	13	19	6	2
Full owners	number	32	–	4	10	12	4	2
Part owners	number	6	–	1	3	2	–	–
Tenants	number	8	–	1	–	5	2	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	11 633	4 910	97	425	611	995	1 264	1 518
... acres	4 956 822	3 718 950	23 637	208 875	623 232	1 078 814	1 011 349	773 043
Partnership ... farms	1 423	754	16	79	112	164	206	177
... acres	2 043 247	1 594 712	19 674	46 055	272 768	434 714	344 153	477 348
Corporations:								
Family held ... farms	441	313	9	27	57	82	71	67
... acres	1 800 201	1 590 072	(D)	(D)	153 784	758 986	204 058	384 134
More than 10 stockholders ... farms	20	15	–	–	8	3	2	2
10 or less stockholders ... farms	421	298	9	27	49	79	69	65
Other than family held ... farms	38	26	–	7	6	4	7	2
... acres	80 129	53 230	–	(D)	6 733	10 743	24 928	(D)
More than 10 stockholders ... farms	6	3	–	3	–	–	–	–
10 or less stockholders ... farms	32	23	–	4	6	4	7	2
Other—cooperative, estate or trust, etc. ... farms	161	94	2	15	15	27	28	7
... acres	102 814	80 700	(D)	5 295	20 257	13 589	40 197	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	8 857	4 256	86	336	580	920	1 103	1 231
Not on farm operated	3 537	1 242	33	176	152	243	294	344
Operators by age group:								
Under 25 years	266	124	124	–	–	–	–	–
25 to 34 years	1 393	553	–	553	–	–	–	–
35 to 44 years	2 731	801	–	–	801	–	–	–
45 to 54 years	3 609	1 272	–	–	–	1 272	–	–
55 to 64 years	3 192	1 576	–	–	–	–	1 576	–
65 years and over	2 505	1 771	–	–	–	–	–	1 771
Average age	51.3	54.8	22.0	29.6	39.7	49.8	59.6	71.2
Operators by sex:								
Male	13 322	5 924	124	546	784	1 241	1 520	1 709
Female	374	173	–	7	17	31	56	62
Operators of Spanish origin	50	20	1	1	3	6	5	4
Operators by principal occupation:								
Farming	6 097	6 097	124	553	801	1 272	1 576	1 771
Other	7 599	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	4 396	3 815	57	247	457	752	1 000	1 302
1 to 99 days	1 268	870	23	126	120	209	209	183
100 to 199 days	1 472	473	17	84	93	103	125	51
200 days or more	6 034	413	19	70	75	110	97	42
FARMS BY SIZE								
1 to 9 acres	1 841	420	33	52	47	62	83	143
10 to 49 acres	3 562	885	25	58	67	106	209	420
50 to 69 acres	909	330	4	28	30	36	77	155
70 to 99 acres	1 042	441	4	35	58	79	113	152
100 to 139 acres	958	491	13	46	57	89	145	141
140 to 179 acres	791	432	1	42	62	108	114	105
180 to 219 acres	503	293	4	29	34	82	74	70
220 to 259 acres	418	276	10	25	44	60	77	60
260 to 499 acres	1 388	890	9	111	143	213	227	187
500 to 999 acres	937	629	9	60	94	150	189	127
1,000 to 1,999 acres	597	417	4	34	69	115	114	81
2,000 acres or more	750	593	8	33	96	172	154	130
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	1 126	475	7	39	57	100	128	144
Field crop, except cash grain farms (013)	2 072	816	25	96	106	141	175	273
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 072	816	25	96	106	141	175	273
Vegetable and melon farms (016)	189	92	–	5	4	25	36	22
Fruit and tree nut farms (017)	613	185	3	14	10	29	59	70
Horticultural specialty farms (018)	154	70	1	5	27	12	13	12
General farms, primarily crop (019)	554	241	8	22	26	52	66	67
Livestock farms, except dairy, poultry, and animal specialty (021)	6 885	2 960	53	218	328	590	769	1 002
Beef cattle farms, except feedlots (0212)	4 521	1 934	33	120	217	370	523	671
Dairy farms (024)	1 094	925	12	113	190	249	242	119
Poultry and egg farms (025)	153	90	3	17	20	19	23	8
Animal specialty farms (027)	676	174	9	16	24	43	42	40
General farms, primarily livestock (029)	180	69	3	8	9	12	23	14
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	13 696	6 097	124	553	801	1 272	1 576	1 771
... $1,000	461 313	370 164	3 742	39 526	77 154	110 590	91 077	48 077
Farms by value of agricultural products sold:								
$500,000 or more	87	73	–	7	21	19	18	8
$200,000 to $499,999	280	255	1	21	58	83	61	31
$100,000 to $199,999	594	543	7	63	104	183	133	53
$40,000 to $99,999	1 442	1 236	23	142	221	332	363	155
$20,000 to $39,999	1 437	987	21	121	144	237	289	175
$10,000 to $19,999	1 779	921	23	80	112	183	252	271
$5,000 to $9,999	2 003	710	12	42	62	99	174	321
$2,500 to $4,999	2 126	657	14	33	41	73	133	363
Less than $2,500	3 948	715	23	44	38	63	153	394

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						
		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 BY TYPE OF ORGANIZATION							
Individual or family ... forms	6 723	126	731	1 724	2 080	1 442	620
acres	1 237 872	12 912	75 142	301 611	418 654	290 176	139 377
Partnership ... forms	669	15	97	163	196	119	79
acres	448 535	(D)	(D)	102 322	120 879	157 273	25 344
Corporations:							
Family held ... forms	128	–	3	24	36	39	26
acres	210 129	–	200	9 611	64 492	99 985	35 841
More than 10 stockholders ... forms	5	–	–	–	1	2	2
10 or less stockholders ... forms	123	–	3	24	35	37	24
Other than family held ... forms	12	–	–	5	6	1	–
acres	26 899	–	–	16 858	(D)	(D)	–
More than 10 stockholders ... forms	3	–	–	–	2	1	–
10 or less stockholders ... forms	9	–	–	5	4	–	–
Other—cooperative, estate or trust, etc. ... forms	67	1	9	14	19	15	9
acres	22 114	(D)	(D)	4 608	(D)	(D)	3 438
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 601	73	539	1 226	1 385	937	441
Not on farm operated	2 295	55	238	531	748	502	221
Operators by age group:							
Under 25 years	142	142	–	–	–	–	–
25 to 34 years	840	–	840	–	–	–	–
35 to 44 years	1 930	–	–	1 930	–	–	–
45 to 54 years	2 337	–	–	–	2 337	–	–
55 to 64 years	1 616	–	–	–	–	1 616	–
65 years and over	734	–	–	–	–	–	734
Average age	48.4	22.4	30.1	39.7	49.5	59.1	70.2
Operators by sex:							
Male	7 398	142	829	1 904	2 286	1 562	675
Female	201	–	11	26	51	54	59
Operators of Spanish origin	30	–	1	15	11	2	1
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	7 599	142	840	1 930	2 337	1 616	734
Operators reporting days of work off farm:							
None	581	6	18	47	60	128	322
1 to 99 days	398	17	38	68	114	77	84
100 to 199 days	999	28	78	248	295	226	124
200 days or more	5 621	91	706	1 567	1 868	1 185	204
FARMS BY SIZE							
1 to 9 acres	1 421	32	218	419	409	237	106
10 to 49 acres	2 677	55	280	642	816	592	292
50 to 69 acres	579	7	69	146	191	108	58
70 to 99 acres	601	26	71	139	170	141	54
100 to 139 acres	467	5	52	121	149	101	39
140 to 179 acres	359	7	39	105	99	72	37
180 to 219 acres	210	1	12	53	66	64	14
220 to 259 acres	142	–	13	46	31	42	10
260 to 499 acres	498	5	39	113	174	109	58
500 to 999 acres	308	1	25	63	113	74	32
1,000 to 1,999 acres	180	1	12	49	62	42	14
2,000 acres or more	157	2	10	34	57	34	20
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	651	21	85	162	190	135	58
Field crop, except cash grain farms (013)	1 256	24	128	317	362	302	123
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 256	24	128	317	362	302	123
Vegetable and melon farms (016)	97	–	15	18	37	18	9
Fruit and tree nut farms (017)	428	7	46	86	151	78	60
Horticultural specialty farms (018)	84	–	15	16	25	11	17
General farms, primarily crop (019)	313	2	38	103	88	63	19
Livestock farms, except dairy, poultry, and animal specialty (021)	3 925	70	396	982	1 205	870	402
Beef cattle farms, except feedlots (0212)	2 587	39	254	628	814	575	277
Dairy farms (024)	169	3	15	38	66	37	10
Poultry and egg farms (025)	63	–	13	25	12	8	5
Animal specialty farms (027)	502	15	71	148	169	76	23
General farms, primarily livestock (029)	111	–	18	35	32	18	8
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... forms	7 599	142	840	1 930	2 337	1 616	734
$1,000	91 149	1 369	7 576	24 703	32 625	18 887	5 989
Farms by value of agricultural products sold:							
$500,000 or more	14	–	–	7	4	3	–
$200,000 to $499,999	25	–	4	9	2	6	4
$100,000 to $199,999	51	2	4	12	21	7	5
$40,000 to $99,999	206	3	24	40	83	44	12
$20,000 to $39,999	450	10	46	131	146	88	29
$10,000 to $19,999	858	29	87	217	291	171	63
$5,000 to $9,999	1 293	19	132	303	403	310	126
$2,500 to $4,999	1 469	28	170	319	470	324	158
Less than $2,500	3 233	51	373	892	917	663	337

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... forms	3 696	2 009	47	186	255	460	524	537
$1,000	28 169	22 127	320	1 808	4 089	7 520	5 223	3 168
Sales of $40,000 or more ... forms	117	108	3	6	23	39	20	17
$1,000	9 948	9 438	175	480	2 009	4 048	1 534	1 192
Commodity Credit Corporation loans ... forms	360	245	7	31	30	77	55	45
$1,000	1 503	1 319	30	161	159	578	269	121
Cotton and cottonseed ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	3 869	1 733	42	193	205	335	436	522
$1,000	32 331	24 142	436	3 432	5 505	6 631	4 663	3 476
Sales of $40,000 or more ... forms	142	136	2	20	31	46	21	16
$1,000	12 802	12 247	(D)	(D)	3 679	4 053	1 589	1 136
Vegetables, sweet corn, and melons ... forms	512	288	2	30	25	72	83	76
$1,000	7 019	5 692	(D)	(D)	628	1 871	2 371	543
Sales of $40,000 or more ... forms	41	38	–	1	4	12	18	3
$1,000	4 119	3 535	–	(D)	436	1 111	1 721	(D)
Fruits, nuts, and berries ... forms	673	227	3	16	14	39	68	87
$1,000	9 394	6 551	78	965	679	1 499	2 952	379
Sales of $40,000 or more ... forms	44	30	–	4	3	7	16	–
$1,000	6 200	5 116	–	841	574	1 119	2 582	–
Nursery and greenhouse products ... forms	177	88	1	8	29	19	18	13
$1,000	14 231	11 211	(D)	4 984	3 649	1 059	1 242	(D)
Sales of $40,000 or more ... forms	40	30	–	3	12	6	8	1
$1,000	12 873	10 466	–	4 949	3 390	(D)	1 098	(D)
Other crops ... forms	381	287	3	31	43	86	86	38
$1,000	10 445	9 961	18	597	3 449	3 334	2 108	456
Sales of $40,000 or more ... forms	48	47	–	4	12	19	10	2
$1,000	7 143	7 093	–	(D)	2 889	2 519	1 338	(D)
Poultry and poultry products ... forms	467	190	4	23	31	33	50	49
$1,000	53 874	39 254	470	6 418	11 967	9 715	6 281	4 403
Sales of $40,000 or more ... forms	115	80	3	14	19	19	22	3
$1,000	53 475	38 984	470	6 364	11 924	9 693	6 216	4 317
Dairy products ... forms	1 312	1 030	14	121	210	270	276	139
$1,000	89 443	82 669	820	10 793	20 176	21 479	22 743	6 659
Sales of $40,000 or more ... forms	728	678	6	90	161	185	182	54
$1,000	80 495	75 534	579	10 114	19 127	19 631	20 728	5 355
Cattle and calves ... forms	8 097	4 128	61	377	570	891	1 086	1 143
$1,000	165 919	129 103	1 117	8 110	20 099	44 406	35 097	20 275
Sales of $40,000 or more ... forms	707	617	7	53	97	178	180	102
$1,000	110 260	93 240	578	4 568	14 831	35 765	25 113	12 386
Hogs and pigs ... forms	1 110	430	6	42	69	99	109	105
$1,000	4 879	3 307	12	815	646	758	859	217
Sales of $40,000 or more ... forms	27	23	–	6	5	6	5	1
$1,000	2 185	1 973	–	639	435	423	(D)	(D)
Sheep, lambs, and wool ... forms	2 164	1 027	16	74	128	221	247	341
$1,000	30 775	26 107	141	1 052	3 934	9 079	5 374	6 527
Sales of $40,000 or more ... forms	191	165	1	7	26	59	36	36
$1,000	23 218	21 435	(D)	(D)	3 329	7 904	4 087	5 460
Other livestock and livestock products (see text) ... forms	1 508	489	11	37	77	118	134	112
$1,000	14 835	10 038	308	276	2 334	3 239	2 164	1 717
Sales of $40,000 or more ... forms	105	82	4	2	16	25	24	11
$1,000	10 461	8 587	(D)	(D)	2 244	2 838	1 806	1 391
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... forms	5 841	2 724	73	317	365	580	634	755
$1,000	74 355	56 220	2 059	4 518	9 273	21 143	13 328	5 898
Farms with expenses of—								
$1 to $4,999	4 385	1 691	34	180	181	312	378	606
$5,000 to $19,999	837	512	26	72	98	123	119	74
$20,000 to $49,999	374	302	2	47	59	55	88	51
$50,000 or more	245	219	11	18	27	90	49	24
Feed for livestock and poultry ... forms	8 956	4 190	93	416	579	885	1 016	1 201
$1,000	101 111	81 721	1 773	9 817	20 298	22 076	17 975	9 783
Farms with expenses of—								
$1 to $4,999	6 765	2 442	37	215	254	393	585	958
$5,000 to $19,999	1 256	934	30	110	144	259	240	151
$20,000 to $49,999	560	489	11	54	101	145	119	59
$50,000 or more	375	325	15	37	80	88	72	33
Commercially mixed formula feeds ... forms	3 308	1 773	40	219	287	455	412	360
tons	392 147	311 608	5 508	45 387	85 109	76 815	64 732	34 056
$1,000	55 673	44 797	784	6 510	13 259	11 081	8 651	4 512
Forms by tons purchased:								
1 to 99 tons	2 708	1 260	32	150	162	311	295	310
100 to 499 tons	450	399	2	53	96	118	89	41
500 tons or more	150	114	6	16	29	26	28	9
Forms with expenses of—								
$1 to $4,999	2 268	904	14	117	96	212	206	259
$5,000 to $19,999	628	520	18	49	110	152	109	82
$20,000 to $49,999	218	193	2	32	36	54	61	8
$50,000 or more	194	156	6	21	45	37	36	11

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						
			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 PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain	forms	1 687	40	183	423	546	361	134
	$1,000	6 041	139	612	1 693	1 931	1 243	424
Sales of $40,000 or more	forms	9	–	–	5	3	1	–
	$1,000	510	–	–	234	(D)	(D)	–
Commodity Credit Corporation loans	forms	115	2	17	24	31	30	11
	$1,000	184	(D)	(D)	46	44	48	14
Cotton and cottonseed	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Tobacco	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	2 136	38	251	542	640	479	186
	$1,000	8 188	326	870	2 119	2 586	1 750	537
Sales of $40,000 or more	forms	6	–	–	3	3	–	–
	$1,000	555	–	–	232	323	–	–
Vegetables, sweet corn, and melons	forms	224	4	25	53	80	45	17
	$1,000	1 327	22	48	618	453	99	87
Sales of $40,000 or more	forms	3	–	–	1	2	–	–
	$1,000	584	–	–	(D)	(D)	–	–
Fruits, nuts, and berries	forms	446	8	30	113	148	80	67
	$1,000	2 842	73	187	368	1 044	337	833
Sales of $40,000 or more	forms	14	1	–	1	7	1	4
	$1,000	1 084	(D)	–	(D)	365	(D)	516
Nursery and greenhouse products	forms	89	–	15	18	28	11	17
	$1,000	3 020	–	326	1 279	244	1 024	147
Sales of $40,000 or more	forms	10	–	2	3	2	2	1
	$1,000	2 407	–	(D)	1 122	(D)	(D)	(D)
Other crops	forms	94	8	2	28	29	23	4
	$1,000	484	(D)	(D)	222	136	88	6
Sales of $40,000 or more	forms	1	–	–	1	–	–	–
	$1,000	(D)	–	–	(D)	–	–	–
Poultry and poultry products	forms	277	9	49	93	75	36	15
	$1,000	14 620	2	1 694	7 601	1 069	4 123	133
Sales of $40,000 or more	forms	35	–	7	16	5	6	1
	$1,000	14 491	–	(D)	7 579	1 049	4 114	(D)
Dairy products	forms	282	3	37	74	101	51	16
	$1,000	6 774	155	260	1 511	1 908	2 097	841
Sales of $40,000 or more	forms	50	2	3	8	17	16	4
	$1,000	4 961	(D)	(D)	904	1 274	1 759	751
Cattle and calves	forms	3 969	50	379	987	1 264	907	382
	$1,000	36 816	250	2 235	6 331	19 292	6 480	2 229
Sales of $40,000 or more	forms	90	–	6	13	42	24	5
	$1,000	17 020	–	328	1 366	12 789	2 010	527
Hogs and pigs	forms	680	22	87	226	218	97	30
	$1,000	1 572	77	307	385	436	261	105
Sales of $40,000 or more	forms	4	–	3	–	–	1	–
	$1,000	211	–	(D)	–	–	(D)	–
Sheep, lambs, and wool	forms	1 137	25	97	315	325	255	120
	$1,000	4 667	59	472	1 145	1 659	798	534
Sales of $40,000 or more	forms	26	–	2	7	9	4	4
	$1,000	1 782	–	(D)	376	712	256	(D)
Other livestock and livestock products (see text)	forms	1 019	32	153	326	312	149	47
	$1,000	4 798	238	561	1 432	1 866	586	115
Sales of $40,000 or more	forms	23	2	3	6	10	2	–
	$1,000	1 873	(D)	219	627	768	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	forms	3 117	58	422	819	1 041	563	214
	$1,000	18 135	175	827	2 814	9 987	3 597	734
Farms with expenses of—								
$1 to $4,999		2 694	41	391	704	881	489	188
$5,000 to $19,999		325	17	23	90	119	58	18
$20,000 to $49,999		72	–	8	14	33	11	6
$50,000 or more		26	–	–	11	8	5	2
Feed for livestock and poultry	forms	4 766	81	573	1 235	1 500	959	418
	$1,000	19 390	122	1 901	6 557	6 145	3 484	1 182
Farms with expenses of—								
$1 to $4,999		4 323	79	530	1 124	1 357	869	364
$5,000 to $19,999		322	1	25	66	119	62	49
$20,000 to $49,999		71	1	13	28	10	19	–
$50,000 or more		50	–	5	17	14	9	5
Commercially mixed formula feeds	forms	1 535	20	240	433	460	289	93
	tons	80 539	131	6 922	32 706	22 967	14 202	3 611
	$1,000	10 876	14	929	4 763	2 828	1 859	484
Farms by tons purchased:								
1 to 99 tons		1 448	20	235	403	443	263	84
100 to 499 tons		51	–	1	19	11	13	7
500 tons or more		36	–	4	11	6	13	2
Farms with expenses of—								
$1 to $4,999		1 364	20	229	373	413	251	78
$5,000 to $19,999		108	–	7	36	36	18	11
$20,000 to $49,999		25	–	–	10	1	13	1
$50,000 or more		38	–	4	14	10	7	3

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... farms	8 393	4 211	105	434	630	932	1 002	1 108
$1,000	3 663	2 687	46	306	578	742	651	364
Farms with expenses of—								
$1 to $499	6 694	2 865	70	280	359	540	656	960
$500 to $999	851	650	19	78	128	182	165	78
$1,000 to $2,999	648	540	16	58	104	168	143	51
$3,000 or more	200	156	–	18	39	42	38	19
Seeds, bulbs, plants, and trees ... farms	6 333	3 509	53	376	512	787	868	913
$1,000	7 071	5 519	66	809	1 481	1 272	1 297	593
Farms with expenses of—								
$1 to $999	4 837	2 269	36	186	243	416	605	783
$1,000 to $4,999	1 315	1 075	16	160	228	335	221	115
$5,000 to $9,999	117	110	–	24	22	25	29	10
$10,000 or more	64	55	1	6	19	11	13	5
Commercial fertilizer ... farms	6 584	3 456	59	392	486	787	879	853
$1,000	11 753	9 676	123	993	2 162	3 222	2 090	1 084
Farms with expenses of—								
$1 to $2,499	5 449	2 469	43	267	289	450	638	782
$2,500 to $9,999	963	820	12	115	145	282	213	53
$10,000 to $19,999	112	109	4	8	39	25	22	11
$20,000 or more	60	58	–	2	13	30	6	7
Other agricultural chemicals including lime ... farms	6 538	3 648	83	402	544	823	867	929
$1,000	4 581	3 886	75	414	933	1 095	759	610
Farms with expenses of—								
$1 to $2,499	6 149	3 282	71	344	470	721	799	877
$2,500 to $9,999	334	314	12	55	56	88	59	44
$10,000 to $19,999	39	37	–	3	11	11	7	5
$20,000 or more	16	15	–	–	7	3	2	3
Energy and petroleum products ... farms	13 587	6 165	145	582	827	1 247	1 456	1 908
$1,000	31 412	24 443	315	2 783	5 232	6 789	5 735	3 588
Farms with expenses of—								
$1 to $2,499	10 412	3 603	95	292	324	498	786	1 608
$2,500 to $9,999	2 652	2 099	48	244	397	589	572	249
$10,000 to $19,999	346	296	2	30	65	108	61	30
$20,000 or more	177	167	–	16	41	52	37	21
Petroleum products ... farms	13 568	6 161	141	582	827	1 247	1 456	1 908
$1,000	22 432	16 888	255	1 798	3 316	4 752	4 105	2 663
Gasoline ... farms	13 088	5 998	135	565	813	1 228	1 406	1 851
$1,000	12 860	9 491	166	906	1 629	2 689	2 422	1 679
Diesel fuel ... farms	7 654	4 290	99	481	659	1 016	1 081	954
$1,000	6 022	4 620	50	528	971	1 406	1 061	604
LP gas, butane, and propane ... farms	1 648	1 080	40	167	159	303	214	197
$1,000	923	741	16	122	191	189	128	95
Fuel oil ... farms	931	599	10	65	116	137	123	148
$1,000	339	298	2	21	87	74	63	50
Natural gas ... farms	622	455	5	45	107	87	128	83
$1,000	724	616	1	92	242	90	156	36
Kerosene, motor oil, and grease ... farms	13 558	6 154	141	582	826	1 246	1 451	1 908
$1,000	1 564	1 122	20	127	197	304	275	200
Electricity ... farms	7 426	4 116	78	391	674	935	1 025	1 013
$1,000	8 675	7 314	56	902	1 886	2 007	1 576	889
Other—coal, wood, coke, etc. ... farms	984	619	17	62	100	114	160	166
$1,000	305	241	5	84	31	31	54	37
Hired farm labor ... farms	6 379	3 634	62	366	583	876	873	874
$1,000	34 067	28 452	183	3 743	6 516	8 060	6 301	3 649
Farms with expenses of—								
$1 to $4,999	5 037	2 497	53	270	347	512	582	733
$5,000 to $19,999	956	783	9	65	151	241	217	100
$20,000 to $49,999	291	271	–	25	60	102	56	28
$50,000 or more	95	83	–	6	25	21	18	13
Workers by number of days worked:								
150 days or more ... farms	2 151	1 705	27	152	319	490	457	260
workers	5 488	4 655	31	556	1 058	1 287	1 135	588
Less than 150 days ... farms	5 612	3 075	61	330	460	757	716	751
workers	23 845	15 434	133	1 542	2 303	4 187	4 125	3 144
Contract labor ... farms	1 325	726	6	73	119	190	184	154
$1,000	3 031	2 311	2	177	453	595	891	194
Farms with expenses of—								
$1 to $2,499	1 047	500	6	52	63	123	115	141
$2,500 to $9,999	231	183	–	19	47	55	50	12
$10,000 to $19,999	33	31	–	1	6	8	15	1
$20,000 or more	14	12	–	1	3	4	4	–
Customwork, machine hire, and rental of machinery and equipment ... farms	6 727	3 102	73	266	365	664	748	986
$1,000	6 217	4 094	40	381	754	945	1 128	845
Farms with expenses of—								
$1 to $2,499	6 168	2 660	70	217	272	560	649	892
$2,500 to $9,999	511	396	3	46	75	93	88	91
$10,000 to $19,999	38	36	–	2	17	5	9	3
$20,000 or more	10	10	–	1	1	6	2	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	1 181	708	21	112	130	171	146	128
$1,000	2 595	1 939	68	318	315	590	434	215
Value of agricultural products sold directly to individuals for human consumption ... farms	1 263	485	5	55	50	113	116	146
$1,000	3 488	2 164	2	233	176	581	758	415

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					
		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
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs ... farms	4 182	71	494	1 105	1 325	828	359
$1,000	976	8	86	319	324	166	72
Farms with expenses of—							
$1 to $499	3 829	70	458	985	1 194	778	344
$500 to $999	201	1	20	55	97	20	8
$1,000 to $2,999	108	–	16	44	23	25	–
$3,000 or more	44	–	–	21	11	5	7
Seeds, bulbs, plants, and trees ... farms	2 824	45	302	632	880	697	268
$1,000	1 552	17	92	354	385	584	119
Farms with expenses of—							
$1 to $999	2 568	39	294	568	782	631	254
$1,000 to $4,999	240	6	8	58	94	63	11
$5,000 to $9,999	7	–	–	2	3	1	1
$10,000 or more	9	–	–	4	1	2	2
Commercial fertilizer ... farms	3 128	42	316	728	1 044	675	323
$1,000	2 078	26	181	522	763	398	187
Farms with expenses of—							
$1 to $2,499	2 980	39	309	680	982	660	310
$2,500 to $9,999	143	3	7	46	59	15	13
$10,000 to $19,999	3	–	–	1	2	–	–
$20,000 or more	2	–	–	1	1	–	–
Other agricultural chemicals including lime ... farms	2 890	65	235	647	986	686	271
$1,000	694	21	48	183	225	157	62
Farms with expenses of—							
$1 to $2,499	2 867	65	234	640	982	677	269
$2,500 to $9,999	20	–	1	6	4	8	1
$10,000 to $19,999	2	–	–	1	–	–	1
$20,000 or more	1	–	–	–	–	1	–
Energy and petroleum products ... farms	7 422	137	787	1 745	2 375	1 592	786
$1,000	6 969	92	550	1 787	2 302	1 608	629
Farms with expenses of—							
$1 to $2,499	6 809	130	731	1 561	2 169	1 476	742
$2,500 to $9,999	553	7	55	171	184	101	35
$10,000 to $19,999	50	–	1	9	19	13	8
$20,000 or more	10	–	–	4	3	2	1
Petroleum products ... farms	7 407	137	777	1 741	2 374	1 592	786
$1,000	5 543	81	433	1 450	1 904	1 195	480
Gasoline ... farms	7 090	131	745	1 667	2 250	1 526	771
$1,000	3 369	55	299	812	1 141	734	328
Diesel fuel ... farms	3 364	82	379	780	1 091	756	276
$1,000	1 402	16	77	423	514	288	84
LP gas, butane, and propane ... farms	568	13	64	147	200	93	51
$1,000	183	3	15	51	66	38	11
Fuel oil ... farms	332	6	24	109	87	52	54
$1,000	40	1	1	17	8	6	8
Natural gas ... farms	167	–	8	36	51	50	22
$1,000	108	–	2	29	40	26	10
Kerosene, motor oil, and grease ... farms	7 404	137	777	1 741	2 374	1 589	786
$1,000	441	7	38	118	136	103	40
Electricity ... farms	3 310	51	338	827	1 023	770	301
$1,000	1 361	11	113	315	379	402	143
Other—coal, wood, coke, etc. ... farms	365	4	18	113	98	103	29
$1,000	64	1	4	23	20	11	6
Hired farm labor ... farms	2 745	41	205	638	959	633	269
$1,000	5 615	31	375	1 664	1 700	1 364	480
Farms with expenses of—							
$1 to $4,999	2 540	41	174	589	899	586	251
$5,000 to $19,999	173	–	30	39	51	39	14
$20,000 to $49,999	20	–	1	5	7	4	3
$50,000 or more	12	–	–	5	2	4	1
Workers by number of days worked:							
150 days or more ... farms	446	2	45	119	150	87	43
workers	833	(D)	(D)	277	246	181	70
Less than 150 days ... farms	2 537	39	187	588	898	586	239
workers	8 411	139	498	1 932	3 013	1 872	957
Contract labor ... farms	599	7	57	108	240	113	74
$1,000	720	2	53	130	270	162	101
Farms with expenses of—							
$1 to $2,499	547	7	53	102	219	100	66
$2,500 to $9,999	48	–	4	4	20	12	8
$10,000 to $19,999	2	–	–	1	1	–	–
$20,000 or more	2	–	–	1	–	1	–
Customwork, machine hire, and rental of machinery and equipment ... farms	3 625	55	341	789	1 228	856	356
$1,000	2 123	35	219	448	750	451	219
Farms with expenses of—							
$1 to $2,499	3 508	55	327	769	1 185	828	344
$2,500 to $9,999	115	–	14	19	43	28	11
$10,000 to $19,999	2	–	–	1	–	–	1
$20,000 or more	–	–	–	–	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services ... farms	473	18	86	140	129	79	21
$1,000	656	27	154	172	170	116	16
Value of agricultural products sold directly to individuals for human consumption ... farms	778	11	92	230	243	141	61
$1,000	1 324	11	114	250	466	194	289

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms	13 646	6 191	145	582	827	1 259	1 464	1 914
$1,000	368 631	259 236	4 278	29 624	48 683	73 638	60 098	42 915
Farms by value group:								
$1 to $4,999	1 931	533	10	42	37	37	107	300
$5,000 to $9,999	3 976	1 043	22	68	72	142	174	565
$10,000 to $19,999	2 613	1 086	19	79	142	137	286	423
$20,000 to $49,999	3 062	1 833	70	177	233	422	497	434
$50,000 to $99,999	1 271	991	20	113	190	291	261	116
$100,000 to $199,999	593	529	3	91	105	166	110	54
$200,000 to $499,999	191	168	1	12	46	62	26	21
$500,000 or more	9	8	–	–	2	2	3	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... farms	8 136	4 369	89	350	588	984	1 034	1 324
number	12 043	6 517	131	497	898	1 547	1 646	1 798
Motortrucks, including pickups ... farms	11 865	5 631	130	549	792	1 187	1 373	1 600
number	22 221	12 924	228	1 190	1 978	3 368	3 342	2 818
Wheel tractors ... farms	11 398	5 474	113	482	734	1 134	1 370	1 641
number	21 819	12 769	211	1 143	1 896	3 237	3 249	3 033
2 or 3 ... farms	5 217	3 016	75	288	426	637	834	756
number	11 944	7 144	167	696	1 002	1 542	1 986	1 751
4 or more ... farms	949	815	1	70	148	309	186	101
number	4 643	3 982	(D)	(D)	734	1 507	913	498
Grain and bean combines, self-propelled only ... farms	1 587	1 174	32	116	197	360	280	189
number	1 733	1 265	32	124	211	394	306	198
Cornpickers, corn heads, and picker-shellers ... farms	249	176	10	21	35	43	38	29
number	306	227	10	22	38	50	60	47
Corn heads for combines ... farms	169	120	10	11	21	25	34	19
number	184	131	10	11	24	28	37	21
Other cornpickers and picker-shellers ... farms	90	64	–	11	14	20	7	12
number	122	96	–	11	14	22	23	26
Cottonpickers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	4 887	2 948	54	278	477	735	735	669
number	5 224	3 198	64	293	503	877	773	688
Pickup balers ... farms	6 383	3 570	65	336	531	823	845	970
number	7 091	4 171	69	377	645	967	1 006	1 107
Field forage harvesters, shear bar or flywheel type ... farms	1 721	1 240	8	108	238	332	341	213
number	1 875	1 367	9	121	261	365	379	232
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... farms	8 692	4 460	84	468	644	982	1 080	1 202
$1,000	16 334	13 562	198	1 407	3 095	4 317	2 849	1 694
Commercial fertilizer ... farms	6 320	3 386	59	382	481	779	864	821
acres on which used	502 908	404 600	3 918	40 915	81 748	133 721	94 835	49 463
Lime ... farms	1	1	–	–	–	–	1	–
acres on which used	(D)	(D)	–	–	–	–	(D)	–
tons	(D)	(D)	–	–	–	–	(D)	–
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... farms	3 831	2 344	35	254	376	570	557	552
acres on which used	267 686	228 429	2 793	26 101	45 482	71 151	45 578	37 324
Nematodes in crops ... farms	253	213	–	9	34	74	36	60
acres on which used	8 120	7 537	–	364	1 610	2 162	1 198	2 203
Diseases in crops and orchards ... farms	777	318	5	31	45	74	79	84
acres on which used	20 180	14 621	100	2 002	4 108	2 729	4 482	1 200
Weeds, grass, or brush in crops and pasture ... farms	3 479	2 031	34	249	313	502	486	447
acres on which used	275 037	229 206	3 050	20 925	49 278	68 419	53 649	33 885
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... farms	221	140	15	26	25	26	26	22
acres on which used	13 362	11 821	900	1 615	5 130	1 459	1 778	939
Insect control on livestock and poultry ... farms	2 918	1 778	42	196	291	424	441	384
Sanitation and rodent and bird control ... farms	1 107	712	24	87	106	174	161	160
LIVESTOCK								
Cattle and calves inventory ... farms	8 738	4 251	61	388	587	906	1 108	1 201
number	797 812	630 463	6 346	54 477	108 882	181 365	167 448	111 945
Farms with—								
1 to 9	2 101	479	10	43	40	70	97	219
10 to 49	3 211	1 197	18	79	122	182	269	527
50 to 99	1 359	885	12	92	121	179	276	205
100 to 199	1 152	895	10	104	160	238	245	138
200 to 499	657	552	9	52	94	162	160	75
500 or more	258	243	2	18	50	75	61	37
Cows and heifers that had calved ... farms	7 314	3 721	42	347	537	810	975	1 010
number	389 314	304 650	3 593	26 184	51 628	83 151	80 255	59 839
Beef cows ... farms	5 844	2 777	26	231	359	571	741	849
number	312 443	235 445	2 950	17 068	35 038	65 218	61 267	53 904
Farms with—								
1 to 9	1 948	517	4	44	51	72	111	235
10 to 49	2 320	1 083	4	90	128	185	296	380
50 to 99	780	533	7	48	69	116	156	137
100 to 199	453	342	5	27	57	108	101	44
200 to 499	272	236	5	18	43	70	62	38
500 or more	71	66	1	4	11	20	15	15

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						
		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 EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	7 455	136	798	1 758	2 375	1 592	796
$1,000	109 395	1 912	9 377	27 512	35 676	24 746	10 172
Forms by value group:							
$1 to $4,999	1 398	20	152	325	460	238	203
$5,000 to $9,999	2 933	50	354	675	887	693	274
$10,000 to $19,999	1 527	28	160	354	468	326	191
$20,000 to $49,999	1 229	34	105	297	435	260	98
$50,000 to $99,999	280	4	27	86	99	45	19
$100,000 to $199,999	64	–	–	11	23	19	11
$200,000 to $499,999	23	–	–	10	3	10	–
$500,000 or more	1	–	–	–	–	1	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... farms	3 767	64	319	906	1 171	865	442
number	5 526	81	462	1 306	1 796	1 277	604
Motortrucks, including pickups ... farms	6 234	124	645	1 488	2 065	1 332	580
number	9 297	187	897	2 318	3 019	2 045	831
Wheel tractors ... farms	5 924	96	548	1 368	1 932	1 344	636
number	9 050	136	811	2 180	2 992	2 008	923
2 or 3 ... farms	2 201	35	189	542	735	475	225
number	4 800	75	405	1 192	1 623	1 027	478
4 or more ... farms	134	–	14	38	51	22	9
number	661	–	61	200	223	134	43
Grain and bean combines, self-propelled only ... farms	413	2	50	96	149	73	43
number	468	(D)	(D)	135	151	78	44
Cornpickers, corn heads, and picker-shellers ... farms	73	–	22	24	21	6	–
number	79	–	22	26	23	8	–
Corn heads for combines ... farms	49	–	13	19	11	6	–
number	53	–	13	20	12	8	–
Other cornpickers and picker-shellers ... farms	26	–	9	6	11	–	–
number	26	–	9	6	11	–	–
Cottonpickers ... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... farms	1 939	39	185	466	693	377	179
number	2 026	44	199	485	711	397	190
Pickup balers ... farms	2 813	35	223	655	982	659	259
number	2 920	35	225	684	1 031	678	267
Field forage harvesters, shear bar or flywheel type ... farms	481	4	59	119	133	111	55
number	508	4	60	119	139	131	55
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... farms	4 232	79	402	955	1 430	942	424
$1,000	2 772	47	229	705	988	554	249
Commercial fertilizer ... farms	2 934	42	296	683	963	643	307
acres on which used	98 308	934	9 255	25 255	32 958	20 866	9 040
Lime ... farms	–	–	–	–	–	–	–
acres on which used	–	–	–	–	–	–	–
tons	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... farms	1 487	43	138	319	438	374	175
acres on which used	39 257	1 105	3 430	8 231	12 489	10 971	3 031
Nematodes in crops ... farms	40	–	1	11	26	2	–
acres on which used	583	–	(D)	193	352	(D)	–
Diseases in crops and orchards ... farms	459	16	16	125	161	90	51
acres on which used	5 559	144	65	776	1 868	1 032	1 674
Weeds, grass, or brush in crops and pasture ... farms	1 448	33	107	285	554	350	119
acres on which used	45 831	877	4 310	12 445	15 261	11 006	1 932
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... farms	81	–	9	17	25	20	10
acres on which used	1 541	–	44	77	110	1 253	57
Insect control on livestock and poultry ... farms	1 140	42	120	284	364	235	95
Sanitation and rodent and bird control ... farms	395	2	39	99	132	96	27
LIVESTOCK							
Cattle and calves inventory ... farms	4 487	69	460	1 137	1 426	982	413
number	167 349	1 252	14 307	39 491	57 753	40 158	14 388
Forms with—							
1 to 9	1 622	43	199	442	497	315	126
10 to 49	2 014	20	189	482	634	474	215
50 to 99	474	4	38	118	167	108	39
100 to 199	257	2	23	68	88	57	19
200 to 499	105	–	11	23	37	21	13
500 or more	15	–	–	4	3	7	1
Cows and heifers that had calved ... farms	3 593	49	369	898	1 162	801	314
number	84 664	648	8 220	20 049	26 324	22 395	7 028
Beef cows ... farms	3 067	28	317	744	988	706	284
number	76 998	399	7 865	18 111	24 096	20 272	6 255
Forms with—							
1 to 9	1 431	17	161	353	483	306	111
10 to 49	1 237	9	115	293	371	307	142
50 to 99	247	1	22	62	84	58	20
100 to 199	111	1	10	26	43	23	8
200 to 499	36	–	9	8	7	9	3
500 or more	5	–	–	2	–	3	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Farming: Total	Farming: 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 ..... forms	2 626	1 533	20	161	294	375	381	302
number	76 871	69 205	643	9 116	16 590	17 933	18 988	5 935
Farms with—								
1 to 4	1 457	536	7	42	93	107	113	174
5 to 9	73	40	–	–	4	12	8	16
10 to 49	511	408	8	46	60	110	109	75
50 to 99	380	359	3	48	96	90	98	24
100 to 199	153	144	2	19	29	48	38	8
200 to 499	48	42	–	5	10	8	14	5
500 or more	4	4	–	1	2	–	1	–
Heifers and heifer calves ..... forms	6 571	3 466	50	315	504	767	935	895
number	202 810	164 317	1 268	16 125	31 247	49 632	40 368	25 677
Steers, steer calves, bulls, and bull calves ..... forms	7 216	3 628	56	340	500	778	963	991
number	205 688	161 496	1 485	12 168	26 007	48 582	46 825	26 429
Cattle and calves sold ..... forms	8 097	4 128	61	377	570	891	1 086	1 143
number	464 224	360 412	3 773	24 623	56 832	119 225	95 984	59 975
$1,000	165 919	129 103	1 117	8 110	20 099	44 406	35 097	20 275
Calves ..... forms	4 286	2 237	38	212	313	465	592	617
number	147 426	110 583	1 341	8 669	14 897	31 945	30 036	23 695
$1,000	35 303	26 429	274	1 952	3 195	8 093	7 295	5 621
Cattle ..... forms	6 575	3 428	44	313	485	772	921	893
number	316 798	249 829	2 432	15 954	41 935	87 280	65 948	36 280
$1,000	130 616	102 673	843	6 157	16 905	36 313	27 802	14 654
Fattened on grain and concentrates ..... forms	1 595	833	5	74	95	168	252	239
number	132 396	105 704	66	4 285	20 327	38 669	30 467	11 890
$1,000	62 936	49 533	24	1 741	8 914	18 885	14 613	5 355
Hogs and pigs inventory ..... forms	1 556	541	10	58	80	128	137	128
number	46 834	29 173	189	7 429	4 442	6 224	8 079	2 810
Farms with—								
1 to 9	956	288	5	30	36	66	66	85
10 to 49	441	168	4	15	29	37	45	38
50 to 99	61	26	1	2	4	10	9	–
100 to 199	45	20	–	3	7	5	4	1
200 to 499	35	23	–	3	3	8	7	2
500 or more	18	16	–	5	1	2	6	2
Used or to be used for breeding ..... forms	856	306	7	24	50	77	72	76
number	6 901	3 907	41	946	752	858	987	323
Other ..... forms	1 370	459	7	54	72	101	129	96
number	39 933	25 266	148	6 483	3 690	5 366	7 092	2 487
Hogs and pigs sold ..... forms	1 110	430	6	42	69	99	109	105
number	59 378	37 866	159	8 388	7 896	7 959	10 634	2 830
$1,000	4 879	3 307	12	815	646	758	859	217
Feeder pigs sold ..... forms	328	113	1	8	21	22	28	33
number	12 109	6 153	(D)	(D)	2 462	661	1 666	937
$1,000	373	204	(D)	(D)	88	22	51	27
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... forms	886	316	7	24	52	80	74	79
number	8 726	5 344	42	1 547	1 001	1 031	1 317	406
Dec. 1 and May 31 ..... forms	735	271	6	24	42	69	62	68
number	4 537	2 720	19	750	490	537	696	228
June 1 and Nov. 30 ..... forms	623	225	7	18	43	57	59	41
number	4 189	2 624	23	797	511	494	621	178
Sheep and lambs of all ages inventory ..... forms	2 199	1 014	16	71	128	223	242	334
number	619 508	512 753	2 899	23 906	74 008	180 288	98 110	133 542
Ewes 1 year old or older ..... forms	2 071	977	16	69	120	215	235	322
number	440 349	370 639	2 645	16 594	53 339	138 744	70 101	89 216
Sheep and lambs sold ..... forms	2 079	1 014	16	72	127	218	243	338
number	482 846	409 608	2 298	15 590	65 205	135 734	80 819	109 962
Sheep and lambs shorn ..... forms	2 024	987	16	67	121	210	240	333
number	534 781	451 879	2 649	20 447	68 377	160 429	83 317	116 660
pounds of wool	5 361 098	4 537 643	26 469	210 282	624 838	1 675 340	861 923	1 138 791
Horses and ponies inventory ..... forms	5 941	2 538	32	223	382	579	693	629
number	27 079	12 467	100	844	1 999	3 202	3 663	2 659
Horses and ponies sold ..... forms	1 086	330	3	25	52	72	96	82
number	2 875	922	5	92	144	215	258	208
$1,000	2 432	520	2	37	72	140	143	126
Goats inventory ..... forms	123	29	–	5	6	12	3	3
number	1 028	199	–	30	28	100	13	28
Goats sold ..... forms	38	8	–	1	2	2	1	2
number	229	135	–	(D)	(D)	(D)	(D)	(D)
$1,000	11	9	–	(D)	(D)	(D)	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ..... forms	1 433	513	6	38	74	101	133	161
number	2 259 854	1 963 587	67	475 966	809 996	101 690	265 569	310 299
Farms with—								
1 to 399	1 399	485	6	34	68	97	123	157
400 to 3,199	11	7	–	2	–	1	1	3
3,200 to 9,999	6	5	–	–	1	1	3	–
10,000 to 19,999	2	2	–	–	1	–	1	–
20,000 to 49,999	4	4	–	–	–	1	3	–
50,000 to 99,999	4	4	–	–	1	1	2	–
100,000 or more	7	6	–	2	3	–	–	1
Hens and pullets of laying age ..... forms	1 406	502	6	38	72	101	133	152
number	2 138 087	1 845 780	67	(D)	753 377	(D)	229 408	309 992
Pullets 3 months old or older not of laying age ..... forms	182	65	–	2	11	12	20	20
number	121 767	117 807	–	(D)	56 619	(D)	36 161	307

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						
		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
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... forms	1 093	25	103	327	376	194	68
number	7 666	249	355	1 938	2 228	2 123	773
Farms with—							
1 to 4	921	16	92	288	321	152	52
5 to 9	33	6	4	2	9	8	4
10 to 49	103	2	7	29	34	23	8
50 to 99	21	–	–	4	8	8	1
100 to 199	9	1	–	2	4	–	2
200 to 499	6	–	–	2	–	3	1
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... forms	3 105	52	290	776	1 002	697	288
number	38 493	264	2 826	9 457	13 432	8 956	3 558
Steers, steer calves, bulls, and bull calves ..... forms	3 588	56	356	913	1 151	792	320
number	44 192	340	3 261	9 985	17 997	8 807	3 802
Cattle and calves sold ..... forms	3 969	50	379	987	1 264	907	382
number	103 812	750	7 169	20 639	47 661	20 126	7 467
$1,000	36 816	250	2 235	6 331	19 292	6 480	2 229
Calves ..... forms	2 049	19	207	498	663	475	187
number	36 843	238	3 652	8 487	12 559	8 580	3 327
$1,000	8 874	48	885	2 037	3 097	2 046	761
Cattle ..... forms	3 147	44	289	803	986	718	307
number	66 969	512	3 517	12 152	35 102	11 546	4 140
$1,000	27 943	203	1 350	4 294	16 195	4 434	1 467
Fattened on grain and concentrates ..... forms	762	3	62	201	252	185	59
number	26 692	29	578	2 000	20 978	2 370	737
$1,000	13 403	14	237	799	10 993	1 038	322
Hogs and pigs inventory ..... forms	1 015	33	151	335	307	139	50
number	17 661	998	2 772	6 064	4 389	2 396	1 042
Farms with—							
1 to 9	668	25	99	212	205	93	34
10 to 49	273	3	40	103	79	38	10
50 to 99	35	–	5	8	15	2	5
100 to 199	25	4	4	7	6	4	–
200 to 499	12	1	3	3	2	2	1
500 or more	2	–	–	2	–	–	–
Used or to be used for breeding ..... forms	550	23	81	170	171	77	28
number	2 994	205	365	1 011	885	374	154
Other ..... forms	911	33	133	304	286	118	37
number	14 667	793	2 407	5 053	3 504	2 022	888
Hogs and pigs sold ..... forms	680	22	87	226	218	97	30
number	21 512	1 525	3 550	6 128	6 037	3 147	1 125
$1,000	1 572	77	307	385	436	261	105
Feeder pigs sold ..... forms	215	19	26	62	71	32	5
number	5 956	654	544	1 847	1 957	835	119
$1,000	169	18	16	48	60	23	4
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... forms	570	23	87	174	177	81	28
number	3 382	220	526	930	1 037	464	205
Dec. 1 and May 31 ..... forms	464	22	72	135	147	63	25
number	1 817	110	319	510	530	247	101
June 1 and Nov. 30 ..... forms	398	16	66	119	135	47	15
number	1 565	110	207	420	507	217	104
Sheep and lambs of all ages inventory ..... forms	1 185	19	102	340	334	265	125
number	106 755	1 528	9 375	28 396	39 439	15 166	12 851
Ewes 1 year old or older ..... forms	1 094	19	91	302	316	254	112
number	69 710	884	6 516	19 393	25 710	8 982	8 225
Sheep and lambs sold ..... forms	1 065	24	93	292	300	244	112
number	73 238	872	6 452	19 502	25 854	11 468	9 090
Sheep and lambs shorn ..... forms	1 037	12	84	290	298	241	112
number	82 902	802	9 173	20 970	28 810	13 072	10 075
pounds of wool	823 455	7 566	93 967	189 855	291 378	129 279	111 410
Horses and ponies inventory ..... forms	3 403	50	365	986	1 109	659	234
number	14 612	165	1 433	4 324	5 020	2 766	904
Horses and ponies sold ..... forms	756	25	109	255	225	107	35
number	1 953	44	260	620	707	241	81
$1,000	1 912	37	196	649	723	248	59
Goats inventory ..... forms	94	–	18	41	21	14	–
number	829	–	122	222	103	382	–
Goats sold ..... forms	30	7	8	9	4	1	1
number	94	(D)	30	26	21	(D)	(D)
$1,000	2	(D)	(Z)	1	1	(D)	(D)
POULTRY							
Chickens 3 months old or older inventory ..... forms	920	37	108	336	251	138	50
number	296 267	494	2 668	279 633	6 618	3 736	3 118
Farms with—							
1 to 399	914	37	108	333	249	138	49
400 to 3,199	4	–	–	1	2	–	1
3,200 to 9,999	1	–	–	1	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	1	–	–	1	–	–	–
Hens and pullets of laying age ..... forms	904	37	107	326	250	136	48
number	292 307	494	2 149	277 082	6 211	3 356	3 015
Pullets 3 months old or older not of laying age ..... forms	117	–	28	35	33	16	5
number	3 960	–	519	2 551	407	380	103

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming: Total	Age of operator: Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.								
Chickens 3 months old or older sold ... forms	106	54	–	8	8	9	18	11
number	940 231	831 958	–	228 085	263 694	39 994	118 900	181 285
Broilers and other meat-type chickens sold ... forms	35	7	–	1	1	1	3	1
number	1 423	276	–	(D)	(D)	(D)	82	(D)
Forms with—								
1 to 1,999	35	7	–	1	1	1	3	1
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	76	26	–	3	5	3	8	7
number	38 870	2 807	–	10	2 718	6	46	27
Turkeys sold ... forms	103	65	3	12	15	16	16	3
number	3 033 050	2 228 862	49 011	306 804	529 405	860 750	403 092	79 800
CROPS HARVESTED								
Corn for all purposes ... forms	2 336	1 616	28	196	271	416	436	269
acres	76 376	63 676	644	6 828	13 478	19 837	16 141	6 748
For grain or seed ... forms	510	288	5	36	50	65	77	55
acres	14 482	10 937	41	1 091	1 803	4 430	2 707	865
bushels	1 176 010	890 653	1 382	80 095	174 737	342 895	218 166	73 378
Irrigated ... forms	510	288	5	36	50	65	77	55
acres	14 482	10 937	41	1 091	1 803	4 430	2 707	865
Forms by acres harvested:								
1 to 24 acres	362	174	5	23	25	25	52	44
25 to 99 acres	124	93	–	10	22	31	19	11
100 to 499 acres	22	19	–	3	3	7	6	–
500 acres or more	2	2	–	–	–	2	–	–
Wheat for grain ... forms	2 072	1 243	13	100	160	311	333	326
acres	253 600	201 332	4 616	14 159	36 224	61 978	52 417	31 938
bushels	6 651 061	5 408 712	125 490	419 267	985 593	1 839 625	1 238 357	800 380
Irrigated ... forms	1 296	802	6	68	100	215	210	203
acres	36 419	29 506	500	2 123	7 251	10 388	5 282	3 962
Forms by acres harvested:								
1 to 24 acres	1 061	557	1	42	60	116	152	186
25 to 99 acres	530	340	7	34	43	95	79	82
100 to 499 acres	345	227	2	16	34	62	71	42
500 acres or more	136	119	3	8	23	38	31	16
Oats for grain ... forms	1 213	671	10	56	73	156	191	185
acres	14 743	9 757	286	732	1 133	2 935	2 445	2 226
bushels	784 187	517 543	18 134	48 150	53 049	145 799	130 800	121 611
Irrigated ... forms	1 135	631	10	56	69	146	173	177
acres	13 340	8 737	286	732	958	2 458	2 224	2 079
Barley for grain ... forms	4 348	2 630	52	255	377	609	685	652
acres	144 275	114 308	1 867	11 700	20 378	34 213	27 850	18 300
bushels	8 970 032	7 237 553	87 390	746 537	1 286 993	2 205 791	1 852 065	1 058 777
Irrigated ... forms	3 974	2 412	49	242	352	550	635	584
acres	123 674	98 288	1 747	10 600	18 127	29 176	24 743	13 895
Irish potatoes ... forms	160	114	–	7	11	31	43	22
acres	5 789	5 656	–	242	2 134	1 743	1 489	49
hundredweight	1 319 932	1 303 784	–	43 774	521 922	429 708	302 013	6 367
Irrigated ... forms	160	114	–	7	11	31	43	22
acres	5 789	5 656	–	242	2 134	1 743	1 489	49
Forms by acres harvested:								
0.1 to 0.9 acres	42	25	–	–	1	4	9	11
1.0 to 4.9 acres	55	35	–	2	3	7	13	10
5.0 to 24.9 acres	32	23	–	2	1	8	11	1
25.0 to 99.9 acres	22	22	–	3	3	9	7	–
100.0 acres or more	9	9	–	–	3	3	3	–
Sugar beets for sugar ... forms	252	198	3	25	32	64	52	22
acres	13 112	12 039	49	1 232	3 278	4 478	2 068	934
tons	239 040	220 010	863	21 906	58 886	80 882	39 860	17 613
Irrigated ... forms	252	198	3	25	32	64	52	22
acres	13 112	12 039	49	1 232	3 278	4 478	2 068	934
Hay crops (see text) ... forms	9 740	4 770	73	395	628	1 010	1 265	1 399
acres	622 418	462 897	6 559	44 184	83 606	125 412	118 717	84 419
tons, dry	1 749 997	1 347 798	17 799	143 418	239 863	383 174	331 076	232 468
Irrigated ... forms	9 019	4 482	72	373	597	958	1 185	1 297
acres	545 067	408 263	5 720	40 126	76 184	114 766	102 797	68 670
Forms by acres harvested:								
1 to 24 acres	4 308	1 263	25	59	84	180	303	612
25 to 99 acres	3 698	2 079	28	174	264	436	588	589
100 to 499 acres	1 625	1 327	18	153	257	365	350	184
500 acres or more	109	101	2	9	23	29	24	14
Alfalfa hay ... forms	8 826	4 431	69	369	588	941	1 180	1 284
acres	458 135	338 624	4 770	37 032	59 842	92 333	87 092	57 555
tons, dry	1 462 273	1 127 143	15 658	129 441	204 928	322 784	278 442	175 890
Irrigated ... forms	8 238	4 181	69	349	559	897	1 111	1 196
acres	407 952	304 053	4 547	33 730	55 994	84 027	75 411	50 344
All vegetables harvested for sale (see text) ... forms	512	288	2	30	25	72	83	76
acres	9 310	7 395	(D)	(D)	907	2 531	2 351	1 049
Irrigated ... forms	512	288	2	30	25	72	83	76
acres	9 310	7 395	(D)	(D)	907	2 531	2 351	1 049
Forms by acres harvested:								
0.1 to 4.9 acres	225	82	2	7	3	13	13	44
5.0 to 24.9 acres	173	108	–	15	11	27	32	23
25.0 to 99.9 acres	101	87	–	8	8	28	36	7
100.0 acres or more	13	11	–	–	3	4	2	2

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						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.							
Chickens 3 months old or older sold ... farms	52	2	11	20	10	4	5
number	108 273	(D)	679	104 772	1 869	(D)	834
Broilers and other meat-type chickens sold ... farms	28	2	11	3	5	6	1
number	1 147	(D)	370	136	300	191	(D)
Farms with—							
1 to 1,999	28	2	11	3	5	6	1
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	50	14	11	11	9	4	1
number	36 063	42	43	35 924	(D)	12	(D)
Turkeys sold ... farms	38	–	9	16	7	5	1
number	804 188	–	160 006	393 368	(D)	140 600	(D)
CROPS HARVESTED							
Corn for all purposes ... farms	720	7	73	202	253	149	36
acres	12 700	118	1 351	3 093	5 187	2 434	517
For grain or seed ... farms	222	4	30	62	67	42	17
acres	3 545	59	607	905	1 255	532	187
bushels	285 357	4 690	44 861	72 992	101 019	43 270	18 525
Irrigated ... farms	222	4	30	62	67	42	17
acres	3 545	59	607	905	1 255	532	187
Farms by acres harvested:							
1 to 24 acres	188	4	22	55	58	34	15
25 to 99 acres	31	–	7	7	7	8	2
100 to 499 acres	3	–	1	–	2	–	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ... farms	829	14	87	189	271	190	78
acres	52 268	964	3 887	11 409	16 880	13 445	5 683
bushels	1 242 349	27 209	98 936	295 137	402 306	310 885	107 876
Irrigated ... farms	494	12	49	120	174	102	37
acres	6 913	185	734	2 021	2 407	1 176	390
Farms by acres harvested:							
1 to 24 acres	504	11	45	122	166	114	46
25 to 99 acres	190	1	33	35	61	44	16
100 to 499 acres	118	2	9	28	40	24	15
500 acres or more	17	–	–	4	4	8	1
Oats for grain ... farms	542	14	57	164	182	93	32
acres	4 986	185	440	1 525	1 882	748	206
bushels	266 644	5 478	19 752	80 448	108 257	43 675	9 034
Irrigated ... farms	504	14	55	152	166	89	28
acres	4 603	185	419	1 399	1 750	706	144
Barley for grain ... farms	1 718	31	180	436	536	392	143
acres	29 967	549	3 634	8 629	9 581	5 884	1 690
bushels	1 732 479	32 693	199 057	482 379	568 368	351 276	98 706
Irrigated ... farms	1 562	24	162	390	495	362	129
acres	25 386	465	2 970	7 212	8 116	5 175	1 448
Irish potatoes ... farms	46	1	3	7	19	14	2
acres	134	(D)	3	26	46	43	(D)
hundredweight	16 148	(D)	638	5 031	4 663	4 566	(D)
Irrigated ... farms	46	1	3	7	19	14	2
acres	134	(D)	3	26	46	43	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	17	–	2	2	8	4	1
1.0 to 4.9 acres	20	–	1	3	8	7	1
5.0 to 24.9 acres	9	1	–	2	3	3	–
25.0 to 99.9 acres	–	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–
Sugar beets for sugar ... farms	54	7	–	21	16	9	1
acres	1 073	(D)	–	480	318	205	(D)
tons	19 030	(D)	–	9 284	5 439	3 177	(D)
Irrigated ... farms	54	7	–	21	16	9	1
acres	1 073	(D)	–	480	318	205	(D)
Hay crops (see text) ... farms	4 970	76	488	1 256	1 534	1 139	477
acres	159 521	2 086	17 112	40 880	50 813	37 020	11 610
tons, dry	402 199	6 107	39 375	100 444	136 563	91 998	27 712
Irrigated ... farms	4 537	67	455	1 148	1 425	1 027	415
acres	136 804	1 957	15 429	34 946	44 351	30 337	9 784
Farms by acres harvested:							
1 to 24 acres	3 045	51	295	760	922	696	321
25 to 99 acres	1 619	19	171	413	516	361	139
100 to 499 acres	298	6	18	81	95	81	17
500 acres or more	8	–	4	2	1	1	–
Alfalfa hay ... farms	4 395	73	423	1 130	1 350	1 022	397
acres	119 511	1 794	11 105	30 696	38 982	28 516	8 418
tons, dry	335 130	5 609	30 232	85 582	112 805	78 734	22 168
Irrigated ... farms	4 057	64	397	1 046	1 263	933	354
acres	103 899	1 665	9 989	26 883	34 486	23 728	7 148
All vegetables harvested for sale (see text) ... farms	224	4	25	53	80	45	17
acres	1 914	69	101	588	725	199	232
Irrigated ... farms	224	4	25	53	80	45	17
acres	1 914	69	101	588	725	199	232
Farms by acres harvested:							
0.1 to 4.9 acres	143	1	18	36	44	34	10
5.0 to 24.9 acres	65	1	7	13	29	10	5
25.0 to 99.9 acres	14	2	–	3	7	1	1
100.0 acres or more	2	–	–	1	–	–	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
CROPS HARVESTED—Con.								
Land in orchards ... farms	1 061	330	3	22	30	51	102	122
acres	11 340	6 590	74	935	794	1 558	2 490	739
Irrigated ... farms	1 002	310	3	21	27	49	95	115
acres	10 842	6 325	74	915	790	1 443	2 397	706
Farms by acres in orchards:								
0.1 to 4.9 acres	639	162	–	5	17	21	46	73
5.0 to 24.9 acres	340	112	1	10	11	14	30	46
25.0 to 99.9 acres	67	44	2	6	1	11	21	3
100.0 acres or more	15	12	–	1	1	5	5	–
Apples ... farms	646	219	3	11	19	37	73	76
total acres	3 535	2 350	34	228	132	739	1 051	167
pounds	24 031 838	18 997 825	167 900	2 289 238	983 930	5 833 982	8 873 878	848 897

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						
		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
CROPS HARVESTED—Con.							
Land in orchards ... farms	731	8	71	176	251	135	90
acres	4 750	75	357	745	1 899	769	904
Irrigated ... farms	692	7	68	165	242	123	87
acres	4 517	55	352	656	1 846	737	871
Farms by acres in orchards:							
0.1 to 4.9 acres	477	4	52	128	145	92	56
5.0 to 24.9 acres	228	3	17	47	94	40	27
25.0 to 99.9 acres	23	1	2	1	11	2	6
100.0 acres or more	3	–	–	–	1	1	1
Apples ... farms	427	6	37	106	145	78	55
total acres	1 185	48	105	226	379	230	197
pounds	5 034 013	391 849	541 975	730 481	1 381 647	982 595	1 005 466

[1]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	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS AND LAND IN FARMS								
Forms ..... number	9 856	3 003	72	199	253	418	712	1 349
percent	100.0	30.4	0.7	2.0	2.5	4.2	7.2	13.6
Land in farms ..... acres	1 948 418	910 663	10 817	52 093	98 706	176 761	240 380	331 906
Average size of farm ..... acres	198	303	150	262	390	423	338	246
Value of land and buildings[1] ..... farms	9 813	3 063	84	198	248	421	638	1 474
$1,000	1 587 686	560 025	16 184	27 081	54 203	103 483	141 591	217 484
Average per farm ..... dollars	161 794	182 835	192 664	136 770	218 560	245 801	221 929	147 546
Average per acre ..... dollars	815	566	1 450	602	484	494	637	558
Farms by value of land and buildings:								
$1 to $19,999	652	159	4	8	4	27	21	95
$20,000 to $39,999	1 038	331	14	21	22	50	67	157
$40,000 to $69,999	1 852	452	13	48	45	37	67	242
$70,000 to $99,999	1 328	410	5	9	22	43	78	253
$100,000 to $149,999	1 528	433	–	32	44	41	104	212
$150,000 to $199,999	1 042	414	26	28	26	58	105	171
$200,000 to $499,999	1 898	666	11	51	69	123	130	282
$500,000 to $999,999	354	163	11	1	10	29	54	58
$1,000,000 or more	121	35	–	–	6	13	12	4
Owned and rented land by operator:								
Land owned ..... farms	9 289	2 825	37	143	238	406	690	1 311
acres	1 585 982	719 877	4 701	40 050	56 622	135 391	191 572	291 541
Land rented or leased from others ..... farms	2 825	936	42	114	91	146	222	321
acres	524 315	228 272	(D)	(D)	44 075	48 008	54 485	62 254
Land rented or leased to others ..... farms	821	255	1	7	14	31	61	141
acres	161 879	37 486	(D)	(D)	1 991	6 638	5 677	21 889
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	9 064	2 844	46	175	240	399	681	1 303
acres	706 679	304 012	3 781	21 101	35 083	51 837	78 428	113 782
Harvested cropland ..... farms	8 187	2 689	43	153	228	374	662	1 229
acres	332 795	152 509	2 846	11 670	18 525	27 562	38 671	53 235
Farms by acres harvested:								
1 to 9 acres	1 773	345	1	16	21	38	74	195
10 to 29 acres	2 838	753	7	31	35	75	167	438
30 to 49 acres	1 457	560	14	27	49	62	150	258
50 to 99 acres	1 384	621	14	39	66	104	165	233
100 to 199 acres	542	290	7	29	35	69	76	74
200 to 499 acres	185	115	–	11	21	25	30	28
500 acres or more	8	5	–	–	1	1	–	3
Cropland:								
Pasture or grazing only ..... farms	4 525	1 383	6	73	132	181	326	665
acres	241 036	97 662	257	5 231	10 574	13 966	26 593	41 041
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	335	119	2	11	9	22	26	49
acres	11 802	6 197	(D)	1 066	(D)	1 728	948	1 725
On which all crops failed ..... farms	456	160	3	13	16	21	36	71
acres	11 987	5 986	(D)	282	(D)	856	1 928	1 951
In cultivated summer fallow ..... farms	861	341	3	26	36	42	71	163
acres	57 974	25 112	118	1 881	2 587	4 050	6 619	9 857
Idle ..... farms	1 262	430	7	32	46	84	96	165
acres	51 085	16 546	276	971	1 982	3 675	3 669	5 973
Total woodland ..... farms	345	127	1	8	15	20	33	50
acres	65 050	27 114	(D)	(D)	3 510	4 871	3 872	12 373
Woodland pastured ..... farms	196	76	–	4	2	18	24	28
acres	48 561	18 317	–	(D)	(D)	4 307	2 946	7 485
Woodland not pastured ..... farms	174	58	1	4	13	3	10	27
acres	16 489	8 797	(D)	114	(D)	564	926	4 888
Pastureland and rangeland other than cropland and woodland pastured ..... farms	2 749	1 020	13	58	89	159	270	431
acres	1 077 866	534 271	6 333	(D)	(D)	113 824	143 256	192 546
Land in house lots, ponds, roads, wasteland, etc. ..... farms	5 212	1 621	39	96	142	229	375	740
acres	98 823	45 266	633	5 919	4 456	6 229	14 824	13 205
Pastureland, all types ..... farms	6 423	2 048	18	113	184	290	502	941
acres	1 367 463	650 250	6 590	30 190	67 506	132 097	172 795	241 072
Irrigated land ..... farms	8 300	2 623	45	151	221	367	642	1 197
acres	385 935	171 778	2 854	13 047	20 504	30 385	45 727	59 261
Harvested cropland irrigated ..... farms	7 506	2 493	42	141	205	348	619	1 138
acres	250 326	115 762	2 673	8 422	14 653	21 678	29 272	39 064
Pastureland irrigated ..... farms	3 676	1 068	5	66	101	139	259	498
acres	126 312	52 526	144	4 284	5 322	7 761	15 899	19 116
Other land irrigated ..... farms	522	184	4	14	16	28	41	81
acres	9 297	3 490	37	341	529	946	556	1 081
Land set aside in the federal farm programs in 1978 ..... farms	700	298	8	20	30	55	72	113
acres	14 683	6 964	136	693	913	1 502	1 640	2 080
RACE AND TENURE OF OPERATOR								
All operators ..... number	9 856	3 003	72	199	253	418	712	1 349
Full owners ..... number	7 051	2 074	31	85	163	274	491	1 030
Part owners ..... number	2 221	747	6	57	73	132	199	280
Tenants ..... number	584	182	35	57	17	12	22	39
White ..... number	9 792	2 983	72	199	253	414	700	1 345
Full owners ..... number	7 008	2 061	31	85	163	271	483	1 028
Part owners ..... number	2 209	741	6	57	73	131	196	278
Tenants ..... number	575	181	35	57	17	12	21	39
Black and other races ..... number	64	20	–	–	–	4	12	4
Full owners ..... number	43	13	–	–	–	3	8	2
Part owners ..... number	12	6	–	–	–	1	3	2
Tenants ..... number	9	1	–	–	–	–	1	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000		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 AND LAND IN FARMS								
Farms	number	6 853	127	762	1 731	2 081	1 468	684
	percent	69.5	1.2	7.7	17.5	21.1	14.8	6.9
Land in farms	acres	1 037 755	9 044	72 184	219 685	376 681	240 740	119 421
Average size of farm	acres	151	71	95	127	181	164	175
Value of land and buildings[1]	farms	6 750	128	735	1 584	2 108	1 457	738
	$1,000	1 027 662	13 998	110 341	221 467	351 381	225 370	105 104
Average per farm	dollars	152 246	109 357	150 123	139 815	166 689	154 680	142 417
Average per acre	dollars	1 071	873	1 668	1 350	910	1 126	827
Farms by value of land and buildings:								
$1 to $19,999		493	10	48	94	148	110	83
$20,000 to $39,999		707	23	64	174	207	164	75
$40,000 to $69,999		1 400	21	161	286	412	323	197
$70,000 to $99,999		918	23	122	203	293	178	99
$100,000 to $149,999		1 095	18	149	329	284	223	92
$150,000 to $199,999		628	5	53	154	221	148	47
$200,000 to $499,999		1 232	28	111	294	447	228	124
$500,000 to $999,999		191	–	9	40	61	67	14
$1,000,000 or more		86	–	18	10	35	16	7
Owned and rented land by operator:								
Land owned	farms	6 464	97	637	1 636	1 998	1 428	668
	acres	866 105	8 495	44 007	183 005	282 804	218 915	128 879
Land rented or leased from others	farms	1 889	53	331	544	529	306	126
	acres	296 043	2 991	34 491	66 588	122 092	48 476	21 405
Land rented or leased to others	farms	566	5	34	123	177	146	81
	acres	124 393	2 442	6 314	29 908	28 215	26 651	30 863
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	6 220	107	658	1 576	1 896	1 361	622
	acres	402 667	4 952	37 553	101 397	121 748	91 222	45 795
Harvested cropland	farms	5 498	96	568	1 363	1 682	1 228	561
	acres	180 286	2 756	18 463	44 286	56 840	41 574	16 367
Farms by acres harvested:								
1 to 9 acres		1 428	21	149	375	437	289	157
10 to 29 acres		2 085	45	196	501	622	476	245
30 to 49 acres		897	4	95	215	288	219	76
50 to 99 acres		763	25	97	187	233	166	55
100 to 199 acres		252	–	26	73	72	62	19
200 to 499 acres		70	1	5	11	29	15	9
500 acres or more		3	–	–	1	1	1	–
Cropland:								
Pasture or grazing only	farms	3 142	40	326	831	994	681	270
	acres	143 374	1 583	13 484	37 855	44 241	29 317	16 894
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	216	1	29	60	65	47	14
	acres	5 605	(D)	352	1 263	2 100	1 461	(D)
On which all crops failed	farms	296	9	44	76	88	54	25
	acres	6 001	(D)	1 155	1 741	1 408	1 205	(D)
In cultivated summer fallow	farms	520	17	40	105	152	134	72
	acres	32 862	352	1 969	7 779	9 032	8 023	5 707
Idle	farms	832	8	108	188	265	194	69
	acres	34 539	168	2 130	8 473	8 127	9 642	5 999
Total woodland	farms	218	–	24	40	82	49	23
	acres	37 936	–	2 778	4 356	20 967	6 473	3 362
Woodland pastured	farms	120	–	10	17	52	28	13
	acres	30 244	–	2 326	3 366	16 809	5 158	2 585
Woodland not pastured	farms	116	–	18	25	35	24	14
	acres	7 692	–	452	990	4 158	1 315	777
Pastureland and rangeland other than cropland and woodland pastured	farms	1 729	17	144	414	565	384	205
	acres	543 595	3 396	27 623	103 316	214 983	129 978	64 299
Land in house lots, ponds, roads, wasteland, etc.	farms	3 591	72	415	893	1 108	751	352
	acres	53 557	696	4 230	10 616	18 983	13 067	5 965
Pastureland, all types	farms	4 375	57	438	1 109	1 388	953	430
	acres	717 213	4 979	43 433	144 537	276 033	164 453	83 778
Irrigated land	farms	5 677	93	600	1 447	1 758	1 239	540
	acres	214 157	3 527	21 970	56 647	67 612	46 017	18 384
Harvested cropland irrigated	farms	5 013	82	521	1 256	1 554	1 111	489
	acres	134 564	2 303	14 367	34 735	41 707	30 422	11 030
Pastureland irrigated	farms	2 608	44	285	693	851	545	190
	acres	73 786	1 146	7 054	19 837	24 318	14 279	7 152
Other land irrigated	farms	338	12	36	89	112	67	22
	acres	5 807	78	549	2 075	1 587	1 316	202
Land set aside in the federal farm programs in 1978	farms	402	5	43	62	137	112	43
	acres	7 719	43	1 613	2 026	1 880	1 519	638
RACE AND TENURE OF OPERATOR								
All operators	number	6 853	127	762	1 731	2 081	1 468	684
Full owners	number	4 977	74	431	1 194	1 555	1 165	558
Part owners	number	1 474	22	204	439	438	262	109
Tenants	number	402	31	127	98	88	41	17
White	number	6 809	127	756	1 718	2 062	1 464	682
Full owners	number	4 947	74	427	1 184	1 543	1 163	556
Part owners	number	1 468	22	203	436	436	262	109
Tenants	number	394	31	126	98	83	39	17
Black and other races	number	44	–	6	13	19	4	2
Full owners	number	30	–	4	10	12	2	2
Part owners	number	6	–	1	3	2	–	–
Tenants	number	8	–	1	–	5	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					
		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 BY TYPE OF ORGANIZATION								
Individual or family ... farms	8 853	2 705	63	167	218	378	635	1 244
... acres	1 557 253	752 972	8 704	29 869	88 253	146 343	196 162	283 641
Partnership ... farms	790	214	6	21	24	21	60	82
... acres	281 594	118 965	1 991	11 557	7 921	19 961	37 766	39 769
Corporations:								
Family held ... farms	114	43	1	4	5	7	9	17
... acres	75 475	23 277	(D)	6 144	(D)	10 040	2 719	2 803
More than 10 stockholders ... farms	5	2	–	–	–	–	1	1
10 or less stockholders ... farms	109	41	1	4	5	7	8	16
Other than family held ... farms	5	3	–	1	1	–	–	1
... acres	9 894	(D)	–	(D)	(D)	–	–	(D)
More than 10 stockholders ... farms	1	1	–	1	–	–	–	–
10 or less stockholders ... farms	4	2	–	–	1	–	–	1
Other—cooperative, estate or trust, etc. ... farms	94	38	2	6	5	12	8	5
... acres	24 202	(D)	(D)	(D)	816	417	3 733	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	6 214	2 007	45	95	174	272	472	949
Not on farm operated	2 676	651	23	85	48	100	143	252
Operators by age group:								
Under 25 years	199	72	72	–	–	–	–	–
25 to 34 years	961	199	–	199	–	–	–	–
35 to 44 years	1 984	253	–	–	253	–	–	–
45 to 54 years	2 499	418	–	–	–	418	–	–
55 to 64 years	2 180	712	–	–	–	–	712	–
65 years and over	2 033	1 349	–	–	–	–	–	1 349
Average age	51.7	59.1	21.4	29.2	39.6	49.9	60.0	71.5
Operators by sex:								
Male	9 539	2 875	72	194	241	399	672	1 297
Female	317	128	–	5	12	19	40	52
Operators of Spanish origin	35	10	1	–	1	2	3	3
Operators by principal occupation:								
Farming	3 003	3 003	72	199	253	418	712	1 349
Other	6 853	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	2 168	1 679	25	48	80	166	366	994
1 to 99 days	809	448	14	48	46	83	107	150
100 to 199 days	1 118	274	12	36	52	52	87	35
200 days or more	5 436	277	18	54	49	70	61	25
FARMS BY SIZE								
1 to 9 acres	1 617	289	25	26	21	31	55	131
10 to 49 acres	3 337	740	17	44	42	75	168	394
50 to 69 acres	795	252	1	17	21	19	50	144
70 to 99 acres	842	290	3	15	29	45	70	128
100 to 139 acres	674	262	11	20	18	33	70	110
140 to 179 acres	516	202	1	18	24	34	45	80
180 to 219 acres	301	123	–	9	7	30	24	53
220 to 259 acres	222	102	6	5	13	9	29	40
260 to 499 acres	727	339	1	24	36	68	82	128
500 to 999 acres	448	207	5	12	20	33	61	76
1,000 to 1,999 acres	223	112	1	4	14	27	35	31
2,000 acres or more	154	85	1	5	8	14	23	34
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	888	285	4	19	21	47	72	122
Field crop, except cash grain farms (013)	1 703	520	18	44	40	67	115	236
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 703	520	18	44	40	67	115	236
Vegetable and melon farms (016)	131	41	–	2	1	4	16	18
Fruit and tree nut farms (017)	523	130	1	8	4	14	38	65
Horticultural specialty farms (018)	91	26	–	2	10	3	1	10
General farms, primarily crop (019)	421	126	7	6	13	15	32	53
Livestock farms, except dairy, poultry, and animal specialty (021)	5 264	1 692	37	94	143	237	403	778
Beef cattle farms, except feedlots (0212)	3 512	1 157	20	46	102	161	294	534
Dairy farms (024)	140	65	–	5	10	14	7	29
Poultry and egg farms (025)	33	6	–	2	1	–	1	2
Animal specialty farms (027)	518	75	3	11	8	11	17	25
General farms, primarily livestock (029)	144	37	2	6	2	6	10	11
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	9 856	3 003	72	199	253	418	712	1 349
... $1,000	51 645	21 697	501	1 647	2 259	3 732	5 607	7 951
Farms by value of agricultural products sold:								
$15,000 or more	703	404	13	32	47	88	106	118
$10,000 to $14,999	1 076	517	10	48	65	95	146	153
$5,000 to $9,999	2 003	710	12	42	62	99	174	321
$2,500 to $4,999	2 126	657	14	33	41	73	133	363
Less than $2,500	3 948	715	23	44	38	63	153	394
$2,000 to $2,499	669	142	3	6	15	14	34	70
$1,500 to $1,999	816	162	13	11	5	8	27	98
$1,000 to $1,499	1 049	161	2	13	8	9	36	93
Less than $1,000	1 414	250	5	14	10	32	56	133

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						
		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 BY TYPE OF ORGANIZATION							
Individual or family ... farms	6 148	112	663	1 569	1 888	1 326	590
acres	804 281	7 994	48 010	184 990	280 865	192 402	90 020
Partnership ... farms	576	14	89	139	158	105	71
acres	162 629	(D)	(D)	26 554	60 329	33 411	18 185
Corporations:							
Family held ... farms	71	–	2	13	16	25	15
acres	52 198	–	(D)	(D)	28 426	11 031	7 824
More than 10 stockholders ... farms	3	–	–	–	–	2	1
10 or less stockholders ... farms	68	–	2	13	16	23	14
Other than family held ... farms	2	–	–	1	1	–	–
acres	(D)	–	–	(D)	(D)	–	–
More than 10 stockholders ... farms	–	–	–	–	–	–	–
10 or less stockholders ... farms	2	–	–	1	1	–	–
Other—cooperative, estate or trust, etc. ... farms	56	1	8	9	18	12	8
acres	(D)	(D)	1 004	2 284	(D)	3 896	3 392
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 207	70	492	1 123	1 250	858	414
Not on farm operated	2 025	45	210	466	654	448	202
Operators by age group:							
Under 25 years	127	127	–	–	–	–	–
25 to 34 years	762	–	762	–	–	–	–
35 to 44 years	1 731	–	–	1 731	–	–	–
45 to 54 years	2 081	–	–	–	2 081	–	–
55 to 64 years	1 468	–	–	–	–	1 468	–
65 years and over	684	–	–	–	–	–	684
Average age	48.5	22.4	30.1	39.7	49.4	59.0	70.2
Operators by sex:							
Male	6 664	127	751	1 707	2 034	1 420	625
Female	189	–	11	24	47	48	59
Operators of Spanish origin	25	–	1	13	8	2	1
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	6 853	127	762	1 731	2 081	1 468	684
Operators reporting days of work off farm:							
None	489	5	8	32	45	106	293
1 to 99 days	361	15	33	60	103	71	79
100 to 199 days	844	19	60	214	234	198	119
200 days or more	5 159	88	661	1 425	1 699	1 093	193
FARMS BY SIZE							
1 to 9 acres	1 328	30	200	389	384	225	100
10 to 49 acres	2 597	52	271	618	791	577	288
50 to 69 acres	543	7	65	141	174	105	51
70 to 99 acres	552	25	65	123	157	131	51
100 to 139 acres	412	4	46	101	130	93	38
140 to 179 acres	314	1	35	95	86	63	34
180 to 219 acres	178	1	12	44	54	53	14
220 to 259 acres	120	–	11	41	25	35	8
260 to 499 acres	388	5	31	84	129	86	53
500 to 999 acres	241	1	15	52	89	57	27
1,000 to 1,999 acres	111	–	7	32	34	27	11
2,000 acres or more	69	1	4	11	28	16	9
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	603	20	81	143	178	124	57
Field crop, except cash grain farms (013)	1 183	18	119	298	339	288	121
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 183	18	119	298	339	288	121
Vegetable and melon farms (016)	90	–	15	17	32	18	8
Fruit and tree nut farms (017)	393	6	45	81	134	76	51
Horticultural specialty farms (018)	65	–	12	11	22	6	14
General farms, primarily crop (019)	295	2	38	94	84	59	18
Livestock farms, except dairy, poultry, and animal specialty (021)	3 572	67	357	901	1 074	797	376
Beef cattle farms, except feedlots (0212)	2 355	38	227	577	731	523	259
Dairy farms (024)	75	1	10	14	32	13	5
Poultry and egg farms (025)	27	–	5	9	7	2	4
Animal specialty farms (027)	443	13	62	130	149	67	22
General farms, primarily livestock (029)	107	–	18	33	30	18	8
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... farms	6 853	127	762	1 731	2 081	1 468	684
$1,000	29 948	709	3 068	7 316	9 660	6 487	2 707
Farms by value of agricultural products sold:							
$15,000 or more	299	15	23	83	106	52	20
$10,000 to $14,999	559	14	64	134	185	119	43
$5,000 to $9,999	1 293	19	132	303	403	310	126
$2,500 to $4,999	1 469	28	170	319	470	324	158
Less than $2,500	3 233	51	373	892	917	663	337
$2,000 to $2,499	527	5	58	154	148	108	54
$1,500 to $1,999	654	3	60	165	196	156	74
$1,000 to $1,499	888	17	91	248	245	180	107
Less than $1,000	1 164	26	164	325	328	219	102

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 PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... farms	2 377	884	31	51	71	128	217	386
$1,000	6 601	2 787	89	223	285	459	753	978
Sales of $5,000 or more ... farms	402	186	7	17	20	32	56	54
$1,000	3 336	1 552	45	144	181	288	469	424
Commodity Credit Corporation loans ... farms	162	69	4	6	4	13	17	25
$1,000	224	135	7	16	9	32	42	28
Cotton and cottonseed ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $5,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $5,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	2 852	910	26	62	69	121	214	418
$1,000	8 936	3 546	139	334	365	543	850	1 315
Sales of $5,000 or more ... farms	577	257	11	29	26	40	63	88
$1,000	4 947	2 238	104	251	259	364	541	719
Vegetables, sweet corn, and melons ... farms	307	108	2	8	4	14	26	54
$1,000	947	410	(D)	38	(D)	65	151	134
Sales of $5,000 or more ... farms	70	32	–	2	1	7	14	8
$1,000	611	299	–	(D)	(D)	58	130	78
Fruits, nuts, and berries ... farms	559	155	1	8	5	18	42	81
$1,000	1 773	659	(D)	87	(D)	90	204	257
Sales of $5,000 or more ... farms	127	53	1	7	1	7	19	18
$1,000	1 214	513	(D)	(D)	(D)	76	171	163
Nursery and greenhouse products ... farms	103	33	–	3	11	4	4	11
$1,000	624	272	–	15	137	34	4	81
Sales of $5,000 or more ... farms	50	21	–	1	10	4	–	6
$1,000	513	246	–	(D)	133	(D)	–	70
Other crops ... farms	116	40	2	6	3	3	13	13
$1,000	423	157	(D)	28	(D)	21	71	30
Sales of $5,000 or more ... farms	36	11	–	1	–	2	5	3
$1,000	302	112	–	(D)	–	(D)	58	21
Poultry and poultry products ... farms	313	77	1	6	6	7	17	40
$1,000	158	55	(D)	(D)	1	1	9	12
Sales of $5,000 or more ... farms	6	2	–	2	–	–	–	–
$1,000	79	(D)	–	(D)	–	–	–	–
Dairy products ... farms	256	91	–	5	13	19	12	42
$1,000	1 162	671	–	34	118	161	102	257
Sales of $5,000 or more ... farms	99	59	–	3	10	14	9	23
$1,000	992	623	–	30	117	151	99	227
Cattle and calves ... farms	5 286	1 798	29	112	164	254	434	805
$1,000	23 802	10 531	146	635	1 009	1 835	2 843	4 062
Sales of $5,000 or more ... farms	1 690	790	9	45	75	141	229	291
$1,000	16 402	8 185	103	502	780	1 546	2 330	2 923
Hogs and pigs ... farms	831	214	4	16	33	33	52	76
$1,000	1 252	365	11	22	72	70	121	70
Sales of $5,000 or more ... farms	64	18	–	1	4	3	8	2
$1,000	505	159	–	(D)	37	35	69	(D)
Sheep, lambs, and wool ... farms	1 526	518	13	28	46	78	100	253
$1,000	3 624	1 728	64	130	173	348	374	639
Sales of $5,000 or more ... farms	198	103	3	9	9	22	24	36
$1,000	1 929	1 071	30	97	107	264	251	321
Other livestock and livestock products (see text) ... farms	1 107	217	5	19	26	41	58	68
$1,000	2 344	517	38	70	62	107	125	116
Sales of $5,000 or more ... farms	140	28	2	4	4	6	8	4
$1,000	1 271	290	(D)	47	(D)	69	68	45
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... farms	3 824	1 114	31	111	102	146	201	523
$1,000	7 236	2 983	120	677	365	687	438	696
Farms with expenses of—								
$1 to $499	1 383	307	–	30	15	24	55	183
$500 to $2,499	1 613	477	21	40	60	31	87	238
$2,500 to $4,999	491	211	–	17	5	68	39	82
$5,000 or more	337	119	10	24	22	23	20	20
Feed for livestock and poultry ... farms	5 967	1 779	43	131	161	235	369	840
$1,000	6 946	2 619	142	322	242	438	662	813
Farms with expenses of—								
$1 to $499	2 743	763	22	33	41	60	156	451
$500 to $2,499	2 465	727	8	55	97	120	150	297
$2,500 to $4,999	516	169	–	27	11	32	34	65
$5,000 or more	243	120	13	16	12	23	29	27
Commercially mixed formula feeds ... farms	1 687	410	8	33	30	78	72	189
tons	11 360	3 298	13	254	342	884	805	1 000
$1,000	1 488	428	4	42	43	111	104	125
Farms by tons purchased:								
1 to 49 tons	1 365	304	8	26	23	42	45	160
50 to 99 tons	313	104	–	6	6	36	27	29
100 tons or more	9	2	–	1	1	–	–	–
Farms with expenses of—								
$1 to $499	954	195	7	20	9	26	24	109
$500 to $2,499	604	176	1	12	16	40	33	74
$2,500 to $4,999	81	30	–	–	3	11	10	6
$5,000 or more	48	9	–	1	2	1	5	–

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						
			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 PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain	forms	1 493	37	162	360	479	329	126
	$1,000	3 814	110	435	920	1 224	778	347
Sales of $5,000 or more	forms	216	6	21	61	71	37	20
	$1,000	1 785	57	161	471	608	304	183
Commodity Credit Corporation loans	forms	93	1	16	18	25	23	10
	$1,000	89	(D)	(D)	15	22	19	12
Cotton and cottonseed	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $5,000 or more	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Tobacco	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Sales of $5,000 or more	forms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	1 942	31	232	487	572	442	178
	$1,000	5 391	157	634	1 313	1 554	1 277	456
Sales of $5,000 or more	forms	320	15	34	81	91	75	24
	$1,000	2 709	125	278	679	770	660	198
Vegetables, sweet corn, and melons	forms	199	3	25	47	65	44	15
	$1,000	537	15	48	101	232	99	42
Sales of $5,000 or more	forms	38	2	4	6	14	8	4
	$1,000	312	(D)	(D)	52	147	53	23
Fruits, nuts, and berries	forms	404	7	29	106	127	77	58
	$1,000	1 114	20	155	191	356	229	161
Sales of $5,000 or more	forms	74	2	11	13	24	15	9
	$1,000	701	(D)	126	106	229	134	(D)
Nursery and greenhouse products	forms	70	–	12	13	25	6	14
	$1,000	352	–	69	97	126	35	25
Sales of $5,000 or more	forms	29	–	7	8	11	3	–
	$1,000	267	–	53	84	101	29	–
Other crops	forms	76	8	2	20	23	19	4
	$1,000	265	(D)	(D)	114	70	45	6
Sales of $5,000 or more	forms	25	2	–	13	5	5	–
	$1,000	190	(D)	–	107	40	(D)	–
Poultry and poultry products	forms	236	9	41	75	68	30	13
	$1,000	103	2	9	22	20	9	43
Sales of $5,000 or more	forms	4	–	–	1	1	–	2
	$1,000	49	–	–	(D)	(D)	–	(D)
Dairy products	forms	165	1	30	42	59	25	8
	$1,000	491	(D)	62	115	145	115	(D)
Sales of $5,000 or more	forms	40	1	3	10	10	12	4
	$1,000	370	(D)	(D)	94	107	95	41
Cattle and calves	forms	3 488	46	337	860	1 098	795	352
	$1,000	13 271	213	1 126	3 212	4 378	3 103	1 239
Sales of $5,000 or more	forms	900	12	81	211	307	208	81
	$1,000	8 217	122	677	2 038	2 841	1 846	692
Hogs and pigs	forms	617	21	77	207	198	86	28
	$1,000	887	56	128	252	266	120	65
Sales of $5,000 or more	forms	46	5	5	16	11	4	5
	$1,000	346	50	43	98	76	40	39
Sheep, lambs, and wool	forms	1 008	24	89	276	274	233	112
	$1,000	1 896	37	206	525	542	390	197
Sales of $5,000 or more	forms	95	3	13	25	30	15	9
	$1,000	858	27	110	245	259	129	87
Other livestock and livestock products (see text)	forms	890	23	141	286	272	127	41
	$1,000	1 827	62	194	455	746	287	82
Sales of $5,000 or more	forms	112	5	4	23	56	18	6
	$1,000	981	52	41	195	483	166	43
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	forms	2 710	57	386	715	881	485	186
	$1,000	4 252	173	426	1 159	1 603	592	299
Farms with expenses of—								
$1 to $499		1 076	7	156	300	332	221	60
$500 to $2,499		1 136	29	174	286	381	175	91
$2,500 to $4,999		280	4	50	60	91	55	20
$5,000 or more		218	17	6	69	77	34	15
Feed for livestock and poultry	forms	4 188	78	519	1 082	1 302	831	376
	$1,000	4 327	76	473	1 032	1 412	851	483
Farms with expenses of—								
$1 to $499		1 980	54	207	563	579	386	191
$500 to $2,499		1 738	11	279	441	543	339	125
$2,500 to $4,999		347	13	22	48	139	92	33
$5,000 or more		123	–	11	30	41	14	27
Commercially mixed formula feeds	forms	1 277	19	215	348	369	246	80
	tons	8 062	93	1 331	1 647	2 562	1 615	814
	$1,000	1 060	11	168	202	364	206	110
Farms by tons purchased:								
1 to 49 tons		1 061	18	171	306	302	207	57
50 to 99 tons		209	1	44	41	66	39	18
100 tons or more		7	–	–	1	1	–	5
Farms with expenses of—								
$1 to $499		759	13	110	232	204	146	54
$500 to $2,499		428	6	91	109	129	79	14
$2,500 to $4,999		51	–	10	2	18	14	7
$5,000 or more		39	–	4	5	18	7	5

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
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... farms	5 352	1 731	45	132	180	254	354	766
$1,000	725	229	7	24	39	45	46	68
Farms with expenses of—								
$1 to $99	2 851	920	23	48	67	98	188	496
$100 to $999	2 298	738	22	73	96	139	147	261
$1,000 to $4,999	155	60	–	11	9	15	17	8
$5,000 or more	48	13	–	–	8	2	2	1
Seeds, bulbs, plants, and trees ... farms	3 872	1 418	24	99	116	210	316	653
$1,000	1 406	653	7	47	78	112	144	264
Farms with expenses of—								
$1 to $99	943	298	–	1	34	29	50	184
$100 to $999	2 169	749	23	66	26	109	161	364
$1,000 to $4,999	473	216	1	17	38	37	67	56
$5,000 or more	287	155	–	15	18	35	38	49
Commercial fertilizer ... farms	4 174	1 370	36	113	94	222	318	587
$1,000	2 368	998	39	116	126	198	214	305
Farms with expenses of—								
$1 to $499	2 765	790	6	45	42	121	172	404
$500 to $999	712	266	15	23	5	38	80	105
$1,000 to $2,499	560	231	14	34	27	32	63	61
$2,500 or more	137	83	1	11	20	31	3	17
Other agricultural chemicals including lime ... farms	3 972	1 448	37	98	151	220	310	632
$1,000	863	422	8	39	49	87	77	163
Farms with expenses of—								
$1 to $499	3 516	1 210	35	79	125	176	271	524
$500 to $999	277	119	2	7	11	14	21	64
$1,000 to $2,499	159	106	–	9	14	27	17	39
$2,500 or more	20	13	–	3	1	3	1	5
Energy and petroleum products ... farms	9 716	3 030	84	186	248	421	625	1 466
$1,000	7 098	3 184	69	200	343	619	783	1 170
Farms with expenses of—								
$1 to $499	5 353	1 154	39	62	63	104	206	680
$500 to $999	2 233	786	17	35	89	116	163	366
$1,000 to $2,499	1 620	812	24	76	59	122	164	367
$2,500 or more	510	278	4	13	37	79	92	53
Petroleum products ... farms	9 697	3 026	80	186	248	421	625	1 466
$1,000	5 700	2 551	47	159	253	494	655	941
Gasoline ... farms	9 288	2 911	74	172	247	411	589	1 418
$1,000	3 769	1 692	28	91	151	311	449	661
Diesel fuel ... farms	4 414	1 569	50	129	153	271	364	602
$1,000	1 183	532	11	46	58	126	140	150
LP gas, butane, and propane ... farms	625	221	6	27	6	61	36	85
$1,000	100	42	1	5	1	7	8	20
Fuel oil ... farms	523	225	–	18	29	37	37	104
$1,000	80	51	–	3	22	6	5	16
Natural gas ... farms	214	110	–	8	19	9	31	43
$1,000	61	30	–	2	3	3	8	13
Kerosene, motor oil, and grease ... farms	9 688	3 020	80	186	248	420	620	1 466
$1,000	507	204	7	13	18	41	46	80
Electricity ... farms	4 377	1 567	36	82	169	249	338	693
$1,000	1 301	584	20	39	86	117	115	206
Other—coal, wood, coke, etc. ... farms	554	244	12	7	21	43	57	104
$1,000	97	49	1	2	4	8	12	23
Hired farm labor ... farms	3 385	1 188	17	87	97	212	235	540
$1,000	3 160	1 335	4	68	163	309	258	532
Farms with expenses of—								
$1 to $499	1 692	518	16	34	43	63	103	259
$500 to $2,499	1 345	520	1	51	42	100	112	214
$2,500 to $4,999	303	127	–	–	11	41	15	60
$5,000 or more	45	23	–	2	1	8	5	7
Workers by number of days worked:								
150 days or more ... farms	427	222	–	13	18	44	58	89
workers	541	282	–	15	37	46	72	112
Less than 150 days ... farms	3 165	1 073	17	75	91	197	212	481
workers	9 517	3 408	24	160	265	700	699	1 560
Contract labor ... farms	743	241	6	29	26	45	42	93
$1,000	618	205	2	15	38	46	27	77
Farms with expenses of—								
$1 to $499	349	95	6	19	5	16	23	26
$500 to $999	244	91	–	9	15	15	10	42
$1,000 to $2,499	109	44	–	–	1	9	9	25
$2,500 or more	41	11	–	1	5	5	–	–
Customwork, machine hire, and rental of machinery and equipment ... farms	4 751	1 463	45	64	87	208	280	779
$1,000	2 520	948	13	55	84	122	164	511
Farms with expenses of—								
$1 to $499	3 235	926	44	38	37	135	147	525
$500 to $999	839	275	–	6	23	38	92	116
$1,000 to $2,499	536	178	–	13	15	22	39	89
$2,500 or more	141	84	1	7	12	13	2	49
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	646	241	10	33	38	51	36	73
$1,000	967	466	31	95	80	116	71	73
Value of agricultural products sold directly to individuals for human consumption ... farms	976	259	5	19	23	41	53	118
$1,000	1 322	437	2	24	45	78	93	195

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						
			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
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs	forms	3 621	68	437	952	1 125	719	320
	$1,000	496	7	56	156	151	76	49
Farms with expenses of—								
$1 to $99		1 931	39	205	458	589	407	233
$100 to $999		1 560	29	220	439	485	305	82
$1,000 to $4,999		95	–	11	29	48	7	–
$5,000 or more		35	–	1	26	3	–	5
Seeds, bulbs, plants, and trees	forms	2 454	37	277	550	735	607	248
	$1,000	753	10	82	168	250	194	48
Farms with expenses of—								
$1 to $99		645	6	71	125	181	144	118
$100 to $999		1 420	25	161	319	423	380	112
$1,000 to $4,999		257	6	38	68	77	52	16
$5,000 or more		132	–	7	38	54	31	2
Commercial fertilizer	forms	2 804	41	297	628	911	624	303
	$1,000	1 370	23	156	311	442	306	132
Farms with expenses of—								
$1 to $499		1 975	32	204	445	642	430	222
$500 to $999		446	1	42	97	148	110	48
$1,000 to $2,499		329	6	49	63	102	77	32
$2,500 or more		54	2	2	23	19	7	1
Other agricultural chemicals including lime	forms	2 524	57	219	545	847	611	245
	$1,000	441	15	37	102	152	96	39
Farms with expenses of—								
$1 to $499		2 306	39	202	496	772	579	218
$500 to $999		158	18	12	37	48	19	24
$1,000 to $2,499		53	–	5	12	26	7	3
$2,500 or more		7	–	–	–	1	6	–
Energy and petroleum products	forms	6 686	127	724	1 554	2 107	1 446	728
	$1,000	3 914	65	345	935	1 324	874	372
Farms with expenses of—								
$1 to $499		4 199	76	524	1 013	1 294	827	465
$500 to $999		1 447	34	122	299	443	355	194
$1,000 to $2,499		808	17	61	160	285	232	53
$2,500 or more		232	–	17	82	85	32	16
Petroleum products	forms	6 671	127	714	1 550	2 106	1 446	728
	$1,000	3 149	57	267	720	1 086	710	309
Gasoline	forms	6 377	121	682	1 480	1 987	1 394	713
	$1,000	2 077	36	173	471	724	464	210
Diesel fuel	forms	2 845	73	337	640	903	662	230
	$1,000	651	12	61	141	224	160	54
LP gas, butane, and propane	forms	404	12	37	102	150	64	39
	$1,000	58	2	3	21	18	9	5
Fuel oil	forms	298	5	21	91	84	45	52
	$1,000	29	1	1	8	7	5	7
Natural gas	forms	104	–	8	20	32	35	9
	$1,000	31	–	2	3	20	5	1
Kerosene, motor oil, and grease	forms	6 668	127	714	1 550	2 106	1 443	728
	$1,000	303	5	27	77	94	67	32
Electricity	forms	2 810	41	307	703	849	652	258
	$1,000	717	(D)	(D)	198	221	155	60
Other—coal, wood, coke, etc.	forms	310	2	17	90	87	91	23
	$1,000	48	(D)	(D)	17	16	8	3
Hired farm labor	forms	2 197	37	151	480	769	530	230
	$1,000	1 826	26	125	321	733	439	182
Farms with expenses of—								
$1 to $499		1 174	15	108	258	352	312	129
$500 to $2,499		825	20	28	208	329	149	91
$2,500 to $4,999		176	2	6	14	80	64	10
$5,000 or more		22	–	9	–	8	5	–
Workers by number of days worked:								
150 days or more	forms	205	2	18	46	91	27	21
	workers	259	(D)	(D)	68	115	31	21
Less than 150 days	forms	2 092	35	136	467	726	518	210
	workers	6 109	115	313	1 288	2 200	1 426	767
Contract labor	forms	502	6	56	96	189	98	57
	$1,000	413	2	53	49	191	92	26
Farms with expenses of—								
$1 to $499		254	6	23	50	91	45	39
$500 to $999		153	–	9	36	64	30	14
$1,000 to $2,499		65	–	20	9	17	15	4
$2,500 or more		30	–	4	1	17	8	–
Customwork, machine hire, and rental of machinery and equipment	forms	3 288	47	307	726	1 077	800	331
	$1,000	1 572	30	102	341	569	372	157
Farms with expenses of—								
$1 to $499		2 309	32	239	489	759	562	228
$500 to $999		564	6	43	139	173	144	59
$1,000 to $2,499		358	9	24	88	115	79	43
$2,500 or more		57	–	1	10	30	15	1
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	forms	405	17	74	123	110	63	18
	$1,000	501	24	102	134	141	85	15
Value of agricultural products sold directly to individuals for human consumption	forms	717	11	84	212	219	135	56
	$1,000	885	11	102	222	270	186	95

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ...forms..	9 763	3 044	84	186	248	421	633	1 472
...$1,000..	128 841	50 677	1 789	4 168	4 784	10 032	11 063	18 841
Forms by value group:								
$1 to $4,999	1 836	479	10	29	30	32	88	290
$5,000 to $9,999	3 763	914	22	53	46	110	151	532
$10,000 to $19,999	2 033	709	6	40	84	82	162	335
$20,000 to $49,999	1 793	770	45	44	70	150	195	266
$50,000 to $99,999	307	148	–	14	17	41	28	48
$100,000 to $199,999	30	23	1	6	1	6	9	–
$200,000 to $499,999	1	1	–	–	–	–	–	1
$500,000 or more	–	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ...forms..	5 229	1 965	49	107	159	287	387	976
...number..	7 380	2 640	83	159	239	370	556	1 233
Motortrucks, including pickups ...forms..	8 135	2 588	69	157	222	394	563	1 183
...number..	11 618	3 973	100	255	316	683	980	1 639
Wheel tractors ...forms..	7 863	2 568	54	132	216	363	569	1 234
...number..	12 149	4 496	77	210	382	820	1 057	1 950
2 or 3 ...forms..	3 110	1 265	22	64	117	220	334	508
...number..	6 847	2 890	45	134	262	531	774	1 144
4 or more ...forms..	164	91	–	2	7	41	15	26
...number..	713	394	–	(D)	(D)	187	63	106
Grain and bean combines, self-propelled only ...forms..	622	313	21	12	34	91	69	86
...number..	675	333	21	17	34	104	71	86
Cornpickers, corn heads, and picker-shellers ...forms..	92	40	–	1	8	7	14	10
...number..	111	58	–	(D)	8	8	31	10
Corn heads for combines ...forms..	58	21	–	–	–	6	12	3
...number..	62	24	–	–	–	7	14	3
Other cornpickers and picker-shellers ...forms..	35	20	–	1	8	1	3	7
...number..	49	34	–	(D)	8	(D)	(D)	7
Cottonpickers ...forms..	–	–	–	–	–	–	–	–
...number..	–	–	–	–	–	–	–	–
Mower conditioners ...forms..	2 723	1 077	26	52	104	220	245	430
...number..	2 822	1 105	36	54	105	229	250	431
Pickup balers ...forms..	3 897	1 476	32	77	131	227	316	693
...number..	4 079	1 604	32	83	140	250	320	779
Field forage harvesters, shear bar or flywheel type ...forms..	673	287	1	10	34	55	64	123
...number..	706	297	(D)	(D)	34	63	66	123
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ...forms..	5 672	1 896	37	132	177	285	402	863
...$1,000..	3 231	1 420	46	155	175	285	291	469
Commercial fertilizer ...forms..	3 958	1 345	36	113	94	218	316	568
...acres on which used..	114 419	48 602	1 705	5 535	5 476	10 624	10 762	14 500
Lime ...forms..	–	–	–	–	–	–	–	–
...acres on which used..	–	–	–	–	–	–	–	–
...tons..	–	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ...forms..	2 210	918	16	53	102	148	220	379
...acres on which used..	56 181	30 386	775	2 030	4 128	5 399	6 215	11 839
Nematodes in crops ...forms..	76	56	–	–	5	14	9	28
...acres on which used..	1 369	1 197	–	–	240	311	152	494
Diseases in crops and orchards ...forms..	566	147	5	6	6	22	35	73
...acres on which used..	4 688	2 027	100	140	248	339	469	731
Weeds, grass, or brush in crops and pasture ...forms..	1 874	647	16	56	53	103	138	281
...acres on which used..	49 365	21 577	610	2 740	1 388	4 550	4 656	7 633
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ...forms..	101	27	–	3	–	5	6	13
...acres on which used..	2 111	961	–	90	–	9	608	254
Insect control on livestock and poultry ...forms..	1 508	563	16	42	74	78	119	234
Sanitation and rodent and bird control ...forms..	558	229	6	10	30	33	38	112
LIVESTOCK								
Cattle and calves inventory ...forms..	5 955	1 939	30	119	174	276	468	872
...number..	185 650	89 756	1 521	6 020	10 386	16 115	25 562	30 152
Forms with—								
1 to 9	2 000	403	9	35	23	42	82	212
10 to 49	2 822	910	10	41	83	115	192	469
50 to 99	738	381	6	20	35	69	123	128
100 to 199	341	207	3	20	28	42	59	55
200 to 499	47	33	2	3	4	7	10	7
500 or more	7	5	–	–	1	1	2	1
Cows and heifers that had calved ...forms..	4 821	1 644	17	102	153	242	402	728
...number..	94 186	46 048	918	2 801	4 772	8 547	13 467	15 543
Beef cows ...forms..	4 216	1 468	13	93	138	212	373	639
...number..	90 716	44 494	896	2 708	4 528	8 260	13 182	14 920
Forms with—								
1 to 9	1 820	421	3	31	30	46	92	219
10 to 49	1 876	735	2	42	76	102	189	324
50 to 99	422	250	4	17	23	46	73	87
100 to 199	82	52	3	3	9	17	14	6
200 to 499	15	10	1	–	–	1	5	3
500 or more	1	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	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
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	6 719	126	735	1 567	2 107	1 446	738
$1,000	78 163	1 829	7 887	19 034	25 532	16 330	7 552
Farms by value group:							
$1 to $4,999	1 357	20	151	315	437	235	199
$5,000 to $9,999	2 849	42	338	643	867	686	273
$10,000 to $19,999	1 324	28	142	303	405	279	167
$20,000 to $49,999	1 023	32	88	255	337	224	87
$50,000 to $99,999	159	4	16	46	60	21	12
$100,000 to $199,999	7	–	–	5	1	1	–
$200,000 to $499,999	–	–	–	–	–	–	–
$500,000 or more	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... farms	3 264	62	283	762	991	768	398
number	4 740	78	418	1 089	1 492	1 121	542
Motortrucks, including pickups ... farms	5 547	114	589	1 312	1 816	1 192	524
number	7 645	176	776	1 839	2 508	1 650	696
Wheel tractors ... farms	5 295	92	511	1 204	1 687	1 212	589
number	7 653	130	746	1 802	2 454	1 685	836
2 or 3 ... farms	1 845	33	167	449	579	411	206
number	3 957	71	355	973	1 240	880	438
4 or more ... farms	73	–	14	21	32	1	5
number	319	–	61	95	138	(D)	(D)
Grain and bean combines, self-propelled only ... farms	309	–	42	66	118	43	40
number	342	–	44	95	119	43	41
Cornpickers, corn heads, and picker-shellers ... farms	52	–	17	16	15	4	–
number	53	–	17	16	16	4	–
Corn heads for combines ... farms	37	–	8	16	9	4	–
number	38	–	8	16	10	4	–
Other cornpickers and picker-shellers ... farms	15	–	9	–	6	–	–
number	15	–	9	–	6	–	–
Cottonpickers ... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... farms	1 646	38	162	388	582	310	166
number	1 717	43	172	399	599	328	176
Pickup balers ... farms	2 421	33	196	561	825	569	237
number	2 475	33	198	569	853	578	244
Field forage harvesters, shear bar or flywheel type ... farms	386	4	50	97	103	83	49
number	409	4	51	97	108	100	49
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... farms	3 776	71	373	829	1 253	852	398
$1,000	1 811	39	193	413	594	402	171
Commercial fertilizer ... farms	2 613	41	277	584	831	592	288
acres on which used	65 817	889	7 947	14 536	20 100	15 883	6 462
Lime ... farms	–	–	–	–	–	–	–
acres on which used	–	–	–	–	–	–	–
tons	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... farms	1 292	37	133	281	348	326	167
acres on which used	25 795	505	3 117	5 383	7 174	7 417	2 199
Nematodes in crops ... farms	20	–	1	4	15	–	–
acres on which used	172	–	(D)	(D)	159	–	–
Diseases in crops and orchards ... farms	419	16	16	119	142	81	45
acres on which used	2 661	144	65	726	861	530	335
Weeds, grass, or brush in crops and pasture ... farms	1 227	31	101	214	476	302	103
acres on which used	27 788	849	2 767	4 659	12 048	5 902	1 563
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... farms	74	–	9	17	20	18	10
acres on which used	1 150	–	44	77	75	897	57
Insect control on livestock and poultry ... farms	945	36	107	219	294	205	84
Sanitation and rodent and bird control ... farms	329	2	32	86	108	78	23
LIVESTOCK							
Cattle and calves inventory ... farms	4 016	65	418	1 016	1 261	872	384
number	95 894	887	8 893	23 985	30 739	21 340	10 050
Farms with—							
1 to 9	1 597	42	197	436	489	309	124
10 to 49	1 912	20	179	447	605	452	209
50 to 99	357	3	29	91	120	81	33
100 to 199	134	–	12	36	43	27	16
200 to 499	14	–	1	5	4	3	1
500 or more	2	–	–	1	–	–	1
Cows and heifers that had calved ... farms	3 177	45	332	796	1 016	699	289
number	48 138	382	4 669	12 152	15 079	11 247	4 609
Beef cows ... farms	2 748	27	287	667	875	626	266
number	46 222	295	4 493	11 619	14 475	10 864	4 476
Farms with—							
1 to 9	1 399	17	159	342	474	296	111
10 to 49	1 141	9	108	269	336	284	135
50 to 99	172	1	16	43	54	42	16
100 to 199	30	–	3	10	11	3	3
200 to 499	5	–	1	2	–	1	1
500 or more	1	–	–	1	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
		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 ....forms..	1 330	389	4	22	43	64	76	180
....number..	3 470	1 554	22	93	244	287	285	623
Farms with—								
1 to 4	1 187	312	2	18	34	48	65	145
5 to 9	55	24	–	–	2	5	2	15
10 to 49	88	53	2	4	7	11	9	20
50 to 99	–	–	–	–	–	–	–	–
100 to 199	–	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Heifers and heifer calves ....forms..	4 164	1 441	23	79	138	215	377	609
....number..	44 137	21 695	206	1 952	3 023	3 718	5 968	6 828
Steers, steer calves, bulls, and bull calves ....forms..	4 802	1 614	26	96	148	228	406	710
....number..	47 327	22 013	397	1 267	2 591	3 850	6 127	7 781
Cattle and calves sold ....forms..	5 286	1 798	29	112	164	254	434	805
....number..	81 986	37 135	628	2 198	3 398	6 495	10 163	14 253
....$1,000..	23 802	10 531	146	635	1 009	1 835	2 843	4 062
Calves ....forms..	2 775	1 002	19	60	89	146	252	436
....number..	38 884	18 415	403	912	1 718	3 001	5 342	7 039
....$1,000..	8 870	4 110	81	214	375	685	1 203	1 552
Cattle ....forms..	4 096	1 356	15	88	125	202	325	601
....number..	43 102	18 720	225	1 286	1 680	3 494	4 821	7 214
....$1,000..	14 932	6 420	65	421	634	1 150	1 640	2 510
Fattened on grain and concentrates ....forms..	1 023	350	1	31	26	42	88	162
....number..	8 061	3 716	(D)	(D)	324	623	882	1 488
....$1,000..	3 160	1 444	(D)	(D)	129	229	340	601
Hogs and pigs inventory ....forms..	1 227	287	6	22	38	55	71	95
....number..	16 370	4 737	129	237	1 135	595	1 400	1 241
Farms with—								
1 to 9	820	179	2	11	22	40	38	66
10 to 49	336	88	4	11	10	12	23	28
50 to 99	43	12	–	–	2	2	8	–
100 to 199	22	5	–	–	3	1	1	–
200 to 499	5	2	–	–	1	–	1	–
500 or more	1	1	–	–	–	–	–	1
Used or to be used for breeding ....forms..	670	168	4	8	24	34	40	58
....number..	3 127	912	29	36	229	137	299	182
Other ....forms..	1 071	232	5	20	33	37	66	71
....number..	13 243	3 825	100	201	906	458	1 101	1 059
Hogs and pigs sold ....forms..	831	214	4	16	33	33	52	76
....number..	20 206	5 748	146	252	1 409	922	1 711	1 308
....$1,000..	1 252	365	11	22	72	70	121	70
Feeder pigs sold ....forms..	270	71	1	3	15	11	16	25
....number..	7 722	2 403	(D)	(D)	843	324	452	731
....$1,000..	231	81	(D)	(D)	34	10	14	22
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ....forms..	696	176	4	8	26	35	42	61
....number..	3 251	908	32	29	215	154	274	204
Dec. 1 and May 31 ....forms..	575	151	4	8	20	31	35	53
....number..	1 740	478	17	15	103	82	140	121
June 1 and Nov. 30 ....forms..	471	115	4	6	19	26	31	29
....number..	1 511	430	15	14	112	72	134	83
Sheep and lambs of all ages inventory ....forms..	1 574	515	13	29	47	81	98	247
....number..	88 915	42 315	1 307	3 402	5 355	9 656	8 442	14 153
Ewes 1 year old or older ....forms..	1 473	495	13	27	44	79	95	237
....number..	57 764	27 474	1 165	2 279	2 798	6 206	5 419	9 607
Sheep and lambs sold ....forms..	1 447	510	13	28	46	75	98	250
....number..	58 325	28 487	1 052	2 039	2 915	5 633	6 079	10 769
Sheep and lambs shorn ....forms..	1 421	502	13	24	44	76	97	248
....number..	66 721	32 281	1 076	2 056	3 121	7 536	6 234	12 258
....pounds of wool..	643 238	310 621	9 639	20 790	31 372	67 198	61 694	119 928
Horses and ponies inventory ....forms..	4 225	1 147	18	93	130	183	296	427
....number..	17 361	4 604	42	328	692	935	1 169	1 438
Horses and ponies sold ....forms..	853	166	3	13	19	31	46	54
....number..	2 109	443	5	38	65	86	120	129
....$1,000..	1 540	236	2	21	46	48	47	73
Goats inventory ....forms..	111	23	–	4	3	10	3	3
....number..	968	167	–	26	9	91	13	28
Goats sold ....forms..	37	7	–	1	1	2	1	2
....number..	222	128	–	(D)	(D)	(D)	(D)	(D)
....$1,000..	11	8	–	(D)	(D)	(D)	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ....forms..	1 189	295	4	17	25	50	66	133
....number..	36 038	12 245	33	3 635	652	1 379	1 902	4 644
Farms with—								
1 to 399	1 182	292	4	15	25	50	66	132
400 to 3,199	7	3	–	2	–	–	–	1
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Hens and pullets of laying age ....forms..	1 165	286	4	17	24	50	66	125
....number..	32 441	10 929	33	(D)	(D)	1 274	1 743	4 394
Pullets 3 months old or older not of laying age ....forms..	145	33	–	2	4	6	6	15
....number..	3 597	1 316	–	(D)	(D)	105	159	250

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						
		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
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ....farms..	941	22	93	289	320	160	57
....number..	1 916	87	176	533	604	383	133
Farms with—							
1 to 4	875	15	88	277	304	141	50
5 to 9	31	6	4	2	7	8	4
10 to 49	35	1	1	10	9	11	3
50 to 99	–	–	–	–	–	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ....farms..	2 723	48	257	680	870	603	265
....number..	22 442	202	1 937	5 582	7 144	4 805	2 772
Steers, steer calves, bulls, and bull calves ....farms..	3 188	53	320	811	1 012	696	296
....number..	25 314	303	2 287	6 251	8 516	5 288	2 669
Cattle and calves sold ....farms..	3 488	46	337	860	1 098	795	352
....number..	44 851	598	3 875	10 973	14 223	10 628	4 554
....$1,000..	13 271	213	1 126	3 212	4 378	3 103	1 239
Calves ....farms..	1 773	15	180	434	566	409	169
....number..	20 469	148	2 042	4 830	6 225	5 118	2 106
....$1,000..	4 759	36	470	1 165	1 464	1 166	457
Cattle ....farms..	2 740	41	258	688	851	618	284
....number..	24 382	450	1 833	6 143	7 998	5 510	2 448
....$1,000..	8 512	177	655	2 047	2 914	1 937	782
Fattened on grain and concentrates ....farms..	673	3	55	173	215	169	58
....number..	4 345	29	360	962	1 376	1 281	337
....$1,000..	1 715	14	125	392	539	524	122
Hogs and pigs inventory ....farms..	940	31	141	314	281	126	47
....number..	11 633	866	1 593	3 669	3 453	1 395	657
Farms with—							
1 to 9	641	24	97	203	195	89	33
10 to 49	248	3	38	96	70	32	9
50 to 99	31	–	5	8	11	2	5
100 to 199	17	3	1	7	3	3	–
200 to 499	3	1	–	–	2	–	–
500 or more	–	–	–	–	–	–	–
Used or to be used for breeding ....farms..	502	22	74	157	154	68	27
....number..	2 215	165	243	733	706	269	99
Other ....farms..	839	31	123	285	261	105	34
....number..	9 418	701	1 350	2 936	2 747	1 126	558
Hogs and pigs sold ....farms..	617	21	77	207	198	86	28
....number..	14 458	1 322	1 856	4 373	4 208	1 944	755
....$1,000..	887	56	128	252	266	120	65
Feeder pigs sold ....farms..	199	18	23	58	67	28	5
....number..	5 319	623	492	1 709	1 569	807	119
....$1,000..	150	17	14	44	48	22	4
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ....farms..	520	22	78	161	160	72	27
....number..	2 343	185	334	686	757	274	107
Dec. 1 and May 31 ....farms..	424	21	65	126	132	56	24
....number..	1 262	100	188	407	376	140	51
June 1 and Nov. 30 ....farms..	356	15	59	107	120	41	14
....number..	1 081	85	146	279	381	134	56
Sheep and lambs of all ages inventory ....farms..	1 059	18	94	300	285	245	117
....number..	46 600	928	4 627	14 088	12 866	8 909	5 182
Ewes 1 year old or older ....farms..	978	18	85	267	269	234	105
....number..	30 290	584	2 814	8 996	8 873	5 808	3 215
Sheep and lambs sold ....farms..	937	23	85	253	250	222	104
....number..	29 838	572	3 048	8 556	8 435	6 156	3 071
Sheep and lambs shorn ....farms..	919	11	78	254	252	219	105
....number..	34 440	502	3 736	9 275	10 082	6 994	3 851
....pounds of wool..	332 617	4 566	34 935	90 029	96 871	67 447	38 769
Horses and ponies inventory ....farms..	3 078	40	332	901	996	595	214
....number..	12 757	121	1 252	3 943	4 364	2 265	812
Horses and ponies sold ....farms..	687	18	103	234	208	93	31
....number..	1 666	35	220	546	586	202	77
....$1,000..	1 303	26	122	389	512	196	58
Goats inventory ....farms..	88	–	17	39	20	12	–
....number..	801	–	121	218	102	360	–
Goats sold ....farms..	30	7	8	9	4	1	1
....number..	94	(D)	30	26	21	(D)	(D)
....$1,000..	2	(D)	(Z)	1	1	(D)	(D)
POULTRY							
Chickens 3 months old or older inventory ....farms..	894	37	106	325	242	135	49
....number..	23 793	494	2 629	7 658	6 272	3 672	3 068
Farms with—							
1 to 399	890	37	106	324	240	135	48
400 to 3,199	4	–	–	1	2	–	1
3,200 to 9,999	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Hens and pullets of laying age ....farms..	879	37	105	316	241	133	47
....number..	21 512	494	2 110	6 747	5 894	3 302	2 965
Pullets 3 months old or older not of laying age ....farms..	112	–	28	33	31	15	5
....number..	2 281	–	519	911	378	370	103

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
POULTRY—Con.								
Chickens 3 months old or older sold ... forms	68	21	–	4	1	3	5	8
number	6 565	1 491	–	760	(D)	(D)	250	335
Broilers and other meat-type chickens sold ... forms	30	2	–	–	1	1	–	–
number	1 212	(D)	–	–	(D)	(D)	–	–
Forms with—								
1 to 1,999	30	2	–	–	1	1	–	–
2,000 to 15,999	–	–	–	–	–	–	–	–
16,000 to 29,999	–	–	–	–	–	–	–	–
30,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	65	19	–	3	2	3	5	6
number	238	79	–	10	(D)	(D)	32	24
Turkeys sold ... forms	7	2	–	1	1	–	–	–
number	44	(D)	–	(D)	(D)	–	–	–
CROPS HARVESTED								
Corn for all purposes ... forms	1 034	442	13	42	48	74	124	141
acres	15 250	7 576	160	821	1 386	1 264	2 211	1 734
For grain or seed ... forms	303	109	4	10	14	13	32	36
acres	4 227	1 777	26	120	294	276	648	413
bushels	299 840	118 419	1 284	8 020	25 472	18 739	32 532	32 372
Irrigated ... forms	303	109	4	10	14	13	32	36
acres	4 227	1 777	26	120	294	276	648	413
Forms by acres harvested:								
1 to 24 acres	258	87	4	9	9	9	25	31
25 to 99 acres	43	21	–	1	5	4	6	5
100 to 499 acres	2	1	–	–	–	–	1	–
500 acres or more	–	–	–	–	–	–	–	–
Wheat for grain ... forms	1 181	469	6	25	37	75	115	211
acres	53 290	23 114	188	2 007	2 618	3 342	5 644	9 315
bushels	1 245 880	554 944	7 960	65 275	53 485	79 729	129 422	219 073
Irrigated ... forms	733	305	4	15	24	51	77	134
acres	8 699	4 018	110	280	296	784	1 144	1 404
Forms by acres harvested:								
1 to 24 acres	758	286	1	10	21	47	68	139
25 to 99 acres	277	122	5	9	9	16	31	52
100 to 499 acres	140	58	–	6	7	12	16	17
500 acres or more	6	3	–	–	–	–	–	3
Oats for grain ... forms	800	318	5	23	29	58	85	118
acres	7 005	3 044	111	315	346	723	679	870
bushels	357 512	159 023	6 144	19 420	18 599	33 499	36 574	44 787
Irrigated ... forms	751	300	5	23	27	54	77	114
acres	6 359	2 676	111	315	326	506	597	821
Barley for grain ... forms	2 516	1 028	28	61	87	165	246	441
acres	40 327	19 142	707	1 485	1 914	4 088	4 870	6 078
bushels	2 220 247	1 039 045	33 791	76 716	99 437	201 403	280 872	346 826
Irrigated ... forms	2 272	922	27	54	83	143	220	395
acres	34 079	15 946	675	1 282	1 828	3 063	3 922	5 176
Irish potatoes ... forms	81	37	–	2	2	7	10	16
acres	241	123	–	(D)	(D)	39	22	33
hundredweight	32 191	19 578	–	(D)	(D)	6 640	3 336	3 748
Irrigated ... forms	81	37	–	2	2	7	10	16
acres	241	123	–	(D)	(D)	39	22	33
Forms by acres harvested:								
0.1 to 0.9 acres	36	19	–	–	1	2	6	10
1.0 to 4.9 acres	33	14	–	1	1	4	3	5
5.0 to 24.9 acres	10	2	–	–	–	–	1	1
25.0 to 99.9 acres	2	2	–	1	–	1	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Sugar beets for sugar ... forms	54	16	2	4	1	1	6	2
acres	755	200	(D)	38	(D)	(D)	74	(D)
tons	12 927	3 642	(D)	656	(D)	(D)	1 560	(D)
Irrigated ... forms	54	16	2	4	1	1	6	2
acres	755	200	(D)	38	(D)	(D)	74	(D)
Hay crops (see text) ... forms	6 798	2 305	36	119	197	323	565	1 065
acres	209 336	96 075	1 560	6 144	12 160	17 325	24 636	34 250
tons, dry	523 905	244 229	4 652	16 608	29 772	45 924	62 738	84 535
Irrigated ... forms	6 254	2 146	36	105	185	306	526	988
acres	179 143	82 647	1 492	5 141	10 911	15 312	20 807	28 984
Forms by acres harvested:								
1 to 24 acres	3 970	1 024	18	38	51	116	229	572
25 to 99 acres	2 475	1 065	15	62	109	157	281	441
100 to 499 acres	353	216	3	19	37	50	55	52
500 acres or more	–	–	–	–	–	–	–	–
Alfalfa hay ... forms	6 078	2 120	35	108	182	297	522	976
acres	161 541	74 755	1 487	4 570	9 129	14 024	19 634	25 911
tons, dry	444 042	208 486	4 462	13 430	25 729	40 337	53 856	70 672
Irrigated ... forms	5 648	1 987	35	96	171	282	492	911
acres	141 464	65 596	1 419	3 960	8 289	12 606	17 069	22 253
All vegetables harvested for sale (see text) ... forms	307	108	2	8	4	14	26	54
acres	1 825	737	(D)	103	(D)	78	260	242
Irrigated ... forms	307	108	2	8	4	14	26	54
acres	1 825	737	(D)	103	(D)	78	260	242
Forms by acres harvested:								
0.1 to 4.9 acres	199	63	2	3	–	9	9	40
5.0 to 24.9 acres	95	40	–	4	3	4	16	13
25.0 to 99.9 acres	13	5	–	1	1	1	1	1
100.0 acres or more	–	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Other occupations						
		Age of operator					
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
POULTRY—Con.							
Chickens 3 months old or older sold ... farms	47	2	11	17	9	4	4
number	5 074	(D)	679	1 604	1 864	(D)	808
Broilers and other meat-type chickens sold ... farms	28	2	11	3	5	6	1
number	1 147	(D)	370	136	300	191	(D)
Farms with—							
1 to 1,999	28	2	11	3	5	6	1
2,000 to 15,999	–	–	–	–	–	–	–
16,000 to 29,999	–	–	–	–	–	–	–
30,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	46	14	11	7	9	4	1
number	159	42	43	20	38	(D)	(D)
Turkeys sold ... farms	5	–	1	2	2	–	–
number	25	–	(D)	(D)	(D)	–	–
CROPS HARVESTED							
Corn for all purposes ... farms	592	6	64	172	193	124	33
acres	7 674	98	1 045	2 163	2 478	1 486	404
For grain or seed ... farms	194	3	27	51	60	36	17
acres	2 450	52	471	568	791	381	187
bushels	181 421	4 270	30 420	39 482	57 724	31 000	18 525
Irrigated ... farms	194	3	27	51	60	36	17
acres	2 450	52	471	568	791	381	187
Farms by acres harvested:							
1 to 24 acres	171	3	20	47	55	31	15
25 to 99 acres	22	–	7	4	4	5	2
100 to 499 acres	1	–	–	–	1	–	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ... farms	712	13	79	149	230	168	73
acres	30 176	465	2 923	5 297	10 472	7 146	3 873
bushels	690 936	19 209	70 812	117 893	243 713	157 888	81 421
Irrigated ... farms	428	12	43	98	145	95	35
acres	4 681	185	614	847	1 643	1 037	355
Farms by acres harvested:							
1 to 24 acres	472	11	42	113	151	109	46
25 to 99 acres	155	1	31	22	46	40	15
100 to 499 acres	82	1	6	13	32	18	12
500 acres or more	3	–	–	1	1	1	–
Oats for grain ... farms	482	13	52	151	156	79	31
acres	3 961	180	409	1 193	1 430	545	204
bushels	198 489	5 153	17 752	64 525	70 596	31 444	9 019
Irrigated ... farms	451	13	51	141	140	78	28
acres	3 683	180	391	1 127	1 298	543	144
Barley for grain ... farms	1 488	29	155	374	449	351	130
acres	21 185	501	2 601	5 896	6 506	4 199	1 482
bushels	1 181 202	29 113	130 972	328 839	368 214	236 071	87 993
Irrigated ... farms	1 350	22	139	337	412	323	117
acres	18 133	417	2 165	4 948	5 702	3 646	1 255
Irish potatoes ... farms	44	1	3	6	18	14	2
acres	118	(D)	3	11	45	43	(D)
hundredweight	12 613	(D)	638	1 656	4 503	4 566	(D)
Irrigated ... farms	44	1	3	6	18	14	2
acres	118	(D)	3	11	45	43	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	17	–	2	2	8	4	1
1.0 to 4.9 acres	19	–	1	3	7	7	1
5.0 to 24.9 acres	8	1	–	1	3	3	–
25.0 to 99.9 acres	–	–	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–
Sugar beets for sugar ... farms	38	7	–	14	11	5	1
acres	555	63	–	271	140	(D)	(D)
tons	9 285	955	–	4 848	2 340	(D)	(D)
Irrigated ... farms	38	7	–	14	11	5	1
acres	555	63	–	271	140	(D)	(D)
Hay crops (see text) ... farms	4 493	67	446	1 126	1 358	1 042	454
acres	113 261	1 161	11 235	29 098	34 566	27 296	9 905
tons, dry	279 676	2 977	28 184	70 663	88 883	65 427	23 542
Irrigated ... farms	4 108	59	416	1 034	1 261	943	395
acres	96 496	1 072	9 924	24 950	29 448	22 736	8 366
Farms by acres harvested:							
1 to 24 acres	2 946	51	289	730	888	674	314
25 to 99 acres	1 410	16	151	352	436	325	130
100 to 499 acres	137	–	6	44	34	43	10
500 acres or more	–	–	–	–	–	–	–
Alfalfa hay ... farms	3 958	64	384	1 013	1 186	932	379
acres	86 786	1 049	8 437	22 279	26 820	20 801	7 400
tons, dry	235 556	2 899	22 750	60 662	74 637	55 610	18 998
Irrigated ... farms	3 661	56	361	943	1 108	856	337
acres	75 868	960	7 587	20 068	23 260	17 757	6 236
All vegetables harvested for sale (see text) ... farms	199	3	25	47	65	44	15
acres	1 088	57	101	243	410	198	79
Irrigated ... farms	199	3	25	47	65	44	15
acres	1 088	57	101	243	410	198	79
Farms by acres harvested:							
0.1 to 4.9 acres	136	1	18	34	40	33	10
5.0 to 24.9 acres	55	–	7	11	22	10	5
25.0 to 99.9 acres	8	2	–	2	3	1	–
100.0 acres or more	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than $20,000	Total farming and other occupations	Farming						
		Total	Age of operator					
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
CROPS HARVESTED—Con.								
Land in orchards ... forms	921	235	1	11	14	27	69	113
acres	4 777	1 690	(D)	146	(D)	187	632	641
Irrigated ... forms	869	221	1	10	14	26	64	106
acres	4 444	1 570	(D)	126	(D)	182	571	607
Farms by acres in orchards:								
0.1 to 4.9 acres	609	137	–	3	11	15	39	69
5.0 to 24.9 acres	290	83	1	7	3	10	21	41
25.0 to 99.9 acres	22	15	–	1	–	2	9	3
100.0 acres or more	–	–	–	–	–	–	–	–
Apples ... farms	550	150	1	5	7	19	45	73
total acres	1 496	501	(D)	68	(D)	77	169	163
pounds	5 479 090	2 078 097	(D)	257 362	(D)	304 670	661 558	810 857

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						
		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
CROPS HARVESTED—Con.							
Land in orchards ... farms	686	7	70	169	229	131	80
acres	3 088	55	331	662	1 099	581	360
Irrigated ... farms	648	7	67	158	220	119	77
acres	2 874	55	326	573	1 046	549	327
Farms by acres in orchards:							
0.1 to 4.9 acres	472	4	52	127	143	90	56
5.0 to 24.9 acres	207	2	17	42	83	40	23
25.0 to 99.9 acres	7	1	1	–	3	1	1
100.0 acres or more	–	–	–	–	–	–	–
Apples ... farms	400	5	36	104	130	75	50
total acres	995	32	79	219	329	199	137
pounds	3 400 993	91 849	382 375	530 381	1 188 009	734 913	473 466

[1]1978 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		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS							
Farms	number	13 696	1 841	3 562	909	1 042	958
	percent	100.0	13.4	26.0	6.6	7.6	6.9
Land in farms	acres	8 983 213	7 391	92 255	52 079	85 793	111 690
Average size of farm	acres	656	4	26	57	82	117
Value of land and buildings[1]	farms	13 696	1 879	3 635	946	976	809
	$1,000	3 954 770	144 871	440 451	167 971	165 233	191 707
Average per farm	dollars	288 753	77 100	121 169	177 559	169 296	236 967
Average per acre	dollars	440	19 021	4 634	3 132	2 060	2 044
Forms by value of land and buildings:							
$1 to $19,999		741	333	293	34	32	21
$20,000 to $39,999		1 133	290	570	79	73	32
$40,000 to $69,999		2 005	487	840	205	163	73
$70,000 to $99,999		1 562	324	459	102	198	83
$100,000 to $149,999		1 877	223	516	184	144	182
$150,000 to $199,999		1 318	113	328	93	127	112
$200,000 to $499,999		3 314	96	552	173	178	226
$500,000 to $999,999		1 081	13	61	55	49	56
$1,000,000 or more		665	-	16	21	12	24
Owned and rented land by operator:							
Land owned	farms	12 949	1 720	3 314	844	980	916
	acres	6 507 815	75 706	105 236	45 874	79 496	103 857
Land rented or leased from others	farms	4 901	258	908	311	347	384
	acres	2 752 597	2 666	18 144	11 412	17 489	30 925
Land rented or leased to others	farms	1 064	197	295	83	89	71
	acres	277 199	70 981	31 125	5 207	11 192	23 092
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	12 588	1 198	3 401	881	1 009	930
	acres	2 005 540	5 027	76 927	43 068	68 319	87 406
Harvested cropland	farms	11 584	898	3 081	831	960	875
	acres	1 157 643	3 334	52 466	27 669	44 427	56 155
Farms by acres harvested:							
1 to 49 acres		6 572	898	3 081	642	508	323
50 to 99 acres		2 014	-	-	189	452	364
100 to 199 acres		1 564	-	-	-	-	188
200 to 499 acres		1 067	-	-	-	-	-
500 to 999 acres		244	-	-	-	-	-
1,000 to 1,999 acres		103	-	-	-	-	-
2,000 acres or more		20	-	-	-	-	-
Cropland:							
Pasture or grazing only	farms	6 103	454	1 563	448	503	501
	acres	479 934	1 418	19 275	11 263	17 041	22 745
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	509	15	88	31	38	43
	acres	22 264	47	607	316	739	980
On which all crops failed	farms	672	17	124	44	53	51
	acres	25 118	45	1 015	360	656	1 241
In cultivated summer fallow	farms	1 410	11	149	49	111	85
	acres	224 777	19	926	519	1 882	1 802
Idle	farms	1 851	72	325	168	158	164
	acres	95 804	164	2 638	2 941	3 574	4 483
Total woodland	farms	505	7	64	28	28	27
	acres	215 523	13	523	401	688	1 017
Woodland pastured	farms	309	5	26	9	15	20
	acres	167 831	5	154	170	425	884
Woodland not pastured	farms	238	4	42	19	14	8
	acres	47 692	8	369	231	263	133
Pastureland and rangeland other than cropland and woodland pastured	farms	4 498	129	542	201	258	297
	acres	6 538 424	397	7 132	5 101	10 602	15 127
Land in house lots, ponds, roads, wasteland, etc.	farms	7 238	1 182	1 816	426	537	504
	acres	223 726	1 954	7 673	3 509	6 184	8 140
Pastureland, all types	farms	9 164	578	2 022	591	698	707
	acres	7 186 189	1 820	26 561	16 534	28 068	38 756
Irrigated land	farms	11 578	1 101	3 193	832	946	860
	acres	1 158 911	4 573	62 699	32 009	51 137	64 200
Harvested cropland irrigated	farms	10 669	813	2 915	789	895	821
	acres	833 715	3 106	47 794	25 066	39 632	49 571
Pastureland irrigated	farms	5 044	461	1 309	347	399	390
	acres	307 006	1 422	13 962	6 440	10 486	13 276
Other land irrigated	farms	734	21	165	69	69	74
	acres	18 190	45	943	503	1 019	1 353
Land set aside in the federal farm programs in 1978	farms	1 352	3	96	67	96	120
	acres	49 876	13	491	454	617	1 198
RACE AND TENURE OF OPERATOR							
All operators	number	13 696	1 841	3 562	909	1 042	958
Full owners	number	8 828	1 596	2 659	601	697	576
Part owners	number	4 097	118	648	243	281	339
Tenants	number	771	127	255	65	64	43
White	number	13 559	1 819	3 532	904	1 018	946
Full owners	number	8 766	1 578	2 641	598	686	574
Part owners	number	4 039	116	641	242	271	329
Tenants	number	754	125	250	64	61	43
Black and other races	number	137	22	30	5	24	12
Full owners	number	62	18	18	3	11	2
Part owners	number	58	2	7	1	10	10
Tenants	number	17	2	5	1	3	-

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
FARMS AND LAND IN FARMS							
Farms ..... number	791	503	418	1 388	937	597	750
percent	5.7	3.6	3.0	10.1	6.8	4.3	5.4
Land in farms ..... acres	124 547	99 712	98 987	491 785	652 765	825 665	6 340 544
Average size of farm ..... acres	157	198	237	354	697	1 383	8 454
Value of land and buildings[1] ..... farms	810	521	423	1 359	974	615	749
$1,000	224 099	152 548	125 744	501 343	433 701	312 556	1 094 546
Average per farm ..... dollars	276 665	292 798	297 267	368 905	445 277	508 220	1 461 343
Average per acre ..... dollars	1 756	1 475	1 254	1 022	645	368	173
Farms by value of land and buildings:							
$1 to $19,999	9	2	–	–	11	6	–
$20,000 to $39,999	47	18	5	6	4	9	–
$40,000 to $69,999	47	32	22	70	50	6	10
$70,000 to $99,999	117	47	48	115	47	21	1
$100,000 to $149,999	144	77	47	158	130	53	19
$150,000 to $199,999	102	74	39	133	109	65	23
$200,000 to $499,999	256	208	207	635	314	258	211
$500,000 to $999,999	50	34	37	165	218	127	216
$1,000,000 or more	38	29	18	77	91	70	269
Owned and rented land by operator:							
Land owned ..... farms	757	476	402	1 340	895	575	730
acres	101 828	80 716	78 559	398 996	512 352	654 178	4 271 017
Land rented or leased from others ..... farms	311	225	191	698	467	308	493
acres	27 759	22 375	25 286	113 806	160 350	206 828	2 115 557
Land rented or leased to others ..... farms	41	22	26	80	64	49	47
acres	5 040	3 379	4 858	21 017	19 937	35 341	46 030
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	770	496	414	1 352	899	570	668
acres	95 237	72 787	72 862	317 249	307 630	281 459	577 569
Harvested cropland ..... farms	725	478	400	1 284	855	558	639
acres	58 299	45 235	43 582	177 005	175 172	163 615	310 684
Farms by acres harvested:							
1 to 49 acres	223	144	101	308	165	89	90
50 to 99 acres	229	129	109	257	134	67	84
100 to 199 acres	273	180	125	370	199	112	117
200 to 499 acres	–	25	65	349	287	174	167
500 to 999 acres	–	–	–	–	70	99	75
1,000 to 1,999 acres	–	–	–	–	–	17	86
2,000 acres or more	–	–	–	–	–	–	20
Cropland:							
Pasture or grazing only ..... farms	452	288	236	751	441	221	245
acres	28 730	21 541	23 029	105 638	84 967	48 580	95 707
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	42	20	24	83	60	27	38
acres	774	367	683	3 644	4 204	4 473	5 430
On which all crops failed ..... farms	65	27	16	96	89	47	43
acres	1 362	747	495	3 301	5 383	3 687	6 826
In cultivated summer fallow ..... farms	92	57	54	230	213	181	178
acres	2 289	2 093	2 151	13 346	26 297	45 472	127 981
Idle ..... farms	140	75	72	264	173	120	120
acres	3 783	2 804	2 922	14 315	11 607	15 632	30 941
Total woodland ..... farms	23	28	20	77	58	66	79
acres	1 214	1 960	1 316	10 716	15 612	28 530	153 533
Woodland pastured ..... farms	12	17	11	51	37	47	59
acres	517	1 064	623	7 008	9 978	22 652	124 351
Woodland not pastured ..... farms	13	12	10	33	27	27	29
acres	697	896	693	3 708	5 634	5 878	29 182
Pastureland and rangeland other than cropland and woodland pastured ..... farms	255	189	164	650	631	486	696
acres	19 686	18 548	18 750	131 324	296 070	488 946	5 526 741
Land in house lots, ponds, roads, wasteland, etc. ..... farms	430	265	216	751	451	306	354
acres	8 410	6 417	6 059	32 496	33 453	26 730	82 701
Pastureland, all types ..... farms	610	395	326	1 158	818	544	717
acres	48 933	41 153	42 402	243 970	391 015	560 178	5 746 799
Irrigated land ..... farms	715	454	391	1 221	802	491	572
acres	65 891	50 958	48 838	207 964	194 415	149 822	226 405
Harvested cropland irrigated ..... farms	677	439	378	1 170	766	476	530
acres	51 344	39 046	38 212	147 336	135 481	101 605	155 522
Pastureland irrigated ..... farms	328	208	178	594	378	209	243
acres	13 547	11 420	10 173	56 814	55 904	46 335	67 227
Other land irrigated ..... farms	61	33	22	95	62	27	36
acres	1 000	492	453	3 814	3 030	1 882	3 656
Land set aside in the federal farm programs in 1978 ..... farms	104	57	60	257	195	152	145
acres	1 418	729	884	5 039	7 502	11 363	20 168
RACE AND TENURE OF OPERATOR							
All operators ..... number	791	503	418	1 388	937	597	750
Full owners ..... number	480	278	230	690	470	292	259
Part owners ..... number	273	197	172	650	424	283	469
Tenants ..... number	38	28	16	48	43	22	22
White ..... number	778	495	416	1 376	932	596	747
Full owners ..... number	478	276	230	685	470	291	259
Part owners ..... number	263	191	170	646	420	283	467
Tenants ..... number	37	28	16	45	42	22	21
Black and other races ..... number	13	8	2	12	5	1	3
Full owners ..... number	2	2	–	5	–	1	–
Part owners ..... number	10	6	2	4	4	–	2
Tenants ..... number	1	–	–	3	1	–	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS BY TYPE OF ORGANIZATION						
Individual or family ... farms	11 633	1 692	3 251	790	894	836
acres	4 956 822	6 908	83 390	45 297	73 733	97 698
Partnership ... farms	1 423	104	218	99	115	96
acres	2 043 247	345	6 421	5 658	9 338	11 060
Corporations:						
Family held ... farms	441	34	41	16	15	18
acres	1 800 201	97	1 067	908	(D)	(D)
More than 10 stockholders ... farms	20	–	1	1	–	–
10 or less stockholders ... farms	421	34	40	15	15	18
Other than family held ... farms	38	1	5	2	1	2
acres	80 129	(D)	76	(D)	(D)	(D)
More than 10 stockholders ... farms	6	–	1	–	–	–
10 or less stockholders ... farms	32	1	4	2	1	2
Other—cooperative, estate or trust, etc. ... farms	161	10	47	2	17	6
acres	102 814	(D)	1 301	(D)	1 443	689
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	8 857	1 327	2 237	550	658	634
Not on farm operated	3 537	334	956	283	285	240
Operators by age group:						
Under 25 years	266	65	80	11	30	18
25 to 34 years	1 393	270	338	97	106	98
35 to 44 years	2 731	466	709	176	197	178
45 to 54 years	3 609	471	922	227	249	238
55 to 64 years	3 192	320	801	185	254	246
65 years and over	2 505	249	712	213	206	180
Average age	51.3	47.7	51.6	52.1	51.6	51.7
Operators by sex:						
Male	13 322	1 793	3 458	887	1 014	932
Female	374	48	104	22	28	26
Operators of Spanish origin	50	8	15	1	6	4
Operators by principal occupation:						
Farming	6 097	420	885	330	441	491
Other	7 599	1 421	2 677	579	601	467
Operators reporting days of work off farm:						
None	4 396	383	738	232	314	322
1 to 99 days	1 268	128	272	74	80	85
100 to 199 days	1 472	133	371	98	135	120
200 days or more	6 034	1 158	2 082	452	473	390
FARMS BY SIZE						
1 to 9 acres	1 841	1 841	–	–	–	–
10 to 49 acres	3 562	–	3 562	–	–	–
50 to 69 acres	909	–	–	909	–	–
70 to 99 acres	1 042	–	–	–	1 042	–
100 to 139 acres	958	–	–	–	–	958
140 to 179 acres	791	–	–	–	–	–
180 to 219 acres	503	–	–	–	–	–
220 to 259 acres	418	–	–	–	–	–
260 to 499 acres	1 388	–	–	–	–	–
500 to 999 acres	937	–	–	–	–	–
1,000 to 1,999 acres	597	–	–	–	–	–
2,000 acres or more	750	–	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	1 126	16	333	93	92	65
Field crop, except cash grain farms (013)	2 072	87	731	199	219	165
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 072	87	731	199	219	165
Vegetable and melon farms (016)	189	53	66	13	21	13
Fruit and tree nut farms (017)	613	290	220	29	25	19
Horticultural specialty farms (018)	154	103	32	9	–	2
General farms, primarily crop (019)	554	27	182	52	62	52
Livestock farms, except dairy, poultry, and animal specialty (021)	6 885	781	1 595	417	486	456
Beef cattle farms, except feedlots (0212)	4 521	396	940	273	324	305
Dairy farms (024)	1 094	78	93	49	92	144
Poultry and egg farms (025)	153	37	37	9	15	9
Animal specialty farms (027)	676	343	228	35	20	14
General farms, primarily livestock (029)	180	26	45	4	10	19
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold ... farms	13 696	1 841	3 562	909	1 042	958
$1,000	461 313	20 284	42 639	32 749	29 456	31 648
Farms by value of agricultural products sold:						
$500,000 or more	87	1	7	8	6	4
$200,000 to $499,999	280	7	20	5	13	13
$100,000 to $199,999	594	39	26	15	19	38
$40,000 to $99,999	1 442	87	75	39	83	108
$20,000 to $39,999	1 437	90	97	47	79	121
$10,000 to $19,999	1 779	93	204	133	225	193
$5,000 to $9,999	2 003	140	515	221	229	175
$2,500 to $4,999	2 126	241	830	209	184	155
Less than $2,500	3 948	1 143	1 788	232	204	151

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
FARMS BY TYPE OF ORGANIZATION							
Individual or family ... farms	677	430	342	1 122	714	435	450
acres	106 348	85 267	80 793	397 762	496 423	595 352	2 887 851
Partnership ... farms	86	56	54	182	149	89	175
acres	13 742	11 083	12 906	62 862	103 191	127 937	1 678 704
Corporations:							
Family held ... farms	22	13	15	52	52	56	107
acres	3 468	2 577	3 604	20 005	36 246	77 608	1 651 437
More than 10 stockholders ... farms	3	–	–	1	5	4	5
10 or less stockholders ... farms	19	13	15	51	47	52	102
Other than family held ... farms	–	–	1	3	6	8	9
acres	–	–	(D)	1 035	4 645	10 548	63 130
More than 10 stockholders ... farms	–	–	1	–	–	3	1
10 or less stockholders ... farms	–	–	–	3	6	5	8
Other—cooperative, estate or trust, etc. ... farms	6	4	6	29	16	9	9
acres	989	785	(D)	10 121	12 260	14 220	59 422
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	508	321	302	925	574	371	450
Not on farm operated	212	118	83	339	279	183	225
Operators by age group:							
Under 25 years	8	5	10	14	10	5	10
25 to 34 years	81	41	38	150	85	46	43
35 to 44 years	167	87	90	256	157	118	130
45 to 54 years	207	148	91	387	263	177	229
55 to 64 years	186	138	119	336	263	156	188
65 years and over	142	84	70	245	159	95	150
Average age	51.3	52.2	51.4	51.5	52.3	52.1	53.2
Operators by sex:							
Male	762	482	405	1 347	921	581	740
Female	29	21	13	41	16	16	10
Operators of Spanish origin	–	2	1	2	1	5	5
Operators by principal occupation:							
Farming	432	293	276	890	629	417	593
Other	359	210	142	498	308	180	157
Operators reporting days of work off farm:							
None	282	195	184	579	433	290	444
1 to 99 days	74	52	46	200	109	68	80
100 to 199 days	121	58	40	151	104	68	73
200 days or more	273	180	120	394	250	142	120
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	791	–	–	–	–	–	–
180 to 219 acres	–	503	–	–	–	–	–
220 to 259 acres	–	–	418	–	–	–	–
260 to 499 acres	–	–	–	1 388	–	–	–
500 to 999 acres	–	–	–	–	937	–	–
1,000 to 1,999 acres	–	–	–	–	–	597	–
2,000 acres or more	–	–	–	–	–	–	750
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	65	41	28	100	99	101	93
Field crop, except cash grain farms (013)	118	79	75	214	108	50	27
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	118	79	75	214	108	50	27
Vegetable and melon farms (016)	8	4	3	6	1	–	1
Fruit and tree nut farms (017)	6	5	2	9	4	3	1
Horticultural specialty farms (018)	1	1	2	4	–	–	–
General farms, primarily crop (019)	43	19	24	45	23	16	9
Livestock farms, except dairy, poultry, and animal specialty (021)	371	259	194	772	587	380	587
Beef cattle farms, except feedlots (0212)	270	188	138	578	450	284	375
Dairy farms (024)	133	80	85	190	101	33	16
Poultry and egg farms (025)	9	5	2	16	5	5	4
Animal specialty farms (027)	12	2	1	9	3	2	7
General farms, primarily livestock (029)	25	8	2	23	6	7	5
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... farms	791	503	418	1 388	937	597	750
$1,000	24 303	16 883	19 436	67 072	52 850	37 916	86 076
Farms by value of agricultural products sold:							
$500,000 or more	4	3	3	10	8	8	25
$200,000 to $499,999	8	5	11	52	48	24	74
$100,000 to $199,999	30	24	34	108	79	53	129
$40,000 to $99,999	115	94	77	226	164	144	230
$20,000 to $39,999	118	76	71	265	190	145	138
$10,000 to $19,999	145	100	56	233	194	117	86
$5,000 to $9,999	127	79	79	222	129	48	39
$2,500 to $4,999	119	64	48	153	71	36	16
Less than $2,500	125	58	39	119	54	22	13

See footnote at end of table.

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

[Excludes abnormal forms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain	forms	3 696	28	785	282	362	331
	$1,000	28 169	25	1 232	759	1 237	1 285
Sales of $40,000 or more	forms	117	–	–	–	–	1
	$1,000	9 948	–	–	–	–	(D)
Commodity Credit Corporation loans	forms	360	1	35	15	28	41
	$1,000	1 503	(D)	(D)	15	30	36
Cotton and cottonseed	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Tobacco	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	3 869	142	1 153	340	410	336
	$1,000	32 331	147	2 096	1 112	1 831	2 062
Sales of $40,000 or more	forms	142	–	–	–	–	–
	$1,000	12 802	–	–	–	–	–
Vegetables, sweet corn, and melons	forms	512	83	163	37	54	41
	$1,000	7 019	174	748	573	1 361	710
Sales of $40,000 or more	forms	41	–	2	3	9	5
	$1,000	4 119	–	(D)	339	916	375
Fruits, nuts, and berries	forms	673	254	253	46	36	25
	$1,000	9 394	537	2 157	1 276	719	741
Sales of $40,000 or more	forms	44	–	7	12	6	5
	$1,000	6 200	–	428	939	475	590
Nursery and greenhouse products	forms	177	107	41	11	4	4
	$1,000	14 231	4 057	3 158	5 489	37	22
Sales of $40,000 or more	forms	40	21	11	3	–	–
	$1,000	12 873	3 230	2 832	5 400	–	–
Other crops	forms	381	9	58	24	45	33
	$1,000	10 445	7	165	171	397	375
Sales of $40,000 or more	forms	48	–	–	–	–	1
	$1,000	7 143	–	–	–	–	(D)
Poultry and poultry products	forms	467	131	118	40	39	27
	$1,000	53 874	1 830	16 276	5 989	5 649	4 309
Sales of $40,000 or more	forms	115	14	25	6	15	11
	$1,000	53 475	1 706	16 184	5 906	5 646	4 306
Dairy products	forms	1 312	105	152	59	101	158
	$1,000	89 443	2 791	4 535	3 127	5 182	10 056
Sales of $40,000 or more	forms	728	25	28	22	43	98
	$1,000	80 495	2 236	3 597	2 504	3 880	8 776
Cattle and calves	forms	8 097	662	1 618	494	626	628
	$1,000	165 919	2 786	6 188	12 929	11 666	9 978
Sales of $40,000 or more	forms	707	11	9	14	19	17
	$1,000	110 260	1 044	958	10 530	8 088	5 578
Hogs and pigs	forms	1 110	224	284	70	82	75
	$1,000	4 879	849	1 392	196	230	208
Sales of $40,000 or more	forms	27	4	11	1	–	1
	$1,000	2 185	401	854	(D)	–	(D)
Sheep, lambs, and wool	forms	2 164	228	510	125	135	132
	$1,000	30 775	390	954	319	567	622
Sales of $40,000 or more	forms	191	1	3	1	2	4
	$1,000	23 218	(D)	212	(D)	(D)	195
Other livestock and livestock products (see text)	forms	1 508	449	413	85	85	63
	$1,000	14 835	6 691	3 737	808	581	1 280
Sales of $40,000 or more	forms	105	55	26	3	6	5
	$1,000	10 461	4 379	2 664	628	454	1 210
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	forms	5 841	920	1 351	316	353	335
	$1,000	74 355	2 748	5 255	8 066	5 491	3 439
Forms with expenses of—							
$1 to $4,999		4 385	829	1 236	265	254	263
$5,000 to $19,999		837	64	91	37	73	39
$20,000 to $49,999		374	18	17	7	18	21
$50,000 or more		245	9	7	7	8	12
Feed for livestock and poultry	forms	8 956	1 327	1 996	535	551	559
	$1,000	101 111	6 588	13 544	7 969	7 542	8 235
Forms with expenses of—							
$1 to $4,999		6 765	1 122	1 815	462	431	444
$5,000 to $19,999		1 256	111	91	48	63	34
$20,000 to $49,999		560	61	53	11	29	56
$50,000 or more		375	33	37	14	28	25
Commercially mixed formula feeds	forms	3 308	511	673	242	164	184
	tons	392 147	17 068	66 847	45 480	30 774	31 435
	$1,000	55 673	2 224	9 932	5 737	4 410	4 665
Forms by tons purchased:							
1 to 99 tons		2 708	478	614	201	118	132
100 to 499 tons		450	24	31	33	30	37
500 tons or more		150	9	28	8	16	15
Forms with expenses of—							
$1 to $4,999		2 268	431	560	189	92	110
$5,000 to $19,999		628	62	60	38	46	39
$20,000 to $49,999		218	6	27	6	6	18
$50,000 or more		194	12	26	9	20	17

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
VALUE OF PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain ... farms	255	182	135	474	352	256	254
$1,000	1 328	872	790	3 047	3 913	3 937	9 745
Sales of $40,000 or more ... farms	1	–	–	3	13	23	76
$1,000	(D)	–	–	(D)	772	1 298	7 646
Commodity Credit Corporation loans ... farms	21	12	21	44	43	50	49
$1,000	31	17	47	90	190	302	720
Cotton and cottonseed ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	256	149	141	438	243	159	102
$1,000	1 842	1 414	1 468	6 097	6 387	4 923	2 951
Sales of $40,000 or more ... farms	–	4	4	38	48	31	17
$1,000	–	171	265	2 276	4 375	3 441	2 275
Vegetables, sweet corn, and melons ... farms	40	14	16	35	17	4	8
$1,000	683	475	300	1 115	735	64	79
Sales of $40,000 or more ... farms	6	3	3	8	2	–	–
$1,000	387	367	166	881	(D)	–	–
Fruits, nuts, and berries ... farms	9	10	3	22	8	4	3
$1,000	67	453	440	1 683	192	611	518
Sales of $40,000 or more ... farms	–	2	2	4	2	3	1
$1,000	–	(D)	(D)	1 627	(D)	610	(D)
Nursery and greenhouse products ... farms	1	1	3	4	–	1	–
$1,000	(D)	(D)	20	923	–	(D)	–
Sales of $40,000 or more ... farms	1	1	–	3	–	–	–
$1,000	(D)	(D)	–	(D)	–	–	–
Other crops ... farms	38	27	26	56	35	13	17
$1,000	562	453	671	1 208	2 248	1 104	3 082
Sales of $40,000 or more ... farms	2	2	5	9	17	6	6
$1,000	(D)	(D)	275	599	2 013	1 037	2 917
Poultry and poultry products ... farms	22	13	6	33	12	17	9
$1,000	4 611	1 179	1 182	8 663	1 922	1 563	700
Sales of $40,000 or more ... farms	9	4	2	16	4	5	4
$1,000	4 608	1 165	(D)	8 650	1 881	1 545	(D)
Dairy products ... farms	147	87	98	223	116	39	27
$1,000	8 611	5 369	9 376	19 877	13 335	4 321	2 862
Sales of $40,000 or more ... farms	92	59	69	161	86	27	18
$1,000	7 612	4 646	8 882	18 769	12 750	4 082	2 762
Cattle and calves ... farms	541	370	307	1 064	737	471	579
$1,000	4 948	5 952	4 346	21 828	21 067	18 810	45 421
Sales of $40,000 or more ... farms	16	30	18	112	111	109	241
$1,000	1 074	2 980	1 699	11 596	13 272	13 784	39 658
Hogs and pigs ... farms	73	42	35	111	49	39	26
$1,000	152	213	476	431	384	177	170
Sales of $40,000 or more ... farms	–	1	3	2	3	–	1
$1,000	–	(D)	305	(D)	229	–	(D)
Sheep, lambs, and wool ... farms	133	81	43	236	153	132	256
$1,000	868	320	363	1 889	2 164	2 273	20 045
Sales of $40,000 or more ... farms	4	–	4	9	10	12	141
$1,000	298	–	210	701	1 103	1 342	18 849
Other livestock and livestock products (see text) ... farms	78	26	14	93	58	52	92
$1,000	240	45	5	311	502	132	502
Sales of $40,000 or more ... farms	2	–	–	3	3	1	1
$1,000	(D)	–	–	207	404	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ... farms	367	207	162	671	413	314	432
$1,000	2 095	2 112	1 543	10 727	8 128	6 878	17 872
Farms with expenses of—							
$1 to $4,999	282	125	125	419	223	190	174
$5,000 to $19,999	65	56	22	130	96	44	120
$20,000 to $49,999	11	21	8	76	63	52	62
$50,000 or more	9	5	7	46	31	28	76
Feed for livestock and poultry ... farms	546	327	294	970	740	489	622
$1,000	5 843	2 833	4 861	15 424	9 303	6 296	12 671
Farms with expenses of—							
$1 to $4,999	405	212	193	613	458	331	279
$5,000 to $19,999	80	88	54	193	207	97	190
$20,000 to $49,999	43	19	26	94	43	37	88
$50,000 or more	18	8	21	70	32	24	65
Commercially mixed formula feeds ... farms	276	137	150	397	260	132	182
tons	29 247	14 338	22 759	70 133	23 549	17 937	22 579
$1,000	4 390	1 589	3 043	10 331	3 701	2 760	2 891
Farms by tons purchased:							
1 to 99 tons	230	89	110	278	219	102	137
100 to 499 tons	38	45	36	90	30	20	36
500 tons or more	8	3	4	29	11	10	9
Farms with expenses of—							
$1 to $4,999	163	73	89	211	176	66	108
$5,000 to $19,999	83	52	31	84	48	44	41
$20,000 to $49,999	19	8	23	54	19	11	21
$50,000 or more	11	4	7	48	17	11	12

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs	forms	8 393	1 063	1 776	519	554	557
	$1,000	3 663	295	326	167	159	239
Forms with expenses of—							
$1 to $499		6 694	911	1 651	460	495	455
$500 to $999		851	93	73	42	31	41
$1,000 to $2,999		648	42	41	14	22	53
$3,000 or more		200	17	11	3	6	8
Seeds, bulbs, plants, and trees	forms	6 333	431	1 416	423	509	414
	$1,000	7 071	668	724	309	245	270
Forms with expenses of—							
$1 to $999		4 837	386	1 370	384	439	337
$1,000 to $4,999		1 315	23	41	36	69	74
$5,000 to $9,999		117	7	2	–	–	3
$10,000 or more		64	15	3	3	1	–
Commercial fertilizer	forms	6 584	463	1 586	481	552	467
	$1,000	11 753	119	587	422	448	547
Forms with expenses of—							
$1 to $2,499		5 449	456	1 582	461	498	398
$2,500 to $9,999		963	6	3	19	54	69
$10,000 to $19,999		112	1	1	–	–	–
$20,000 or more		60	–	–	1	–	–
Other agricultural chemicals including lime	forms	6 538	612	1 563	426	471	421
	$1,000	4 581	66	292	127	165	189
Forms with expenses of—							
$1 to $2,499		6 149	611	1 559	418	464	406
$2,500 to $9,999		334	–	2	7	7	14
$10,000 to $19,999		39	1	1	1	–	1
$20,000 or more		16	–	1	–	–	–
Energy and petroleum products	forms	13 587	1 857	3 565	946	976	809
	$1,000	31 412	1 664	2 511	1 492	1 258	1 245
Forms with expenses of—							
$1 to $2,499		10 412	1 709	3 443	844	858	680
$2,500 to $9,999		2 652	130	111	95	112	121
$10,000 to $19,999		346	7	5	2	2	4
$20,000 or more		177	11	6	5	4	4
Petroleum products	forms	13 568	1 851	3 556	946	976	805
	$1,000	22 432	1 280	1 922	966	964	936
Gasoline	forms	13 088	1 811	3 353	910	932	772
	$1,000	12 860	700	1 113	466	601	574
Diesel fuel	forms	7 654	442	1 352	541	564	538
	$1,000	6 022	95	283	333	205	225
LP gas, butane, and propane	forms	1 648	132	279	86	86	78
	$1,000	923	63	82	47	35	35
Fuel oil	forms	931	97	187	78	53	44
	$1,000	339	58	28	21	15	11
Natural gas	forms	622	99	129	47	77	35
	$1,000	724	263	252	37	27	15
Kerosene, motor oil, and grease	forms	13 558	1 851	3 551	946	973	805
	$1,000	1 564	101	165	63	81	76
Electricity	forms	7 426	797	1 492	440	547	464
	$1,000	8 675	367	562	445	278	294
Other—coal, wood, coke, etc.	forms	984	120	150	68	53	68
	$1,000	305	16	27	81	16	15
Hired farm labor	forms	6 379	610	1 273	413	413	384
	$1,000	34 067	2 127	3 398	2 686	1 427	1 373
Forms with expenses of—							
$1 to $4,999		5 037	516	1 197	383	363	331
$5,000 to $19,999		956	72	52	14	39	40
$20,000 to $49,999		291	18	13	10	5	10
$50,000 or more		95	4	11	6	6	3
Workers by number of days worked:							
150 days or more	forms	2 151	152	190	61	102	111
	workers	5 488	356	517	286	259	241
Less than 150 days	forms	5 612	564	1 187	399	369	348
	workers	23 845	2 321	5 289	1 834	1 300	1 350
Contract labor	forms	1 325	174	316	79	61	67
	$1,000	3 031	244	418	123	232	104
Forms with expenses of—							
$1 to $2,499		1 047	142	287	67	46	57
$2,500 to $9,999		231	30	27	12	13	8
$10,000 to $19,999		33	2	–	–	1	2
$20,000 or more		14	–	2	–	1	–
Customwork, machine hire, and rental of machinery and equipment	forms	6 727	507	1 949	550	500	451
	$1,000	6 217	249	836	322	385	396
Forms with expenses of—							
$1 to $2,499		6 168	493	1 928	537	468	409
$2,500 to $9,999		511	14	21	13	31	42
$10,000 to $19,999		38	–	–	–	1	–
$20,000 or more		10	–	–	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	forms	1 181	58	197	69	91	102
	$1,000	2 595	145	285	81	135	170
Value of agricultural products sold directly to individuals for human consumption	forms	1 263	358	390	65	74	55
	$1,000	3 488	542	641	274	199	156

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 EXPENSES[1]—Con.							
Animal health costs ... farms	553	342	290	943	706	490	600
$1,000	256	118	232	580	419	318	553
Forms with expenses of—							
$1 to $499	429	250	188	674	496	362	323
$500 to $999	60	70	50	124	97	57	113
$1,000 to $2,999	47	20	41	97	82	57	132
$3,000 or more	17	2	11	48	31	14	32
Seeds, bulbs, plants, and trees ... farms	464	352	252	770	553	380	369
$1,000	489	474	268	1 008	992	594	1 031
Forms with expenses of—							
$1 to $999	330	230	165	453	310	246	187
$1,000 to $4,999	124	111	75	294	204	114	150
$5,000 to $9,999	7	10	10	14	29	16	19
$10,000 or more	3	1	2	9	10	4	13
Commercial fertilizer ... farms	456	291	223	809	555	330	371
$1,000	591	544	574	1 874	2 132	1 271	2 643
Forms with expenses of—							
$1 to $2,499	393	217	142	559	332	208	203
$2,500 to $9,999	62	73	73	222	178	91	113
$10,000 to $19,999	–	1	8	26	32	16	27
$20,000 or more	1	–	–	2	13	15	28
Other agricultural chemicals including lime ... farms	425	300	230	750	550	357	433
$1,000	255	234	193	610	736	503	1 211
Forms with expenses of—							
$1 to $2,499	407	284	200	701	468	301	330
$2,500 to $9,999	17	16	29	45	73	53	71
$10,000 to $19,999	–	–	1	4	6	2	22
$20,000 or more	1	–	–	–	3	1	10
Energy and petroleum products ... farms	810	521	423	1 342	974	615	749
$1,000	1 628	1 298	1 190	4 494	4 398	3 644	6 590
Forms with expenses of—							
$1 to $2,499	561	347	288	774	431	254	223
$2,500 to $9,999	241	158	117	476	451	284	356
$10,000 to $19,999	6	15	17	77	58	45	108
$20,000 or more	2	1	1	15	34	32	62
Petroleum products ... farms	810	521	423	1 342	974	615	749
$1,000	1 262	1 016	880	3 186	3 156	2 302	4 561
Gasoline ... farms	777	510	415	1 295	961	613	739
$1,000	756	520	455	1 878	1 788	1 292	2 718
Diesel fuel ... farms	619	387	309	1 033	764	496	609
$1,000	311	393	292	867	977	740	1 301
LP gas, butane, and propane ... farms	147	68	61	240	144	135	192
$1,000	70	17	53	134	136	94	158
Fuel oil ... farms	66	56	33	123	78	31	85
$1,000	16	11	5	27	35	10	102
Natural gas ... farms	37	40	18	58	48	7	27
$1,000	18	17	8	35	20	9	23
Kerosene, motor oil, and grease ... farms	810	521	423	1 342	973	615	748
$1,000	91	59	67	246	200	156	259
Electricity ... farms	500	339	297	927	672	435	516
$1,000	360	271	298	1 281	1 208	1 305	2 008
Other—coal, wood, coke, etc. ... farms	31	63	40	134	129	57	71
$1,000	7	10	12	28	34	37	22
Hired farm labor ... farms	423	305	190	784	602	405	577
$1,000	1 322	1 231	1 318	4 487	3 604	2 979	8 116
Forms with expenses of—							
$1 to $4,999	348	245	127	595	411	260	261
$5,000 to $19,999	68	40	52	135	145	112	187
$20,000 to $49,999	6	19	9	41	39	25	96
$50,000 or more	1	1	2	13	7	8	33
Workers by number of days worked:							
150 days or more ... farms	159	107	90	309	294	198	378
workers	305	214	206	807	636	475	1 186
Less than 150 days ... farms	360	266	158	648	500	351	462
workers	1 396	1 019	877	2 575	2 059	1 842	1 983
Contract labor ... farms	67	69	73	150	89	73	107
$1,000	107	67	322	564	328	156	366
Forms with expenses of—							
$1 to $2,499	57	65	46	106	59	57	58
$2,500 to $9,999	8	4	14	34	24	14	43
$10,000 to $19,999	1	–	12	6	3	1	5
$20,000 or more	1	–	1	4	3	1	1
Customwork, machine hire, and rental of machinery and equipment ... farms	398	266	217	674	527	306	382
$1,000	394	279	234	835	777	571	938
Forms with expenses of—							
$1 to $2,499	363	234	204	601	427	242	262
$2,500 to $9,999	34	32	11	65	84	59	105
$10,000 to $19,999	–	–	2	3	16	2	14
$20,000 or more	1	–	–	5	–	3	1
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services ... farms	93	66	51	191	114	72	77
$1,000	230	149	129	480	319	221	250
Value of agricultural products sold directly to individuals for human consumption ... farms	55	25	37	81	42	39	42
$1,000	257	155	193	437	273	118	243

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ... forms	13 646	1 878	3 586	946	976	809
$1,000	368 631	18 542	40 276	16 061	18 920	17 587
Forms by value group:						
$1 to $4,999	1 931	481	807	129	102	97
$5,000 to $9,999	3 976	950	1 576	278	242	183
$10,000 to $19,999	2 613	255	691	259	273	186
$20,000 to $49,999	3 062	152	430	237	278	260
$50,000 to $99,999	1 271	29	67	30	72	71
$100,000 to $199,999	593	9	13	13	7	11
$200,000 to $499,999	191	2	1	–	2	1
$500,000 or more	9	–	1	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ... forms	8 136	793	1 788	567	590	534
number	12 043	1 130	2 401	829	878	800
Motortrucks, including pickups ... forms	11 865	1 535	2 896	802	844	717
number	22 221	1 938	3 990	1 254	1 455	1 284
Wheel tractors ... forms	11 398	1 172	2 891	835	855	707
number	21 819	1 605	4 015	1 438	1 520	1 356
2 or 3 ... forms	5 217	337	894	409	402	411
number	11 944	704	1 913	891	924	934
4 or more ... forms	949	15	31	36	40	38
number	4 643	81	136	157	183	164
Grain and bean combines, self-propelled only ... forms	1 587	24	83	66	79	70
number	1 733	30	110	67	79	70
Cornpickers, corn heads, and picker-shellers ... forms	249	13	33	11	5	17
number	306	14	50	12	5	17
Corn heads for combines ... forms	169	7	19	6	5	11
number	184	8	21	7	5	11
Other cornpickers and picker-shellers ... forms	90	6	15	5	–	6
number	122	6	29	5	–	6
Cottonpickers ... forms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ... forms	4 887	127	743	297	377	366
number	5 224	132	789	299	387	377
Pickup balers ... forms	6 383	147	1 137	490	516	494
number	7 091	154	1 219	586	527	510
Field forage harvesters, shear bar or flywheel type ... forms	1 721	73	175	71	131	107
number	1 875	74	181	79	132	113
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ... forms	8 692	807	2 143	589	676	541
$1,000	16 334	185	879	549	613	737
Commercial fertilizer ... forms	6 320	388	1 518	466	537	443
acres on which used	502 908	1 310	22 866	14 095	20 540	21 080
Lime ... forms	1	–	1	–	–	–
acres on which used	(D)	–	(D)	–	–	–
tons	(D)	–	(D)	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ... forms	3 831	214	891	229	289	233
acres on which used	267 686	577	11 430	4 903	8 704	9 226
Nematodes in crops ... forms	253	7	26	28	26	22
acres on which used	8 120	55	356	358	496	807
Diseases in crops and orchards ... forms	777	196	268	51	69	32
acres on which used	20 180	508	2 294	1 176	1 147	773
Weeds, grass, or brush in crops and pasture ... forms	3 479	158	725	278	244	224
acres on which used	275 037	385	7 396	5 194	7 323	7 832
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ... forms	221	26	45	10	10	16
acres on which used	13 362	26	254	224	204	147
Insect control on livestock and poultry ... forms	2 918	363	528	157	170	128
Sanitation and rodent and bird control ... forms	1 107	182	213	64	66	40
LIVESTOCK						
Cattle and calves inventory ... forms	8 738	783	1 996	548	639	649
number	797 812	16 033	32 955	22 070	30 773	46 391
Forms with—						
1 to 9	2 101	528	941	166	138	69
10 to 49	3 211	182	964	298	334	286
50 to 99	1 359	43	69	59	118	179
100 to 199	1 152	17	14	17	38	96
200 to 499	657	9	7	5	8	17
500 or more	258	4	1	3	3	2
Cows and heifers that had calved ... forms	7 314	531	1 496	437	520	568
number	389 314	8 270	14 434	7 369	11 402	19 407
Beef cows ... forms	5 844	350	1 192	342	402	408
number	312 443	5 556	9 979	4 602	7 282	10 823
Forms with—						
1 to 9	1 948	270	847	172	169	98
10 to 49	2 320	60	334	160	201	250
50 to 99	780	8	9	9	26	50
100 to 199	453	6	2	1	6	7
200 to 499	272	5	–	–	–	3
500 or more	71	1	–	–	–	–

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
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	810	521	423	1 359	974	615	749
$1,000	24 788	17 619	17 313	56 474	49 566	33 497	57 988
Farms by value group:							
$1 to $4,999	86	32	21	67	51	33	25
$5,000 to $9,999	168	152	57	180	96	63	31
$10,000 to $19,999	132	73	98	263	186	91	106
$20,000 to $49,999	262	144	142	456	297	182	222
$50,000 to $99,999	129	76	61	243	177	144	172
$100,000 to $199,999	20	39	31	128	123	80	119
$200,000 to $499,999	13	5	13	21	43	22	68
$500,000 or more	–	–	–	1	1	–	6
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... farms	559	346	283	969	725	433	549
number	857	526	423	1 444	1 102	705	948
Motortrucks, including pickups ... farms	737	467	394	1 238	912	589	734
number	1 274	874	813	2 839	2 231	1 560	2 709
Wheel tractors ... farms	685	481	381	1 249	902	580	660
number	1 395	1 025	912	2 935	2 210	1 471	1 937
2 or 3 ... farms	329	265	251	702	518	363	336
number	763	619	589	1 691	1 249	866	801
4 or more ... farms	74	51	46	189	145	108	176
number	350	241	239	886	722	496	988
Grain and bean combines, self-propelled only ... farms	122	94	81	281	274	187	226
number	128	107	84	288	292	211	267
Cornpickers, corn heads, and picker-shellers ... farms	25	11	10	41	31	13	39
number	43	11	10	46	36	16	46
Corn heads for combines ... farms	13	6	6	38	22	4	32
number	16	6	6	42	22	5	35
Other cornpickers and picker-shellers ... farms	13	5	4	4	12	10	10
number	27	5	4	4	14	11	11
Cottonpickers ... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... farms	429	274	223	756	569	366	360
number	456	279	227	793	602	464	419
Pickup balers ... farms	549	330	271	975	635	394	445
number	590	357	285	1 112	708	479	564
Field forage harvesters, shear bar or flywheel type ... farms	151	112	104	290	240	131	136
number	156	118	119	332	263	144	164
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... farms	571	386	299	1 007	698	437	538
$1,000	846	778	767	2 485	2 867	1 773	3 854
Commercial fertilizer ... farms	449	289	222	786	540	323	359
acres on which used	25 952	21 209	21 945	76 166	94 393	58 286	125 066
Lime ... farms	–	–	–	–	–	–	–
acres on which used	–	–	–	–	–	–	–
tons	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... farms	260	198	151	502	372	240	252
acres on which used	15 118	12 630	13 534	41 440	51 401	38 632	60 091
Nematodes in crops ... farms	19	47	14	23	12	5	24
acres on which used	780	1 358	621	935	1 087	287	980
Diseases in crops and orchards ... farms	35	21	17	34	22	5	27
acres on which used	1 196	1 407	1 489	2 807	2 648	590	4 145
Weeds, grass, or brush in crops and pasture ... farms	245	178	173	456	338	220	240
acres on which used	9 887	9 355	11 465	33 468	36 437	33 164	113 131
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... farms	9	7	11	43	35	1	8
acres on which used	469	(D)	1 096	2 905	4 091	(D)	3 035
Insect control on livestock and poultry ... farms	219	154	100	345	280	237	237
Sanitation and rodent and bird control ... farms	63	66	30	136	68	93	86
LIVESTOCK							
Cattle and calves inventory ... farms	561	377	320	1 079	741	475	570
number	34 175	29 809	30 043	119 281	109 233	93 494	233 555
Farms with—							
1 to 9	62	26	27	71	37	25	11
10 to 49	241	145	105	343	180	90	43
50 to 99	142	103	92	228	156	93	77
100 to 199	97	77	63	284	204	111	134
200 to 499	19	23	31	133	127	116	162
500 or more	–	3	2	20	37	40	143
Cows and heifers that had calved ... farms	517	329	290	966	680	440	540
number	17 713	14 301	14 482	54 373	52 532	46 839	128 192
Beef cows ... farms	362	248	204	780	605	421	530
number	10 044	9 591	7 057	37 308	41 792	43 083	125 326
Farms with—							
1 to 9	95	41	36	127	54	24	15
10 to 49	210	144	120	385	256	132	68
50 to 99	42	43	40	168	160	107	118
100 to 199	13	19	6	78	94	99	122
200 to 499	2	1	2	20	40	51	148
500 or more	–	–	–	2	1	8	59

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows ... farms	2 626	266	493	151	182	231
number	76 871	2 714	4 455	2 767	4 120	8 584
Farms with—						
1 to 4	1 457	209	408	94	88	72
5 to 9	73	8	14	4	3	5
10 to 49	511	30	49	41	64	91
50 to 99	380	14	14	8	22	48
100 to 199	153	3	5	3	3	13
200 to 499	48	2	2	–	2	1
500 or more	4	–	1	1	–	1
Heifers and heifer calves ... farms	6 571	442	1 275	365	488	530
number	202 810	3 721	9 080	5 836	8 601	12 670
Steers, steer calves, bulls, and bull calves ... farms	7 216	587	1 523	415	533	539
number	205 688	4 042	9 441	8 865	10 770	14 314
Cattle and calves sold ... farms	8 097	662	1 618	494	626	628
number	464 224	8 602	18 617	28 012	27 472	26 355
$1,000	165 919	2 786	6 188	12 929	11 666	9 978
Calves ... farms	4 286	328	688	236	324	331
number	147 426	2 899	6 657	3 328	4 847	6 695
$1,000	35 303	551	1 466	760	1 009	1 488
Cattle ... farms	6 575	471	1 341	410	514	520
number	316 798	5 703	11 960	24 684	22 625	19 660
$1,000	130 616	2 235	4 722	12 168	10 657	8 491
Fattened on grain and concentrates ... farms	1 595	139	401	123	133	109
number	132 396	2 158	3 054	19 157	16 170	10 902
$1,000	62 936	894	1 273	10 082	8 190	5 208
Hogs and pigs inventory ... farms	1 556	320	448	91	99	88
number	46 834	8 600	12 059	1 578	3 298	2 690
Farms with—						
1 to 9	956	190	305	58	59	57
10 to 49	441	101	112	25	26	21
50 to 99	61	11	10	6	9	3
100 to 199	45	12	6	1	1	2
200 to 499	35	4	8	1	1	5
500 or more	18	2	7	–	3	–
Used or to be used for breeding ... farms	856	169	225	51	62	51
number	6 901	1 453	1 585	291	392	460
Other ... farms	1 370	303	384	72	85	82
number	39 933	7 147	10 474	1 287	2 906	2 230
Hogs and pigs sold ... farms	1 110	224	284	70	82	75
number	59 378	10 906	16 389	2 695	3 176	2 660
$1,000	4 879	849	1 392	196	230	208
Feeder pigs sold ... farms	328	78	71	25	28	17
number	12 109	2 752	3 345	918	540	518
$1,000	373	79	112	27	17	18
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ... farms	886	174	234	56	62	54
number	8 726	1 741	2 236	372	364	596
Dec. 1 and May 31 ... farms	735	139	203	48	50	49
number	4 537	894	1 173	198	183	344
June 1 and Nov. 30 ... farms	623	126	149	42	44	41
number	4 189	847	1 063	174	181	252
Sheep and lambs of all ages inventory ... farms	2 199	230	536	129	137	136
number	619 508	8 094	17 798	6 728	10 491	12 929
Ewes 1 year old or older ... farms	2 071	204	493	125	134	128
number	440 349	5 107	9 924	4 449	6 863	8 763
Sheep and lambs sold ... farms	2 079	207	479	124	130	120
number	482 846	5 890	14 467	4 591	7 476	10 006
Sheep and lambs shorn ... farms	2 024	197	468	119	131	125
number	534 781	5 151	11 018	4 883	8 861	10 266
pounds of wool	5 361 098	46 303	106 974	48 277	92 766	96 551
Horses and ponies inventory ... farms	5 941	500	1 404	359	412	415
number	27 079	2 133	5 622	1 319	1 531	1 706
Horses and ponies sold ... farms	1 086	222	312	69	69	55
number	2 875	557	804	205	127	180
$1,000	2 432	574	928	132	80	183
Goats inventory ... farms	123	43	43	7	4	3
number	1 028	348	207	46	13	12
Goats sold ... farms	38	5	24	2	2	2
number	229	43	123	(D)	(D)	(D)
$1,000	11	1	7	(D)	(D)	(D)
POULTRY						
Chickens 3 months old or older inventory ... farms	1 433	301	389	98	91	76
number	2 259 854	78 103	975 671	408 335	271 394	270 625
Farms with—						
1 to 399	1 399	292	377	95	89	73
400 to 3,199	11	5	4	–	–	–
3,200 to 9,999	6	2	1	–	–	2
10,000 to 19,999	2	–	1	1	–	–
20,000 to 49,999	4	2	2	–	–	–
50,000 to 99,999	4	–	1	1	1	–
100,000 or more	7	–	3	1	1	1
Hens and pullets of laying age ... farms	1 406	292	382	98	90	75
number	2 138 087	62 245	905 629	398 213	263 742	270 530
Pullets 3 months old or older not of laying age ... farms	182	68	47	8	9	3
number	121 767	15 858	70 042	10 122	7 652	95

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
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... forms	234	128	138	357	210	114	122
number	7 669	4 710	7 425	17 065	10 740	3 756	2 866
Forms with—							
1 to 4	90	40	48	144	97	74	93
5 to 9	7	4	1	10	4	7	6
10 to 49	63	40	37	57	28	5	6
50 to 99	61	37	29	85	40	14	8
100 to 199	13	7	18	50	26	9	3
200 to 499	–	–	4	11	15	5	6
500 or more	–	–	1	–	–	–	–
Heifers and heifer calves ..... forms	457	307	267	895	630	410	505
number	9 294	8 910	9 277	32 709	28 250	22 163	52 299
Steers, steer calves, bulls, and bull calves ..... forms	467	314	284	942	660	421	531
number	7 168	6 598	6 284	32 199	28 451	24 492	53 064
Cattle and calves sold ..... forms	541	370	307	1 064	737	471	579
number	15 537	16 055	13 167	61 603	60 359	56 911	131 534
$1,000	4 948	5 952	4 346	21 828	21 067	18 810	45 421
Calves ..... forms	297	199	172	594	440	298	379
number	5 869	4 540	4 726	18 474	20 555	19 603	49 233
$1,000	1 300	1 102	891	4 058	4 931	4 828	12 920
Cattle ..... forms	436	309	252	864	597	389	472
number	9 668	11 515	8 441	43 129	39 804	37 308	82 301
$1,000	3 648	4 850	3 455	17 770	16 137	13 982	32 501
Fattened on grain and concentrates ..... forms	81	77	46	196	116	78	96
number	1 626	5 168	2 932	15 833	13 820	14 926	26 650
$1,000	715	2 499	1 267	7 592	6 689	5 927	12 600
Hogs and pigs inventory ..... forms	99	57	53	142	66	53	40
number	1 560	2 525	3 722	3 657	4 100	1 840	1 205
Forms with—							
1 to 9	61	32	28	79	31	31	25
10 to 49	31	17	13	51	22	13	9
50 to 99	4	1	3	4	4	4	2
100 to 199	2	3	4	6	3	2	3
200 to 499	1	2	4	1	4	3	1
500 or more	–	2	1	1	2	–	–
Used or to be used for breeding ..... forms	59	34	28	90	34	29	24
number	341	377	524	660	307	303	208
Other ..... forms	79	50	50	125	63	48	29
number	1 219	2 148	3 198	2 997	3 793	1 537	997
Hogs and pigs sold ..... forms	73	42	35	111	49	39	26
number	2 126	2 570	5 094	5 825	3 978	2 121	1 838
$1,000	152	213	476	431	384	177	170
Feeder pigs sold ..... forms	24	11	8	34	14	10	8
number	607	402	241	1 941	208	402	235
$1,000	19	12	6	58	6	11	9
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... forms	60	35	28	92	36	30	25
number	280	404	732	985	446	289	281
Dec. 1 and May 31 ..... forms	47	24	24	76	30	25	20
number	133	228	370	504	226	140	144
June 1 and Nov. 30 ..... forms	47	28	23	60	25	20	18
number	147	176	362	481	220	149	137
Sheep and lambs of all ages inventory ..... forms	132	83	42	237	151	133	253
number	18 931	8 673	5 917	34 011	34 426	40 260	421 250
Ewes 1 year old or older ..... forms	130	79	37	224	147	127	243
number	12 531	5 258	4 176	22 281	22 628	22 802	315 567
Sheep and lambs sold ..... forms	128	79	42	231	152	131	256
number	12 257	4 883	4 273	32 993	30 972	39 380	315 658
Sheep and lambs shorn ..... forms	129	74	40	222	146	126	247
number	14 054	6 128	5 104	28 207	30 468	39 316	371 325
pounds of wool	132 444	57 437	58 060	284 912	268 915	310 916	3 857 543
Horses and ponies inventory ..... forms	339	211	212	699	508	369	513
number	1 294	907	831	2 786	1 976	1 891	5 083
Horses and ponies sold ..... forms	66	24	8	78	47	48	88
number	127	48	20	204	150	148	305
$1,000	65	45	3	138	62	72	151
Goats inventory ..... forms	4	3	2	7	2	3	2
number	15	15	(D)	40	(D)	13	(D)
Goats sold ..... forms	2	–	–	–	1	–	–
number	(D)	–	–	–	(D)	–	–
$1,000	(D)	–	–	–	(D)	–	–
POULTRY							
Chickens 3 months old or older inventory ..... forms	83	47	36	131	63	64	54
number	77 183	10 515	902	161 248	1 385	3 038	1 455
Forms with—							
1 to 399	82	45	36	130	63	63	54
400 to 3,199	–	1	–	–	–	1	–
3,200 to 9,999	–	1	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	1	–	–	–	–	–	–
100,000 or more	–	–	–	1	–	–	–
Hens and pullets of laying age ..... forms	81	47	36	125	63	63	54
number	62 062	8 577	(D)	160 534	1 351	2 973	(D)
Pullets 3 months old or older not of laying age ..... forms	10	5	1	17	6	4	4
number	15 121	1 938	(D)	714	34	65	(D)

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
POULTRY—Con.						
Chickens 3 months old or older sold ... farms	106	36	22	14	5	4
number	940 231	75 753	316 375	305 204	51 045	86 665
Broilers and other meat-type chickens sold ... farms	35	15	10	2	–	2
number	1 423	497	565	(D)	–	(D)
Farms with—						
1 to 1,999	35	15	10	2	–	2
2,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	76	11	20	4	10	4
number	38 870	32	50	904	11 039	23
Turkeys sold ... farms	103	11	18	5	14	8
number	3 033 050	118 219	424 566	138 700	382 662	210 200
CROPS HARVESTED						
Corn for all purposes ... farms	2 336	43	339	161	232	246
acres	76 376	174	3 142	2 355	3 961	6 364
For grain or seed ... farms	510	13	126	45	58	46
acres	14 482	36	1 078	641	1 135	899
bushels	1 176 010	2 488	83 115	56 853	82 894	78 551
Irrigated ... farms	510	13	126	45	58	46
acres	14 482	36	1 078	641	1 135	899
Farms by acres harvested:						
1 to 24 acres	362	13	121	38	44	33
25 to 99 acres	124	–	5	7	14	13
100 to 499 acres	22	–	–	–	–	–
500 acres or more	2	–	–	–	–	–
Wheat for grain ... farms	2 072	14	264	102	190	155
acres	253 600	61	2 235	1 299	3 455	3 630
bushels	6 651 061	2 258	114 582	61 263	169 739	151 085
Irrigated ... farms	1 296	13	230	82	147	109
acres	36 419	56	1 823	832	2 084	1 751
Farms by acres harvested:						
1 to 24 acres	1 061	14	250	90	139	100
25 to 99 acres	530	–	14	12	51	51
100 to 499 acres	345	–	–	–	–	4
500 acres or more	136	–	–	–	–	–
Oats for grain ... farms	1 213	12	216	72	93	100
acres	14 743	24	1 268	534	818	1 072
bushels	784 187	1 884	75 991	30 257	43 972	54 217
Irrigated ... farms	1 135	12	195	68	90	96
acres	13 340	24	1 092	520	803	1 036
Barley for grain ... farms	4 348	44	876	323	379	412
acres	144 275	146	7 878	4 584	6 568	9 335
bushels	8 970 032	9 858	469 052	300 115	442 326	617 981
Irrigated ... farms	3 974	43	806	304	358	382
acres	123 674	142	7 204	4 241	6 084	8 527
Irish potatoes ... farms	160	8	39	9	14	10
acres	5 789	7	102	58	75	91
hundredweight	1 319 932	1 145	14 205	5 984	14 680	20 177
Irrigated ... farms	160	8	39	9	14	10
acres	5 789	7	102	58	75	91
Farms by acres harvested:						
0.1 to 0.9 acres	42	4	20	–	2	3
1.0 to 4.9 acres	55	4	12	5	7	3
5.0 to 24.9 acres	32	–	7	4	4	3
25.0 to 99.9 acres	22	–	–	–	1	1
100.0 acres or more	9	–	–	–	–	–
Sugar beets for sugar ... farms	252	1	23	16	35	29
acres	13 112	(D)	(D)	343	816	759
tons	239 040	(D)	(D)	6 474	15 830	13 792
Irrigated ... farms	252	1	23	16	35	29
acres	13 112	(D)	(D)	343	816	759
Hay crops (see text) ... farms	9 740	359	2 527	743	857	799
acres	622 418	1 492	33 831	17 044	26 160	33 746
tons, dry	1 749 997	4 948	93 264	51 832	74 568	103 732
Irrigated ... farms	9 019	326	2 362	697	788	731
acres	545 067	1 368	30 652	15 297	23 203	29 714
Farms by acres harvested:						
1 to 24 acres	4 308	359	2 254	425	391	226
25 to 99 acres	3 698	–	273	318	466	537
100 to 499 acres	1 625	–	–	–	–	36
500 acres or more	109	–	–	–	–	–
Alfalfa hay ... farms	8 826	301	2 234	683	786	730
acres	458 135	1 235	27 908	13 813	21 504	27 517
tons, dry	1 462 273	4 448	81 659	44 713	66 518	92 080
Irrigated ... farms	8 238	272	2 109	649	735	679
acres	407 952	1 128	25 458	12 775	19 424	24 610
All vegetables harvested for sale (see text) ... farms	512	83	163	37	54	41
acres	9 310	210	1 057	667	1 268	944
Irrigated ... farms	512	83	163	37	54	41
acres	9 310	210	1 057	667	1 268	944
Farms by acres harvested:						
0.1 to 4.9 acres	225	71	100	11	10	6
5.0 to 24.9 acres	173	12	56	14	22	19
25.0 to 99.9 acres	101	–	7	12	21	16
100.0 acres or more	13	–	–	–	1	–

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
POULTRY—Con.							
Chickens 3 months old or older sold ... farms	5	4	2	9	–	5	–
number	20 120	5 035	(D)	79 516	–	(D)	–
Broilers and other meat-type chickens sold ... farms	1	–	1	3	1	–	–
number	(D)	–	(D)	82	(D)	–	–
Farms with—							
1 to 1,999	1	–	1	3	1	–	–
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	2	3	1	12	2	5	2
number	(D)	9	(D)	24 057	(D)	29	(D)
Turkeys sold ... farms	9	4	3	15	4	7	5
number	339 882	139 820	127 927	672 552	261 259	147 804	69 459
CROPS HARVESTED							
Corn for all purposes ... farms	186	153	124	367	215	133	137
acres	5 290	4 876	5 105	15 197	11 845	8 219	9 848
For grain or seed ... farms	40	20	22	59	37	24	20
acres	835	372	779	2 216	2 384	2 293	1 814
bushels	77 631	34 415	69 325	177 329	206 459	152 319	154 631
Irrigated ... farms	40	20	22	59	37	24	20
acres	835	372	779	2 216	2 384	2 293	1 814
Farms by acres harvested:							
1 to 24 acres	30	12	11	27	17	9	7
25 to 99 acres	10	8	10	27	12	11	7
100 to 499 acres	–	–	1	5	8	3	5
500 acres or more	–	–	–	–	–	1	1
Wheat for grain ... farms	155	118	84	321	240	207	222
acres	4 775	3 356	3 055	16 317	31 674	50 311	133 432
bushels	220 435	128 350	116 397	501 725	843 008	1 169 960	3 172 259
Irrigated ... farms	110	80	59	189	128	77	72
acres	2 650	1 361	1 377	4 438	6 616	5 290	8 141
Farms by acres harvested:							
1 to 24 acres	81	68	44	150	56	41	28
25 to 99 acres	68	48	33	118	67	34	34
100 to 499 acres	6	2	7	53	115	99	59
500 acres or more	–	–	–	–	2	33	101
Oats for grain ... farms	99	56	47	173	145	76	124
acres	872	587	519	2 189	2 357	2 050	2 453
bushels	51 317	29 090	31 147	110 908	124 932	106 041	124 431
Irrigated ... farms	95	52	45	166	139	68	109
acres	777	506	509	1 949	2 284	1 699	2 141
Barley for grain ... farms	360	245	188	623	408	229	261
acres	9 637	7 468	6 893	26 918	23 624	15 002	26 222
bushels	632 870	447 670	481 498	1 705 980	1 481 639	809 305	1 571 738
Irrigated ... farms	334	213	177	563	365	200	229
acres	8 524	6 587	6 261	23 317	20 537	12 296	19 954
Irish potatoes ... farms	11	5	8	23	17	8	8
acres	174	50	375	376	1 072	734	2 676
hundredweight	34 477	12 610	73 840	70 466	239 192	166 772	666 384
Irrigated ... farms	11	5	8	23	17	8	8
acres	174	50	375	376	1 072	734	2 676
Farms by acres harvested:							
0.1 to 0.9 acres	2	1	–	4	3	1	2
1.0 to 4.9 acres	2	1	2	10	3	4	2
5.0 to 24.9 acres	3	2	1	2	5	1	–
25.0 to 99.9 acres	4	1	5	7	2	1	–
100.0 acres or more	–	–	–	–	4	1	4
Sugar beets for sugar ... farms	27	26	19	36	22	9	9
acres	877	987	860	2 088	3 502	1 247	1 376
tons	17 353	16 767	16 500	37 448	67 544	21 467	22 011
Irrigated ... farms	27	26	19	36	22	9	9
acres	877	987	860	2 088	3 502	1 247	1 376
Hay crops (see text) ... farms	670	431	355	1 190	771	487	551
acres	35 958	26 708	25 358	106 696	99 367	82 343	133 715
tons, dry	108 072	81 983	77 979	316 041	289 778	216 060	331 740
Irrigated ... farms	626	394	341	1 096	710	451	497
acres	32 130	23 547	22 243	93 445	87 986	72 106	113 376
Farms by acres harvested:							
1 to 24 acres	145	78	48	181	96	50	55
25 to 99 acres	440	269	215	560	288	162	170
100 to 499 acres	85	84	92	449	371	240	268
500 acres or more	–	–	–	–	16	35	58
Alfalfa hay ... farms	620	397	333	1 096	690	448	508
acres	28 758	22 244	20 438	83 126	73 123	57 612	80 857
tons, dry	94 649	73 786	67 461	273 955	240 613	173 338	249 053
Irrigated ... farms	579	364	317	1 011	641	416	466
acres	26 234	19 935	17 961	73 240	64 432	50 571	72 184
All vegetables harvested for sale (see text) ... farms	40	14	16	35	17	4	8
acres	1 261	713	707	1 304	801	146	234
Irrigated ... farms	40	14	16	35	17	4	8
acres	1 261	713	707	1 304	801	146	234
Farms by acres harvested:							
0.1 to 4.9 acres	10	3	1	9	3	1	–
5.0 to 24.9 acres	16	4	6	13	4	1	6
25.0 to 99.9 acres	11	4	8	10	9	2	1
100.0 acres or more	3	3	1	3	1	–	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED—Con.							
Land in orchards	farms	1 061	385	400	64	68	29
	acres	11 340	1 179	3 224	1 055	893	755
Irrigated	farms	1 002	370	372	61	64	28
	acres	10 842	1 129	2 965	1 031	855	754
Farms by acres in orchards:							
0.1 to 4.9 acres		639	306	191	29	41	9
5.0 to 24.9 acres		340	79	187	18	14	10
25.0 to 99.9 acres		67	–	22	17	13	9
100.0 acres or more		15	–	–	–	–	1
Apples	farms	646	213	245	44	38	22
	total acres	3 535	284	1 025	388	333	348
	pounds	24 031 838	1 348 785	5 098 464	3 776 933	3 565 236	3 033 078

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
CROPS HARVESTED—Con.							
Land in orchards ..... farms	21	13	13	30	17	11	10
acres	311	395	458	1 263	446	1 035	327
Irrigated ..... farms	21	13	12	26	16	9	10
acres	311	395	458	1 249	336	1 032	327
Farms by acres in orchards:							
0.1 to 4.9 acres	11	9	7	11	10	7	8
5.0 to 24.9 acres	7	2	4	15	2	1	1
25.0 to 99.9 acres	2	–	–	–	4	–	–
100.0 acres or more	1	2	2	4	1	3	1
Apples ..... farms	14	9	11	21	11	10	8
total acres	101	111	260	310	99	71	204
pounds	276 370	221 200	2 348 212	2 951 700	160 240	271 400	980 220

[1]1978 data are based on a sample of farms; see text.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
FARMS AND LAND IN FARMS							
Farms ..... number	13 833	3 840	87	280	594	1 442	1 437
..... percent	100.0	27.7	0.6	2.0	4.2	10.4	10.3
Land in farms ..... acres	10 517 668	7 034 795	666 961	1 612 240	1 585 952	2 010 848	1 158 794
Average size of farm ..... acres	760	1 832	7 666	5 758	2 670	1 394	806
Value of land and buildings[1] ..... farms	13 833	3 883	87	280	593	1 469	1 454
..... $1,000	4 201 958	2 367 083	109 403	464 305	468 907	786 607	537 861
Average per farm ..... dollars	303 763	609 601	1 257 510	1 658 230	790 736	535 471	369 918
Average per acre ..... dollars	399	336	164	287	293	392	470
Farms by value of land and buildings:							
$1 to $19,999	755	89	–	4	7	54	24
$20,000 to $39,999	1 143	95	1	8	6	46	34
$40,000 to $69,999	2 018	153	3	11	19	56	64
$70,000 to $99,999	1 570	234	5	7	20	71	131
$100,000 to $149,999	1 881	349	4	18	29	114	184
$150,000 to $199,999	1 324	276	2	8	36	93	137
$200,000 to $499,999	3 345	1 416	20	58	172	543	623
$500,000 to $999,999	1 102	727	21	60	179	312	155
$1,000,000 or more	695	544	31	106	125	180	102
Owned and rented land by operator:							
Land owned ..... farms	13 069	3 660	81	270	570	1 381	1 358
..... acres	7 858 445	4 921 833	598 653	982 528	1 169 070	1 375 698	795 884
Land rented or leased from others ..... farms	4 952	2 076	44	182	365	793	692
..... acres	2 985 239	2 228 282	71 360	640 298	436 721	674 993	404 910
Land rented or leased to others ..... farms	1 072	243	10	20	41	76	96
..... acres	326 016	115 320	3 052	10 586	19 839	39 843	42 000
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	12 671	3 524	63	247	546	1 320	1 348
..... acres	2 034 492	1 298 861	69 685	176 607	258 753	444 917	348 899
Harvested cropland ..... farms	11 663	3 397	57	235	531	1 276	1 298
..... acres	1 174 703	824 848	52 959	110 507	176 282	277 205	207 895
Farms by acres harvested:							
1 to 49 acres	6 598	504	7	18	54	180	245
50 to 99 acres	2 027	630	2	21	62	235	310
100 to 199 acres	1 575	1 022	6	42	135	409	430
200 to 499 acres	1 090	882	12	84	187	343	256
500 to 999 acres	249	236	15	46	54	74	47
1,000 to 1,999 acres	103	103	7	17	34	35	10
2,000 acres or more	21	20	8	7	5	–	–
Cropland:							
Pasture or grazing only ..... farms	6 129	1 578	24	103	243	609	599
..... acres	490 703	238 898	6 660	38 857	34 637	82 117	76 627
Cover crops, legumes, and soil-improvement grasses not harvested or pastured ..... farms	513	174	6	15	21	67	65
..... acres	22 432	10 462	108	1 022	1 016	4 539	3 777
On which all crops failed ..... farms	677	216	–	11	28	81	96
..... acres	25 321	13 131	–	1 059	1 754	5 125	5 193
In cultivated summer fallow ..... farms	1 419	549	10	35	77	205	222
..... acres	225 226	166 803	7 100	20 174	35 165	62 969	41 395
Idle ..... farms	1 857	589	15	45	88	215	226
..... acres	96 107	44 719	2 858	4 988	9 899	12 962	14 012
Total woodland ..... farms	508	160	7	11	15	68	59
..... acres	681 575	150 473	3 476	47 598	24 214	44 015	31 170
Woodland pastured ..... farms	312	113	4	8	11	50	40
..... acres	604 107	119 270	2 287	46 019	17 623	34 114	19 227
Woodland not pastured ..... farms	239	64	4	3	5	24	28
..... acres	77 468	31 203	1 189	1 579	6 591	9 901	11 943
Pastureland and rangeland other than cropland and woodland pastured ..... farms	4 576	1 749	37	139	270	674	629
..... acres	7 556 768	5 460 558	586 960	1 371 136	1 289 551	1 469 333	743 578
Land in house lots, ponds, roads, wasteland, etc. ..... farms	7 298	2 026	55	150	326	745	750
..... acres	244 833	124 903	6 840	16 899	13 434	52 583	35 147
Pastureland, all types ..... farms	9 256	2 741	51	200	431	1 064	995
..... acres	8 651 578	5 818 726	595 907	1 456 012	1 341 811	1 585 564	839 432
Irrigated land ..... farms	11 655	3 278	63	228	525	1 239	1 223
..... acres	1 185 315	772 976	50 114	110 880	150 705	267 474	193 803
Harvested cropland irrigated ..... farms	10 744	3 163	57	222	510	1 193	1 181
..... acres	849 731	583 389	42 753	87 514	124 691	191 550	136 881
Pastureland irrigated ..... farms	5 072	1 368	27	88	204	547	502
..... acres	317 005	180 694	(D)	(D)	24 647	73 370	53 682
Other land irrigated ..... farms	742	212	2	15	35	70	90
..... acres	18 579	8 893	(D)	(D)	1 367	2 554	3 240
Land set aside in the federal farm programs in 1978 ..... farms	1 354	652	6	46	102	237	261
..... acres	49 907	35 193	730	5 640	7 609	11 237	9 977
RACE AND TENURE OF OPERATOR							
All operators ..... number	13 833	3 840	87	280	594	1 442	1 437
Full owners ..... number	8 915	1 777	43	98	230	658	748
Part owners ..... number	4 130	1 876	38	172	338	721	607
Tenants ..... number	788	187	6	10	26	63	82
White ..... number	13 692	3 767	87	277	586	1 408	1 409
Full owners ..... number	8 849	1 758	43	97	229	649	740
Part owners ..... number	4 072	1 830	38	171	331	701	589
Tenants ..... number	771	179	6	9	26	58	80
Black and other races ..... number	141	73	–	3	8	34	28
Full owners ..... number	66	19	–	1	1	9	8
Part owners ..... number	58	46	–	1	7	20	18
Tenants ..... number	17	8	–	1	–	5	2

See footnote at end of table.

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

		Farms with sales of less than $20,000					Abnormal farms (see text)
		Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
FARMS AND LAND IN FARMS							
Farms	number	9 856	1 779	2 003	2 126	3 948	137
	percent	71.2	12.8	14.4	15.3	28.5	0.9
Land in farms	acres	1 948 418	807 197	510 475	327 053	303 693	1 534 455
Average size of farm	acres	198	454	255	154	77	11 200
Value of land and buildings[1]	farms	9 813	1 807	2 022	2 167	3 817	137
	$1,000	1 587 686	460 443	400 967	305 789	420 488	247 188
Average per farm	dollars	161 794	254 810	198 301	141 111	110 161	1 804 292
Average per acre	dollars	815	545	756	1 032	1 512	161
Farms by value of land and buildings:							
$1 to $19,999		652	36	94	137	385	14
$20,000 to $39,999		1 038	85	170	251	532	10
$40,000 to $69,999		1 852	176	273	492	911	13
$70,000 to $99,999		1 328	203	236	275	614	8
$100,000 to $149,999		1 528	290	272	366	600	4
$150,000 to $199,999		1 042	293	284	200	265	6
$200,000 to $499,999		1 898	560	525	369	444	31
$500,000 to $999,999		354	109	148	56	41	21
$1,000,000 or more		121	55	20	21	25	30
Owned and rented land by operator:							
Land owned	forms	9 289	1 673	1 889	2 000	3 727	120
	acres	1 585 982	571 921	392 256	317 609	304 196	1 350 630
Land rented or leased from others	forms	2 825	755	675	579	816	51
	acres	524 315	257 937	153 188	57 090	56 100	232 642
Land rented or leased to others	farms	821	146	171	169	335	8
	acres	161 879	22 661	34 969	47 646	56 603	48 817
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	9 064	1 692	1 884	1 949	3 539	83
	acres	706 679	276 276	177 167	126 442	126 794	28 952
Harvested cropland	farms	8 187	1 615	1 741	1 776	3 055	79
	acres	332 795	143 120	88 885	54 348	46 442	17 060
Farms by acres harvested:							
1 to 49 acres		6 068	576	1 055	1 477	2 960	26
50 to 99 acres		1 384	559	495	249	81	13
100 to 199 acres		542	331	156	42	13	11
200 to 499 acres		185	141	35	8	1	23
500 to 999 acres		8	8	–	–	–	5
1,000 to 1,999 acres		–	–	–	–	–	–
2,000 acres or more		–	–	–	–	–	1
Cropland:							
Pasture or grazing only	farms	4 525	790	953	1 024	1 758	26
	acres	241 036	71 350	61 864	50 372	57 450	10 769
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	335	77	68	93	97	4
	acres	11 802	3 236	3 104	2 453	3 009	168
On which all crops failed	farms	456	104	77	94	181	5
	acres	11 987	3 953	2 302	2 411	3 321	203
In cultivated summer fallow	farms	861	241	224	171	225	9
	acres	57 974	32 251	11 714	9 404	4 605	449
Idle	farms	1 262	286	265	259	452	6
	acres	51 085	22 366	9 298	7 454	11 967	303
Total woodland	farms	345	71	80	74	120	3
	acres	65 050	18 923	22 776	7 976	15 375	466 052
Woodland pastured	farms	196	43	56	40	57	3
	acres	(D)	13 949	19 942	(D)	10 260	(D)
Woodland not pastured	farms	174	33	31	42	68	1
	acres	(D)	4 974	2 834	(D)	5 115	(D)
Pastureland and rangeland other than cropland and woodland pastured	farms	2 749	709	657	588	795	78
	acres	(D)	478 391	288 103	(D)	139 096	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms	5 212	947	958	1 110	2 197	60
	acres	98 823	33 607	22 429	20 359	22 428	21 107
Pastureland, all types	farms	6 423	1 257	1 372	1 418	2 376	92
	acres	1 367 463	563 690	369 909	227 058	206 806	1 465 389
Irrigated land	farms	8 300	1 563	1 718	1 796	3 223	77
	acres	385 935	153 702	99 224	69 410	63 599	26 404
Harvested cropland irrigated	farms	7 506	1 487	1 582	1 626	2 811	75
	acres	250 326	103 228	66 153	42 333	38 612	16 016
Pastureland irrigated	farms	3 676	697	763	797	1 419	28
	acres	126 312	47 855	31 784	24 876	21 797	9 999
Other land irrigated	farms	522	111	90	117	204	8
	acres	9 297	2 619	1 287	2 201	3 190	389
Land set aside in the federal farm programs in 1978	farms	700	252	212	133	103	2
	acres	(D)	7 741	2 844	2 448	(D)	(D)
RACE AND TENURE OF OPERATOR							
All operators	number	9 856	1 779	2 003	2 126	3 948	137
Full owners	number	7 051	1 029	1 333	1 548	3 141	87
Part owners	number	2 221	638	553	450	580	33
Tenants	number	584	112	117	128	227	17
White	number	9 792	1 761	1 993	2 116	3 922	133
Full owners	number	7 008	1 019	1 329	1 542	3 118	83
Part owners	number	2 209	632	551	447	579	33
Tenants	number	575	110	113	127	225	17
Black and other races	number	64	18	10	10	26	4
Full owners	number	43	10	4	6	23	4
Part owners	number	12	6	2	3	1	–
Tenants	number	9	2	4	1	2	–

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
FARMS BY TYPE OF ORGANIZATION							
Individual or family ... farms	11 633	2 780	20	129	374	1 060	1 197
acres	4 956 822	3 399 569	88 642	599 374	659 452	1 191 879	860 222
Partnership ... farms	1 423	633	17	78	137	241	160
acres	2 043 247	1 761 653	92 473	473 070	535 474	480 011	180 625
Corporations:							
Family held ... farms	441	327	37	71	64	99	56
acres	1 800 201	1 724 726	460 982	(D)	382 538	248 090	(D)
More than 10 stockholders ... farms	20	15	1	2	3	5	4
10 or less stockholders ... farms	421	312	36	69	61	94	52
Other than family held ... farms	38	33	10	–	5	14	4
acres	80 129	70 235	24 464	–	2 683	41 298	1 790
More than 10 stockholders ... farms	6	5	2	–	–	3	–
10 or less stockholders ... farms	32	28	8	–	5	11	4
Other—cooperative, estate or trust, etc. ... farms	298	67	3	2	14	28	20
acres	1 637 269	78 612	400	(D)	5 805	49 570	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	8 898	2 643	43	192	438	1 023	947
Not on farm operated	3 631	861	40	71	108	289	353
Operators by age group:							
Under 25 years	267	67	–	1	9	26	31
25 to 34 years	1 408	432	7	25	67	166	167
35 to 44 years	2 763	747	28	67	116	261	275
45 to 54 years	3 661	1 110	23	85	204	415	383
55 to 64 years	3 219	1 012	21	67	140	407	377
65 years and over	2 515	472	8	35	58	167	204
Average age	51.2	50.1	49.4	50.4	49.3	50.2	50.4
Operators by sex:							
Male	13 458	3 783	86	275	587	1 424	1 411
Female	375	57	1	5	7	18	26
Operators of Spanish origin	51	15	–	–	2	8	5
Operators by principal occupation:							
Farming	6 202	3 094	73	255	543	1 236	987
Other	7 631	746	14	25	51	206	450
Operators reporting days of work off farm:							
None	4 444	2 228	68	210	437	908	605
1 to 99 days	1 282	459	2	29	53	177	198
100 to 199 days	1 486	354	5	13	35	111	190
200 days or more	6 092	598	6	20	39	166	367
FARMS BY SIZE							
1 to 9 acres	1 847	224	1	7	39	87	90
10 to 49 acres	3 585	225	7	20	26	75	97
50 to 69 acres	912	114	8	5	15	39	47
70 to 99 acres	1 047	200	6	13	19	83	79
100 to 139 acres	967	284	4	13	38	108	121
140 to 179 acres	793	275	4	8	30	115	118
180 to 219 acres	506	202	3	5	24	94	76
220 to 259 acres	424	196	3	11	34	77	71
260 to 499 acres	1 401	661	10	52	108	226	265
500 to 999 acres	946	489	8	48	79	164	190
1,000 to 1,999 acres	607	374	8	24	53	144	145
2,000 acres or more	798	596	25	74	129	230	138
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	1 138	238	–	7	23	72	136
Field crop, except cash grain farms (013)	2 097	369	4	19	35	112	199
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 097	369	4	19	35	112	199
Vegetable and melon farms (016)	191	58	1	3	9	27	18
Fruit and tree nut farms (017)	617	90	3	6	8	27	46
Horticultural specialty farms (018)	154	63	5	9	12	15	22
General farms, primarily crop (019)	559	133	1	3	12	53	64
Livestock farms, except dairy, poultry, and animal specialty (021)	6 907	1 621	34	95	193	604	695
Beef cattle farms, except feedlots (0212)	4 534	1 009	13	30	99	363	504
Dairy farms (024)	1 105	954	12	77	244	441	180
Poultry and egg farms (025)	156	120	25	49	24	15	7
Animal specialty farms (027)	677	158	1	7	27	65	58
General farms, primarily livestock (029)	232	36	1	5	7	11	12
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold ... farms	13 833	3 840	87	280	594	1 442	1 437
$1,000	468 195	409 667	113 272	83 226	80 886	91 208	41 075
Farms by value of agricultural products sold:							
$500,000 or more	89	87	87	–	–	–	–
$200,000 to $499,999	286	280	–	280	–	–	–
$100,000 to $199,999	608	594	–	–	594	–	–
$40,000 to $99,999	1 458	1 442	–	–	–	1 442	–
$20,000 to $39,999	1 446	1 437	–	–	–	–	1 437
$10,000 to $19,999	1 783	–	–	–	–	–	–
$5,000 to $9,999	2 013	–	–	–	–	–	–
$2,500 to $4,999	2 137	–	–	–	–	–	–
Less than $2,500	4 013	–	–	–	–	–	–

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 BY TYPE OF ORGANIZATION						
Individual or family ... farms	8 853	1 513	1 769	1 904	3 667	–
acres	1 557 253	622 652	402 483	274 310	257 808	–
Partnership ... farms	790	208	183	177	222	–
acres	281 594	142 528	57 134	45 153	36 779	–
Corporations:						
Family held ... farms	114	36	30	26	22	–
acres	75 475	27 698	35 843	5 073	6 861	–
More than 10 stockholders ... farms	5	–	1	3	1	–
10 or less stockholders ... farms	109	36	29	23	21	–
Other than family held ... farms	5	–	4	–	1	–
acres	9 894	–	(D)	–	(D)	–
More than 10 stockholders ... farms	1	–	1	–	–	–
10 or less stockholders ... farms	4	–	3	–	1	–
Other—cooperative, estate or trust, etc. ... farms	94	22	17	19	36	137
acres	24 202	14 319	(D)	2 517	(D)	1 534 455
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	6 214	1 130	1 187	1 290	2 607	41
Not on farm operated	2 676	480	599	611	986	94
Operators by age group:						
Under 25 years	199	52	31	42	74	1
25 to 34 years	961	167	174	203	417	15
35 to 44 years	1 984	329	365	360	930	32
45 to 54 years	2 499	474	502	543	980	52
55 to 64 years	2 180	423	484	457	816	27
65 years and over	2 033	334	447	521	731	10
Average age	51.7	51.5	52.6	53.0	50.6	48.2
Operators by sex:						
Male	9 539	1 737	1 961	2 057	3 784	136
Female	317	42	42	69	164	1
Operators of Spanish origin	35	7	5	8	15	1
Operators by principal occupation:						
Farming	3 003	921	710	657	715	105
Other	6 853	858	1 293	1 469	3 233	32
Operators reporting days of work off farm:						
None	2 168	507	500	471	690	48
1 to 99 days	809	185	158	197	269	14
100 to 199 days	1 118	266	263	227	362	14
200 days or more	5 436	728	1 017	1 135	2 556	58
FARMS BY SIZE						
1 to 9 acres	1 617	93	140	241	1 143	6
10 to 49 acres	3 337	204	515	830	1 788	23
50 to 69 acres	795	133	221	209	232	3
70 to 99 acres	842	225	229	184	204	5
100 to 139 acres	674	193	175	155	151	9
140 to 179 acres	516	145	127	119	125	2
180 to 219 acres	301	100	79	64	58	3
220 to 259 acres	222	56	79	48	39	6
260 to 499 acres	727	233	222	153	119	13
500 to 999 acres	448	194	129	71	54	9
1,000 to 1,999 acres	223	117	48	36	22	10
2,000 acres or more	154	86	39	16	13	48
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	888	175	218	216	279	12
Field crop, except cash grain farms (013)	1 703	271	339	375	718	25
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	1 703	271	339	375	718	25
Vegetable and melon farms (016)	131	30	33	26	42	2
Fruit and tree nut farms (017)	523	60	66	71	326	4
Horticultural specialty farms (018)	91	25	23	19	24	–
General farms, primarily crop (019)	421	82	60	32	247	5
Livestock farms, except dairy, poultry, and animal specialty (021)	5 264	1 002	1 113	1 244	1 905	22
Beef cattle farms, except feedlots (0212)	3 512	724	814	848	1 126	13
Dairy farms (024)	140	69	31	5	35	11
Poultry and egg farms (025)	33	4	2	5	22	3
Animal specialty farms (027)	518	50	90	122	256	1
General farms, primarily livestock (029)	144	11	28	11	94	52
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold ... farms	9 856	1 779	2 003	2 126	3 948	137
$1,000	51 645	25 091	14 290	7 641	4 623	6 882
Farms by value of agricultural products sold:						
$500,000 or more	–	–	–	–	–	2
$200,000 to $499,999	–	–	–	–	–	6
$100,000 to $199,999	–	–	–	–	–	14
$40,000 to $99,999	–	–	–	–	–	16
$20,000 to $39,999	–	–	–	–	–	9
$10,000 to $19,999	1 779	1 779	–	–	–	4
$5,000 to $9,999	2 003	–	2 003	–	–	10
$2,500 to $4,999	2 126	–	–	2 126	–	11
Less than $2,500	3 948	–	–	–	3 948	65

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	3 730	1 319	24	84	177	473	561
$1,000	28 519	21 568	1 470	3 181	4 750	6 941	5 225
Sales of $40,000 or more ... forms	117	117	8	18	36	55	-
$1,000	9 948	9 948	1 274	2 450	3 190	3 034	-
Commodity Credit Corporation loans ... forms	360	198	2	9	24	77	86
$1,000	1 503	1 279	(D)	(D)	239	482	341
Cotton and cottonseed ... forms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more ... forms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Commodity Credit Corporation loans ... forms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco ... forms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $40,000 or more ... forms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Field seeds, hay, forage, and silage ... forms	3 916	1 017	15	65	128	362	447
$1,000	32 709	23 394	1 407	4 248	4 554	7 439	5 746
Sales of $40,000 or more ... forms	144	142	6	24	43	69	-
$1,000	12 900	(D)	(D)	3 916	3 621	3 980	-
Vegetables, sweet corn, and melons ... forms	519	205	2	13	38	85	67
$1,000	7 089	6 072	(D)	(D)	1 424	2 138	708
Sales of $40,000 or more ... forms	41	41	1	7	13	20	-
$1,000	4 119	4 119	(D)	(D)	1 116	1 279	-
Fruits, nuts, and berries ... forms	679	114	3	6	9	40	56
$1,000	9 558	7 621	1 715	1 682	1 151	1 759	1 313
Sales of $40,000 or more ... forms	46	44	3	6	8	27	-
$1,000	6 347	(D)	(D)	1 682	1 141	1 661	-
Nursery and greenhouse products ... forms	177	74	5	10	13	19	27
$1,000	14 231	13 607	7 629	2 703	1 652	994	629
Sales of $40,000 or more ... forms	40	40	5	9	12	14	-
$1,000	12 873	12 873	7 629	2 685	1 649	909	-
Other crops ... forms	390	265	7	29	50	107	72
$1,000	10 500	10 022	3 267	2 339	1 781	1 874	762
Sales of $40,000 or more ... forms	48	48	5	16	18	9	-
$1,000	7 143	7 143	3 253	2 075	1 335	480	-
Poultry and poultry products ... forms	473	154	25	49	34	30	16
$1,000	54 583	53 716	33 626	15 471	3 330	1 110	179
Sales of $40,000 or more ... forms	120	115	25	49	26	15	-
$1,000	54 181	53 475	33 626	15 471	3 310	1 067	-
Dairy products ... forms	1 326	1 056	15	84	261	477	219
$1,000	92 024	88 280	9 451	19 664	29 013	25 362	4 790
Sales of $40,000 or more ... forms	742	728	15	84	255	374	-
$1,000	83 077	80 495	9 451	19 664	28 932	22 448	-
Cattle and calves ... forms	8 140	2 811	57	197	449	1 100	1 008
$1,000	168 082	142 118	49 261	23 061	21 400	31 350	17 047
Sales of $40,000 or more ... forms	719	707	48	107	164	388	-
$1,000	111 896	110 260	49 103	21 269	17 457	22 431	-
Hogs and pigs ... forms	1 116	279	1	12	40	107	119
$1,000	5 172	3 627	(D)	(D)	1 160	1 410	723
Sales of $40,000 or more ... forms	31	27	-	2	9	16	-
$1,000	2 475	2 185	-	(D)	1 011	(D)	-
Sheep, lambs, and wool ... forms	2 167	638	14	46	99	240	239
$1,000	30 886	27 151	4 117	7 292	6 665	6 848	2 228
Sales of $40,000 or more ... forms	192	191	9	33	57	92	-
$1,000	23 318	(D)	(D)	7 152	6 359	5 626	-
Other livestock and livestock products (see text) ... forms	1 513	401	9	26	66	151	149
$1,000	14 840	12 492	818	1 960	4 005	3 982	1 727
Sales of $40,000 or more ... forms	105	105	1	8	31	65	-
$1,000	10 461	10 461	(D)	(D)	3 930	3 808	-
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased ... forms	5 876	2 017	67	204	302	772	672
$1,000	75 247	67 119	30 082	14 092	7 008	11 969	3 967
Forms with expenses of—							
$1 to $4,999	4 394	898	3	22	98	341	434
$5,000 to $19,999	851	517	4	28	93	193	199
$20,000 to $49,999	382	363	10	67	59	193	34
$50,000 or more	249	239	50	87	52	45	5
Feed for livestock and poultry ... forms	9 000	2 989	74	237	496	1 204	978
$1,000	102 865	94 165	33 208	22 699	17 054	16 782	4 422
Forms with expenses of—							
$1 to $4,999	6 783	1 041	1	12	47	342	639
$5,000 to $19,999	1 260	1 015	1	24	131	532	327
$20,000 to $49,999	570	559	3	37	189	318	12
$50,000 or more	387	374	69	164	129	12	-
Commercially mixed formula feeds ... forms	3 337	1 621	56	171	367	688	339
tons	399 917	380 787	155 592	96 671	69 095	50 620	8 809
$1,000	56 651	54 184	22 806	14 248	9 542	6 420	1 169
Forms by tons purchased:							
1 to 99 tons	2 718	1 023	4	43	148	497	331
100 to 499 tons	465	448	13	55	188	184	8
500 tons or more	154	150	39	73	31	7	-
Forms with expenses of—							
$1 to $4,999	2 275	629	1	13	64	303	248
$5,000 to $19,999	632	580	6	37	136	311	90
$20,000 to $49,999	230	218	7	32	109	69	1
$50,000 or more	200	194	42	89	58	5	-

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	forms	2 377	676	670	536	495	34
	$1,000	6 601	3 301	1 944	946	411	350
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	162	61	52	30	19	–
	$1,000	224	145	50	22	7	–
Cotton and cottonseed	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Commodity Credit Corporation loans	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Tobacco	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Field seeds, hay, forage, and silage	forms	2 852	604	682	628	938	47
	$1,000	8 936	3 973	2 622	1 353	988	379
Sales of $40,000 or more	forms	–	–	–	–	–	2
	$1,000	–	–	–	–	–	(D)
Vegetables, sweet corn, and melons	forms	307	84	66	58	99	7
	$1,000	947	538	255	97	57	71
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Fruits, nuts, and berries	forms	559	79	96	102	282	6
	$1,000	1 773	808	487	259	218	165
Sales of $40,000 or more	forms	–	–	–	–	–	2
	$1,000	–	–	–	–	–	(D)
Nursery and greenhouse products	forms	103	30	23	23	27	–
	$1,000	624	368	152	71	33	–
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Other crops	forms	116	50	28	21	17	9
	$1,000	423	305	88	21	8	55
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Poultry and poultry products	forms	313	44	37	61	171	6
	$1,000	158	76	21	33	29	708
Sales of $40,000 or more	forms	–	–	–	–	–	5
	$1,000	–	–	–	–	–	706
Dairy products	forms	256	95	50	25	86	14
	$1,000	1 162	882	202	25	53	2 581
Sales of $40,000 or more	forms	–	–	–	–	–	14
	$1,000	–	–	–	–	–	2 581
Cattle and calves	forms	5 286	1 199	1 232	1 251	1 604	43
	$1,000	23 802	11 769	6 649	3 536	1 848	2 163
Sales of $40,000 or more	forms	–	–	–	–	–	12
	$1,000	–	–	–	–	–	1 636
Hogs and pigs	forms	831	164	180	188	299	6
	$1,000	1 252	515	361	211	165	293
Sales of $40,000 or more	forms	–	–	–	–	–	4
	$1,000	–	–	–	–	–	290
Sheep, lambs, and wool	forms	1 526	291	288	368	579	3
	$1,000	3 624	1 724	847	607	446	112
Sales of $40,000 or more	forms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Other livestock and livestock products (see text)	forms	1 107	183	217	253	454	5
	$1,000	2 344	833	661	482	368	5
Sales of $40,000 or more	forms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	forms	3 824	753	849	839	1 383	35
	$1,000	7 236	2 890	2 330	1 033	983	892
Farms with expenses of—							
$1 to $4,999		3 487	573	736	816	1 362	9
$5,000 to $19,999		320	174	103	22	21	14
$20,000 to $49,999		11	5	5	1	–	8
$50,000 or more		6	1	5	–	–	4
Feed for livestock and poultry	forms	5 967	1 209	1 270	1 270	2 218	44
	$1,000	6 946	2 834	1 805	1 068	1 239	1 754
Forms with expenses of—							
$1 to $4,999		5 724	1 037	1 225	1 264	2 198	18
$5,000 to $19,999		241	171	44	6	20	4
$20,000 to $49,999		1	–	1	–	–	10
$50,000 or more		1	1	–	–	–	12
Commercially mixed formula feeds	forms	1 687	336	351	290	710	29
	tons	11 360	4 593	2 774	1 702	2 290	7 770
	$1,000	1 488	598	362	213	316	979
Farms by tons purchased:							
1 to 99 tons		1 685	335	351	289	710	10
100 to 499 tons		2	1	–	1	–	15
500 tons or more		–	–	–	–	–	4
Farms with expenses of—							
$1 to $4,999		1 639	312	337	288	702	7
$5,000 to $19,999		48	24	14	2	8	4
$20,000 to $49,999		–	–	–	–	–	12
$50,000 or more		–	–	–	–	–	6

See footnote at end of table.

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

	All forms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs ... farms	8 436	3 041	76	248	519	1 205	993
$1,000	3 751	2 938	466	635	632	931	274
Farms with expenses of—							
$1 to $499	6 713	1 545	7	37	141	556	804
$500 to $999	859	696	8	45	114	373	156
$1,000 to $2,999	656	610	25	111	220	224	30
$3,000 or more	208	190	36	55	44	52	3
Seeds, bulbs, plants, and trees ... farms	6 389	2 461	48	187	389	950	887
$1,000	7 169	5 665	1 092	1 149	1 173	1 433	819
Farms with expenses of—							
$1 to $999	4 862	1 252	4	34	133	447	634
$1,000 to $4,999	1 343	1 037	19	99	208	471	240
$5,000 to $9,999	120	109	11	28	30	27	13
$10,000 or more	64	63	14	26	18	5	–
Commercial fertilizer ... farms	6 638	2 410	50	183	393	970	814
$1,000	11 985	9 386	1 068	1 988	1 678	3 056	1 597
Farms with expenses of—							
$1 to $2,499	5 481	1 412	7	55	169	589	592
$2,500 to $9,999	980	827	19	73	180	339	216
$10,000 to $19,999	115	111	9	32	37	27	6
$20,000 or more	62	60	15	23	7	15	–
Other agricultural chemicals including lime ... farms	6 594	2 566	60	206	430	976	894
$1,000	4 676	3 717	419	702	777	1 147	672
Farms with expenses of—							
$1 to $2,499	6 196	2 197	30	138	354	858	817
$2,500 to $9,999	340	314	16	50	62	109	77
$10,000 to $19,999	42	39	8	12	11	8	–
$20,000 or more	16	16	6	6	3	1	–
Energy and petroleum products ... farms	13 712	3 871	87	280	593	1 469	1 442
$1,000	31 821	24 313	3 138	4 253	5 359	7 515	4 048
Farms with expenses of—							
$1 to $2,499	10 503	1 206	1	10	51	371	773
$2,500 to $9,999	2 678	2 143	25	133	389	943	653
$10,000 to $19,999	351	345	21	76	90	142	16
$20,000 or more	180	177	40	61	63	13	–
Petroleum products ... farms	13 692	3 871	87	280	593	1 469	1 442
$1,000	22 708	16 731	1 672	2 880	3 447	5 471	3 262
Gasoline ... farms	13 202	3 800	83	277	578	1 448	1 414
$1,000	13 011	9 091	674	1 504	1 817	3 074	2 022
Diesel fuel ... farms	7 722	3 240	72	243	503	1 275	1 147
$1,000	6 082	4 839	496	790	948	1 744	860
LP gas, butane, and propane ... farms	1 658	1 023	38	129	207	377	272
$1,000	934	823	169	205	196	166	88
Fuel oil ... farms	938	408	13	29	84	160	122
$1,000	342	259	54	43	77	53	32
Natural gas ... farms	630	408	19	62	115	135	77
$1,000	757	663	204	155	195	71	37
Kerosene, motor oil, and grease ... farms	13 681	3 870	87	280	593	1 469	1 441
$1,000	1 583	1 056	75	182	215	362	222
Electricity ... farms	7 477	3 049	75	245	529	1 195	1 005
$1,000	8 807	7 374	1 392	1 361	1 894	1 991	737
Other—coal, wood, coke, etc. ... farms	988	430	14	30	48	190	148
$1,000	306	207	74	13	18	53	49
Hired farm labor ... farms	6 466	2 994	83	264	518	1 136	993
$1,000	35 054	30 907	7 878	6 797	6 748	7 012	2 472
Farms with expenses of—							
$1 to $4,999	5 089	1 697	3	46	151	625	872
$5,000 to $19,999	975	913	14	85	243	451	120
$20,000 to $49,999	302	290	20	93	117	59	1
$50,000 or more	100	94	46	40	7	1	–
Workers by number of days worked:							
150 days or more ... farms	2 194	1 724	81	236	425	694	288
workers	5 617	4 947	935	1 030	1 159	1 367	456
Less than 150 days ... farms	5 683	2 447	66	194	417	899	871
workers	24 139	14 328	1 094	2 096	2 489	4 447	4 202
Contract labor ... farms	1 335	582	19	51	90	221	201
$1,000	3 057	2 413	394	440	483	605	491
Farms with expenses of—							
$1 to $2,499	1 054	345	2	16	36	144	147
$2,500 to $9,999	234	190	9	25	36	68	52
$10,000 to $19,999	33	33	1	5	18	8	1
$20,000 or more	14	14	7	5	–	1	1
Customwork, machine hire, and rental of machinery and equipment ... farms	6 789	1 976	37	155	295	773	716
$1,000	6 306	3 697	211	506	794	1 389	796
Farms with expenses of—							
$1 to $2,499	6 220	1 558	18	85	213	596	646
$2,500 to $9,999	520	371	13	56	72	162	68
$10,000 to $19,999	39	37	4	14	7	10	2
$20,000 or more	10	10	2	–	3	5	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services ... farms	1 184	535	9	34	75	208	209
$1,000	2 597	1 628	56	117	319	632	503
Value of agricultural products sold directly to individuals for human consumption ... farms	1 272	287	12	19	34	102	120
$1,000	3 546	2 166	189	594	320	594	469

See footnote at end of table.

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

		Forms 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 EXPENSES[1]—Con.							
Animal health costs	forms	5 352	1 171	1 189	1 199	1 793	43
	$1,000	725	248	167	139	171	88
Forms with expenses of—							
$1 to $499		5 149	1 079	1 133	1 169	1 768	19
$500 to $999		155	66	49	28	12	8
$1,000 to $2,999		38	21	6	2	9	8
$3,000 or more		10	5	1	-	4	8
Seeds, bulbs, plants, and trees	forms	3 872	917	860	894	1 201	56
	$1,000	1 406	592	302	281	230	98
Forms with expenses of—							
$1 to $999		3 585	751	809	845	1 180	25
$1,000 to $4,999		278	158	51	49	20	28
$5,000 to $9,999		8	7	-	-	1	3
$10,000 or more		1	1	-	-	-	-
Commercial fertilizer	forms	4 174	997	1 055	888	1 234	54
	$1,000	2 368	981	689	389	309	232
Forms with expenses of—							
$1 to $2,499		4 037	909	1 015	880	1 233	32
$2,500 to $9,999		136	87	40	8	1	17
$10,000 to $19,999		1	1	-	-	-	3
$20,000 or more		-	-	-	-	-	2
Other agricultural chemicals including lime	forms	3 972	992	928	842	1 210	56
	$1,000	863	392	204	140	127	95
Forms with expenses of—							
$1 to $2,499		3 952	981	926	835	1 210	47
$2,500 to $9,999		20	11	2	7	-	6
$10,000 to $19,999		-	-	-	-	-	3
$20,000 or more		-	-	-	-	-	-
Energy and petroleum products	forms	9 716	1 807	2 017	2 152	3 740	125
	$1,000	7 098	3 150	1 750	1 163	1 035	409
Forms with expenses of—							
$1 to $2,499		9 206	1 378	1 949	2 144	3 735	91
$2,500 to $9,999		509	428	68	8	5	26
$10,000 to $19,999		1	1	-	-	-	5
$20,000 or more		-	-	-	-	-	3
Petroleum products	forms	9 697	1 803	2 016	2 152	3 726	124
	$1,000	5 700	2 481	1 425	950	845	276
Gasoline	forms	9 288	1 745	1 945	2 041	3 557	114
	$1,000	3 769	1 589	952	636	592	151
Diesel fuel	forms	4 414	1 309	1 113	967	1 025	68
	$1,000	1 183	580	295	176	132	60
LP gas, butane, and propane	forms	625	168	189	132	136	10
	$1,000	100	40	31	18	11	10
Fuel oil	forms	523	153	115	106	149	7
	$1,000	80	39	13	15	12	3
Natural gas	forms	214	87	60	55	12	8
	$1,000	61	43	7	8	3	33
Kerosene, motor oil, and grease	forms	9 688	1 802	2 016	2 149	3 721	123
	$1,000	507	190	127	96	95	19
Electricity	forms	4 377	1 217	1 016	913	1 231	51
	$1,000	1 301	634	305	192	170	132
Other—coal, wood, coke, etc.	forms	554	155	115	105	179	4
	$1,000	97	35	20	21	20	1
Hired farm labor	forms	3 385	931	864	740	850	87
	$1,000	3 160	1 213	874	598	474	987
Forms with expenses of—							
$1 to $4,999		3 340	894	857	740	849	52
$5,000 to $19,999		43	36	6	-	1	19
$20,000 to $49,999		1	1	-	-	-	11
$50,000 or more		1	-	1	-	-	5
Workers by number of days worked:							
150 days or more	forms	427	221	77	80	49	43
	workers	541	290	93	103	55	129
Less than 150 days	forms	3 165	823	826	697	819	71
	workers	9 517	2 899	2 628	1 832	2 158	294
Contract labor	forms	743	210	189	174	170	10
	$1,000	618	265	178	112	64	26
Forms with expenses of—							
$1 to $2,499		702	190	174	169	169	7
$2,500 to $9,999		41	20	15	5	1	3
$10,000 to $19,999		-	-	-	-	-	-
$20,000 or more		-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment	forms	4 751	935	1 116	1 075	1 625	62
	$1,000	2 520	870	598	565	486	89
Forms with expenses of—							
$1 to $2,499		4 610	837	1 105	1 060	1 608	52
$2,500 to $9,999		140	98	11	14	17	9
$10,000 to $19,999		1	-	-	1	-	1
$20,000 or more		-	-	-	-	-	-
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	forms	646	223	164	91	168	3
	$1,000	967	375	245	157	191	3
Value of agricultural products sold directly to individuals for human consumption	forms	976	158	158	197	463	9
	$1,000	1 322	417	310	293	303	58

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more: Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... forms	13 772	3 883	87	280	593	1 469	1 454
$1,000	379 093	239 790	15 370	32 598	50 475	89 680	51 667
Farms by value group:							
$1 to $4,999	1 935	95	1	3	12	37	42
$5,000 to $9,999	3 982	213	4	1	16	59	133
$10,000 to $19,999	2 642	580	4	28	29	196	323
$20,000 to $49,999	3 094	1 269	11	50	137	455	616
$50,000 to $99,999	1 289	964	23	69	182	436	254
$100,000 to $199,999	611	563	13	86	175	210	79
$200,000 to $499,999	209	190	27	38	42	76	7
$500,000 or more	10	9	4	5	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ... forms	8 201	2 907	54	206	454	1 136	1 057
number	12 157	4 663	137	448	853	1 761	1 464
Motortrucks, including pickups ... forms	11 976	3 730	86	275	585	1 419	1 365
number	22 723	10 603	532	1 277	2 051	3 865	2 878
Wheel tractors ... forms	11 511	3 535	79	255	548	1 347	1 306
number	22 206	9 670	364	981	1 771	3 736	2 818
2 or 3 ... forms	5 265	2 107	20	77	262	882	866
number	12 062	5 097	46	189	663	2 191	2 008
4 or more ... forms	986	785	46	135	223	277	104
number	4 884	3 930	305	749	1 045	1 357	474
Grain and bean combines, self-propelled only ... forms	1 602	965	23	66	139	389	348
number	1 748	1 058	33	85	155	414	371
Cornpickers, corn heads, and picker-shellers ... forms	251	157	10	14	31	54	48
number	309	195	15	17	40	73	50
Corn heads for combines ... forms	171	111	8	11	21	37	34
number	186	122	10	13	24	40	35
Other cornpickers and picker-shellers ... forms	91	55	3	4	14	19	15
number	123	73	5	4	16	33	15
Cottonpickers ... forms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ... forms	4 937	2 164	31	146	347	881	759
number	5 292	2 402	47	170	382	1 022	781
Pickup balers ... forms	6 446	2 486	41	158	386	982	919
number	7 171	3 012	76	216	491	1 231	998
Field forage harvesters, shear bar or flywheel type ... forms	1 754	1 048	29	112	264	407	236
number	1 909	1 169	38	146	297	440	248
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ... forms	8 762	3 020	65	222	488	1 168	1 077
$1,000	16 661	13 103	1 487	2 690	2 455	4 203	2 268
Commercial fertilizer ... forms	6 374	2 362	49	179	386	947	801
acres on which used	510 841	388 489	29 079	72 435	80 654	125 405	80 916
Lime ... forms	1	1	–	1	–	–	–
acres on which used	(D)	(D)	–	(D)	–	–	–
tons	(D)	(D)	–	(D)	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ... forms	3 861	1 621	42	142	296	596	545
acres on which used	272 246	211 505	18 906	35 752	47 165	66 113	43 569
Nematodes in crops ... forms	255	177	5	19	24	91	38
acres on which used	8 200	6 751	225	1 456	1 339	2 705	1 026
Diseases in crops and orchards ... forms	783	211	8	24	39	59	81
acres on which used	20 701	15 492	1 203	3 069	3 517	3 882	3 821
Weeds, grass, or brush in crops and pasture ... forms	3 517	1 605	29	134	261	625	556
acres on which used	281 497	225 672	12 510	40 700	56 578	73 742	42 142
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ... forms	223	120	2	15	24	53	26
acres on which used	13 497	11 251	(D)	4 933	(D)	2 834	1 722
Insect control on livestock and poultry ... forms	2 948	1 410	40	132	282	533	423
Sanitation and rodent and bird control ... forms	1 122	549	23	59	124	211	132
LIVESTOCK							
Cattle and calves inventory ... forms	8 780	2 783	55	196	441	1 082	1 009
number	810 543	612 162	86 053	104 899	125 299	188 525	107 386
Farms with—							
1 to 9	2 104	101	–	5	10	34	52
10 to 49	3 213	389	1	10	16	106	256
50 to 99	1 366	621	1	4	36	317	263
100 to 199	1 164	811	5	21	175	322	288
200 to 499	668	610	4	89	138	235	144
500 or more	265	251	44	67	66	68	6
Cows and heifers that had calved ... forms	7 353	2 493	41	168	406	963	915
number	396 715	295 128	26 022	46 097	63 708	99 942	59 359
Beef cows ... forms	5 870	1 628	29	101	191	574	733
number	317 931	221 727	19 369	30 874	40 410	77 143	53 931
Farms with—							
1 to 9	1 951	128	–	5	15	53	55
10 to 49	2 325	444	2	19	43	123	257
50 to 99	788	358	4	16	27	107	204
100 to 199	457	371	5	15	30	142	179
200 to 499	276	257	8	25	51	135	38
500 or more	73	70	10	21	25	14	–

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 EQUIPMENT[1]						
Estimated market value of all machinery and equipment ... forms	9 763	1 807	2 022	2 161	3 773	126
$1,000	128 841	44 405	30 257	27 085	27 094	10 462
Farms by value group:						
$1 to $4,999	1 836	122	269	496	949	4
$5,000 to $9,999	3 763	238	588	693	2 244	6
$10,000 to $19,999	2 033	425	670	532	406	29
$20,000 to $49,999	1 793	828	420	391	154	32
$50,000 to $99,999	307	177	68	47	15	18
$100,000 to $199,999	30	16	7	2	5	18
$200,000 to $499,999	1	1	–	–	–	18
$500,000 or more	–	–	–	–	–	1
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ... forms	5 229	1 318	1 175	1 124	1 612	65
number	7 380	1 978	1 678	1 475	2 249	114
Motortrucks, including pickups ... forms	8 135	1 680	1 778	1 754	2 923	111
number	11 618	2 924	2 702	2 397	3 595	502
Wheel tractors ... forms	7 863	1 614	1 721	1 735	2 793	113
number	12 149	3 208	2 859	2 522	3 560	387
2 or 3 ... forms	3 110	970	833	642	665	48
number	6 847	2 222	1 827	1 373	1 425	118
4 or more ... forms	164	105	43	14	2	37
number	713	447	187	70	(D)	241
Grain and bean combines, self-propelled only ... forms	622	254	187	122	59	15
number	675	273	193	124	85	15
Cornpickers, corn heads, and picker-shellers ... forms	92	28	21	35	8	2
number	(D)	28	22	52	(D)	(D)
Corn heads for combines ... forms	58	14	11	30	3	2
number	(D)	14	12	32	(D)	(D)
Other cornpickers and picker-shellers ... forms	35	14	10	6	5	1
number	(D)	14	10	20	(D)	(D)
Cottonpickers ... forms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ... forms	2 723	795	724	646	558	50
number	2 822	806	768	670	578	68
Pickup balers ... forms	3 897	1 048	1 064	983	802	63
number	4 079	1 110	1 095	1 068	806	80
Field forage harvesters, shear bar or flywheel type ... forms	673	283	155	133	102	33
number	706	297	155	135	119	34
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ... forms	5 672	1 251	1 383	1 189	1 849	70
$1,000	3 231	1 373	893	529	436	327
Commercial fertilizer ... forms	3 958	952	1 013	847	1 146	54
acres on which used	114 419	45 475	33 563	20 036	15 345	7 933
Lime ... forms	–	–	–	–	–	–
acres on which used	–	–	–	–	–	–
tons	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ... forms	2 210	625	484	482	619	30
acres on which used	56 181	26 913	12 953	10 058	6 257	4 560
Nematodes in crops ... forms	76	35	17	5	19	2
acres on which used	(D)	754	354	(D)	238	(D)
Diseases in crops and orchards ... forms	566	92	70	77	327	6
acres on which used	4 688	1 643	976	990	1 079	521
Weeds, grass, or brush in crops and pasture ... forms	1 874	465	528	443	438	38
acres on which used	49 365	24 166	12 432	7 695	5 072	6 460
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ... forms	101	25	11	15	50	2
acres on which used	(D)	1 068	(D)	812	207	(D)
Insect control on livestock and poultry ... forms	1 508	396	374	270	468	30
Sanitation and rodent and bird control ... forms	558	143	155	69	191	15
LIVESTOCK						
Cattle and calves inventory ... forms	5 955	1 190	1 274	1 305	2 186	42
number	185 650	81 484	48 771	31 855	23 540	12 731
Farms with—						
1 to 9	2 000	116	195	348	1 341	3
10 to 49	2 822	436	743	833	810	2
50 to 99	738	347	266	100	25	7
100 to 199	341	253	62	20	6	12
200 to 499	47	34	7	2	4	11
500 or more	7	4	1	2	–	7
Cows and heifers that had calved ... forms	4 821	1 021	1 033	1 093	1 674	39
number	94 186	42 425	24 772	15 985	11 004	7 401
Beef cows ... forms	4 216	924	934	1 008	1 350	26
number	90 716	40 905	24 080	15 528	10 203	5 488
Farms with—						
1 to 9	1 820	135	221	444	1 020	3
10 to 49	1 876	437	596	524	319	5
50 to 99	422	279	101	35	7	8
100 to 199	82	66	13	3	–	4
200 to 499	15	6	3	2	4	4
500 or more	1	1	–	–	–	2

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more: Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows ..... farms	2 646	1 296	17	96	281	562	340
number	78 784	73 401	6 653	15 223	23 298	22 799	5 428
Farms with—							
1 to 4	1 463	270	2	8	23	97	140
5 to 9	73	18	–	4	3	9	2
10 to 49	512	423	–	–	11	217	195
50 to 99	384	380	–	7	139	231	3
100 to 199	161	153	–	41	104	8	–
200 to 499	49	48	11	36	1	–	–
500 or more	4	4	4	–	–	–	–
Heifers and heifer calves ..... farms	6 605	2 407	47	163	405	937	855
number	205 859	158 673	22 046	29 071	36 025	45 803	25 728
Steers, steer calves, bulls, and bull calves ..... farms	7 250	2 414	48	162	377	936	891
number	207 969	158 361	37 985	29 731	25 566	42 780	22 299
Cattle and calves sold ..... farms	8 140	2 811	57	197	449	1 100	1 008
number	471 540	382 238	110 426	60 091	63 333	94 126	54 262
$1,000	168 082	142 118	49 261	23 061	21 400	31 350	17 047
Calves ..... farms	4 311	1 511	21	90	231	583	586
number	151 221	108 542	11 515	14 534	19 930	36 537	26 026
$1,000	36 107	26 433	3 153	3 088	4 743	8 845	6 604
Cattle ..... farms	6 614	2 479	55	187	408	979	850
number	320 319	273 696	98 911	45 557	43 403	57 589	28 236
$1,000	131 975	115 684	46 107	19 973	16 657	22 504	10 443
Fattened on grain and concentrates ..... farms	1 609	572	23	59	85	216	189
number	133 749	124 335	72 391	22 628	10 501	13 105	5 710
$1,000	63 417	59 776	36 181	10 949	4 535	5 783	2 329
Hogs and pigs inventory ..... farms	1 563	329	1	16	48	130	134
number	48 850	30 464	(D)	2 159	9 633	10 964	7 663
Farms with—							
1 to 9	958	136	–	6	19	56	55
10 to 49	442	105	1	6	14	35	49
50 to 99	61	18	–	–	1	7	10
100 to 199	45	23	–	1	4	10	8
200 to 499	38	30	–	2	2	19	7
500 or more	19	17	–	1	8	3	5
Used or to be used for breeding ..... farms	862	186	–	5	27	73	81
number	7 288	3 774	–	235	1 185	1 560	794
Other ..... farms	1 375	299	1	16	44	118	120
number	41 562	26 690	(D)	(D)	8 448	9 404	6 869
Hogs and pigs sold ..... farms	1 116	279	1	12	40	107	119
number	62 807	39 172	(D)	(D)	11 979	15 539	8 304
$1,000	5 172	3 627	(D)	(D)	1 160	1 410	723
Feeder pigs sold ..... farms	330	58	–	–	5	29	24
number	12 626	4 387	–	–	722	2 903	762
$1,000	389	143	–	–	25	95	23
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	892	190	–	5	27	76	82
number	9 189	5 475	–	372	2 031	2 257	815
Dec. 1 and May 31 ..... farms	741	160	–	5	25	67	63
number	4 780	2 797	–	191	1 010	1 151	445
June 1 and Nov. 30 ..... farms	629	152	–	5	21	63	63
number	4 409	2 678	–	181	1 021	1 106	370
Sheep and lambs of all ages inventory ..... farms	2 202	625	14	45	99	229	238
number	621 399	530 593	62 946	130 420	133 259	154 682	49 286
Ewes 1 year old or older ..... farms	2 074	598	13	44	95	221	225
number	441 959	382 585	46 045	94 876	101 044	106 273	34 347
Sheep and lambs sold ..... farms	2 082	632	14	46	98	238	236
number	483 989	424 521	62 757	114 828	102 924	109 054	34 958
Sheep and lambs shorn ..... farms	2 027	603	14	45	94	228	222
number	536 531	468 060	68 014	116 087	115 370	129 591	38 998
pounds of wool	5 379 403	4 717 860	619 513	1 204 394	1 176 769	1 320 360	396 824
Horses and ponies inventory ..... farms	5 953	1 716	32	121	263	632	668
number	27 153	9 718	356	1 042	1 810	3 787	2 723
Horses and ponies sold ..... farms	1 088	233	6	18	37	83	89
number	2 884	766	32	109	174	219	232
$1,000	2 435	893	7	252	219	210	205
Goats inventory ..... farms	124	12	1	1	3	4	3
number	1 158	60	(D)	(D)	(D)	25	10
Goats sold ..... farms	38	1	1	–	–	–	–
number	229	(D)	(D)	–	–	–	–
$1,000	11	(D)	(D)	–	–	–	–
POULTRY							
Chickens 3 months old or older inventory ..... farms	1 440	244	11	9	32	87	105
number	2 298 463	2 223 816	1 916 181	178 718	76 732	42 425	9 760
Farms with—							
1 to 399	1 401	217	2	5	26	82	102
400 to 3,199	13	4	–	–	1	–	3
3,200 to 9,999	7	6	–	–	2	4	–
10,000 to 19,999	3	2	–	–	1	1	–
20,000 to 49,999	5	4	–	2	2	–	–
50,000 to 99,999	4	4	2	2	–	–	–
100,000 or more	7	7	7	–	–	–	–
Hens and pullets of laying age ..... farms	1 412	241	11	9	31	86	104
number	2 166 660	2 105 646	1 851 706	145 218	63 669	35 449	9 604
Pullets 3 months old or older not of laying age ..... farms	185	37	4	4	5	12	12
number	131 803	118 170	64 475	33 500	13 063	6 976	156

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	
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows ..... farms	1 330	269	262	238	561	20
..... number	3 470	1 520	692	457	801	1 913
Farms with—						
1 to 4	1 187	187	227	220	553	6
5 to 9	55	16	21	12	6	–
10 to 49	88	66	14	6	2	1
50 to 99	–	–	–	–	–	4
100 to 199	–	–	–	–	–	8
200 to 499	–	–	–	–	–	1
500 or more	–	–	–	–	–	–
Heifers and heifer calves ..... farms	4 164	933	927	939	1 365	34
..... number	44 137	18 806	11 698	7 726	5 907	3 049
Steers, steer calves, bulls, and bull calves ..... farms	4 802	1 031	1 076	1 076	1 619	34
..... number	47 327	20 253	12 301	8 144	6 629	2 281
Cattle and calves sold ..... farms	5 286	1 199	1 232	1 251	1 604	43
..... number	81 986	39 639	22 823	12 511	7 013	7 316
..... $1,000	23 802	11 769	6 649	3 536	1 848	2 163
Calves ..... farms	2 775	681	685	624	785	25
..... number	38 884	18 628	11 106	5 757	3 393	3 795
..... $1,000	8 870	4 442	2 546	1 237	644	804
Cattle ..... farms	4 096	983	984	984	1 145	39
..... number	43 102	21 011	11 717	6 754	3 620	3 521
..... $1,000	14 932	7 327	4 103	2 298	1 204	1 359
Fattened on grain and concentrates ..... farms	1 023	215	229	237	342	14
..... number	8 061	3 803	2 100	1 312	846	1 353
..... $1,000	3 160	1 503	855	479	322	481
Hogs and pigs inventory ..... farms	1 227	199	230	242	556	7
..... number	16 370	5 649	4 300	2 822	3 599	2 016
Farms with—						
1 to 9	820	106	126	158	430	2
10 to 49	336	60	78	75	123	1
50 to 99	43	17	17	7	2	–
100 to 199	22	12	9	–	1	–
200 to 499	5	3	–	2	–	3
500 or more	1	1	–	–	–	1
Used or to be used for breeding ..... farms	670	115	163	134	258	6
..... number	3 127	928	903	579	717	387
Other ..... farms	1 071	176	198	211	486	5
..... number	13 243	4 721	3 397	2 243	2 882	1 629
Hogs and pigs sold ..... farms	831	164	180	188	299	6
..... number	20 206	7 755	5 615	3 591	3 245	3 429
..... $1,000	1 252	515	361	211	165	293
Feeder pigs sold ..... farms	270	49	63	59	99	2
..... number	(D)	2 641	2 131	1 567	(D)	(D)
..... $1,000	(D)	86	65	44	(D)	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	696	121	166	141	268	6
..... number	3 251	1 069	921	657	604	463
Dec. 1 and May 31 ..... farms	575	106	136	115	218	6
..... number	1 740	553	507	316	364	243
June 1 and Nov. 30 ..... farms	471	93	119	108	151	6
..... number	1 511	516	414	341	240	220
Sheep and lambs of all ages inventory ..... farms	1 574	287	301	369	617	3
..... number	88 915	41 339	20 565	14 825	12 186	1 891
Ewes 1 year old or older ..... farms	1 473	276	284	348	565	3
..... number	57 764	26 132	13 560	10 400	7 672	1 610
Sheep and lambs sold ..... farms	1 447	286	280	348	533	3
..... number	58 325	27 529	13 643	10 012	7 141	1 143
Sheep and lambs shorn ..... farms	1 421	280	273	342	526	3
..... number	66 721	30 765	15 584	11 661	8 711	1 750
..... pounds of wool	643 238	294 304	155 962	112 253	80 719	18 305
Horses and ponies inventory ..... farms	4 225	803	861	944	1 617	12
..... number	17 361	3 035	3 843	3 875	6 608	74
Horses and ponies sold ..... farms	853	131	182	209	331	2
..... number	(D)	(D)	515	544	694	(D)
..... $1,000	(D)	(D)	505	392	297	(D)
Goats inventory ..... farms	111	8	16	20	67	1
..... number	(D)	401	147	(D)	263	(D)
Goats sold ..... farms	37	2	2	4	29	–
..... number	222	(D)	(D)	31	91	–
..... $1,000	11	(D)	(D)	1	2	–
POULTRY						
Chickens 3 months old or older inventory ..... farms	1 189	170	182	212	625	7
..... number	36 038	10 137	6 759	5 912	13 230	38 609
Farms with—						
1 to 399	1 182	167	180	210	625	2
400 to 3,199	7	3	2	2	–	2
3,200 to 9,999	–	–	–	–	–	1
10,000 to 19,999	–	–	–	–	–	1
20,000 to 49,999	–	–	–	–	–	1
50,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Hens and pullets of laying age ..... farms	1 165	169	179	209	608	6
..... number	32 441	9 212	6 053	5 559	11 617	28 573
Pullets 3 months old or older not of laying age ..... farms	145	9	14	21	101	3
..... number	3 597	925	706	353	1 613	10 036

See footnote at end of table.

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

	All farms	Forms 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 ... forms	111	38	9	4	10	8	7
number	951 855	933 666	672 877	77 000	83 977	23 104	76 708
Broilers and other meat-type chickens sold ... forms	36	5	–	–	1	3	1
number	2 623	211	–	–	(D)	35	(D)
Forms with—							
1 to 1,999	36	5	–	–	1	3	1
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ... forms	77	11	3	1	1	4	2
number	38 990	38 632	27 600	(D)	(D)	20	(D)
Turkeys sold ... forms	106	96	15	45	21	11	4
number	3 063 670	3 033 006	1 266 382	1 371 668	283 527	92 529	18 900
CROPS HARVESTED							
Corn for all purposes ... forms	2 367	1 302	32	121	287	509	353
acres	78 602	61 126	6 009	11 338	17 270	17 250	9 259
For grain or seed ... forms	513	207	8	19	30	75	75
acres	14 693	10 255	1 215	1 252	2 418	3 308	2 062
bushels	1 194 596	876 170	125 221	106 865	176 681	287 971	179 432
Irrigated ... forms	513	207	8	19	30	75	75
acres	14 693	10 255	1 215	1 252	2 418	3 308	2 062
Forms by acres harvested:							
1 to 24 acres	362	104	2	3	15	33	51
25 to 99 acres	126	81	2	12	11	35	21
100 to 499 acres	23	20	3	4	3	7	3
500 acres or more	2	2	1	–	1	–	–
Wheat for grain ... forms	2 090	891	19	57	131	321	363
acres	254 603	200 310	7 316	24 541	45 805	68 927	53 721
bushels	6 689 017	5 405 181	319 893	836 247	1 209 714	1 750 023	1 289 304
Irrigated ... forms	1 312	563	17	35	82	198	231
acres	36 775	27 720	2 340	6 007	6 031	6 822	6 520
Forms by acres harvested:							
1 to 24 acres	1 072	303	2	10	29	118	144
25 to 99 acres	535	253	9	19	39	87	99
100 to 499 acres	347	205	4	15	31	65	90
500 acres or more	136	130	4	13	32	51	30
Oats for grain ... forms	1 219	413	5	30	63	162	153
acres	14 889	7 738	394	884	1 027	2 961	2 472
bushels	793 687	426 675	10 120	51 560	65 482	167 809	131 704
Irrigated ... forms	1 141	384	5	29	59	150	141
acres	13 486	6 981	394	873	978	2 641	2 095
Barley for grain ... forms	4 387	1 832	29	126	308	716	653
acres	146 520	103 948	5 782	15 554	24 365	34 250	23 997
bushels	9 120 661	6 749 785	474 791	1 122 162	1 588 578	2 149 824	1 414 430
Irrigated ... forms	4 013	1 702	28	119	291	664	600
acres	125 869	89 595	5 576	14 119	19 839	29 281	20 780
Irish potatoes ... forms	165	79	4	6	15	30	24
acres	5 812	5 549	2 980	1 152	455	817	144
hundredweight	1 324 387	1 287 741	734 800	271 039	97 832	153 743	30 327
Irrigated ... forms	165	79	4	6	15	30	24
acres	5 812	5 549	2 980	1 152	455	817	144
Forms by acres harvested:							
0.1 to 0.9 acres	42	6	–	–	–	1	5
1.0 to 4.9 acres	58	22	–	1	4	6	11
5.0 to 24.9 acres	34	22	–	–	5	12	5
25.0 to 99.9 acres	22	20	–	1	5	11	3
100.0 acres or more	9	9	4	4	1	–	–
Sugar beets for sugar ... forms	257	198	2	23	38	82	53
acres	13 177	12 357	(D)	3 464	3 138	3 096	(D)
tons	240 325	226 113	(D)	66 966	58 315	57 619	(D)
Irrigated ... forms	257	198	2	23	38	82	53
acres	13 177	12 357	(D)	3 464	3 138	3 096	(D)
Hay crops (see text) ... forms	9 808	2 942	44	203	462	1 132	1 101
acres	633 511	413 082	29 006	49 837	82 518	142 565	109 156
tons, dry	1 780 972	1 226 092	80 658	176 433	262 495	419 320	287 186
Irrigated ... forms	9 083	2 765	44	192	441	1 068	1 020
acres	555 807	365 924	24 081	46 966	75 306	126 968	92 603
Forms by acres harvested:							
1 to 24 acres	4 328	338	3	20	42	128	145
25 to 99 acres	3 719	1 223	7	49	153	482	532
100 to 499 acres	1 649	1 272	21	108	232	494	417
500 acres or more	112	109	13	26	35	28	7
Alfalfa hay ... forms	8 892	2 748	39	180	437	1 075	1 017
acres	466 513	296 594	13 487	36 950	63 667	106 280	76 210
tons, dry	1 487 978	1 018 231	49 663	147 994	228 421	357 389	234 764
Irrigated ... forms	8 300	2 590	39	173	420	1 012	946
acres	415 977	266 488	12 542	35 219	57 600	94 785	66 342
All vegetables harvested for sale (see text) ... forms	519	205	2	13	38	85	67
acres	9 393	7 485	(D)	(D)	1 828	2 759	1 371
Irrigated ... forms	519	205	2	13	38	85	67
acres	9 393	7 485	(D)	(D)	1 828	2 759	1 371
Forms by acres harvested:							
0.1 to 4.9 acres	228	26	–	2	4	6	14
5.0 to 24.9 acres	176	78	1	1	9	38	29
25.0 to 99.9 acres	102	88	–	6	21	38	23
100.0 acres or more	13	13	1	4	4	3	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	
POULTRY—Con.						
Chickens 3 months old or older sold ..... forms	68	17	7	8	36	5
number	6 565	2 086	1 163	1 312	2 004	11 624
Broilers and other meat-type chickens sold ..... forms	30	5	4	4	17	1
number	(D)	(D)	164	245	562	(D)
Farms with—						
1 to 1,999	30	5	4	4	17	1
2,000 to 59,999	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ..... forms	65	9	4	10	42	1
number	(D)	47	(D)	47	122	(D)
Turkeys sold ..... forms	7	2	–	1	4	3
number	44	(D)	–	(D)	13	30 620
CROPS HARVESTED						
Corn for all purposes ..... forms	1 034	374	276	180	204	31
acres	15 250	7 476	4 174	1 960	1 640	2 226
For grain or seed ..... forms	303	107	73	59	64	3
acres	4 227	2 145	1 101	551	430	211
bushels	299 840	152 310	91 348	35 034	21 148	18 586
Irrigated ..... forms	303	107	73	59	64	3
acres	4 227	2 145	1 101	551	430	211
Farms by acres harvested:						
1 to 24 acres	258	77	63	56	62	–
25 to 99 acres	43	29	9	3	2	2
100 to 499 acres	2	1	1	–	–	1
500 acres or more	–	–	–	–	–	–
Wheat for grain ..... forms	1 181	363	342	256	220	18
acres	53 290	29 584	14 397	6 807	2 502	1 003
bushels	1 245 880	672 393	346 931	165 635	60 921	37 956
Irrigated ..... forms	733	230	199	169	135	16
acres	8 699	3 950	2 385	1 667	697	356
Farms by acres harvested:						
1 to 24 acres	758	193	198	180	187	11
25 to 99 acres	277	84	99	61	33	5
100 to 499 acres	140	80	45	15	–	2
500 acres or more	6	6	–	–	–	–
Oats for grain ..... forms	800	195	187	174	244	6
acres	7 005	2 263	1 697	1 406	1 639	146
bushels	357 512	115 109	92 200	79 722	70 481	9 500
Irrigated ..... forms	751	184	180	164	223	6
acres	6 359	1 992	1 614	1 315	1 438	146
Barley for grain ..... forms	2 516	728	686	536	566	39
acres	40 327	17 355	11 449	6 787	4 736	2 245
bushels	2 220 247	1 030 132	632 812	346 123	211 180	150 629
Irrigated ..... forms	2 272	663	621	488	500	39
acres	34 079	14 753	9 754	5 530	4 042	2 195
Irish potatoes ..... forms	81	23	13	18	27	5
acres	241	161	33	27	19	23
hundredweight	32 191	21 640	4 710	3 404	2 437	4 455
Irrigated ..... forms	81	23	13	18	27	5
acres	241	161	33	27	19	23
Farms by acres harvested:						
0.1 to 0.9 acres	36	3	4	10	19	–
1.0 to 4.9 acres	33	12	7	6	8	3
5.0 to 24.9 acres	10	6	2	2	–	2
25.0 to 99.9 acres	2	2	–	–	–	–
100.0 acres or more	–	–	–	–	–	–
Sugar beets for sugar ..... forms	54	29	19	5	1	5
acres	755	520	197	(D)	(D)	65
tons	12 927	9 140	3 173	(D)	(D)	1 285
Irrigated ..... forms	54	29	19	5	1	5
acres	755	520	197	(D)	(D)	65
Hay crops (see text) ..... forms	6 798	1 389	1 513	1 505	2 391	68
acres	209 336	82 372	56 020	36 662	34 282	11 093
tons, dry	523 905	227 067	141 886	86 128	68 824	30 975
Irrigated ..... forms	6 254	1 298	1 387	1 381	2 188	64
acres	179 143	71 236	47 203	31 519	29 185	10 740
Farms by acres harvested:						
1 to 24 acres	3 970	357	615	948	2 050	20
25 to 99 acres	2 475	790	814	539	332	21
100 to 499 acres	353	242	84	18	9	24
500 acres or more	–	–	–	–	–	3
Alfalfa hay ..... forms	6 078	1 263	1 386	1 313	2 116	66
acres	161 541	62 523	43 181	29 003	26 834	8 378
tons, dry	444 042	192 741	120 400	72 257	58 644	25 705
Irrigated ..... forms	5 648	1 184	1 277	1 228	1 959	62
acres	141 464	54 839	37 605	25 645	23 375	8 025
All vegetables harvested for sale (see text) ..... forms	307	84	66	58	99	7
acres	1 825	1 041	412	198	175	83
Irrigated ..... forms	307	84	66	58	99	7
acres	1 825	1 041	412	198	175	83
Farms by acres harvested:						
0.1 to 4.9 acres	199	23	36	46	94	3
5.0 to 24.9 acres	95	48	30	12	5	3
25.0 to 99.9 acres	13	13	–	–	–	1
100.0 acres or more	–	–	–	–	–	–

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
CROPS HARVESTED—Con.							
Land in orchards ..... forms	1 071	140	3	7	13	47	70
acres	11 593	6 563	1 022	1 430	840	1 591	1 680
Irrigated ..... forms	1 012	133	3	7	13	44	66
acres	11 094	6 397	1 022	1 430	840	1 568	1 537
Farms by acres in orchards:							
0.1 to 4.9 acres	642	30	–	1	3	14	12
5.0 to 24.9 acres	341	50	–	–	2	10	38
25.0 to 99.9 acres	73	45	–	1	5	21	18
100.0 acres or more	15	15	3	5	3	2	2
Apples ..... forms	655	96	2	7	7	34	46
total acres	3 669	2 038	(D)	(D)	429	365	567
pounds	24 842 172	18 552 748	(D)	(D)	4 845 712	4 104 612	3 704 304

See footnote at end of table.

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

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
CROPS HARVESTED—Con.						
Land in orchards ..... farms	921	102	119	137	563	10
acres	4 777	1 136	836	639	2 166	253
Irrigated ..... farms	869	96	109	130	534	10
acres	4 444	1 074	769	625	1 977	253
Farms by acres in orchards:						
0.1 to 4.9 acres	609	33	51	90	435	3
5.0 to 24.9 acres	290	60	64	45	121	1
25.0 to 99.9 acres	22	9	4	2	7	6
100.0 acres or more	–	–	–	–	–	–
Apples ..... farms	550	57	69	89	335	9
total acres	1 496	371	269	258	598	134
pounds	5 479 090	2 495 300	1 245 750	1 012 959	725 081	810 334

[1]1978 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): 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)
FARMS AND LAND IN FARMS									
Farms	number	13 696	1 126	2 072	–	–	2 072	189	613
	percent	100.0	8.2	15.1	–	–	15.1	1.3	4.4
Land in farms	acres	8 983 213	664 655	446 193	–	–	446 193	21 346	40 470
Average size of farm	acres	656	590	215	–	–	215	113	66
Value of land and buildings[1]	farms	13 696	1 205	1 999	–	–	1 999	222	566
	$1,000	3 954 770	398 674	497 856	–	–	497 856	56 048	114 956
Average per farm	dollars	288 753	330 850	249 052	–	–	249 052	252 468	203 102
Average per acre	dollars	440	582	1 078	–	–	1 078	2 423	3 248
Farms by value of land and buildings:									
$1 to $19,999		741	46	105	–	–	105	6	43
$20,000 to $39,999		1 133	110	246	–	–	246	31	46
$40,000 to $69,999		2 005	191	316	–	–	316	20	79
$70,000 to $99,999		1 562	97	227	–	–	227	52	127
$100,000 to $149,999		1 877	141	252	–	–	252	29	63
$150,000 to $199,999		1 318	169	158	–	–	158	13	72
$200,000 to $499,999		3 314	288	448	–	–	448	43	90
$500,000 to $999,999		1 081	96	154	–	–	154	21	30
$1,000,000 or more		665	67	93	–	–	93	7	16
Owned and rented land by operator:									
Land owned	farms	12 949	1 025	1 935	–	–	1 935	161	575
	acres	6 507 815	481 034	395 026	–	–	395 026	7 960	37 923
Land rented or leased from others	farms	4 901	438	636	–	–	636	103	105
	acres	2 752 597	198 639	94 580	–	–	94 580	13 726	5 843
Land rented or leased to others	farms	1 064	103	186	–	–	186	19	58
	acres	277 199	15 018	43 413	–	–	43 413	340	3 296
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	12 588	1 126	2 072	–	–	2 072	189	613
	acres	2 005 540	414 676	270 666	–	–	270 666	10 658	19 518
Harvested cropland	farms	11 584	1 126	2 072	–	–	2 072	189	613
	acres	1 157 643	237 326	193 391	–	–	193 391	8 619	14 787
Farms by acres harvested:									
1 to 49 acres		6 572	507	1 198	–	–	1 198	135	571
50 to 99 acres		2 014	174	383	–	–	383	32	26
100 to 199 acres		1 564	152	249	–	–	249	15	8
200 to 499 acres		1 067	165	177	–	–	177	7	6
500 to 999 acres		244	69	47	–	–	47	–	1
1,000 to 1,999 acres		103	52	16	–	–	16	–	–
2,000 acres or more		20	7	2	–	–	2	–	1
Cropland:									
Pasture or grazing only	farms	6 103	270	633	–	–	633	46	122
	acres	479 934	25 845	33 548	–	–	33 548	1 243	1 560
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	509	83	100	–	–	100	7	15
	acres	22 264	5 671	4 970	–	–	4 970	97	199
On which all crops failed	farms	672	87	119	–	–	119	10	16
	acres	25 118	7 141	3 691	–	–	3 691	62	108
In cultivated summer fallow	farms	1 410	401	218	–	–	218	8	21
	acres	224 777	121 863	14 480	–	–	14 480	181	257
Idle	farms	1 851	222	371	–	–	371	25	79
	acres	95 804	16 830	20 586	–	–	20 586	456	2 607
Total woodland	farms	505	69	65	–	–	65	6	13
	acres	215 523	20 727	4 483	–	–	4 483	79	976
Woodland pastured	farms	309	18	23	–	–	23	4	3
	acres	167 831	6 252	1 783	–	–	1 783	55	150
Woodland not pastured	farms	238	57	44	–	–	44	4	10
	acres	47 692	14 475	2 700	–	–	2 700	24	826
Pastureland and rangeland other than cropland and woodland pastured	farms	4 498	287	422	–	–	422	19	56
	acres	6 538 424	209 135	142 794	–	–	142 794	10 130	16 995
Land in house lots, ponds, roads, wasteland, etc.	farms	7 238	597	992	–	–	992	83	292
	acres	223 726	20 117	28 250	–	–	28 250	479	2 981
Pastureland, all types	farms	9 164	505	941	–	–	941	62	172
	acres	7 186 189	241 232	178 125	–	–	178 125	11 428	18 705
Irrigated land	farms	11 578	796	1 962	–	–	1 962	189	583
	acres	1 158 911	60 365	194 408	–	–	194 408	9 270	15 530
Harvested cropland irrigated	farms	10 669	779	1 956	–	–	1 956	189	583
	acres	833 715	55 220	172 920	–	–	172 920	8 376	14 171
Pastureland irrigated	farms	5 044	162	428	–	–	428	40	72
	acres	307 006	3 830	16 449	–	–	16 449	665	862
Other land irrigated	farms	734	74	164	–	–	164	11	23
	acres	18 190	1 315	5 039	–	–	5 039	229	497
Land set aside in the federal farm programs in 1978	farms	1 352	279	229	–	–	229	12	1
	acres	49 876	21 848	5 258	–	–	5 258	(D)	(D)
RACE AND TENURE OF OPERATOR									
All operators	number	13 696	1 126	2 072	–	–	2 072	189	613
Full owners	number	8 828	689	1 436	–	–	1 436	86	508
Part owners	number	4 097	332	493	–	–	493	73	66
Tenants	number	771	105	143	–	–	143	30	39
White	number	13 559	1 118	2 051	–	–	2 051	149	604
Full owners	number	8 766	688	1 427	–	–	1 427	73	501
Part owners	number	4 039	328	485	–	–	485	51	65
Tenants	number	754	102	139	–	–	139	25	38
Black and other races	number	137	8	21	–	–	21	40	9
Full owners	number	62	1	9	–	–	9	13	7
Part owners	number	58	4	8	–	–	8	22	1
Tenants	number	17	3	4	–	–	4	5	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): Total	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 (029)
FARMS AND LAND IN FARMS									
Farms	number	154	554	6 885	4 521	1 094	153	676	180
	percent	1.1	4.0	50.2	33.0	7.9	1.1	4.9	1.3
Land in farms	acres	4 126	142 237	7 179 718	4 221 909	323 923	41 239	68 080	51 226
Average size of farm	acres	27	257	1 043	934	296	270	101	285
Value of land and buildings[1]	farms	156	466	6 917	4 695	1 072	168	752	173
	$1,000	37 467	149 352	2 079 080	1 290 024	431 527	32 045	104 523	53 240
Average per farm	dollars	240 175	320 498	300 575	274 765	402 543	190 746	138 993	307 745
Average per acre	dollars	11 457	1 333	289	302	1 375	730	1 441	1 133
Farms by value of land and buildings:									
$1 to $19,999		17	6	396	201	14	5	87	16
$20,000 to $39,999		12	15	545	332	33	11	84	–
$40,000 to $69,999		27	61	1 049	715	60	36	146	20
$70,000 to $99,999		19	58	741	523	110	36	80	15
$100,000 to $149,999		36	34	1 015	732	121	24	124	38
$150,000 to $199,999		9	59	658	413	87	12	75	6
$200,000 to $499,999		23	164	1 656	1 179	394	25	129	54
$500,000 to $999,999		3	34	533	416	161	16	24	9
$1,000,000 or more		10	35	324	184	92	3	3	15
Owned and rented land by operator:									
Land owned	farms	144	504	6 586	4 334	1 055	143	644	177
	acres	3 496	113 734	5 089 007	3 067 731	237 629	28 616	57 649	55 741
Land rented or leased from others	farms	29	243	2 472	1 594	611	46	164	54
	acres	1 144	33 790	2 275 442	1 259 455	90 130	12 980	15 206	11 117
Land rented or leased to others	farms	7	59	526	355	38	8	42	18
	acres	514	5 287	184 731	105 277	3 836	357	4 775	15 632
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	154	554	6 187	4 107	1 026	96	411	160
	acres	3 062	70 925	960 712	689 956	194 578	14 683	20 323	25 739
Harvested cropland	farms	154	542	5 457	3 626	992	75	249	115
	acres	1 610	53 952	481 571	322 424	141 699	7 710	5 807	11 171
Farms by acres harvested:									
1 to 49 acres		147	303	3 176	2 055	196	43	225	71
50 to 99 acres		4	90	1 010	715	250	12	14	19
100 to 199 acres		1	76	693	470	339	9	7	15
200 to 499 acres		2	58	463	306	174	8	2	5
500 to 999 acres		–	12	77	55	32	2	1	3
1,000 to 1,999 acres		–	2	29	21	1	1	–	2
2,000 acres or more		–	1	9	4	–	–	–	–
Cropland:									
Pasture or grazing only	farms	19	220	3 815	2 556	569	47	261	101
	acres	213	8 326	343 244	256 010	39 642	3 564	13 169	9 580
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	6	23	204	143	55	9	6	1
	acres	(D)	995	8 642	7 570	1 389	81	73	(D)
On which all crops failed	farms	1	49	300	199	57	5	7	21
	acres	(D)	1 388	10 829	7 707	1 378	55	102	(D)
In cultivated summer fallow	farms	4	56	533	359	126	11	17	15
	acres	22	3 555	75 424	64 144	5 280	1 784	341	1 590
Idle	farms	19	95	803	539	144	18	51	24
	acres	1 027	2 709	41 002	32 101	5 190	1 489	831	3 077
Total woodland	farms	–	16	275	200	28	3	21	9
	acres	–	1 458	179 118	95 484	4 186	894	2 774	828
Woodland pastured	farms	–	7	220	161	17	1	12	4
	acres	–	931	153 457	72 981	2 748	(D)	1 719	(D)
Woodland not pastured	farms	–	9	82	59	11	2	14	5
	acres	–	527	25 661	22 503	1 438	(D)	1 055	(D)
Pastureland and rangeland other than cropland and woodland pastured	farms	8	130	2 975	2 100	382	47	123	49
	acres	609	62 494	5 896 311	3 329 026	112 640	(D)	42 604	(D)
Land in house lots, ponds, roads, wasteland, etc.	farms	63	308	3 594	2 274	632	97	475	105
	acres	455	7 360	143 577	107 443	12 519	4 440	2 379	1 169
Pastureland, all types	farms	27	314	5 733	3 908	840	87	353	130
	acres	822	71 751	6 393 012	3 658 017	155 030	25 441	57 492	33 151
Irrigated land	farms	109	523	5 829	3 861	1 021	73	365	128
	acres	2 138	50 118	647 092	450 111	154 344	6 270	8 312	11 064
Harvested cropland irrigated	farms	109	518	5 154	3 408	969	64	237	111
	acres	1 525	45 623	392 960	257 369	125 465	4 336	4 591	8 528
Pastureland irrigated	farms	17	136	3 345	2 258	513	27	238	66
	acres	(D)	2 822	246 653	188 671	27 563	(D)	3 658	2 452
Other land irrigated	farms	9	46	315	181	65	2	12	13
	acres	(D)	1 673	7 479	4 071	1 316	(D)	63	84
Land set aside in the federal farm programs in 1978	farms	1	71	558	345	177	6	5	13
	acres	(D)	1 899	15 137	10 375	4 193	581	131	610
RACE AND TENURE OF OPERATOR									
All operators	number	154	554	6 885	4 521	1 094	153	676	180
Full owners	number	125	314	4 439	2 943	484	107	513	127
Part owners	number	19	190	2 140	1 388	570	36	128	50
Tenants	number	10	50	306	190	40	10	35	3
White	number	153	539	6 853	4 504	1 085	153	674	180
Full owners	number	124	311	4 417	2 931	479	107	512	127
Part owners	number	19	181	2 131	1 383	566	36	127	50
Tenants	number	10	47	305	190	40	10	35	3
Black and other races	number	1	15	32	17	9	–	2	–
Full owners	number	1	3	22	12	5	–	1	–
Part owners	number	–	9	9	5	4	–	1	–
Tenants	number	–	3	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): 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)
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	11 633	942	1 762	–	–	1 762	159	527
acres	4 956 822	459 898	307 453	–	–	307 453	7 162	15 668
Partnership ... farms	1 423	127	201	–	–	201	24	57
acres	2 043 247	149 169	60 858	–	–	60 858	2 913	3 497
Corporations:								
Family held ... farms	441	24	69	–	–	69	3	17
acres	1 800 201	33 931	63 437	–	–	63 437	733	(D)
More than 10 stockholders ... farms	20	1	8	–	–	8	–	–
10 or less stockholders ... farms	421	23	61	–	–	61	3	17
Other than family held ... farms	38	1	6	–	–	6	1	2
acres	80 129	(D)	11 265	–	–	11 265	(D)	(D)
More than 10 stockholders ... farms	6	–	2	–	–	2	–	–
10 or less stockholders ... farms	32	1	4	–	–	4	1	2
Other—cooperative, estate or trust, etc. ... farms	161	32	34	–	–	34	2	10
acres	102 814	(D)	3 180	–	–	3 180	(D)	1 341
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	8 857	609	1 176	–	–	1 176	138	415
Not on farm operated	3 537	381	694	–	–	694	38	150
Operators by age group:								
Under 25 years	266	28	49	–	–	49	–	10
25 to 34 years	1 393	124	224	–	–	224	20	60
35 to 44 years	2 731	219	423	–	–	423	22	96
45 to 54 years	3 609	290	503	–	–	503	62	180
55 to 64 years	3 192	263	477	–	–	477	54	137
65 years and over	2 505	202	396	–	–	396	31	130
Average age	51.3	51.0	51.0	–	–	51.0	52.3	52.4
Operators by sex:								
Male	13 322	1 086	2 012	–	–	2 012	183	596
Female	374	40	60	–	–	60	6	17
Operators of Spanish origin	50	3	10	–	–	10	1	3
Operators by principal occupation:								
Farming	6 097	475	816	–	–	816	92	185
Other	7 599	651	1 256	–	–	1 256	97	428
Operators reporting days of work off farm:								
None	4 396	296	564	–	–	564	69	147
1 to 99 days	1 268	123	216	–	–	216	18	47
100 to 199 days	1 472	134	274	–	–	274	22	53
200 days or more	6 034	520	942	–	–	942	72	351
FARMS BY SIZE								
1 to 9 acres	1 841	16	87	–	–	87	53	290
10 to 49 acres	3 562	333	731	–	–	731	66	220
50 to 69 acres	909	93	199	–	–	199	13	29
70 to 99 acres	1 042	92	219	–	–	219	21	25
100 to 139 acres	958	65	165	–	–	165	13	19
140 to 179 acres	791	65	118	–	–	118	8	6
180 to 219 acres	503	41	79	–	–	79	4	5
220 to 259 acres	418	28	75	–	–	75	3	2
260 to 499 acres	1 388	100	214	–	–	214	6	9
500 to 999 acres	937	99	108	–	–	108	1	4
1,000 to 1,999 acres	597	101	50	–	–	50	–	3
2,000 acres or more	750	93	27	–	–	27	1	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	1 126	1 126	–	–	–	–	–	–
Field crop, except cash grain farms (013)	2 072	–	2 072	–	–	2 072	–	–
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	2 072	–	2 072	–	–	2 072	–	–
Vegetable and melon farms (016)	189	–	–	–	–	–	189	–
Fruit and tree nut farms (017)	613	–	–	–	–	–	–	613
Horticultural specialty farms (018)	154	–	–	–	–	–	–	–
General farms, primarily crop (019)	554	–	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)	6 885	–	–	–	–	–	–	–
Beef cattle farms, except feedlots (0212)	4 521	–	–	–	–	–	–	–
Dairy farms (024)	1 094	–	–	–	–	–	–	–
Poultry and egg farms (025)	153	–	–	–	–	–	–	–
Animal specialty farms (027)	676	–	–	–	–	–	–	–
General farms, primarily livestock (029)	180	–	–	–	–	–	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	13 696	1 126	2 072	–	–	2 072	189	613
$1,000	461 313	18 300	34 924	–	–	34 924	5 879	9 919
Farms by value of agricultural products sold:								
$500,000 or more	87	–	4	–	–	4	1	3
$200,000 to $499,999	280	7	19	–	–	19	3	6
$100,000 to $199,999	594	23	35	–	–	35	9	8
$40,000 to $99,999	1 442	72	112	–	–	112	27	27
$20,000 to $39,999	1 437	136	199	–	–	199	18	46
$10,000 to $19,999	1 779	175	271	–	–	271	30	60
$5,000 to $9,999	2 003	218	339	–	–	339	33	66
$2,500 to $4,999	2 126	216	375	–	–	375	26	71
Less than $2,500	3 948	279	718	–	–	718	42	326

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	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 (029)
FARMS BY TYPE OF ORGANIZATION								
Individual or family ... farms	106	487	5 937	3 890	836	114	617	146
acres	2 210	110 171	3 730 678	2 256 790	217 819	27 726	49 062	28 975
Partnership ... farms	19	44	679	457	189	10	42	31
acres	426	17 294	1 693 531	922 462	78 579	6 720	9 426	20 834
Corporations:								
Family held ... farms	26	11	197	130	54	24	14	2
acres	1 355	10 989	1 644 557	962 825	24 096	6 360	9 457	(D)
More than 10 stockholders ... farms	–	–	9	7	2	–	–	–
10 or less stockholders ... farms	26	11	188	123	52	24	14	2
Other than family held ... farms	3	–	21	12	2	–	2	–
acres	135	–	49 047	25 151	(D)	–	(D)	–
More than 10 stockholders ... farms	1	–	3	2	–	–	–	–
10 or less stockholders ... farms	2	–	18	10	2	–	2	–
Other—cooperative, estate or trust, etc. ... farms	–	12	51	32	13	5	1	1
acres	–	3 783	61 905	54 681	(D)	433	(D)	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	101	379	4 450	2 842	908	74	484	123
Not on farm operated	38	136	1 758	1 222	105	66	126	45
Operators by age group:								
Under 25 years	1	10	123	72	15	3	24	3
25 to 34 years	20	60	614	374	128	30	87	26
35 to 44 years	43	129	1 310	845	228	45	172	44
45 to 54 years	37	140	1 795	1 184	315	31	212	44
55 to 64 years	24	129	1 639	1 098	279	31	118	41
65 years and over	29	86	1 404	948	129	13	63	22
Average age	49.2	50.1	52.2	52.5	49.6	46.2	47.0	48.4
Operators by sex:								
Male	147	531	6 719	4 410	1 075	146	655	172
Female	7	23	166	111	19	7	21	8
Operators of Spanish origin	–	2	23	14	3	2	3	–
Operators by principal occupation:								
Farming	70	241	2 960	1 934	925	90	174	69
Other	84	313	3 925	2 587	169	63	502	111
Operators reporting days of work off farm:								
None	71	169	2 111	1 388	706	72	145	46
1 to 99 days	8	53	620	404	108	15	44	16
100 to 199 days	14	76	713	445	86	14	67	19
200 days or more	52	239	3 168	2 116	143	46	406	95
FARMS BY SIZE								
1 to 9 acres	103	27	781	396	78	37	343	26
10 to 49 acres	32	182	1 595	940	93	37	228	45
50 to 69 acres	9	52	417	273	49	9	35	4
70 to 99 acres	–	62	486	324	92	15	20	10
100 to 139 acres	2	52	456	305	144	9	14	19
140 to 179 acres	1	43	371	270	133	9	12	25
180 to 219 acres	1	19	259	188	80	5	2	8
220 to 259 acres	2	24	194	138	85	2	1	2
260 to 499 acres	4	45	772	578	190	16	9	23
500 to 999 acres	–	23	587	450	101	5	3	6
1,000 to 1,999 acres	–	16	380	284	33	5	2	7
2,000 acres or more	–	9	587	375	16	4	7	5
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)	154	–	–	–	–	–	–	–
General farms, primarily crop (019)	–	554	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)	–	–	6 885	4 521	–	–	–	–
Beef cattle farms, except feedlots (0212)	–	–	4 521	4 521	–	–	–	–
Dairy farms (024)	–	–	–	–	1 094	–	–	–
Poultry and egg farms (025)	–	–	–	–	–	153	–	–
Animal specialty farms (027)	–	–	–	–	–	–	676	–
General farms, primarily livestock (029)	–	–	–	–	–	–	–	180
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ... farms	154	554	6 885	4 521	1 094	153	676	180
$1,000	14 309	10 105	192 696	90 852	101 567	54 975	14 476	4 164
Farms by value of agricultural products sold:								
$500,000 or more	5	1	34	13	12	25	1	1
$200,000 to $499,999	9	3	95	30	77	49	7	5
$100,000 to $199,999	12	12	193	99	244	24	27	7
$40,000 to $99,999	15	53	604	363	441	15	65	11
$20,000 to $39,999	22	64	695	504	180	7	58	12
$10,000 to $19,999	25	82	1 002	724	69	4	50	11
$5,000 to $9,999	23	60	1 113	814	31	2	90	28
$2,500 to $4,999	19	32	1 244	848	5	5	122	11
Less than $2,500	24	247	1 905	1 126	35	22	256	94

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)		
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... farms	3 696	1 121	778	–	–	778	59	14
$1,000	28 169	14 612	3 930	–	–	3 930	398	167
Sales of $40,000 or more ... farms	117	84	10	–	–	10	1	1
$1,000	9 948	6 980	874	–	–	874	(D)	(D)
Commodity Credit Corporation loans ... farms	360	125	85	–	–	85	8	1
$1,000	1 503	814	264	–	–	264	(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	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... farms	3 869	395	2 023	–	–	2 023	47	45
$1,000	32 331	1 627	21 829	–	–	21 829	188	80
Sales of $40,000 or more ... farms	142	3	106	–	–	106	1	–
$1,000	12 802	232	9 799	–	–	9 799	(D)	–
Vegetables, sweet corn, and melons ... farms	512	15	67	–	–	67	189	37
$1,000	7 019	43	339	–	–	339	4 925	87
Sales of $40,000 or more ... farms	41	–	2	–	–	2	33	–
$1,000	4 119	–	(D)	–	–	(D)	3 616	–
Fruits, nuts, and berries ... farms	673	5	24	–	–	24	14	478
$1,000	9 394	2	12	–	–	12	62	9 092
Sales of $40,000 or more ... farms	44	–	–	–	–	–	–	44
$1,000	6 200	–	–	–	–	–	–	6 200
Nursery and greenhouse products ... farms	177	1	1	–	–	1	4	7
$1,000	14 231	(D)	(D)	–	–	(D)	26	41
Sales of $40,000 or more ... farms	40	–	–	–	–	–	–	–
$1,000	12 873	–	–	–	–	–	–	–
Other crops ... farms	381	31	108	–	–	108	22	7
$1,000	10 445	245	6 646	–	–	6 646	162	4
Sales of $40,000 or more ... farms	48	2	30	–	–	30	–	–
$1,000	7 143	(D)	5 700	–	–	5 700	–	–
Poultry and poultry products ... farms	467	16	43	–	–	43	10	30
$1,000	53 874	4	11	–	–	11	1	4
Sales of $40,000 or more ... farms	115	–	–	–	–	–	–	–
$1,000	53 475	–	–	–	–	–	–	–
Dairy products ... farms	1 312	7	20	–	–	20	1	6
$1,000	89 443	1	153	–	–	153	(D)	(D)
Sales of $40,000 or more ... farms	728	–	1	–	–	1	–	–
$1,000	80 495	–	(D)	–	–	(D)	–	–
Cattle and calves ... farms	8 097	250	334	–	–	334	25	58
$1,000	165 919	1 282	1 567	–	–	1 567	102	392
Sales of $40,000 or more ... farms	707	4	2	–	–	2	–	1
$1,000	110 260	220	(D)	–	–	(D)	–	(D)
Hogs and pigs ... farms	1 110	42	77	–	–	77	5	10
$1,000	4 879	71	143	–	–	143	8	5
Sales of $40,000 or more ... farms	27	–	1	–	–	1	–	–
$1,000	2 185	–	(D)	–	–	(D)	–	–
Sheep, lambs, and wool ... farms	2 164	81	118	–	–	118	7	16
$1,000	30 775	377	214	–	–	214	4	9
Sales of $40,000 or more ... farms	191	4	–	–	–	–	–	–
$1,000	23 218	216	–	–	–	–	–	–
Other livestock and livestock products (see text) ... farms	1 508	46	80	–	–	80	6	23
$1,000	14 835	29	75	–	–	75	2	16
Sales of $40,000 or more ... farms	105	–	–	–	–	–	–	–
$1,000	10 461	–	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... farms	5 841	233	345	–	–	345	29	143
$1,000	74 355	695	739	–	–	739	17	174
Farms with expenses of—								
$1 to $4,999	4 385	209	321	–	–	321	29	142
$5,000 to $19,999	837	16	17	–	–	17	–	–
$20,000 to $49,999	374	6	3	–	–	3	–	–
$50,000 or more	245	2	4	–	–	4	–	1
Feed for livestock and poultry ... farms	8 956	381	428	–	–	428	62	171
$1,000	101 111	461	329	–	–	329	33	74
Farms with expenses of—								
$1 to $4,999	6 765	362	416	–	–	416	62	171
$5,000 to $19,999	1 256	18	12	–	–	12	–	–
$20,000 to $49,999	560	1	–	–	–	–	–	–
$50,000 or more	375	–	–	–	–	–	–	–
Commercially mixed formula feeds ... farms	3 308	63	116	–	–	116	13	42
tons	392 147	283	398	–	–	398	49	114
$1,000	55 673	42	71	–	–	71	9	30
Farms by tons purchased:								
1 to 99 tons	2 708	63	116	–	–	116	13	42
100 to 499 tons	450	–	–	–	–	–	–	–
500 tons or more	150	–	–	–	–	–	–	–
Farms with expenses of—								
$1 to $4,999	2 268	61	115	–	–	115	13	42
$5,000 to $19,999	628	2	1	–	–	1	–	–
$20,000 to $49,999	218	–	–	–	–	–	–	–
$50,000 or more	194	–	–	–	–	–	–	–

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)				
VALUE OF PRODUCTS SOLD—Con.								
Market value of agricultural products sold—Con.								
Grain ... forms	9	307	1 125	674	194	22	19	48
$1,000	10	2 737	4 893	3 049	934	169	40	277
Sales of $40,000 or more ... forms	–	9	8	6	2	1	–	1
$1,000	–	788	892	577	(D)	(D)	–	(D)
Commodity Credit Corporation loans ... forms	–	26	90	56	19	–	–	6
$1,000	–	103	259	196	46	–	–	11
Cotton and cottonseed ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Commodity Credit Corporation loans ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Field seeds, hay, forage, and silage ... forms	11	294	849	539	77	24	45	59
$1,000	32	2 232	4 682	2 694	937	135	96	492
Sales of $40,000 or more ... forms	–	7	19	11	4	–	–	2
$1,000	–	426	1 631	798	404	–	–	(D)
Vegetables, sweet corn, and melons ... forms	3	91	84	38	19	3	2	2
$1,000	146	775	565	249	135	(Z)	(D)	(D)
Sales of $40,000 or more ... forms	1	1	4	1	–	–	–	–
$1,000	(D)	(D)	192	(D)	–	–	–	–
Fruits, nuts, and berries ... forms	8	19	101	70	10	2	8	4
$1,000	4	76	102	65	39	(D)	(D)	2
Sales of $40,000 or more ... forms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Nursery and greenhouse products ... forms	154	5	1	–	2	–	1	1
$1,000	14 104	23	(D)	–	(D)	–	(D)	(D)
Sales of $40,000 or more ... forms	40	–	–	–	–	–	–	–
$1,000	12 873	–	–	–	–	–	–	–
Other crops ... forms	1	97	67	30	35	2	1	10
$1,000	(D)	1 800	852	391	358	(D)	(D)	365
Sales of $40,000 or more ... forms	–	9	3	3	1	–	–	3
$1,000	–	835	171	171	(D)	–	–	(D)
Poultry and poultry products ... forms	1	13	149	60	12	149	21	23
$1,000	(D)	(D)	41	27	6	53 662	6	139
Sales of $40,000 or more ... forms	–	–	–	–	–	113	–	2
$1,000	–	–	–	–	–	(D)	–	(D)
Dairy products ... forms	3	6	112	67	1 094	1	4	58
$1,000	2	339	1 204	700	86 005	(D)	309	1 405
Sales of $40,000 or more ... forms	–	1	7	4	704	–	2	13
$1,000	–	(D)	651	296	78 151	–	(D)	1 066
Cattle and calves ... forms	5	217	5 938	4 502	1 077	36	66	91
$1,000	6	1 797	146 126	80 447	12 692	675	237	1 042
Sales of $40,000 or more ... forms	–	4	637	447	48	4	1	6
$1,000	–	349	104 828	47 302	3 544	326	(D)	489
Hogs and pigs ... forms	2	30	846	279	60	8	11	19
$1,000	(D)	76	4 373	408	120	(D)	17	37
Sales of $40,000 or more ... forms	–	–	26	1	–	–	–	–
$1,000	–	–	(D)	(D)	–	–	–	–
Sheep, lambs, and wool ... forms	2	50	1 753	545	39	24	62	12
$1,000	(D)	223	29 346	2 471	240	288	53	(D)
Sales of $40,000 or more ... forms	–	1	183	6	1	2	–	–
$1,000	–	(D)	22 773	1 284	(D)	(D)	–	–
Other livestock and livestock products (see text) ... forms	4	29	534	353	34	5	676	71
$1,000	1	27	510	352	78	2	13 716	380
Sales of $40,000 or more ... forms	–	–	–	–	1	–	100	4
$1,000	–	–	–	–	(D)	–	10 154	(D)
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased ... forms	13	223	3 874	2 464	405	168	315	93
$1,000	2	884	59 255	22 838	4 402	6 365	1 522	300
Farms with expenses of—								
$1 to $4,999	13	199	2 838	1 810	244	57	254	79
$5,000 to $19,999	–	18	599	427	94	41	40	12
$20,000 to $49,999	–	2	253	136	50	46	14	–
$50,000 or more	–	4	184	91	17	24	7	2
Feed for livestock and poultry ... forms	21	239	5 620	3 697	1 061	167	668	138
$1,000	20	364	34 847	12 670	28 641	30 577	5 129	636
Farms with expenses of—								
$1 to $4,999	21	223	4 622	3 123	222	37	511	118
$5,000 to $19,999	–	12	718	458	393	17	73	13
$20,000 to $49,999	–	3	178	88	297	11	66	4
$50,000 or more	–	1	102	28	149	102	18	3
Commercially mixed formula feeds ... forms	5	79	1 477	819	1 056	161	224	72
tons	2	776	57 545	13 588	123 218	196 679	9 901	3 182
$1,000	(Z)	136	6 736	1 777	16 090	30 503	1 681	374
Farms by tons purchased:								
1 to 99 tons	5	79	1 406	796	680	42	198	64
100 to 499 tons	–	–	52	22	340	26	25	7
500 tons or more	–	–	19	1	36	93	1	1
Farms with expenses of—								
$1 to $4,999	5	69	1 294	723	408	32	174	55
$5,000 to $19,999	–	10	128	81	429	16	29	13
$20,000 to $49,999	–	–	39	13	151	12	14	2
$50,000 or more	–	–	16	2	68	101	7	2

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	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 EXPENSES[1]—Con.								
Animal health costs ... farms	8 393	284	461	–	–	461	55	82
$1,000	3 663	49	65	–	–	65	3	6
Farms with expenses of—								
$1 to $499	6 694	273	444	–	–	444	55	81
$500 to $999	851	2	15	–	–	15	–	1
$1,000 to $2,999	648	9	2	–	–	2	–	–
$3,000 or more	200	–	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ... farms	6 333	692	1 046	–	–	1 046	202	229
$1,000	7 071	594	1 357	–	–	1 357	265	267
Farms with expenses of—								
$1 to $999	4 837	527	834	–	–	834	156	186
$1,000 to $4,999	1 315	156	172	–	–	172	34	33
$5,000 to $9,999	117	5	28	–	–	28	8	5
$10,000 or more	64	4	12	–	–	12	4	5
Commercial fertilizer ... farms	6 584	728	1 034	–	–	1 034	163	294
$1,000	11 753	1 758	2 541	–	–	2 541	307	245
Farms with expenses of—								
$1 to $2,499	5 449	605	841	–	–	841	125	280
$2,500 to $9,999	963	95	150	–	–	150	35	11
$10,000 to $19,999	112	12	22	–	–	22	2	2
$20,000 or more	60	16	21	–	–	21	1	1
Other agricultural chemicals including lime ... farms	6 538	710	943	–	–	943	187	448
$1,000	4 581	541	1 054	–	–	1 054	213	262
Farms with expenses of—								
$1 to $2,499	6 149	679	827	–	–	827	157	431
$2,500 to $9,999	334	19	102	–	–	102	27	14
$10,000 to $19,999	39	9	11	–	–	11	3	3
$20,000 or more	16	3	3	–	–	3	–	–
Energy and petroleum products ... farms	13 587	1 178	1 978	–	–	1 978	222	560
$1,000	31 412	2 316	4 531	–	–	4 531	333	742
Farms with expenses of—								
$1 to $2,499	10 412	963	1 602	–	–	1 602	178	507
$2,500 to $9,999	2 652	194	284	–	–	284	41	46
$10,000 to $19,999	346	8	62	–	–	62	3	3
$20,000 or more	177	13	30	–	–	30	–	4
Petroleum products ... farms	13 568	1 169	1 974	–	–	1 974	222	560
$1,000	22 432	1 788	2 642	–	–	2 642	280	467
Gasoline ... farms	13 088	1 083	1 868	–	–	1 868	222	550
$1,000	12 860	841	1 421	–	–	1 421	174	266
Diesel fuel ... farms	7 654	858	1 229	–	–	1 229	127	191
$1,000	6 022	752	881	–	–	881	63	106
LP gas, butane, and propane ... farms	1 648	125	259	–	–	259	28	26
$1,000	923	32	121	–	–	121	13	24
Fuel oil ... farms	931	61	153	–	–	153	44	44
$1,000	339	18	35	–	–	35	8	15
Natural gas ... farms	622	59	41	–	–	41	9	31
$1,000	724	13	7	–	–	7	4	15
Kerosene, motor oil, and grease ... farms	13 558	1 166	1 974	–	–	1 974	222	555
$1,000	1 564	132	177	–	–	177	18	40
Electricity ... farms	7 426	581	899	–	–	899	128	257
$1,000	8 675	522	1 866	–	–	1 866	50	274
Other—coal, wood, coke, etc. ... farms	984	23	123	–	–	123	30	7
$1,000	305	5	23	–	–	23	3	1
Hired farm labor ... farms	6 379	531	748	–	–	748	145	250
$1,000	34 067	1 347	2 641	–	–	2 641	641	1 896
Farms with expenses of—								
$1 to $4,999	5 037	470	644	–	–	644	120	190
$5,000 to $19,999	956	50	74	–	–	74	19	40
$20,000 to $49,999	291	8	24	–	–	24	2	13
$50,000 or more	95	3	6	–	–	6	4	7
Workers by number of days worked:								
150 days or more ... farms	2 151	90	176	–	–	176	32	84
workers	5 488	167	320	–	–	320	132	195
Less than 150 days ... farms	5 612	500	667	–	–	667	134	222
workers	23 845	1 270	2 684	–	–	2 684	1 117	2 884
Contract labor ... farms	1 325	70	198	–	–	198	56	118
$1,000	3 031	80	489	–	–	489	274	431
Farms with expenses of—								
$1 to $2,499	1 047	64	150	–	–	150	33	96
$2,500 to $9,999	231	5	41	–	–	41	21	16
$10,000 to $19,999	33	–	6	–	–	6	1	2
$20,000 or more	14	1	1	–	–	1	1	4
Customwork, machine hire, and rental of machinery and equipment ... farms	6 727	827	1 224	–	–	1 224	92	167
$1,000	6 217	1 088	1 381	–	–	1 381	160	105
Farms with expenses of—								
$1 to $2,499	6 168	690	1 105	–	–	1 105	87	156
$2,500 to $9,999	511	133	95	–	–	95	3	10
$10,000 to $19,999	38	4	17	–	–	17	1	1
$20,000 or more	10	–	7	–	–	7	1	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	1 181	158	232	–	–	232	20	29
$1,000	2 595	404	611	–	–	611	64	24
Value of agricultural products sold directly to individuals for human consumption ... farms	1 263	39	87	–	–	87	67	269
$1,000	3 488	56	61	–	–	61	176	1 033

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	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 (029)
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs ... farms	20	231	5 327	3 574	1 043	154	608	128
$1,000	2	72	1 713	1 000	1 279	195	231	47
Forms with expenses of—								
$1 to $499	20	207	4 555	3 074	414	83	449	113
$500 to $999	–	7	424	291	273	26	101	2
$1,000 to $2,999	–	11	289	177	252	24	51	10
$3,000 or more	–	6	59	32	104	21	7	3
Seeds, bulbs, plants, and trees ... farms	104	305	2 736	1 803	759	42	138	80
$1,000	1 368	339	1 789	1 079	960	28	48	57
Forms with expenses of—								
$1 to $999	45	216	2 247	1 520	398	32	131	65
$1,000 to $4,999	25	81	447	263	340	10	5	12
$5,000 to $9,999	9	4	36	16	17	–	2	3
$10,000 or more	25	4	6	4	4	–	–	–
Commercial fertilizer ... farms	101	310	2 958	1 909	700	30	183	83
$1,000	351	738	4 047	2 407	1 516	27	48	177
Forms with expenses of—								
$1 to $2,499	83	214	2 507	1 646	513	26	182	73
$2,500 to $9,999	13	83	401	238	164	4	1	6
$10,000 to $19,999	2	10	40	23	20	–	–	2
$20,000 or more	3	3	10	2	3	–	–	2
Other agricultural chemicals including lime ... farms	101	308	2 805	1 759	691	73	200	72
$1,000	105	244	1 587	920	448	58	21	46
Forms with expenses of—								
$1 to $2,499	93	283	2 678	1 683	664	68	200	69
$2,500 to $9,999	4	24	113	68	25	4	–	2
$10,000 to $19,999	3	–	8	6	1	–	–	1
$20,000 or more	1	1	6	2	1	1	–	–
Energy and petroleum products ... farms	152	461	6 877	4 669	1 072	168	746	173
$1,000	1 471	928	13 318	8 579	5 588	1 065	669	451
Forms with expenses of—								
$1 to $2,499	73	363	5 453	3 768	385	75	686	127
$2,500 to $9,999	50	87	1 216	779	576	68	56	34
$10,000 to $19,999	11	7	153	92	73	14	4	8
$20,000 or more	18	4	55	30	38	11	–	4
Petroleum products ... farms	152	461	6 871	4 664	1 072	168	746	173
$1,000	962	661	10 314	6 710	3 747	766	499	306
Gasoline ... farms	133	446	6 678	4 533	1 051	166	726	165
$1,000	225	375	6 702	4 318	1 942	376	361	179
Diesel fuel ... farms	63	270	3 620	2 456	879	82	219	116
$1,000	171	217	2 456	1 648	1 175	55	59	87
LP gas, butane, and propane ... farms	12	32	631	408	321	106	94	14
$1,000	45	10	220	143	200	233	10	15
Fuel oil ... farms	29	31	391	263	124	5	32	17
$1,000	55	7	144	89	49	2	4	2
Natural gas ... farms	60	7	137	83	198	20	56	4
$1,000	424	1	60	30	112	66	18	3
Kerosene, motor oil, and grease ... farms	152	461	6 869	4 662	1 072	168	746	173
$1,000	42	51	733	482	269	34	46	22
Electricity ... farms	104	253	3 636	2 442	916	136	412	104
$1,000	441	262	2 867	1 786	1 808	282	165	139
Other—coal, wood, coke, etc. ... farms	7	19	555	399	115	48	37	20
$1,000	67	6	137	83	33	18	5	6
Hired farm labor ... farms	96	178	3 023	1 981	874	117	349	68
$1,000	3 378	524	11 880	6 147	7 463	2 307	1 606	384
Forms with expenses of—								
$1 to $4,999	57	149	2 527	1 707	508	56	267	49
$5,000 to $19,999	16	24	360	217	263	39	58	13
$20,000 to $49,999	9	4	105	45	86	13	22	5
$50,000 or more	14	1	31	12	17	9	2	1
Workers by number of days worked:								
150 days or more ... farms	72	41	925	557	537	70	99	25
workers	529	73	1 899	1 046	1 463	395	230	85
Less than 150 days ... farms	75	166	2 660	1 754	692	103	330	63
workers	988	884	8 503	5 608	3 239	724	1 408	144
Contract labor ... farms	45	64	524	309	115	30	86	19
$1,000	115	141	707	378	436	167	172	19
Forms with expenses of—								
$1 to $2,499	32	47	438	266	89	19	61	18
$2,500 to $9,999	12	12	82	40	12	5	24	1
$10,000 to $19,999	–	4	4	3	11	4	1	–
$20,000 or more	1	1	–	–	3	2	–	–
Customwork, machine hire, and rental of machinery and equipment ... farms	33	258	3 159	2 097	602	50	227	88
$1,000	65	221	2 245	1 316	675	35	181	61
Forms with expenses of—								
$1 to $2,499	25	232	2 998	2 022	534	47	212	82
$2,500 to $9,999	8	26	149	69	63	3	15	6
$10,000 to $19,999	–	–	11	6	4	–	–	–
$20,000 or more	–	–	1	–	1	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services ... farms	3	69	482	300	121	10	26	31
$1,000	42	105	1 011	575	128	18	105	83
Value of agricultural products sold directly to individuals for human consumption ... farms	9	53	578	292	82	17	36	26
$1,000	77	90	1 135	424	708	59	64	30

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): 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)
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... forms	13 646	1 188	1 986	–	–	1 986	222	566
$1,000	368 631	34 326	52 013	–	–	52 013	5 725	10 228
Farms by value group:								
$1 to $4,999	1 931	148	357	–	–	357	35	182
$5,000 to $9,999	3 976	311	624	–	–	624	69	170
$10,000 to $19,999	2 613	222	320	–	–	320	22	113
$20,000 to $49,999	3 062	335	373	–	–	373	52	66
$50,000 to $99,999	1 271	97	178	–	–	178	36	17
$100,000 to $199,999	593	62	97	–	–	97	6	11
$200,000 to $499,999	191	11	37	–	–	37	2	6
$500,000 or more	9	2	–	–	–	–	–	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ... forms	8 136	681	1 127	–	–	1 127	136	271
number	12 043	977	1 701	–	–	1 701	272	386
Motortrucks, including pickups ... forms	11 865	1 013	1 615	–	–	1 615	194	437
number	22 221	1 801	2 743	–	–	2 743	443	675
Wheel tractors ... forms	11 398	1 058	1 652	–	–	1 652	199	510
number	21 819	1 909	2 890	–	–	2 890	516	844
2 or 3 ... forms	5 217	555	650	–	–	650	109	139
number	11 944	1 258	1 511	–	–	1 511	256	314
4 or more ... forms	949	42	102	–	–	102	37	37
number	4 643	190	479	–	–	479	207	196
Grain and bean combines, self-propelled only ... forms	1 587	339	297	–	–	297	12	2
number	1 733	385	345	–	–	345	(D)	(D)
Cornpickers, corn heads, and picker-shellers ... forms	249	31	31	–	–	31	1	2
number	306	39	50	–	–	50	(D)	(D)
Corn heads for combines ... forms	169	26	21	–	–	21	1	2
number	184	27	25	–	–	25	(D)	(D)
Other cornpickers and picker-shellers ... forms	90	10	11	–	–	11	1	–
number	122	12	25	–	–	25	(D)	–
Cottonpickers ... forms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... forms	4 887	317	766	–	–	766	25	44
number	5 224	404	814	–	–	814	35	51
Pickup balers ... forms	6 383	423	1 035	–	–	1 035	48	19
number	7 091	447	1 166	–	–	1 166	48	103
Field forage harvesters, shear bar or flywheel type ... forms	1 721	101	228	–	–	228	4	16
number	1 875	110	245	–	–	245	4	18
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ... forms	8 692	880	1 311	–	–	1 311	198	469
$1,000	16 334	2 299	3 595	–	–	3 595	521	507
Commercial fertilizer ... forms	6 320	714	991	–	–	991	163	288
acres on which used	502 908	96 532	88 424	–	–	88 424	8 120	9 566
Lime ... forms	1	–	–	–	–	–	–	–
acres on which used	(D)	–	–	–	–	–	–	–
tons	(D)	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ... forms	3 831	277	698	–	–	698	116	219
acres on which used	267 686	24 731	74 983	–	–	74 983	3 993	4 368
Nematodes in crops ... forms	253	12	41	–	–	41	39	12
acres on which used	8 120	544	1 486	–	–	1 486	934	333
Diseases in crops and orchards ... forms	777	35	94	–	–	94	38	302
acres on which used	20 180	876	3 486	–	–	3 486	584	5 339
Weeds, grass, or brush in crops and pasture ... forms	3 479	529	439	–	–	439	109	90
acres on which used	275 037	72 379	38 697	–	–	38 697	4 349	2 639
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ... forms	221	9	59	–	–	59	6	40
acres on which used	13 362	2 114	7 028	–	–	7 028	139	571
Insect control on livestock and poultry ... forms	2 918	164	207	–	–	207	43	85
Sanitation and rodent and bird control ... forms	1 107	61	132	–	–	132	35	61
LIVESTOCK								
Cattle and calves inventory ... forms	8 738	364	523	–	–	523	49	141
number	797 812	10 805	14 283	–	–	14 283	750	2 248
Farms with—								
1 to 9	2 101	178	273	–	–	273	29	122
10 to 49	3 211	120	178	–	–	178	16	15
50 to 99	1 359	43	40	–	–	40	2	2
100 to 199	1 152	16	20	–	–	20	2	1
200 to 499	657	5	11	–	–	11	–	–
500 or more	258	2	1	–	–	1	–	1
Cows and heifers that had calved ... forms	7 314	281	368	–	–	368	35	95
number	389 314	5 116	5 399	–	–	5 399	366	895
Beef cows ... forms	5 844	237	294	–	–	294	28	56
number	312 443	4 980	5 016	–	–	5 016	345	806
Farms with—								
1 to 9	1 948	125	171	–	–	171	20	46
10 to 49	2 320	87	100	–	–	100	6	8
50 to 99	780	16	12	–	–	12	2	1
100 to 199	453	7	11	–	–	11	–	–
200 to 499	272	2	–	–	–	–	–	–
500 or more	71	–	–	–	–	–	–	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): Total	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 (029)
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ---forms--	156	461	6 902	4 688	1 072	168	752	173
$1,000--	3 671	13 258	160 390	106 678	66 837	6 991	10 009	5 182
Farms by value group:								
$1 to $4,999	40	72	903	611	13	6	147	28
$5,000 to $9,999	42	150	2 126	1 468	75	52	303	54
$10,000 to $19,999	16	59	1 496	1 006	142	18	180	25
$20,000 to $49,999	37	98	1 571	1 092	337	51	97	45
$50,000 to $99,999	16	60	525	331	296	27	16	3
$100,000 to $199,999	4	17	197	124	166	9	8	16
$200,000 to $499,999	1	4	83	56	40	4	1	2
$500,000 or more	–	1	1	–	3	1	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---forms--	94	295	4 119	2 832	853	120	339	101
number--	142	466	5 962	4 043	1 355	170	457	155
Motortrucks, including pickups ---forms--	140	388	6 068	4 065	1 038	161	650	161
number--	236	788	11 368	7 403	2 514	452	910	291
Wheel tractors ---forms--	89	434	5 794	3 935	987	116	438	121
number--	174	879	10 748	7 153	2 751	230	620	258
2 or 3 ---forms--	40	173	2 665	1 809	609	67	151	59
number--	90	409	6 060	4 090	1 459	145	307	135
4 or more ---forms--	8	58	394	238	242	9	7	13
number--	43	267	1 953	1 175	1 156	45	33	74
Grain and bean combines, self-propelled only ---forms--	–	89	587	356	185	10	28	38
number--	–	91	608	366	191	10	34	51
Cornpickers, corn heads, and picker-shellers ---forms--	5	6	117	68	36	2	18	–
number--	6	6	121	69	43	(D)	18	–
Corn heads for combines ---forms--	1	2	80	40	20	2	14	–
number--	(D)	(D)	82	40	24	(D)	14	–
Other cornpickers and picker-shellers ---forms--	4	4	38	29	18	–	4	–
number--	(D)	4	39	29	19	–	4	–
Cottonpickers ---forms--	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–
Mower conditioners ---forms--	9	179	2 620	1 843	723	31	79	94
number--	9	203	2 725	1 920	757	31	79	116
Pickup balers ---forms--	6	244	3 566	2 474	812	42	103	85
number--	8	275	3 859	2 629	936	45	110	94
Field forage harvesters, shear bar or flywheel type ---forms--	–	66	805	528	441	4	30	26
number--	–	70	877	586	488	5	30	28
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---forms--	122	348	4 000	2 618	868	78	308	110
$1,000--	456	981	5 634	3 327	1 964	85	69	223
Commercial fertilizer ---forms--	82	303	2 834	1 833	687	29	146	83
acres on which used--	1 701	29 718	193 156	122 163	65 377	1 254	2 549	6 511
Lime ---forms--	1	–	–	–	–	–	–	–
acres on which used--	(D)	–	–	–	–	–	–	–
tons--	(D)	–	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---forms--	57	187	1 708	1 028	416	33	78	42
acres on which used--	447	12 267	107 750	57 798	33 458	878	1 322	3 489
Nematodes in crops ---forms--	4	27	67	25	48	1	–	2
acres on which used--	95	697	2 374	807	1 331	(D)	–	(D)
Diseases in crops and orchards ---forms--	16	45	180	107	43	15	2	7
acres on which used--	305	1 461	5 347	4 181	2 099	(D)	(D)	620
Weeds, grass, or brush in crops and pasture ---forms--	37	205	1 444	938	459	45	87	35
acres on which used--	1 118	16 706	103 642	71 623	30 442	1 322	846	2 897
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---forms--	1	11	56	27	23	10	6	–
acres on which used--	(D)	150	2 120	1 612	1 163	(D)	66	–
Insect control on livestock and poultry ---forms--	31	107	1 511	944	499	57	161	53
Sanitation and rodent and bird control ---forms--	21	55	418	254	207	32	74	11
LIVESTOCK								
Cattle and calves inventory ---forms--	11	359	5 904	4 293	1 091	45	138	113
number--	129	12 287	601 922	430 108	143 241	4 484	2 354	5 309
Farms with—								
1 to 9	8	199	1 090	508	44	15	97	46
10 to 49	3	108	2 500	1 981	187	11	34	39
50 to 99	–	26	894	692	328	5	3	16
100 to 199	–	16	731	581	348	9	2	7
200 to 499	–	4	472	382	158	2	2	3
500 or more	–	6	217	149	26	3	–	2
Cows and heifers that had calved ---forms--	8	272	4 927	3 661	1 086	38	98	106
number--	69*	5 099	287 886	230 004	78 305	1 901	1 198	3 080
Beef cows ---forms--	3	227	4 609	3 496	214	37	81	58
number--	63	4 697	284 675	227 982	7 263	1 892	879	1 827
Farms with—								
1 to 9	1	133	1 275	811	78	11	61	27
10 to 49	2	74	1 899	1 505	89	14	18	23
50 to 99	–	10	696	569	30	8	1	4
100 to 199	–	6	415	349	11	2	–	1
200 to 499	–	4	254	207	6	2	1	3
500 or more	–	–	70	55	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal forms; 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)		
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ... forms	2 626	89	120	–	–	120	17	63
number	76 871	136	383	–	–	383	21	89
Forms with—								
1 to 4	1 457	87	110	–	–	110	17	61
5 to 9	73	1	3	–	–	3	–	–
10 to 49	511	1	6	–	–	6	–	2
50 to 99	380	–	1	–	–	1	–	–
100 to 199	153	–	–	–	–	–	–	–
200 to 499	48	–	–	–	–	–	–	–
500 or more	4	–	–	–	–	–	–	–
Heifers and heifer calves ... forms	6 571	234	348	–	–	348	32	49
number	202 810	3 218	4 981	–	–	4 981	169	600
Steers, steer calves, bulls, and bull calves ... forms	7 216	272	376	–	–	376	39	96
number	205 688	2 471	3 903	–	–	3 903	215	753
Cattle and calves sold ... forms	8 097	250	334	–	–	334	25	58
number	464 224	4 043	5 242	–	–	5 242	418	1 048
$1,000	165 919	1 282	1 567	–	–	1 567	102	392
Calves ... forms	4 286	123	136	–	–	136	10	33
number	147 426	1 833	1 631	–	–	1 631	201	114
$1,000	35 303	446	365	–	–	365	30	21
Cattle ... forms	6 575	189	255	–	–	255	18	33
number	316 798	2 210	3 611	–	–	3 611	217	934
$1,000	130 616	837	1 202	–	–	1 202	72	371
Fattened on grain and concentrates ... forms	1 595	51	77	–	–	77	6	9
number	132 396	618	723	–	–	723	103	822
$1,000	62 936	258	267	–	–	267	42	327
Hogs and pigs inventory ... forms	1 556	65	119	–	–	119	15	15
number	46 834	609	1 956	–	–	1 956	112	67
Farms with—								
1 to 9	956	46	83	–	–	83	11	14
10 to 49	441	17	29	–	–	29	4	1
50 to 99	61	1	2	–	–	2	–	–
100 to 199	45	1	4	–	–	4	–	–
200 to 499	35	–	1	–	–	1	–	–
500 or more	18	–	–	–	–	–	–	–
Used or to be used for breeding ... forms	856	22	56	–	–	56	12	5
number	6 901	79	325	–	–	325	38	6
Other ... forms	1 370	56	100	–	–	100	7	13
number	39 933	530	1 631	–	–	1 631	74	61
Hogs and pigs sold ... forms	1 110	42	77	–	–	77	5	10
number	59 378	729	1 899	–	–	1 899	164	59
$1,000	4 879	71	143	–	–	143	8	5
Feeder pigs sold ... forms	328	7	20	–	–	20	3	2
number	12 109	107	360	–	–	360	138	(D)
$1,000	373	3	10	–	–	10	5	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ... forms	886	23	58	–	–	58	12	5
number	8 726	93	271	–	–	271	54	(D)
Dec. 1 and May 31 ... forms	735	16	42	–	–	42	12	4
number	4 537	41	129	–	–	129	(D)	(D)
June 1 and Nov. 30 ... forms	623	21	37	–	–	37	12	1
number	4 189	52	142	–	–	142	(D)	(D)
Sheep and lambs of all ages inventory ... forms	2 199	86	125	–	–	125	9	20
number	619 508	12 550	5 060	–	–	5 060	(D)	168
Ewes 1 year old or older ... forms	2 071	81	118	–	–	118	9	13
number	440 349	5 985	3 667	–	–	3 667	(D)	117
Sheep and lambs sold ... forms	2 079	74	109	–	–	109	6	14
number	482 846	9 644	3 245	–	–	3 245	(D)	116
Sheep and lambs shorn ... forms	2 024	79	107	–	–	107	7	13
number	534 781	6 857	4 377	–	–	4 377	(D)	134
pounds of wool	5 361 098	58 288	42 831	–	–	42 831	(D)	1 222
Horses and ponies inventory ... forms	5 941	288	598	–	–	598	14	84
number	27 079	1 018	2 198	–	–	2 198	71	240
Horses and ponies sold ... forms	1 086	35	60	–	–	60	5	6
number	2 875	56	92	–	–	92	5	9
$1,000	2 432	25	49	–	–	49	2	4
Goats inventory ... forms	123	13	10	–	–	10	1	4
number	1 028	27	49	–	–	49	(D)	12
Goats sold ... forms	38	6	1	–	–	1	1	1
number	229	12	(D)	–	–	(D)	(D)	(D)
$1,000	11	(Z)	(D)	–	–	(D)	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ... forms	1 433	77	142	–	–	142	17	42
number	2 259 854	1 693	3 464	–	–	3 464	487	1 307
Farms with—								
1 to 399	1 399	77	142	–	–	142	17	42
400 to 3,199	11	–	–	–	–	–	–	–
3,200 to 9,999	6	–	–	–	–	–	–	–
10,000 to 19,999	2	–	–	–	–	–	–	–
20,000 to 49,999	4	–	–	–	–	–	–	–
50,000 to 99,999	4	–	–	–	–	–	–	–
100,000 or more	7	–	–	–	–	–	–	–
Hens and pullets of laying age ... forms	1 406	75	138	–	–	138	17	42
number	2 138 087	1 580	3 272	–	–	3 272	(D)	1 052
Pullets 3 months old or older not of laying age ... forms	182	4	10	–	–	10	1	23
number	121 767	113	192	–	–	192	(D)	255

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	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 (029)
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows ..... forms	5	71	1 075	718	1 079	3	32	72
number	6	402	3 211	2 022	71 042	9	319	1 253
Farms with—								
1 to 4	5	68	990	655	44	2	28	45
5 to 9	–	1	43	32	22	1	–	2
10 to 49	–	1	33	26	448	–	2	18
50 to 99	–	–	7	4	366	–	1	5
100 to 199	–	–	1	1	150	–	1	1
200 to 499	–	1	1	–	45	–	–	1
500 or more	–	–	–	–	4	–	–	–
Heifers and heifer calves ..... forms	7	218	4 458	3 347	1 030	31	93	71
number	40	3 249	141 121	99 602	46 230	1 436	536	1 230
Steers, steer calves, bulls, and bull calves ..... forms	7	257	5 061	3 752	886	35	103	84
number	20	3 939	172 915	100 502	18 706	1 147	620	999
Cattle and calves sold ..... forms	5	217	5 938	4 502	1 077	36	66	91
number	18	5 238	401 261	255 585	41 650	1 908	820	2 578
$1,000	6	1 797	146 126	80 447	12 692	675	237	1 042
Calves ..... forms	1	79	3 178	2 741	637	15	32	42
number	(D)	1 484	125 227	113 402	15 407	466	(D)	796
$1,000	(D)	331	31 667	28 721	2 067	137	(D)	178
Cattle ..... forms	5	187	4 782	3 479	947	29	50	80
number	(D)	3 754	276 034	142 183	26 243	1 442	(D)	1 782
$1,000	(D)	1 465	114 459	51 726	10 625	538	(D)	864
Fattened on grain and concentrates ..... forms	1	47	1 272	247	100	10	7	15
number	(D)	992	125 840	3 682	2 373	405	(D)	381
$1,000	(D)	389	60 148	1 420	1 050	165	(D)	245
Hogs and pigs inventory ..... forms	4	57	1 101	474	92	10	33	45
number	13	802	41 257	5 214	954	130	272	662
Farms with—								
1 to 9	4	42	634	351	59	5	29	29
10 to 49	–	11	328	107	31	5	3	12
50 to 99	–	2	50	10	2	–	–	4
100 to 199	–	2	37	3	–	–	1	–
200 to 499	–	–	34	2	–	–	–	–
500 or more	–	–	18	1	–	–	–	–
Used or to be used for breeding ..... forms	1	23	659	223	37	7	7	27
number	(D)	137	5 977	846	159	(D)	38	101
Other ..... forms	4	47	979	421	86	10	32	36
number	(D)	665	35 280	4 368	795	(D)	234	561
Hogs and pigs sold ..... forms	2	30	846	279	60	8	11	19
number	(D)	1 266	52 785	5 870	1 450	276	(D)	493
$1,000	(D)	76	4 373	408	120	27	(D)	37
Feeder pigs sold ..... forms	1	9	265	99	12	3	3	3
number	(D)	743	10 308	2 076	283	13	35	95
$1,000	(D)	23	320	64	9	(Z)	1	3
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... forms	1	24	684	233	37	7	8	27
number	(D)	172	7 781	919	146	43	27	131
Dec. 1 and May 31 ..... forms	–	21	575	189	28	5	7	25
number	–	90	4 056	499	76	24	17	78
June 1 and Nov. 30 ..... forms	1	12	489	139	23	6	4	17
number	(D)	82	3 725	420	70	19	10	53
Sheep and lambs of all ages inventory ..... forms	2	62	1 763	571	38	24	60	10
number	(D)	3 541	581 935	48 738	6 404	7 745	1 353	569
Ewes 1 year old or older ..... forms	2	57	1 668	530	36	23	54	10
number	(D)	2 636	417 196	35 818	5 426	3 956	880	368
Sheep and lambs sold ..... forms	2	50	1 698	517	35	24	56	11
number	(D)	2 638	458 027	38 970	3 817	3 991	955	336
Sheep and lambs shorn ..... forms	2	47	1 658	509	37	22	41	11
number	(D)	2 592	508 654	40 360	4 831	5 975	813	401
pounds of wool	(D)	27 445	5 101 683	425 500	53 001	63 487	8 102	3 643
Horses and ponies inventory ..... forms	19	269	3 704	2 588	401	34	434	96
number	52	1 265	16 000	11 696	1 290	206	4 076	663
Horses and ponies sold ..... forms	1	22	460	320	32	2	411	52
number	(D)	38	1 051	758	58	(D)	1 442	117
$1,000	(D)	22	460	347	38	(D)	1 744	88
Goats inventory ..... forms	2	2	80	37	4	1	5	1
number	(D)	(D)	841	135	15	(D)	34	(D)
Goats sold ..... forms	1	1	18	6	1	–	8	–
number	(D)	(D)	151	13	(D)	–	27	–
$1,000	(D)	(D)	9	(Z)	(D)	–	(Z)	–
POULTRY								
Chickens 3 months old or older inventory ..... forms	3	51	869	510	83	48	54	47
number	45	1 042	21 142	12 407	2 267	2 211 605	716	16 086
Farms with—								
1 to 399	3	51	868	509	83	17	54	45
400 to 3,199	–	–	1	1	–	10	–	–
3,200 to 9,999	–	–	–	–	–	4	–	2
10,000 to 19,999	–	–	–	–	–	2	–	–
20,000 to 49,999	–	–	–	–	–	4	–	–
50,000 to 99,999	–	–	–	–	–	4	–	–
100,000 or more	–	–	–	–	–	7	–	–
Hens and pullets of laying age ..... forms	3	50	850	494	82	48	54	47
number	(D)	(D)	19 293	11 372	2 131	2 093 015	694	15 688
Pullets 3 months old or older not of laying age ..... forms	1	4	98	64	7	21	3	10
number	(D)	(D)	1 849	1 035	136	118 590	22	398

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): 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 ... farms	106	–	5	–	–	5	–	7
number	940 231	–	138	–	–	138	–	370
Broilers and other meat-type chickens sold ... farms	35	–	3	–	–	3	–	3
number	1 423	–	300	–	–	300	–	155
Farms with—								
1 to 1,999	35	–	3	–	–	3	–	3
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	76	–	3	–	–	3	7	–
number	38 870	–	20	–	–	20	21	–
Turkeys sold ... farms	103	1	1	–	–	1	–	–
number	3 033 050	(D)	(D)	–	–	(D)	–	–
CROPS HARVESTED								
Corn for all purposes ... farms	2 336	193	323	–	–	323	22	13
acres	76 376	7 168	10 150	–	–	10 150	357	657
For grain or seed ... farms	510	140	41	–	–	41	6	10
acres	14 482	5 550	1 996	–	–	1 996	52	334
bushels	1 176 010	464 425	133 724	–	–	133 724	2 778	27 633
Irrigated ... farms	510	140	41	–	–	41	6	10
acres	14 482	5 550	1 996	–	–	1 996	52	334
Farms by acres harvested:								
1 to 24 acres	362	87	26	–	–	26	6	9
25 to 99 acres	124	43	11	–	–	11	–	–
100 to 499 acres	22	9	3	–	–	3	–	1
500 acres or more	2	1	1	–	–	1	–	–
Wheat for grain ... farms	2 072	697	284	–	–	284	39	5
acres	253 600	167 410	13 416	–	–	13 416	1 078	118
bushels	6 651 061	3 972 733	506 401	–	–	506 401	74 184	6 448
Irrigated ... farms	1 296	274	216	–	–	216	37	4
acres	36 419	11 380	7 838	–	–	7 838	1 004	109
Farms by acres harvested:								
1 to 24 acres	1 061	205	172	–	–	172	21	4
25 to 99 acres	530	185	81	–	–	81	17	1
100 to 499 acres	345	205	26	–	–	26	1	–
500 acres or more	136	102	5	–	–	5	–	–
Oats for grain ... farms	1 213	109	145	–	–	145	4	4
acres	14 743	1 742	1 724	–	–	1 724	34	12
bushels	784 187	74 150	85 171	–	–	85 171	1 455	493
Irrigated ... farms	1 135	85	140	–	–	140	2	4
acres	13 340	946	1 674	–	–	1 674	(D)	12
Barley for grain ... farms	4 348	622	701	–	–	701	42	24
acres	144 275	26 244	24 135	–	–	24 135	919	1 722
bushels	8 970 032	1 554 051	1 463 444	–	–	1 463 444	78 964	151 430
Irrigated ... farms	3 974	515	645	–	–	645	37	21
acres	123 674	18 939	21 653	–	–	21 653	853	1 703
Irish potatoes ... farms	160	13	45	–	–	45	13	6
acres	5 789	64	4 947	–	–	4 947	57	6
hundredweight	1 319 932	8 319	1 154 039	–	–	1 154 039	8 180	746
Irrigated ... farms	160	13	45	–	–	45	13	6
acres	5 789	64	4 947	–	–	4 947	57	6
Farms by acres harvested:								
0.1 to 0.9 acres	42	4	8	–	–	8	2	1
1.0 to 4.9 acres	55	3	9	–	–	9	6	5
5.0 to 24.9 acres	32	6	6	–	–	6	5	–
25.0 to 99.9 acres	22	–	13	–	–	13	–	–
100.0 acres or more	9	–	9	–	–	9	–	–
Sugar beets for sugar ... farms	252	19	67	–	–	67	10	1
acres	13 112	610	5 282	–	–	5 282	(D)	(D)
tons	239 040	9 819	102 014	–	–	102 014	(D)	(D)
Irrigated ... farms	252	19	67	–	–	67	10	1
acres	13 112	610	5 282	–	–	5 282	(D)	(D)
Hay crops (see text) ... farms	9 740	645	1 961	–	–	1 961	64	115
acres	622 418	26 156	125 076	–	–	125 076	1 148	2 398
tons, dry	1 749 997	69 169	408 128	–	–	408 128	4 394	9 616
Irrigated ... farms	9 019	504	1 817	–	–	1 817	61	103
acres	545 067	16 158	113 230	–	–	113 230	1 059	2 251
Farms by acres harvested:								
1 to 24 acres	4 308	379	858	–	–	858	49	105
25 to 99 acres	3 698	207	778	–	–	778	15	8
100 to 499 acres	1 625	56	297	–	–	297	–	1
500 acres or more	109	3	28	–	–	28	–	1
Alfalfa hay ... farms	8 826	588	1 868	–	–	1 868	54	98
acres	458 135	22 847	111 365	–	–	111 365	902	2 117
tons, dry	1 462 273	65 479	381 913	–	–	381 913	3 738	9 197
Irrigated ... farms	8 238	470	1 741	–	–	1 741	52	88
acres	407 952	14 442	102 095	–	–	102 095	855	1 997
All vegetables harvested for sale (see text) ... farms	512	15	67	–	–	67	189	37
acres	9 310	177	693	–	–	693	4 991	163
Irrigated ... farms	512	15	67	–	–	67	189	37
acres	9 310	177	693	–	–	693	4 991	163
Farms by acres harvested:								
0.1 to 4.9 acres	225	7	48	–	–	48	65	25
5.0 to 24.9 acres	173	6	10	–	–	10	66	11
25.0 to 99.9 acres	101	2	8	–	–	8	49	1
100.0 acres or more	13	–	1	–	–	1	9	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	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	–	–	37	14	5	39	9	4
number	–	–	2 100	768	322	927 307	469	9 525
Broilers and other meat-type chickens sold ... farms	–	4	17	7	1	–	7	–
number	–	207	618	278	(D)	–	(D)	–
Farms with—								
1 to 1,999	–	4	17	7	1	–	7	–
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ... farms	–	2	48	31	–	6	8	2
number	–	(D)	198	121	–	38 606	9	(D)
Turkeys sold ... farms	–	1	5	4	–	94	–	1
number	–	(D)	64	62	–	3 032 680	–	(D)
CROPS HARVESTED								
Corn for all purposes ... farms	1	137	1 037	587	569	7	12	22
acres	(D)	3 305	29 437	14 441	23 941	283	(D)	840
For grain or seed ... farms	–	38	220	87	41	4	3	7
acres	–	788	4 389	1 634	931	118	19	305
bushels	–	71 059	344 558	93 236	90 563	15 778	806	24 686
Irrigated ... farms	–	38	220	87	41	4	3	7
acres	–	788	4 389	1 634	931	118	19	305
Farms by acres harvested:								
1 to 24 acres	–	28	169	70	27	3	3	4
25 to 99 acres	–	10	44	14	13	1	–	2
100 to 499 acres	–	–	7	3	1	–	–	1
500 acres or more	–	–	–	–	–	–	–	–
Wheat for grain ... farms	–	163	674	400	157	15	8	30
acres	–	8 967	51 381	35 427	6 629	2 395	204	2 002
bushels	–	424 166	1 285 844	827 670	252 325	56 972	9 884	62 104
Irrigated ... farms	–	132	490	269	104	12	6	21
acres	–	4 738	7 970	4 580	2 528	348	118	386
Farms by acres harvested:								
1 to 24 acres	–	98	444	250	86	8	5	18
25 to 99 acres	–	40	135	89	56	4	3	8
100 to 499 acres	–	23	70	42	15	2	–	3
500 acres or more	–	2	25	19	–	1	–	1
Oats for grain ... farms	1	61	730	464	95	4	28	32
acres	(D)	1 053	8 317	5 384	1 339	(D)	219	270
bushels	(D)	62 953	455 395	299 812	76 112	(D)	13 458	13 985
Irrigated ... farms	1	57	693	436	92	4	27	30
acres	(D)	980	7 958	5 156	1 265	(D)	209	239
Barley for grain ... farms	9	275	1 945	1 067	634	26	28	42
acres	125	10 223	51 685	26 973	26 844	593	680	1 105
bushels	6 794	765 236	3 061 223	1 483 959	1 755 486	44 394	18 964	70 046
Irrigated ... farms	9	257	1 816	983	590	20	27	37
acres	125	9 506	44 710	22 389	24 173	514	510	988
Irish potatoes ... farms	1	27	47	23	4	2	1	1
acres	(D)	519	156	57	35	(D)	(D)	(D)
hundredweight	(D)	111 985	30 517	11 639	5 640	(D)	(D)	(D)
Irrigated ... farms	1	27	47	23	4	2	1	1
acres	(D)	519	156	57	35	(D)	(D)	(D)
Farms by acres harvested:								
0.1 to 0.9 acres	–	6	19	10	–	1	1	–
1.0 to 4.9 acres	1	7	20	11	2	1	–	1
5.0 to 24.9 acres	–	6	7	2	2	–	–	–
25.0 to 99.9 acres	–	8	1	–	–	–	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Sugar beets for sugar ... farms	–	71	42	20	33	1	–	8
acres	–	3 490	1 614	756	766	(D)	–	929
tons	–	61 719	31 059	15 027	13 886	(D)	–	14 706
Irrigated ... farms	–	71	42	20	33	1	–	8
acres	–	3 490	1 614	756	766	(D)	–	929
Hay crops (see text) ... farms	19	515	5 124	3 459	925	64	214	94
acres	196	25 709	341 440	241 222	85 417	4 313	4 480	6 085
tons, dry	578	81 995	846 289	574 125	291 276	10 748	9 824	17 980
Irrigated ... farms	18	485	4 799	3 227	881	56	203	92
acres	189	21 993	303 241	211 756	75 068	3 128	3 530	5 220
Farms by acres harvested:								
1 to 24 acres	17	284	2 245	1 393	133	30	168	40
25 to 99 acres	2	172	1 951	1 398	465	22	37	41
100 to 499 acres	–	54	867	622	320	10	9	11
500 acres or more	–	5	61	46	7	2	–	2
Alfalfa hay ... farms	18	492	4 499	2 948	878	59	180	92
acres	192	23 014	215 408	145 522	71 087	2 669	3 537	4 997
tons, dry	572	77 109	635 799	412 261	257 000	7 446	7 953	16 067
Irrigated ... farms	17	464	4 259	2 788	836	53	168	90
acres	185	19 633	197 907	133 392	61 989	1 911	2 690	4 248
All vegetables harvested for sale (see text) ... farms	3	91	84	38	19	3	2	2
acres	294	1 732	965	435	278	2	(D)	(D)
Irrigated ... farms	3	91	84	38	19	3	2	2
acres	294	1 732	965	435	278	2	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	–	24	46	22	4	3	2	1
5.0 to 24.9 acres	1	38	28	11	12	–	–	1
25.0 to 99.9 acres	1	28	9	4	3	–	–	–
100.0 acres or more	1	1	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	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)		
CROPS HARVESTED—Con.								
Land in orchards ..... farms	1 061	32	71	–	–	71	23	605
acres	11 340	73	422	–	–	422	174	9 736
Irrigated ..... farms	1 002	27	66	–	–	66	22	567
acres	10 842	62	409	–	–	409	173	9 279
Forms by acres in orchards:								
0.1 to 4.9 acres	639	29	53	–	–	53	14	266
5.0 to 24.9 acres	340	3	15	–	–	15	6	268
25.0 to 99.9 acres	67	–	3	–	–	3	3	56
100.0 acres or more	15	–	–	–	–	–	–	15
Apples ..... farms	646	24	40	–	–	40	11	371
total acres	3 535	21	104	–	–	104	18	3 116
pounds	24 031 838	14 990	41 393	–	–	41 393	29 708	23 172 221

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)				
CROPS HARVESTED—Con.								
Land in orchards ..... farms	8	39	210	120	22	9	32	10
acres	36	222	483	244	89	17	58	31
Irrigated ..... farms	8	38	204	115	22	8	30	10
acres	36	221	469	235	89	15	57	31
Farms by acres in orchards:								
0.1 to 4.9 acres	5	30	179	105	16	8	30	9
5.0 to 24.9 acres	3	6	30	15	5	1	2	1
25.0 to 99.9 acres	–	3	1	–	1	–	–	–
100.0 acres or more	–	–	–	–	–	–	–	–
Apples ..... farms	5	14	130	66	15	8	22	6
total acres	9	24	192	112	16	9	22	5
pounds	18 760	94 980	543 748	280 694	87 416	2 882	18 840	6 900

[1]1978 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
Utah	1978	13 833	10 517 668	760	20.0	9 748	8 679 520	890	303 763	400	357 757	406
	1974	12 184	10 610 050	871	20.2	8 745	8 725 598	998	163 989	188	192 839	193
Beaver	1978	189	187 311	991	11.3	165	161 184	977	320 315	320	325 270	336
	1974	183	150 368	822	9.1	138	123 635	896	123 546	150	149 167	166
Box Elder	1978	1 108	1 730 140	1 561	48.2	924	1 574 090	1 704	424 220	275	422 435	265
	1974	1 100	1 678 636	1 526	46.8	912	1 496 032	1 640	196 172	129	216 315	132
Cache	1978	1 214	294 025	242	39.1	1 001	273 167	273	225 310	972	249 021	950
	1974	1 273	286 128	225	38.1	984	233 075	237	106 472	474	117 050	494
Carbon	1978	173	247 921	1 433	26.2	97	220 742	2 276	443 015	306	692 435	298
	1974	144	363 302	2 523	38.5	94	348 544	3 708	225 882	90	314 894	85
Daggett	1978	28	41 413	1 479	9.5	26	(D)	(D)	352 156	238	375 604	236
	1974	27	36 544	1 353	8.4	19	35 960	1 893	203 519	150	279 158	147
Davis	1978	565	94 151	167	49.5	360	(D)	(D)	355 138	2 087	473 617	1 869
	1974	581	120 441	207	63.4	346	110 190	318	142 756	689	187 636	589
Duchesne	1978	590	388 904	659	18.7	469	365 771	780	271 195	419	282 707	376
	1974	534	396 025	742	19.0	402	377 430	939	147 571	199	178 836	190
Emery	1978	378	211 946	561	7.5	251	156 853	625	218 582	375	251 316	382
	1974	372	218 936	589	7.7	236	192 570	816	105 390	179	144 877	178
Garfield	1978	214	129 791	607	3.9	149	117 488	789	246 353	384	310 503	376
	1974	180	120 260	668	3.6	122	84 532	693	130 167	195	145 746	210
Grand	1978	59	174 486	2 957	7.4	37	172 962	4 675	335 745	114	460 460	99
	1974	36	159 749	4 437	6.8	27	156 954	5 813	549 333	124	698 593	120
Iron	1978	348	460 481	1 323	21.8	265	428 650	1 618	328 771	267	423 781	262
	1974	337	459 917	1 365	21.8	251	410 090	1 634	191 902	141	223 741	137
Juab	1978	222	254 228	1 145	11.6	169	207 002	1 225	390 671	300	399 030	325
	1974	201	156 760	780	7.2	150	139 956	933	108 005	138	126 813	136
Kane	1978	128	242 531	1 895	9.7	87	219 157	2 519	302 183	164	350 804	152
	1974	112	205 077	1 831	8.2	74	191 077	2 582	173 286	95	225 054	87
Millard	1978	676	553 570	819	12.7	580	492 544	849	325 964	374	362 544	397
	1974	652	536 409	823	12.3	555	488 274	880	155 618	189	175 627	200
Morgan	1978	198	248 634	1 256	64.4	138	244 877	1 774	400 418	342	491 307	334
	1974	204	274 279	1 345	71.1	122	264 724	2 170	192 480	143	281 820	130
Piute	1978	115	66 671	580	13.8	103	66 128	642	227 215	399	242 873	391
	1974	122	64 337	527	13.3	97	57 972	598	97 459	185	112 959	189
Rich	1978	161	494 454	3 071	75.5	141	475 000	3 369	418 443	137	456 078	139
	1974	168	545 249	3 246	83.3	152	528 688	3 478	244 601	75	265 428	76
Salt Lake	1978	660	210 478	319	43.0	419	200 859	479	500 737	1 635	596 720	1 489
	1974	592	223 957	378	45.8	407	214 905	528	261 395	691	326 123	618
San Juan	1978	213	411 693	1 933	8.3	178	396 569	2 228	308 598	170	338 924	164
	1974	231	507 196	2 196	10.3	179	444 190	2 482	274 827	125	280 296	113
Sanpete	1978	756	443 573	587	43.4	616	396 386	643	220 884	392	255 133	399
	1974	749	449 441	600	44.0	566	433 759	766	105 606	176	128 862	168
Sevier	1978	458	194 319	424	15.7	361	180 610	500	277 847	602	318 952	595
	1974	413	199 434	483	16.2	335	189 338	565	128 969	267	147 737	261
Summit	1978	352	315 532	896	26.7	265	267 308	1 009	423 815	429	507 451	458
	1974	304	342 139	1 125	28.9	221	298 958	1 353	227 000	202	282 208	209
Tooele	1978	263	495 494	1 884	11.2	175	454 582	2 598	328 990	171	423 894	170
	1974	229	429 516	1 876	9.7	127	375 437	2 956	224 192	120	323 787	110
Uintah	1978	525	1 400 060	2 667	48.8	364	403 524	1 109	448 984	171	305 930	274
	1974	413	1 407 879	3 409	49.0	299	398 214	1 332	349 581	103	259 311	195
Utah	1978	1 612	435 317	270	33.8	1 043	408 831	392	306 370	1 129	398 929	993
	1974	1 605	482 754	301	37.5	1 061	460 896	434	138 626	461	174 478	402
Wasatch	1978	261	211 040	809	27.7	178	198 105	1 113	357 078	459	478 458	441
	1974	254	237 433	935	31.1	158	202 511	1 282	216 197	231	297 266	232
Washington	1978	340	231 079	680	14.9	219	201 630	921	216 000	311	258 851	268
	1974	310	234 895	758	15.1	167	214 886	1 287	138 648	183	196 868	153
Wayne	1978	181	96 086	531	6.0	158	48 514	307	212 214	365	217 452	591
	1974	146	107 568	737	6.8	110	50 263	457	118 959	161	118 809	260
Weber	1978	777	205 236	264	55.2	502	190 050	379	240 173	961	295 519	813
	1974	712	215 421	303	57.9	434	202 538	467	125 483	415	164 528	353
Farms not on mail list	1978	1 069	47 104	44	(X)	308	27 111	88	107 099	2 431	147 654	1 677

[1] 1978 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
Utah	12 671	2 034 492	11 663	1 174 703	6 129	490 703	513	22 432	677	25 321
Beaver	177	37 769	158	25 380	83	9 344	5	(D)	6	(D)
Box Elder	1 035	331 572	978	202 017	363	42 150	52	2 420	69	3 834
Cache	1 151	173 036	1 109	116 230	530	34 228	77	2 130	72	1 643
Carbon	155	16 431	141	7 402	87	6 342	6	72	6	47
Daggett	25	6 967	21	4 389	14	2 409	1	(D)	2	(D)
Davis	546	34 497	504	23 144	249	9 662	21	235	21	184
Duchesne	561	101 246	521	49 113	383	45 632	15	389	28	1 288
Emery	354	41 472	336	17 858	248	18 780	20	467	27	455
Garfield	200	24 754	179	13 075	117	9 717	5	(D)	3	(D)
Grand	54	4 907	51	3 012	27	1 119	2	(D)	1	(D)
Iron	321	75 712	306	47 220	148	12 481	6	190	15	610
Juab	206	67 485	198	31 573	103	14 060	17	1 131	30	1 531
Kane	108	13 805	87	2 984	57	8 417	8	365	9	963
Millard	638	187 656	615	118 280	202	30 295	46	4 156	69	3 665
Morgan	166	20 647	154	10 268	82	9 696	5	59	10	249
Piute	109	17 883	106	9 230	76	6 913	6	233	8	166
Rich	151	75 126	147	55 125	60	11 299	3	(D)	11	898
Salt Lake	535	48 929	459	32 036	203	5 156	14	848	16	172
San Juan	194	136 700	183	65 705	62	14 421	10	1 820	16	2 194
Sanpete	681	107 591	635	57 927	401	38 731	43	2 242	49	1 177
Sevier	428	50 310	401	34 457	188	11 637	18	162	21	373
Summit	313	36 425	283	20 276	186	14 196	5	40	10	251
Tooele	236	47 150	218	17 723	104	17 063	13	250	18	989
Uintah	485	85 014	436	36 262	297	36 897	14	1 992	40	1 476
Utah	1 494	142 667	1 398	94 964	570	24 163	26	1 123	49	904
Wasatch	246	21 146	224	11 940	163	8 239	6	96	10	407
Washington	303	33 445	263	13 380	135	12 874	11	(D)	3	(D)
Wayne	177	21 471	168	12 485	91	8 014	2	(D)	8	146
Weber	730	45 032	672	29 686	389	13 544	26	282	37	404
Farms not on mail list	892	27 647	712	11 562	511	13 224	30	681	13	58

All Farms
Part 2 of 2

	Cropland—Con.				Woodland				Other pastureland and rangeland		Land in house lots, ponds, roads, wasteland, etc.	
	In cultivated summer fallow		Idle		Pastured		Not pastured					
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Utah	1 419	225 226	1 857	96 107	312	604 107	239	77 468	4 576	7 556 768	7 298	244 833
Beaver	20	827	34	1 739	2	(D)	4	288	56	145 157	87	3 349
Box Elder	227	71 372	165	9 779	6	33 020	17	2 288	423	1 337 081	594	26 179
Cache	237	15 294	134	3 511	6	212	18	843	283	111 759	634	8 175
Carbon	15	369	50	2 199	7	18 829	5	(D)	76	201 418	109	6 017
Daggett	–	–	3	120	6	1 147	–	–	18	32 619	18	680
Davis	12	182	41	1 090	6	(D)	8	(D)	108	56 125	284	2 869
Duchesne	18	989	71	3 835	29	14 730	18	2 937	255	247 170	360	22 821
Emery	53	1 028	107	2 884	7	6 854	5	576	174	150 794	246	12 250
Garfield	8	299	25	1 138	17	4 835	3	(D)	131	96 319	74	3 862
Grand	3	(D)	13	651	3	(D)	1	(D)	23	167 738	38	1 217
Iron	29	4 346	72	10 865	10	10 723	4	(D)	149	358 178	153	11 832
Juab	77	16 679	66	2 511	–	–	–	–	92	180 376	99	6 367
Kane	4	145	13	931	13	13 387	6	1 198	84	212 510	45	1 631
Millard	150	20 385	147	10 875	8	3 556	11	1 449	218	343 454	343	17 455
Morgan	4	95	14	280	9	2 502	3	(D)	78	219 072	117	6 141
Piute	5	118	31	1 223	1	(D)	1	(D)	45	45 317	43	2 321
Rich	19	(D)	19	2 040	5	(D)	1	(D)	101	409 506	74	4 859
Salt Lake	24	8 227	81	2 490	6	15	8	18	108	152 334	379	9 182
San Juan	112	47 601	40	4 959	42	15 046	34	14 263	110	231 845	95	13 839
Sanpete	90	2 149	137	5 365	27	14 013	16	2 148	338	303 733	362	16 088
Sevier	32	1 046	88	2 635	11	1 930	7	114	142	132 902	223	9 063
Summit	10	224	19	1 438	17	6 004	7	1 220	154	269 463	168	2 420
Tooele	22	5 012	32	6 113	4	446	2	(D)	108	434 622	137	7 597
Uintah	33	4 729	53	3 658	19	(D)	8	(D)	268	823 912	294	19 225
Utah	97	14 260	167	7 253	14	3 064	11	133	353	277 839	829	11 614
Wasatch	7	252	9	212	4	(D)	6	276	60	187 948	115	806
Washington	27	2 970	50	3 108	11	3 172	6	1 275	140	187 317	139	5 870
Wayne	5	(D)	26	714	5	300	2	(D)	63	70 068	97	4 137
Weber	27	223	66	893	10	508	16	413	166	155 204	400	4 079
Farms not on mail list	52	524	84	1 598	7	336	11	1 245	252	14 988	742	2 888

Table 3. **Irrigation: 1978**

All Farms

	Irrigated land according to use								Land in irrigated farms		
	Total		Harvested cropland		Pastureland		Other land				
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Acres	Acres of cropland	Acres of harvested cropland
Utah	11 655	1 185 315	10 744	849 731	5 072	317 005	742	18 579	7 484 869	1 646 879	1 004 578
Beaver	169	30 227	154	24 863	65	4 886	9	478	115 462	36 266	25 010
Box Elder	889	127 036	834	101 899	288	23 593	66	1 544	1 338 471	226 569	151 709
Cache	1 005	87 117	949	72 230	411	13 100	75	1 787	194 484	137 962	96 109
Carbon	145	10 739	137	7 167	61	3 373	12	199	209 075	15 804	7 182
Daggett	23	9 549	21	4 389	20	5 160	–	–	39 535	5 981	4 389
Davis	515	31 693	476	21 509	197	10 019	22	165	92 249	33 666	22 777
Duchesne	548	107 873	512	47 921	395	58 417	36	1 535	382 547	99 002	48 544
Emery	348	36 295	330	17 587	235	17 695	47	1 013	160 577	39 921	17 692
Garfield	190	23 037	173	12 741	108	(D)	6	(D)	124 997	23 707	12 814
Grand	50	4 813	48	2 848	21	(D)	4	(D)	98 954	4 357	2 848
Iron	312	48 986	298	43 739	79	4 462	20	785	366 026	66 528	45 862
Juab	164	19 449	155	15 257	38	3 997	17	195	175 694	49 822	25 148
Kane	98	8 030	78	2 262	47	(D)	3	(D)	192 676	10 987	2 434
Millard	590	114 717	584	97 094	75	15 429	56	2 194	472 204	172 887	112 762
Morgan	148	8 248	139	7 224	53	868	5	156	145 184	13 428	8 870
Piute	100	12 354	98	8 700	52	3 410	9	244	65 003	16 931	8 968
Rich	141	57 020	137	47 463	52	8 755	10	802	471 852	70 608	51 144
Salt Lake	496	22 852	425	18 309	194	4 122	25	421	169 361	32 592	23 022
San Juan	78	6 210	75	4 612	21	(D)	6	(D)	179 717	33 418	15 386
Sanpete	636	74 843	601	50 707	311	23 105	60	1 031	371 728	102 792	57 233
Sevier	412	46 682	394	33 740	159	12 494	19	448	178 592	48 594	34 195
Summit	303	28 588	271	18 347	169	10 184	5	57	223 976	33 529	19 896
Tooele	203	18 110	192	12 564	53	5 428	10	118	397 606	38 288	14 872
Uintah	472	60 432	421	33 635	304	24 786	36	2 011	394 280	75 924	35 037
Utah	1 422	90 728	1 328	75 336	490	14 199	79	1 193	303 991	122 104	86 598
Wasatch	239	17 666	221	11 507	137	5 985	9	174	188 073	20 395	11 790
Washington	280	13 090	246	7 937	102	5 007	9	146	156 581	25 867	10 783
Wayne	165	16 461	160	11 795	71	4 610	5	56	48 128	20 578	11 900
Weber	681	35 776	622	25 844	339	9 534	42	398	187 749	42 832	28 384
Farms not on mail list	833	16 694	665	10 505	525	5 658	40	531	40 097	25 540	11 220

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
Utah	13 833	8 915	4 130	788	5.7	9 748	5 687	3 517	544	5.6
Beaver	189	130	55	4	2.1	165	110	52	3	1.8
Box Elder	1 108	653	366	89	8.0	924	499	346	79	8.5
Cache	1 214	706	443	65	5.4	1 001	529	412	60	6.0
Carbon	173	112	49	12	6.9	97	55	35	7	7.2
Daggett	28	20	8	–	–	26	18	8	–	–
Davis	565	328	195	42	7.4	360	166	161	33	9.2
Duchesne	590	371	191	28	4.7	469	275	178	16	3.4
Emery	378	258	109	11	2.9	251	167	80	4	1.6
Garfield	214	144	61	9	4.2	149	91	55	3	2.0
Grand	59	44	13	2	3.4	37	25	10	2	5.4
Iron	348	239	93	16	4.6	265	171	79	15	5.7
Juab	222	133	84	5	2.3	169	90	75	4	2.4
Kane	128	85	40	3	2.3	87	51	34	2	2.3
Millard	676	459	194	23	3.4	580	380	181	19	3.3
Morgan	198	133	50	15	7.6	138	82	45	11	8.0
Piute	115	83	29	3	2.6	103	72	29	2	1.9
Rich	161	101	55	5	3.1	141	84	53	4	2.8
Salt Lake	660	421	171	68	10.3	419	245	128	46	11.0
San Juan	213	116	87	10	4.7	178	85	84	9	5.1
Sanpete	756	454	268	34	4.5	616	348	245	23	3.7
Sevier	458	263	149	46	10.0	361	195	131	35	9.7
Summit	352	214	104	34	9.7	265	152	87	26	9.8
Tooele	263	171	77	15	5.7	175	103	64	8	4.6
Uintah	525	345	172	8	1.5	364	212	146	6	1.6
Utah	1 612	1 097	435	80	5.0	1 043	633	349	61	5.8
Wasatch	261	149	89	23	8.8	178	85	77	16	9.0
Washington	340	243	84	13	3.8	219	145	70	4	1.8
Wayne	181	142	32	7	3.9	158	125	30	3	1.9
Weber	777	477	251	49	6.3	502	263	202	37	7.4
Farms not on mail list	1 069	824	176	69	6.5	308	231	71	6	1.9

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

All Farms

	Individual or family		Partnership		Corporation				Other – cooperative, estate or trust, institutional, etc.	
					Family held		Other than family held			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Utah	11 633	4 956 822	1 423	2 043 247	441	1 800 201	38	80 129	298	1 637 269
Beaver	153	61 072	29	43 835	3	56 208	1	(D)	3	(D)
Box Elder	895	773 554	138	456 935	48	365 930	3	10 800	24	122 921
Cache	1 020	193 886	131	43 675	25	36 734	–	–	38	19 730
Carbon	143	113 884	23	52 174	4	64 731	–	–	3	17 132
Daggett	21	24 872	3	10 996	3	(D)	1	(D)	–	–
Davis	465	28 895	69	14 331	17	48 767	2	(D)	12	(D)
Duchesne	501	242 114	65	115 016	15	16 480	2	(D)	7	(D)
Emery	328	119 009	29	32 945	9	19 738	–	–	12	40 254
Garfield	177	91 287	26	26 122	3	5 524	3	769	5	6 089
Grand	45	17 521	7	86 558	4	60 505	–	–	3	9 902
Iron	272	273 517	48	77 640	21	84 177	–	–	7	25 147
Juab	175	125 963	37	29 587	5	(D)	2	(D)	3	56 900
Kane	103	148 929	17	40 502	5	50 553	–	–	3	2 547
Millard	547	318 286	70	114 486	33	56 118	7	8 375	19	56 305
Morgan	161	122 896	28	107 850	3	2 517	2	(D)	4	(D)
Piute	99	31 991	13	20 429	3	14 251	–	–	–	–
Rich	129	144 728	17	73 892	12	259 451	–	–	3	16 383
Salt Lake	533	171 378	70	24 912	33	(D)	1	(D)	23	7 058
San Juan	158	274 964	38	90 892	9	30 862	1	(D)	7	(D)
Sanpete	637	273 575	74	97 436	34	41 057	–	–	11	31 505
Sevier	386	116 446	45	56 198	17	11 946	4	2 978	6	6 751
Summit	294	183 265	36	23 206	16	71 514	–	–	6	37 547
Tooele	212	137 509	32	132 113	11	171 070	–	–	8	54 802
Uintah	471	313 598	36	62 595	8	37 872	3	3 215	7	982 780
Utah	1 387	268 389	128	46 187	53	83 102	2	(D)	42	(D)
Wasatch	224	76 803	23	76 170	6	48 729	–	–	8	9 338
Washington	279	126 194	40	54 203	12	36 340	1	(D)	8	(D)
Wayne	149	40 120	18	5 819	8	(D)	2	(D)	4	46 276
Weber	661	100 612	84	21 454	15	79 596	1	(D)	16	(D)
Farms not on mail list	1 008	41 565	49	5 089	6	270	–	–	6	180

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
Utah	13 458	375	51.2	8 898	3 631	8 860	1 282	1 486	6 092	6 202	7 631
Beaver	184	5	49.4	96	69	100	23	26	51	120	69
Box Elder	1 066	42	51.0	756	245	634	115	124	395	606	502
Cache	1 182	32	52.0	843	249	671	89	112	470	638	576
Carbon	171	2	48.4	114	46	127	11	19	97	53	120
Daggett	28	–	53.6	19	7	11	2	4	5	19	9
Davis	545	20	54.2	391	117	363	42	51	270	230	335
Duchesne	568	22	49.7	427	103	354	57	69	228	326	264
Emery	372	6	49.5	227	114	280	24	40	216	132	246
Garfield	208	6	53.0	99	85	147	29	34	84	99	115
Grand	57	2	49.1	46	10	40	5	9	26	24	35
Iron	346	2	52.1	146	166	188	41	38	109	182	166
Juab	218	4	51.8	93	91	145	10	39	96	95	127
Kane	123	5	57.1	52	65	93	18	15	60	48	80
Millard	656	20	51.0	384	233	378	75	91	212	409	267
Morgan	193	5	49.7	139	40	134	22	23	89	82	116
Piute	112	3	51.4	80	22	60	15	14	31	70	45
Rich	158	3	51.3	107	37	88	20	20	48	102	59
Salt Lake	640	20	51.9	444	142	422	56	61	305	251	409
San Juan	199	14	51.1	84	110	137	39	21	77	118	95
Sanpete	740	16	51.9	366	320	480	127	108	245	423	333
Sevier	454	4	51.9	216	184	273	53	37	183	252	206
Summit	334	18	52.1	241	82	237	31	36	170	146	206
Tooele	255	8	52.5	171	67	187	28	31	128	103	160
Uintah	504	21	51.6	368	93	350	42	74	234	223	302
Utah	1 576	36	52.1	1 026	416	1 061	121	172	768	621	991
Wasatch	254	7	52.5	173	67	175	18	23	134	103	158
Washington	330	10	55.9	166	139	216	37	54	125	153	187
Wayne	176	5	51.6	117	43	98	13	31	54	101	80
Weber	749	28	53.2	563	144	493	53	62	378	312	465
Farms not on mail list	1 060	9	43.5	944	125	918	66	48	804	161	908

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		
			Farming	Other than farming		Farming	Other than farming	
Utah	13 833	3 840	3 094	746	9 856	3 003	6 853	137
Beaver	189	86	75	11	100	43	57	3
Box Elder	1 108	502	400	102	594	195	399	12
Cache	1 214	465	402	63	733	226	507	16
Carbon	173	20	16	4	151	35	116	2
Daggett	28	12	12	–	16	7	9	–
Davis	565	133	103	30	427	123	304	5
Duchesne	590	179	153	26	409	171	238	2
Emery	378	48	40	8	321	87	234	9
Garfield	214	45	36	9	165	59	106	4
Grand	59	15	13	2	44	11	33	–
Iron	348	137	114	23	208	66	142	3
Juab	222	49	40	9	171	54	117	2
Kane	128	26	12	14	101	35	66	1
Millard	676	290	244	46	378	158	220	8
Morgan	198	69	55	14	128	27	101	1
Piute	115	50	40	10	65	30	35	–
Rich	161	75	65	10	84	35	49	2
Salt Lake	660	170	118	52	483	128	355	7
San Juan	213	87	75	12	125	42	83	1
Sanpete	756	285	211	74	467	209	258	4
Sevier	458	143	122	21	310	126	184	5
Summit	352	105	74	31	243	68	175	4
Tooele	263	45	38	7	214	64	150	4
Uintah	525	101	82	19	420	138	282	4
Utah	1 612	340	273	67	1 255	334	921	17
Wasatch	261	62	51	11	192	48	144	7
Washington	340	71	53	18	264	95	169	5
Wayne	181	52	44	8	125	53	72	4
Weber	777	172	133	39	600	175	425	5
Farms not on mail list	1 069	6	–	6	1 063	161	902	–

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)	Sugar crop, Irish potato, hay, peanut, and other field crop (0133, 0134, 0139)		
Utah	13 833	1 138	2 097	–	–	2 097	191	617
Beaver	189	3	44	–	–	44	–	–
Box Elder	1 108	225	134	–	–	134	34	88
Cache	1 214	173	187	–	–	187	15	18
Carbon	173	3	32	–	–	32	–	2
Daggett	28	–	1	–	–	1	–	–
Davis	565	35	101	–	–	101	50	56
Duchesne	590	15	79	–	–	79	–	1
Emery	378	6	37	–	–	37	3	6
Garfield	214	1	14	–	–	14	–	3
Grand	59	–	17	–	–	17	2	6
Iron	348	22	97	–	–	97	–	4
Juab	222	34	36	–	–	36	–	2
Kane	128	4	6	–	–	6	–	6
Millard	676	62	254	–	–	254	–	1
Morgan	198	8	34	–	–	34	–	–
Piute	115	–	18	–	–	18	–	–
Rich	161	13	11	–	–	11	–	4
Salt Lake	660	55	122	–	–	122	25	19
San Juan	213	98	14	–	–	14	–	–
Sanpete	756	21	93	–	–	93	–	–
Sevier	458	32	92	–	–	92	–	1
Summit	352	1	46	–	–	46	–	1
Tooele	263	19	38	–	–	38	1	–
Uintah	525	13	59	–	–	59	–	–
Utah	1 612	182	166	–	–	166	19	247
Wasatch	261	6	46	–	–	46	–	–
Washington	340	8	42	–	–	42	2	41
Wayne	181	5	12	–	–	12	1	2
Weber	777	52	143	–	–	143	29	32
Farms not on mail list	1 069	42	122	–	–	122	10	77

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

All Farms
Part 2 of 2

	Horticultural specialty (018)	General, primarily crop (019)	Livestock except dairy, poultry, and animal specialty (021)		Dairy (024)	Poultry and egg (025)	Animal specialty (027)	General, primarily livestock (029)
			Total	Beef cattle, except feedlots (0212)				
Utah	154	559	6 907	4 534	1 105	156	677	232
Beaver	–	5	96	84	33	–	5	3
Box Elder	12	83	366	238	119	4	21	22
Cache	4	56	348	238	347	4	43	19
Carbon	–	4	119	83	–	2	7	4
Daggett	–	–	27	25	–	–	–	–
Davis	24	33	199	126	33	2	30	2
Duchesne	1	8	407	327	56	1	16	6
Emery	–	18	279	216	9	1	7	12
Garfield	–	8	167	148	5	–	10	6
Grand	1	1	27	23	–	–	5	–
Iron	4	24	183	107	7	–	3	4
Juab	–	9	130	90	7	–	2	2
Kane	1	2	104	91	3	–	1	1
Millard	1	24	267	163	40	1	15	11
Morgan	1	7	91	69	20	–	34	3
Piute	–	–	75	55	20	–	2	–
Rich	–	–	130	114	–	–	1	2
Salt Lake	30	23	205	84	24	14	131	12
San Juan	2	4	93	84	2	–	–	–
Sanpete	2	15	460	216	54	92	11	8
Sevier	1	19	264	155	30	5	9	5
Summit	2	13	203	133	40	2	32	12
Tooele	1	9	174	109	2	4	11	4
Uintah	1	20	391	276	11	1	18	11
Utah	19	60	697	346	85	13	108	16
Wasatch	1	8	158	114	26	–	7	9
Washington	7	15	201	153	9	4	5	6
Wayne	–	2	145	85	10	–	2	2
Weber	22	35	302	200	96	6	50	10
Farms not on mail list	17	54	599	382	17	–	91	40

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)
Utah	13 696	9 748	961	1 442	1 437	1 779	2 003	2 126	3 948	669	816	2 463
Beaver	186	165	30	35	21	24	32	23	21	6	2	13
Box Elder	1 096	924	131	184	187	170	137	115	172	40	27	105
Cache	1 198	1 001	116	203	146	159	199	178	197	32	52	113
Carbon	171	97	4	9	7	17	29	31	74	9	15	50
Daggett	28	26	1	8	3	4	3	7	2	–	–	2
Davis	560	360	42	49	42	60	77	90	200	37	47	116
Duchesne	588	469	28	63	88	106	82	102	119	24	19	76
Emery	369	251	7	12	29	46	68	89	118	22	16	80
Garfield	210	149	4	19	22	36	35	33	61	14	15	32
Grand	59	37	6	3	6	8	6	8	22	3	3	16
Iron	345	265	35	48	54	40	47	41	80	17	14	49
Juab	220	169	9	19	21	32	47	41	51	11	14	26
Kane	127	87	2	7	17	11	22	28	40	9	9	22
Millard	668	580	60	115	115	121	105	64	88	12	23	53
Morgan	197	138	20	27	22	18	22	29	59	9	13	37
Piute	115	103	6	20	24	16	16	21	12	2	2	8
Rich	159	141	13	23	39	31	23	12	18	3	7	8
Salt Lake	653	419	45	53	72	68	73	108	234	31	52	151
San Juan	212	178	15	33	39	37	19	35	34	4	16	14
Sanpete	752	616	110	93	82	115	118	98	136	30	29	77
Sevier	453	361	36	59	48	81	80	57	92	22	17	53
Summit	348	265	22	46	37	49	58	53	83	15	16	52
Tooele	259	175	13	11	21	40	43	47	84	14	24	46
Uintah	521	364	20	36	45	70	95	98	157	19	35	103
Utah	1 595	1 043	99	130	111	185	249	269	552	104	120	328
Wasatch	254	178	21	17	24	35	26	55	76	12	21	43
Washington	335	219	11	31	29	40	42	66	116	20	20	76
Wayne	177	158	1	18	33	38	42	26	19	3	8	8
Weber	772	502	54	71	47	81	105	144	270	45	67	158
Farms not on mail list	1 069	308	–	–	6	41	103	158	761	100	113	548

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

	Products sold		Crops, including nursery and greenhouse products		Livestock and livestock products		Poultry and poultry products	
	Total ($1,000)	Average per farm (dollars)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Utah	468 195	33 846	6 742	102 608	10 107	311 005	473	54 583
Beaver	11 540	61 060	66	2 781	152	8 759	–	–
Box Elder	52 349	47 247	785	19 892	697	32 431	25	26
Cache	46 540	38 336	729	(D)	873	39 478	18	(D)
Carbon	2 111	12 204	60	(D)	142	1 914	4	(D)
Daggett	827	29 551	3	(D)	27	822	1	(D)
Davis	18 806	33 285	360	8 102	337	10 699	24	5
Duchesne	14 050	23 813	175	1 469	512	12 565	14	16
Emery	3 961	10 480	105	478	320	3 478	10	5
Garfield	3 211	15 005	47	(D)	192	2 869	3	(D)
Grand	1 566	26 535	35	(D)	39	1 273	2	(D)
Iron	15 334	44 063	192	7 107	257	8 226	5	1
Juab	4 631	20 861	138	1 192	158	3 439	3	(Z)
Kane	1 679	13 118	26	(D)	117	1 466	1	(D)
Millard	40 615	60 081	481	(D)	439	23 416	15	(D)
Morgan	6 329	31 966	74	301	163	6 028	–	–
Piute	3 255	28 301	32	(D)	101	2 971	1	(D)
Rich	6 310	39 191	67	(D)	137	5 783	2	(D)
Salt Lake	23 146	35 070	330	(D)	429	10 336	42	(D)
San Juan	6 784	31 850	150	(D)	133	4 050	3	(D)
Sanpete	49 444	65 403	294	2 290	599	18 799	99	28 356
Sevier	28 080	61 309	228	2 259	349	23 538	11	2 282
Summit	10 671	30 316	107	(D)	296	10 191	5	(D)
Tooele	7 327	27 858	107	(D)	211	5 623	13	(D)
Uintah	11 643	22 177	155	(D)	451	10 477	9	(D)
Utah	51 738	32 096	910	12 782	1 052	26 436	44	12 521
Wasatch	6 549	25 094	87	310	207	6 239	4	1
Washington	7 360	21 647	157	(D)	248	5 022	13	(D)
Wayne	3 177	17 553	48	(D)	165	2 971	1	(D)
Weber	26 346	33 907	420	(D)	526	19 954	29	(D)
Farms not on mail list	2 815	2 633	374	1 058	778	1 748	72	9

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)
Utah	456 689	46 850	5 103	99 873	7 641	302 971	296	53 846
Beaver	11 484	69 598	62	2 775	137	8 709	–	–
Box Elder	51 821	56 083	700	19 702	602	32 095	15	23
Cache	45 643	45 597	611	(D)	763	38 925	14	(D)
Carbon	1 962	20 225	34	148	90	(D)	2	(D)
Daggett	(D)	(D)	3	6	26	(D)	1	(D)
Davis	18 375	51 043	252	7 830	241	10 541	12	4
Duchesne	13 333	28 429	147	(D)	419	11 893	13	(D)
Emery	3 809	15 174	69	(D)	233	3 368	4	(D)
Garfield	3 119	20 932	36	(D)	143	2 799	1	(D)
Grand	1 543	41 716	28	286	22	1 257	–	–
Iron	15 061	56 834	157	7 063	212	7 998	5	1
Juab	4 386	25 953	111	1 115	129	3 271	3	(Z)
Kane	1 618	18 603	17	(D)	82	1 415	1	(D)
Millard	40 227	69 358	428	(D)	400	23 157	15	(D)
Morgan	6 253	45 309	43	261	128	5 992	–	–
Piute	3 240	31 454	28	(D)	93	2 961	1	(D)
Rich	6 283	44 561	57	(D)	126	5 769	2	(D)
Salt Lake	22 082	52 702	231	(D)	284	9 577	25	(D)
San Juan	6 729	37 802	138	(D)	110	4 022	2	(D)
Sanpete	49 081	79 677	246	(D)	508	18 679	97	(D)
Sevier	27 747	76 862	181	2 187	294	23 280	7	2 280
Summit	10 576	39 908	79	(D)	246	10 127	3	(D)
Tooele	7 215	41 230	81	(D)	152	5 544	10	(D)
Uintah	11 463	31 492	125	(D)	331	10 330	6	(D)
Utah	48 787	46 776	616	12 174	748	24 310	30	12 303
Wasatch	6 346	35 649	53	(D)	158	6 078	2	(D)
Washington	7 127	32 542	105	(D)	182	4 850	8	(D)
Wayne	(D)	(D)	39	(D)	149	2 954	1	(D)
Weber	25 347	50 492	277	(D)	382	19 270	16	(D)
Farms not on mail list	2 063	6 698	149	880	251	1 183	–	–

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)
Utah	5 876	75 247	9 000	102 865	3 337	399 917	56 651	8 436	3 751	6 389	7 169
Beaver	68	1 674	146	2 286	45	5 367	758	140	75	97	145
Box Elder	400	7 835	622	7 246	283	20 100	2 640	569	436	648	1 020
Cache	431	5 749	722	9 587	485	37 119	4 531	775	578	702	452
Carbon	88	161	132	446	40	456	62	122	30	83	39
Daggett	16	124	25	116	3	218	22	23	11	7	5
Davis	191	3 328	313	2 470	86	5 597	702	286	90	310	806
Duchesne	265	1 913	421	2 341	158	2 362	380	474	174	266	270
Emery	151	767	276	1 040	67	1 083	160	258	74	226	130
Garfield	88	515	161	428	44	472	53	139	50	94	99
Grand	17	328	39	286	10	467	55	25	11	29	20
Iron	165	2 852	207	1 104	33	4 376	515	165	69	129	478
Juab	96	1 123	150	496	25	367	45	134	33	120	93
Kane	44	102	102	190	38	271	32	55	10	43	14
Millard	268	8 520	385	5 927	142	8 139	1 317	392	217	355	656
Morgan	96	981	156	1 618	47	3 272	470	155	76	76	44
Piute	50	344	81	474	31	1 065	145	88	24	49	38
Rich	77	1 043	109	978	32	1 163	185	114	69	56	68
Salt Lake	263	1 752	425	6 462	170	29 940	4 174	361	156	266	470
San Juan	77	1 174	141	738	27	742	100	105	43	88	53
Sanpete	366	7 947	529	21 422	249	121 135	18 944	553	370	377	279
Sevier	222	9 638	287	7 493	115	23 156	3 156	279	161	247	195
Summit	179	1 142	281	2 263	90	6 351	745	226	89	83	37
Tooele	101	524	186	1 389	23	7 953	825	171	49	103	37
Uintah	248	1 861	417	2 104	72	4 339	533	353	109	225	115
Utah	585	4 507	857	13 913	287	72 522	10 436	936	350	740	878
Wasatch	114	1 448	197	1 506	94	4 708	690	171	71	87	28
Washington	114	1 206	241	1 230	58	2 266	336	172	33	134	349
Wayne	109	386	142	521	38	675	91	144	33	89	51
Weber	404	5 598	491	6 200	146	32 819	4 353	440	202	350	241
Farms not on mail list	583	704	759	593	399	1 422	196	611	57	310	60

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)	Farms	Expenses ($1,000)
Utah	6 638	11 985	6 594	4 676	6 466	35 054	1 335	3 057	6 789	6 306	13 712	31 821
Beaver	68	154	107	115	100	782	25	43	96	136	188	1 215
Box Elder	752	2 892	739	778	630	3 784	181	575	574	883	1 104	3 817
Cache	653	831	741	285	749	2 760	109	144	703	516	1 192	2 550
Carbon	100	60	83	28	48	188	15	10	50	29	175	232
Daggett	16	32	7	10	15	98	3	2	8	4	28	87
Davis	322	522	286	189	280	1 677	46	117	308	270	564	1 016
Duchesne	364	710	204	90	185	668	51	122	217	154	586	1 332
Emery	208	301	209	73	104	211	35	72	171	65	378	537
Garfield	110	117	56	22	96	233	13	10	108	50	210	396
Grand	32	30	21	11	21	175	4	9	17	12	59	139
Iron	141	610	130	164	162	1 216	23	86	180	208	339	1 932
Juab	72	84	110	77	97	345	31	31	116	185	217	522
Kane	40	30	39	10	56	158	12	17	47	37	129	203
Millard	401	1 492	504	940	342	3 710	59	99	422	737	673	3 911
Morgan	37	20	66	12	100	630	25	32	83	59	198	298
Piute	43	39	60	50	59	231	6	23	61	72	115	268
Rich	58	132	43	84	101	835	8	17	72	77	160	562
Salt Lake	263	460	272	173	328	2 284	77	241	262	253	656	1 338
San Juan	23	39	98	102	96	683	9	20	117	277	213	556
Sanpete	308	373	383	141	408	2 512	75	232	419	348	749	2 030
Sevier	236	348	254	174	229	1 198	13	16	276	367	443	1 017
Summit	105	71	78	32	191	867	53	64	127	53	350	436
Tooele	91	114	93	99	177	833	24	52	99	74	258	727
Uintah	248	304	208	153	201	599	41	107	267	136	527	1 021
Utah	980	1 373	947	586	810	5 501	205	624	893	672	1 591	2 992
Wasatch	83	71	38	15	136	628	22	26	124	72	260	390
Washington	148	127	137	63	120	679	29	67	133	115	342	662
Wayne	103	110	60	14	96	200	11	18	107	59	180	320
Weber	352	444	314	136	372	1 264	69	167	432	267	766	965
Farms not on mail list	281	92	307	51	157	108	61	14	300	118	1 062	349

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				
						Storage capacity					Storage capacity	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)
Utah	13 712	31 821	13 202	13 011	22 001	5 168	2 976	7 722	6 082	13 356	4 189	2 351
Beaver	188	1 215	179	376	654	90	108	122	205	450	70	139
Box Elder	1 104	3 817	1 077	1 510	2 518	613	418	861	1 113	2 401	544	433
Cache	1 192	2 550	1 108	1 009	1 703	468	182	798	618	1 364	402	146
Carbon	175	232	171	146	251	64	25	89	36	79	47	18
Daggett	28	87	28	56	96	17	12	16	18	37	8	3
Davis	564	1 016	548	412	703	183	99	232	161	347	128	83
Duchesne	586	1 332	563	722	1 204	322	179	364	227	484	232	91
Emery	378	537	353	296	497	173	67	282	106	223	157	45
Garfield	210	396	205	241	394	72	67	113	61	134	50	39
Grand	59	139	51	58	98	15	13	34	23	51	12	10
Iron	339	1 932	327	488	815	190	173	198	189	430	110	113
Juab	217	522	207	213	363	74	48	157	134	315	74	43
Kane	129	203	127	101	165	42	19	49	32	73	25	11
Millard	673	3 911	657	1 235	2 130	461	289	547	636	1 425	387	249
Morgan	198	298	196	150	250	87	39	103	50	107	66	20
Piute	115	268	110	137	228	64	64	79	48	107	37	24
Rich	160	562	159	273	468	78	56	124	120	273	80	44
Salt Lake	656	1 338	643	401	708	181	92	310	172	377	163	83
San Juan	213	556	193	273	452	92	89	180	158	342	89	72
Sanpete	749	2 030	740	1 016	1 713	265	127	449	338	735	218	94
Sevier	443	1 017	423	473	797	158	101	298	209	435	126	64
Summit	350	436	342	219	372	92	34	136	64	145	53	18
Tooele	258	727	254	243	409	114	52	121	103	224	76	26
Uintah	527	1 021	514	572	944	182	82	278	205	451	150	75
Utah	1 591	2 992	1 492	1 114	1 925	444	261	818	575	1 260	406	203
Wasatch	260	390	254	203	343	99	39	113	39	87	70	17
Washington	342	662	327	276	441	97	50	131	166	399	75	66
Wayne	180	320	178	182	302	95	46	123	59	126	60	21
Weber	766	965	738	432	741	185	78	359	179	392	180	67
Farms not on mail list	1 062	349	1 038	188	317	151	66	238	38	81	94	33

All Farms Part 2 of 3

	LP gas, butane, and propane					Fuel oil				
				Storage capacity					Storage capacity	
	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)	Farms	Expenses ($1,000)	Purchased (1,000 gallons)	Farms	Size (1,000 gallons)
Utah	1 658	934	2 278	703	348	938	342	756	179	144
Beaver	20	22	49	7	3	21	14	30	2	(D)
Box Elder	176	69	161	59	32	81	35	73	27	7
Cache	206	93	232	100	32	99	18	39	17	4
Carbon	12	(D)	14	1	(D)	1	(D)	(D)	1	(D)
Daggett	4	1	4	2	(D)	1	(D)	(D)	–	–
Davis	29	10	23	10	5	22	4	9	4	(Z)
Duchesne	98	46	127	63	30	26	12	26	3	2
Emery	55	9	20	22	8	16	2	5	–	–
Garfield	8	5	12	3	6	9	3	6	4	2
Grand	11	7	19	7	7	7	2	3	1	(D)
Iron	30	15	34	8	5	21	7	18	3	3
Juab	35	9	20	16	8	49	9	19	2	(D)
Kane	12	3	8	3	1	9	5	10	3	1
Millard	200	95	220	91	26	80	51	118	13	18
Morgan	26	7	16	9	3	14	1	2	1	(D)
Piute	3	(D)	2	2	(D)	11	2	4	–	–
Rich	28	19	48	13	7	20	9	20	6	5
Salt Lake	64	11	24	22	4	88	35	81	19	42
San Juan	47	17	45	20	17	1	(D)	(D)	–	–
Sanpete	132	226	553	68	67	42	19	41	9	18
Sevier	40	83	199	16	6	26	15	35	3	2
Summit	20	6	15	8	6	32	7	17	6	2
Tooele	32	17	37	11	4	27	6	13	4	4
Uintah	70	28	74	31	20	39	7	14	8	4
Utah	158	58	137	63	33	93	43	97	22	7
Wasatch	23	8	16	10	2	12	6	13	3	3
Washington	24	38	84	6	6	27	2	5	6	2
Wayne	11	2	5	3	1	14	5	11	4	2
Weber	52	15	34	16	6	39	7	14	2	(D)
Farms not on mail list	32	9	45	13	1	11	16	32	6	12

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

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

All Farms
Part 3 of 3

	Natural gas		Kerosene, motor oil, and grease		Electricity		Other—coal, wood, coke, etc.	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Utah	630	757	13 681	1 583	7 477	8 807	988	306
Beaver	2	(D)	183	44	122	547	23	(D)
Box Elder	131	53	1 104	186	763	845	34	6
Cache	89	62	1 187	143	765	594	56	13
Carbon	6	4	175	17	70	18	41	5
Daggett	–	–	28	4	22	7	7	(D)
Davis	49	183	564	59	270	182	22	4
Duchesne	23	10	586	74	388	218	89	23
Emery	16	5	378	38	163	72	60	9
Garfield	–	–	210	28	120	54	18	4
Grand	4	4	59	7	37	37	10	2
Iron	–	–	335	53	221	1 176	8	3
Juab	–	–	217	17	129	135	24	5
Kane	–	–	129	14	53	47	13	2
Millard	14	7	673	143	479	1 665	75	80
Morgan	31	12	198	18	123	59	15	1
Piute	1	(D)	115	12	78	66	14	2
Rich	–	–	160	32	104	98	15	10
Salt Lake	68	225	656	71	357	419	37	6
San Juan	–	–	213	38	129	69	2	(D)
Sanpete	–	–	749	106	390	278	91	46
Sevier	–	–	442	60	202	171	32	8
Summit	29	15	350	27	170	90	26	9
Tooele	12	5	258	27	156	320	22	5
Uintah	6	3	527	61	275	132	64	13
Utah	83	120	1 590	151	741	914	94	18
Wasatch	17	7	260	22	160	95	30	11
Washington	–	–	332	26	168	153	14	(Z)
Wayne	–	–	180	15	122	53	21	4
Weber	49	41	766	59	325	225	31	7
Farms not on mail list	–	–	1 057	30	375	68	–	–

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

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

All Farms

			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	Expenses ($1,000)	Forms	Workers	Expenses ($1,000)	Forms	Workers	Expenses ($1,000)	Farms	less than 150 days	150 days or more	Expenses ($1,000)
Utah	6 466	35 054	4 272	15 165	4 774	783	1 646	7 371	1 411	8 974	3 971	22 910
Beaver	100	782	58	139	71	19	51	276	23	72	68	435
Box Elder	630	3 784	358	1 474	565	93	187	914	179	1 035	445	2 304
Cache	749	2 760	513	1 751	401	103	208	765	133	505	304	1 593
Carbon	48	188	34	89	14	4	12	59	10	45	13	115
Daggett	15	98	8	25	10	4	7	48	3	6	5	41
Davis	280	1 677	200	1 041	189	25	63	234	55	879	223	1 253
Duchesne	185	668	113	693	137	35	91	237	37	111	99	294
Emery	104	211	75	217	(D)	9	(D)	(D)	20	131	28	112
Garfield	96	233	54	224	52	15	23	65	27	64	35	116
Grand	21	175	12	37	(D)	2	(D)	(D)	7	15	20	138
Iron	162	1 216	100	243	149	21	32	240	41	401	93	827
Juab	97	345	67	121	40	20	28	115	10	39	32	190
Kane	56	158	39	134	50	7	12	54	10	25	11	54
Millard	342	3 710	196	457	224	57	140	753	89	304	345	2 732
Morgan	100	630	53	190	74	8	20	72	39	302	122	484
Piute	59	231	31	47	27	17	25	98	11	99	17	105
Rich	101	835	66	232	86	16	29	116	19	190	77	633
Salt Lake	328	2 284	236	699	286	37	123	281	55	367	308	1 717
San Juan	96	683	53	159	60	11	28	161	32	182	75	462
Sanpete	408	2 512	237	776	278	44	90	539	127	560	259	1 695
Sevier	229	1 198	151	369	186	20	35	190	58	302	124	822
Summit	191	867	138	479	229	20	53	255	33	213	87	383
Tooele	177	833	140	376	99	11	34	410	26	160	68	324
Uintah	201	599	136	320	104	22	32	61	43	155	112	434
Utah	810	5 501	554	2 935	825	76	168	798	180	1 923	651	3 877
Wasatch	136	628	88	188	41	13	36	215	35	131	80	372
Washington	120	679	78	176	78	20	27	99	22	264	67	502
Wayne	96	200	56	219	54	25	30	66	15	22	19	80
Weber	372	1 264	277	1 088	266	23	38	180	72	472	184	818
Farms not on mail list	157	108	151	267	87	6	6	22	–	–	–	–

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

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

All Farms

	Total		Farms by estimated value of machinery and equipment								
	Farms	Estimated value ($1,000)	$1 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $29,999	$30,000 to $49,999	$50,000 to $69,999	$70,000 to $99,999	$100,000 to $199,999	$200,000 or more
Utah	13 772	379 093	1 935	3 982	2 642	1 508	1 586	789	500	611	219
Beaver	188	8 093	23	48	26	21	20	16	7	20	7
Box Elder	1 106	55 717	70	238	163	101	163	112	77	125	57
Cache	1 201	37 250	122	280	232	117	241	56	63	85	5
Carbon	175	3 991	29	41	39	29	17	11	3	4	2
Daggett	28	741	5	8	6	2	2	1	1	3	–
Davis	564	11 989	127	188	105	27	47	28	24	15	3
Duchesne	590	17 816	90	104	118	80	74	59	23	29	13
Emery	378	11 077	29	89	93	20	98	19	12	10	8
Garfield	208	5 364	32	47	46	29	25	13	5	10	1
Grand	59	1 503	11	14	11	12	1	4	1	4	1
Iron	349	13 282	43	89	70	28	47	14	4	43	11
Juab	217	6 558	10	49	65	7	44	19	13	9	1
Kane	129	2 875	18	45	27	15	16	2	–	4	2
Millard	674	33 054	54	119	137	78	63	81	49	49	44
Morgan	198	4 654	4	65	50	34	30	8	1	5	1
Piute	115	3 776	15	30	13	14	24	5	5	5	4
Rich	160	5 654	13	18	43	23	26	18	10	5	4
Salt Lake	661	14 045	116	164	166	82	75	26	8	20	4
San Juan	214	5 722	14	58	50	16	46	8	17	5	–
Sanpete	749	20 171	93	204	140	82	71	75	55	26	3
Sevier	455	10 384	46	136	69	107	51	23	12	8	3
Summit	350	7 940	15	109	65	60	68	22	3	7	1
Tooele	263	6 868	66	52	57	14	38	13	3	15	5
Uintah	527	10 889	71	139	122	108	29	35	4	15	4
Utah	1 603	39 164	269	568	297	160	126	75	34	50	24
Wasatch	260	4 818	44	67	78	25	18	13	8	7	–
Washington	342	6 760	71	109	68	27	38	8	11	7	3
Wayne	181	5 270	18	37	42	25	36	8	8	4	3
Weber	766	15 406	144	274	127	105	40	17	32	22	5
Farms not on mail list	1 062	8 263	273	593	117	60	12	–	7	–	–

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

All Farms
Part 1 of 10

	Inventory											
	Cattle and calves		Cows and heifers that had calved						Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Utah	8 780	810 543	7 353	396 715	5 870	317 931	2 646	78 784	6 605	205 859	7 250	207 969
Beaver	141	25 626	126	13 757	108	10 122	39	3 635	118	5 590	127	6 279
Box Elder	604	87 222	484	37 764	334	28 418	208	9 346	447	26 436	502	23 022
Cache	800	61 051	635	27 510	282	7 519	419	19 991	611	17 891	673	15 650
Carbon	120	10 606	108	6 431	103	6 408	17	23	86	2 190	104	1 985
Daggett	26	3 745	23	2 543	22	2 531	7	12	19	442	24	760
Davis	290	25 348	211	8 988	168	6 432	68	2 556	188	5 471	239	10 889
Duchesne	473	46 478	445	27 513	385	24 321	167	3 192	391	9 974	401	8 991
Emery	308	20 994	288	12 544	271	11 957	72	587	255	4 459	273	3 991
Garfield	180	15 964	165	10 447	156	10 228	50	219	146	2 657	158	2 860
Grand	34	5 843	33	2 725	29	2 684	12	41	26	1 919	30	1 199
Iron	211	22 294	177	9 054	157	8 251	48	803	171	6 275	175	6 965
Juab	144	17 131	132	8 727	117	8 591	31	136	119	4 034	126	4 370
Kane	109	9 793	89	6 097	84	6 047	20	50	97	2 058	96	1 638
Millard	413	70 005	355	28 257	304	24 615	117	3 642	353	19 144	358	22 604
Morgan	131	7 672	108	4 286	79	2 898	47	1 388	95	1 767	108	1 619
Piute	86	9 174	81	4 975	68	3 681	33	1 294	79	2 147	75	2 052
Rich	127	36 310	121	22 343	120	22 299	30	44	116	8 305	123	5 662
Salt Lake	288	13 944	209	7 103	155	4 607	75	2 496	190	3 753	207	3 088
San Juan	132	23 082	120	13 979	111	13 869	30	110	96	4 931	104	4 172
Sanpete	466	42 144	430	19 743	365	14 607	112	5 136	390	13 105	390	9 296
Sevier	288	47 236	243	16 463	203	13 932	73	2 531	237	11 040	243	19 733
Summit	235	16 795	200	8 691	169	5 931	68	2 760	170	4 101	196	4 003
Tooele	184	16 701	167	10 522	151	10 425	56	97	146	3 751	167	2 428
Uintah	405	37 219	365	20 855	334	19 859	107	996	304	8 558	344	7 806
Utah	882	57 250	741	27 704	600	20 489	220	7 215	661	15 276	731	14 270
Wasatch	180	9 955	135	5 065	103	3 003	60	2 062	141	2 927	149	1 963
Washington	244	20 192	204	9 654	176	9 163	73	491	198	3 859	210	6 679
Wayne	136	12 648	126	7 757	102	7 190	59	567	106	2 572	114	2 319
Weber	477	32 513	348	12 648	227	5 548	162	7 100	335	10 132	393	9 733
Farms not on mail list	666	5 608	484	2 570	387	2 306	166	264	314	1 095	410	1 943

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

All Farms
Part 2 of 10

	Sales											
	Cattle and calves			Calves			Cattle					
							Total			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)
Utah	8 140	471 540	168 082	4 311	151 221	36 107	6 614	320 319	131 975	1 609	133 749	63 417
Beaver	141	12 315	4 459	68	2 812	558	124	9 503	3 902	21	1 523	653
Box Elder	572	49 836	17 411	308	14 194	3 360	471	35 642	14 051	127	10 925	4 860
Cache	788	31 413	12 971	331	5 974	1 026	711	25 439	11 945	146	12 874	6 625
Carbon	103	5 431	1 598	69	2 362	509	77	3 069	1 090	6	(D)	(D)
Daggett	25	2 601	797	14	1 621	465	20	980	332	–	–	–
Davis	267	19 898	7 844	98	3 477	839	235	16 421	7 004	78	9 202	4 413
Duchesne	453	25 050	7 528	318	14 490	3 559	347	10 560	3 969	33	664	270
Emery	291	8 787	2 521	207	4 474	1 028	218	4 313	1 493	48	716	268
Garfield	170	8 526	2 512	127	5 021	1 169	131	3 505	1 342	7	25	12
Grand	32	4 115	1 197	21	2 522	603	19	1 593	594	1	(D)	(D)
Iron	188	12 321	4 655	110	3 537	882	145	8 784	3 773	24	(D)	(D)
Juab	133	8 909	2 959	92	3 601	833	100	5 308	2 126	39	2 866	1 304
Kane	109	4 652	1 284	76	2 947	764	74	1 705	520	8	20	7
Millard	395	47 541	17 865	156	9 263	2 110	339	38 278	15 755	127	25 421	11 202
Morgan	120	3 654	1 167	56	1 641	383	102	2 013	784	14	76	28
Piute	86	4 697	1 436	46	1 657	427	66	3 040	1 009	2	(D)	(D)
Rich	130	15 305	4 537	99	9 888	2 494	101	5 417	2 042	10	185	67
Salt Lake	233	7 452	2 329	88	2 277	403	207	5 175	1 926	83	1 482	636
San Juan	122	12 488	3 940	90	7 314	1 971	93	5 174	1 969	1	(D)	(D)
Sanpete	435	22 303	7 277	247	6 635	1 309	351	15 668	5 968	76	4 889	2 253
Sevier	276	42 269	19 140	140	3 624	852	230	38 645	18 288	62	26 239	13 509
Summit	224	8 816	2 971	110	3 055	724	186	5 761	2 246	24	173	95
Tooele	175	9 483	3 317	113	6 487	2 199	136	2 996	1 117	48	731	280
Uintah	367	21 720	6 671	237	9 861	2 521	254	11 859	4 150	46	3 134	1 325
Utah	799	29 788	10 559	360	7 461	1 582	674	22 327	8 977	319	12 275	5 336
Wasatch	170	5 051	1 739	78	1 843	433	144	3 208	1 306	17	143	53
Washington	228	12 859	4 228	142	5 552	1 487	181	7 307	2 741	39	3 714	1 564
Wayne	133	5 737	1 560	97	3 061	743	90	2 676	817	21	383	147
Weber	443	24 441	10 372	180	3 414	655	393	21 027	9 717	92	11 476	5 962
Farms not on mail list	532	4 082	1 241	233	1 156	218	395	2 926	1 023	90	192	70

All Farms
Part 3 of 10

	Cattle and calves—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
Utah	8 780	810 543	1 172	932	1 281	1 932	1 366	1 164	668	265	271 920
Beaver	141	25 626	3	5	17	25	34	16	28	13	12 165
Box Elder	604	87 222	57	41	76	107	120	86	75	42	39 353
Cache	800	61 051	52	71	91	207	170	157	47	5	5 392
Carbon	120	10 606	18	12	18	31	18	5	14	4	3 053
Daggett	26	3 745	–	2	2	6	3	6	6	1	(D)
Davis	290	25 348	49	48	50	46	41	33	15	8	10 734
Duchesne	473	46 478	32	38	50	115	88	91	48	11	9 823
Emery	308	20 994	30	30	43	79	63	43	17	3	1 830
Garfield	180	15 964	14	14	37	31	31	33	16	4	3 069
Grand	34	5 843	3	7	7	6	2	2	2	5	4 497
Iron	211	22 294	19	35	28	45	28	23	26	7	8 129
Juab	144	17 131	16	13	10	39	27	11	16	12	8 089
Kane	109	9 793	7	6	25	28	12	18	10	3	2 360
Millard	413	70 005	33	30	41	77	72	76	58	26	33 081
Morgan	131	7 672	19	19	15	41	17	11	7	2	(D)
Piute	86	9 174	1	3	7	16	23	21	15	–	–
Rich	127	36 310	–	3	8	18	24	30	27	17	20 949
Salt Lake	288	13 944	78	54	53	46	26	14	13	4	3 654
San Juan	132	23 082	14	11	22	37	7	11	17	13	14 126
Sanpete	466	42 144	35	45	50	114	101	79	32	10	9 116
Sevier	288	47 236	19	21	34	66	62	51	18	17	28 503
Summit	235	16 795	28	14	35	54	41	51	9	3	2 375
Tooele	184	16 701	20	22	25	52	32	21	7	5	7 616
Uintah	405	37 219	48	46	60	105	55	44	32	15	13 298
Utah	882	57 250	142	101	147	206	125	97	49	15	11 362
Wasatch	180	9 955	23	14	39	41	23	31	9	–	–
Washington	244	20 192	27	30	41	65	32	29	10	10	8 060
Wayne	136	12 648	11	7	10	37	27	29	11	4	2 238
Weber	477	32 513	74	66	75	115	62	45	34	6	7 488
Farms not on mail list	666	5 608	300	124	165	77	–	–	–	–	–

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

All Farms
Part 4 of 10

	Cows and heifers that had calved—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
Utah	7 353	396 715	1 612	839	1 084	1 626	1 161	620	330	81	70 955
Beaver	126	13 757	7	12	14	31	20	22	13	7	4 458
Box Elder	484	37 764	71	38	46	130	89	58	46	6	5 401
Cache	635	27 510	85	59	89	192	146	52	12	–	–
Carbon	108	6 431	31	10	18	24	5	9	10	1	(D)
Daggett	23	2 543	3	1	3	2	6	2	6	–	–
Davis	211	8 988	56	32	33	36	34	15	4	1	(D)
Duchesne	445	27 513	58	39	68	114	89	53	22	2	(D)
Emery	288	12 544	57	40	34	68	57	21	11	–	–
Garfield	165	10 447	25	23	25	27	32	20	11	2	(D)
Grand	33	2 725	9	9	6	1	1	1	4	2	(D)
Iron	177	9 054	44	13	32	36	20	24	6	2	(D)
Juab	132	8 727	22	8	18	46	13	13	10	2	(D)
Kane	89	6 097	16	7	21	13	14	10	7	1	(D)
Millard	355	28 257	47	25	53	93	64	33	36	4	6 200
Morgan	108	4 286	34	14	17	21	9	8	5	–	–
Piute	81	4 975	2	8	7	24	24	14	2	–	–
Rich	121	22 343	2	9	4	24	30	21	19	12	10 891
Salt Lake	209	7 103	90	39	25	26	8	15	4	2	(D)
San Juan	120	13 979	21	10	30	19	8	10	9	13	8 741
Sanpete	430	19 743	63	39	65	131	88	33	10	1	(D)
Sevier	243	16 463	35	23	33	75	48	19	6	4	5 655
Summit	200	8 691	36	17	42	43	45	13	2	2	(D)
Tooele	167	10 522	32	18	39	36	25	8	6	3	4 460
Uintah	365	20 855	76	46	61	74	45	34	24	5	3 974
Utah	741	27 704	195	100	122	152	105	42	21	4	2 546
Wasatch	135	5 065	32	10	28	21	32	10	2	–	–
Washington	204	9 654	56	28	23	45	26	15	8	3	1 600
Wayne	126	7 757	21	3	9	38	30	17	8	–	–
Weber	348	12 648	101	49	36	78	48	28	6	2	(D)
Farms not on mail list	484	2 570	285	110	83	6	–	–	–	–	–

All Farms
Part 5 of 10

	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
Utah	5 870	317 931	1 150	801	995	1 330	788	457	276	73	65 245
Beaver	108	10 122	7	12	13	28	17	15	12	4	2 333
Box Elder	334	28 418	48	31	32	88	51	43	35	6	5 394
Cache	282	7 519	72	53	57	64	17	14	5	–	–
Carbon	103	6 408	26	11	17	24	5	9	10	1	(D)
Daggett	22	2 531	2	1	3	2	6	2	6	–	–
Davis	168	6 432	42	31	31	31	20	10	2	1	(D)
Duchesne	385	24 321	41	39	63	99	76	44	21	2	(D)
Emery	271	11 957	47	37	35	68	53	21	10	–	–
Garfield	156	10 228	20	22	23	28	31	19	11	2	(D)
Grand	29	2 684	6	9	5	1	1	1	4	2	(D)
Iron	157	8 251	32	10	30	37	20	22	4	2	(D)
Juab	117	8 591	11	7	16	46	12	13	10	2	(D)
Kane	84	6 047	14	5	20	13	14	10	7	1	(D)
Millard	304	24 615	25	24	59	82	54	26	31	3	5 500
Morgan	79	2 898	26	13	13	14	4	5	4	–	–
Piute	68	3 681	1	8	11	20	15	12	1	–	–
Rich	120	22 299	1	9	5	23	30	21	19	12	10 885
Salt Lake	155	4 607	60	35	24	21	5	7	1	2	(D)
San Juan	111	13 869	18	6	29	19	7	10	10	12	8 241
Sanpete	365	14 607	48	41	62	113	67	28	6	–	–
Sevier	203	13 932	21		31	70	33	13	6	3	5 154
Summit	169	5 931	31	19	41	45	22	8	2	1	(D)
Tooele	151	10 425	19	16	39	35	25	8	6	3	4 460
Uintah	334	19 859	58	42	59	75	42	30	23	5	3 970
Utah	600	20 489	130	99	115	139	73	28	12	4	2 544
Wasatch	103	3 003	23	13	23	18	23	3	–	–	–
Washington	176	9 163	36	29	21	42	23	14	8	3	1 600
Wayne	102	7 190	5	2	8	37	27	15	8	–	–
Weber	227	5 548	81	45	34	42	15	6	2	2	(D)
Farms not on mail list	387	2 306	194	111	76	6	–	–	–	–	–

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

All Farms
Part 6 of 10

	Milk cows—inventory per farm										Dairy products sold	
	Total		Farms with—						500 or more			
	Farms	Number	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	Farms	Sales ($1,000)
Utah	2 646	78 784	1 536	120	392	384	161	49	4	3 200	1 326	92 024
Beaver	39	3 635	4	6	9	7	9	3	1	(D)	34	4 111
Box Elder	208	9 346	80	14	47	43	14	10	–	–	145	11 243
Cache	419	19 991	69	43	133	128	39	7	–	–	373	24 046
Carbon	17	23	17	–	–	–	–	–	–	–	–	–
Daggett	7	12	7	–	–	–	–	–	–	–	–	–
Davis	68	2 556	39	1	7	14	4	3	–	–	37	2 604
Duchesne	167	3 192	108	6	30	16	6	1	–	–	65	3 112
Emery	72	587	64	–	3	4	1	–	–	–	13	551
Garfield	50	219	45	3	–	2	–	–	–	–	10	100
Grand	12	41	11	1	–	–	–	–	–	–	2	(D)
Iron	48	803	41	2	1	–	2	2	–	–	11	1 058
Juab	31	136	28	1	2	–	–	–	–	–	9	88
Kane	20	50	19	1	–	–	–	–	–	–	7	31
Millard	117	3 642	74	5	21	5	7	4	1	(D)	48	3 886
Morgan	47	1 388	24	6	6	7	3	1	–	–	26	1 620
Piute	33	1 294	12	1	8	9	3	–	–	–	23	1 339
Rich	30	44	30	–	–	–	–	–	–	–	4	(D)
Salt Lake	75	2 496	55	1	5	3	8	3	–	–	32	3 114
San Juan	30	110	28	1	–	1	–	–	–	–	3	(D)
Sanpete	112	5 136	58	1	22	21	7	2	1	(D)	61	6 456
Sevier	73	2 531	38	3	13	13	5	–	1	(D)	38	2 787
Summit	68	2 760	23	4	16	22	1	2	–	–	51	3 391
Tooele	56	97	55	–	1	–	–	–	–	–	4	(D)
Uintah	107	996	93	3	1	7	3	–	–	–	16	766
Utah	220	7 215	141	7	14	35	16	7	–	–	111	9 027
Wasatch	60	2 062	30	4	9	7	9	1	–	–	34	2 460
Washington	73	491	66	–	3	3	1	–	–	–	10	606
Wayne	59	567	49	2	4	3	1	–	–	–	11	466
Weber	162	7 100	62	4	37	34	22	3	–	–	110	9 000
Farms not on mail list	166	264	166	–	–	–	–	–	–	–	38	35

All Farms
Part 7 of 10

	Cattle and calves—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Utah	8 140	471 540	168 082	2 768	1 591	1 898	969	527	276	111	161 522
Beaver	141	12 315	4 459	27	26	38	23	14	8	5	4 501
Box Elder	572	49 836	17 411	136	96	151	86	54	31	18	21 062
Cache	788	31 413	12 971	273	195	216	70	21	9	4	11 318
Carbon	103	5 431	1 598	35	20	24	8	8	7	1	(D)
Daggett	25	2 601	797	2	7	1	4	7	4	–	–
Davis	267	19 898	7 844	118	39	46	31	15	12	6	9 381
Duchesne	453	25 050	7 528	103	79	129	80	41	18	3	3 850
Emery	291	8 787	2 521	102	62	77	36	11	3	–	–
Garfield	170	8 526	2 512	45	31	45	19	24	6	–	–
Grand	32	4 115	1 197	16	2	5	1	–	5	3	2 018
Iron	188	12 321	4 655	50	51	38	22	18	6	3	4 091
Juab	133	8 909	2 959	29	33	30	17	10	11	3	1 923
Kane	109	4 652	1 284	43	20	24	10	6	5	1	(D)
Millard	395	47 541	17 865	83	70	97	68	44	22	11	26 304
Morgan	120	3 654	1 167	52	22	26	12	5	3	–	–
Piute	86	4 697	1 436	10	15	29	18	12	2	–	–
Rich	130	15 305	4 537	15	12	28	34	21	17	3	3 618
Salt Lake	233	7 452	2 329	129	40	26	16	16	4	2	(D)
San Juan	122	12 488	3 940	32	32	13	11	15	13	6	4 989
Sanpete	435	22 303	7 277	110	69	143	71	31	7	4	5 390
Sevier	276	42 269	19 140	66	62	61	41	26	9	11	29 945
Summit	224	8 816	2 971	44	59	71	28	19	3	–	–
Tooele	175	9 483	3 317	70	27	45	18	7	5	3	3 717
Uintah	367	21 720	6 671	110	74	94	40	22	22	5	5 598
Utah	799	29 788	10 559	331	155	174	74	34	24	7	4 769
Wasatch	170	5 051	1 739	62	31	47	23	5	2	–	–
Washington	228	12 859	4 228	82	43	41	33	18	6	5	4 471
Wayne	133	5 737	1 560	19	24	51	28	8	3	–	–
Weber	443	24 441	10 372	182	95	88	47	15	9	7	11 931
Farms not on mail list	532	4 082	1 241	392	100	40	–	–	–	–	–

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	Farms	Number
Utah	4 311	151 221	36 107	1 679	889	999	428	203	89	24	22 361
Beaver	68	2 812	558	17	19	20	6	3	2	1	(D)
Box Elder	308	14 194	3 360	106	44	85	40	24	6	3	2 954
Cache	331	5 974	1 026	161	70	78	13	7	2	–	–
Carbon	69	2 362	509	33	15	6	9	2	4	–	–
Daggett	14	1 621	465	1	–	1	5	4	3	–	–
Davis	98	3 477	839	49	14	17	10	5	2	1	(D)
Duchesne	318	14 490	3 559	96	60	87	49	14	9	3	3 000
Emery	207	4 474	1 028	80	52	55	14	6	–	–	–
Garfield	127	5 021	1 169	39	17	41	16	12	2	–	–
Grand	21	2 522	603	12	1	1	1	–	5	1	(D)
Iron	110	3 537	882	27	33	29	14	6	1	–	–
Juab	92	3 601	833	29	25	22	9	3	3	1	(D)
Kane	76	2 947	764	29	10	22	8	2	5	–	–
Millard	156	9 263	2 110	43	34	43	16	12	6	2	(D)
Morgan	56	1 641	383	23	10	14	4	5	–	–	–
Piute	46	1 657	427	6	13	15	8	4	–	–	–
Rich	99	9 888	2 494	12	9	23	27	17	8	3	2 673
Salt Lake	88	2 277	403	47	16	10	6	8	1	–	–
San Juan	90	7 314	1 971	27	21	11	10	11	7	3	2 251
Sanpete	247	6 635	1 309	85	69	59	23	10	–	1	(D)
Sevier	140	3 624	852	58	30	30	15	6	1	–	–
Summit	110	3 055	724	28	35	30	11	6	–	–	–
Tooele	113	6 487	2 199	41	19	31	13	4	3	2	(D)
Uintah	237	9 861	2 521	77	50	66	19	15	9	1	(D)
Utah	360	7 461	1 582	181	67	86	14	8	4	–	–
Wasatch	78	1 843	433	33	17	17	9	1	1	–	–
Washington	142	5 552	1 487	46	30	32	26	4	2	2	(D)
Wayne	97	3 061	743	23	15	39	17	2	1	–	–
Weber	180	3 414	655	97	34	29	16	2	2	–	–
Farms not on mail list	233	1 156	218	173	60	–	–	–	–	–	–

All Farms
Part 9 of 10

	Cattle—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Utah	6 614	320 319	131 975	2 950	1 239	1 335	538	301	171	80	127 814
Beaver	124	9 503	3 902	34	26	26	16	12	7	3	3 200
Box Elder	471	35 642	14 051	162	86	105	50	31	23	14	16 043
Cache	711	25 439	11 945	303	181	164	43	12	4	4	11 308
Carbon	77	3 069	1 090	31	16	20	2	4	3	1	(D)
Daggett	20	980	332	2	8	3	3	4	–	–	–
Davis	235	16 421	7 004	116	34	36	25	10	9	5	8 306
Duchesne	347	10 560	3 969	141	56	93	30	19	7	1	(D)
Emery	218	4 313	1 493	123	39	36	14	3	3	–	–
Garfield	131	3 505	1 342	57	30	24	7	11	2	–	–
Grand	19	1 593	594	9	–	5	–	1	4	–	–
Iron	145	8 784	3 773	64	33	19	14	6	7	2	(D)
Juab	100	5 308	2 126	44	12	17	11	7	7	2	(D)
Kane	74	1 705	520	37	19	11	4	1	2	–	–
Millard	339	38 278	15 755	87	51	98	49	29	15	10	22 570
Morgan	102	2 013	784	54	19	20	5	3	1	–	–
Piute	66	3 040	1 009	10	15	18	13	9	1	–	–
Rich	101	5 417	2 042	31	16	27	11	8	7	1	(D)
Salt Lake	207	5 175	1 926	128	32	24	12	7	2	2	(D)
San Juan	93	5 174	1 969	39	13	20	8	6	5	2	(D)
Sanpete	351	15 668	5 968	132	56	96	36	23	5	3	4 430
Sevier	230	38 645	18 288	76	42	46	31	16	9	10	29 345
Summit	186	5 761	2 246	61	50	48	13	11	3	–	–
Tooele	136	2 996	1 117	84	20	19	8	2	2	1	(D)
Uintah	254	11 859	4 150	114	56	40	20	9	12	3	3 740
Utah	674	22 327	8 977	313	146	110	52	29	18	6	4 249
Wasatch	144	3 208	1 306	68	22	38	12	2	2	–	–
Washington	181	7 307	2 741	99	24	27	14	11	2	4	3 054
Wayne	90	2 676	817	38	12	23	11	5	1	–	–
Weber	393	21 027	9 717	187	76	82	24	10	8	6	11 431
Farms not on mail list	395	2 926	1 023	306	49	40	–	–	–	–	–

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

All Farms
Part 10 of 10

	Fattened cattle—sales per farm										
	Total			Farms with—						500 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Utah	1 609	133 749	63 417	810	264	248	121	76	45	45	88 778
Beaver	21	1 523	653	10	3	2	3	1	1	1	(D)
Box Elder	127	10 925	4 860	36	31	25	15	6	7	7	5 548
Cache	146	12 874	6 625	82	30	25	5	–	1	3	10 760
Carbon	6	(D)	(D)	3	1	1	–	–	1	–	–
Daggett	–	–	–	–	–	–	–	–	–	–	–
Davis	78	9 202	4 413	42	8	8	11	2	4	3	6 276
Duchesne	33	664	270	19	4	7	1	1	1	–	–
Emery	48	716	268	33	12	–	1	1	1	–	–
Garfield	7	25	12	7	–	–	–	–	–	–	–
Grand	1	(D)	(D)	–	–	–	–	–	1	–	–
Iron	24	(D)	(D)	12	4	6	1	–	–	1	(D)
Juab	39	2 866	1 304	13	8	6	5	3	2	2	(D)
Kane	8	20	7	8	–	–	–	–	–	–	–
Millard	127	25 421	11 202	39	22	24	17	12	6	7	19 950
Morgan	14	76	28	13	–	1	–	–	–	–	–
Piute	2	(D)	(D)	1	1	–	–	–	–	–	–
Rich	10	185	67	5	1	3	1	–	–	–	–
Salt Lake	83	1 482	636	61	11	6	2	1	1	1	(D)
San Juan	1	(D)	(D)	–	–	–	–	–	1	–	–
Sanpete	76	4 889	2 253	23	16	22	6	5	2	2	(D)
Sevier	62	26 239	13 509	13	8	12	11	7	6	5	22 129
Summit	24	173	95	19	2	3	–	–	–	–	–
Tooele	48	731	280	29	5	10	3	1	–	–	–
Uintah	46	3 134	1 325	21	8	6	1	6	2	2	(D)
Utah	319	12 275	5 336	139	64	54	31	20	6	5	3 349
Wasatch	17	143	53	14	1	2	–	–	–	–	–
Washington	39	3 714	1 564	15	5	7	2	7	–	3	2 329
Wayne	21	383	147	10	3	6	1	1	–	–	–
Weber	92	11 476	5 962	53	16	12	4	2	2	3	9 429
Farms not on mail list	90	192	70	90	–	–	–	–	–	–	–

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	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Utah	1 563	48 850	862	7 288	1 375	41 562	892	9 189	1 116	62 807	5 172	330	12 626	389
Beaver	11	326	8	66	11	260	8	79	5	179	20	1	(D)	(D)
Box Elder	101	3 277	63	594	85	2 683	65	764	91	5 149	418	25	1 081	34
Cache	86	4 629	51	644	77	3 985	52	868	64	6 040	506	23	1 384	41
Carbon	28	255	15	55	27	200	15	52	17	222	11	4	66	2
Daggett	2	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
Davis	38	536	17	88	35	448	18	85	27	698	62	9	122	3
Duchesne	72	2 428	44	457	61	1 971	46	536	54	3 212	276	18	494	15
Emery	59	577	36	102	45	475	37	115	43	921	65	12	208	7
Garfield	29	360	14	50	27	310	14	66	13	332	17	10	188	5
Grand	8	(D)	6	(D)	8	(D)	6	130	6	522	(D)	5	166	5
Iron	36	265	14	55	32	210	14	33	16	344	19	3	47	1
Juab	16	167	10	44	13	123	10	44	14	240	22	1	(D)	(D)
Kane	14	62	5	18	11	44	5	36	6	204	8	5	147	4
Millard	75	2 969	40	230	67	2 739	40	348	61	2 970	258	13	341	10
Morgan	28	131	9	20	25	111	10	(D)	11	(D)	7	3	28	(D)
Piute	14	255	12	40	12	215	12	44	12	183	11	5	108	3
Rich	13	142	11	62	10	80	11	62	10	365	22	5	195	6
Salt Lake	86	4 422	42	428	76	3 994	45	562	69	5 386	475	18	513	16
San Juan	19	224	12	75	16	149	13	61	19	381	24	8	198	5
Sanpete	91	7 234	62	1 051	84	6 183	64	1 539	82	9 834	893	21	1 272	41
Sevier	55	3 788	34	319	51	3 469	37	491	48	3 704	314	16	413	10
Summit	43	1 303	24	290	36	1 013	25	248	24	503	42	8	99	3
Tooele	50	640	22	86	45	554	23	101	36	866	58	7	149	3
Uintah	58	2 547	36	437	49	2 110	40	468	41	3 252	279	14	304	12
Utah	159	5 693	84	970	149	4 723	88	1 266	129	10 196	781	39	3 516	116
Wasatch	23	148	12	46	22	102	13	73	16	521	32	5	(D)	(D)
Washington	28	446	9	54	27	392	9	44	11	348	28	3	76	(D)
Wayne	49	2 518	40	390	40	2 128	40	614	44	3 386	281	10	648	19
Weber	65	1 044	26	121	59	923	28	142	50	1 118	95	10	107	3
Farms not on mail list	207	1 921	103	404	174	1 517	103	288	96	1 595	103	28	380	11

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

All Farms
Part 2 of 3

	Hogs and pigs—inventory per farm										
	Total		Farms with—							500 or more	
	Farms	Number	1 to 4	5 to 9	10 to 24	25 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
Utah	1 563	48 850	688	270	325	117	61	45	38	19	15 315
Beaver	11	326	4	3	1	1	–	2	–	–	–
Box Elder	101	3 277	36	16	21	12	9	4	3	–	–
Cache	86	4 629	34	14	18	6	4	6	2	2	(D)
Carbon	28	255	13	7	7	–	1	–	–	–	–
Daggett	2	(D)	1	–	1	–	–	–	–	–	–
Davis	38	536	16	11	8	2	–	–	1	–	–
Duchesne	72	2 428	29	16	14	6	2	–	4	1	(D)
Emery	59	577	36	7	10	1	5	–	–	–	–
Garfield	29	360	21	3	1	2	1	1	–	–	–
Grand	8	528	2	1	2	1	–	1	1	–	–
Iron	36	265	22	3	9	2	–	–	–	–	–
Juab	16	167	6	1	8	1	–	–	–	–	–
Kane	14	(D)	10	3	1	–	–	–	–	–	–
Millard	75	2 969	26	13	16	4	7	3	5	1	(D)
Morgan	28	131	19	5	4	–	–	–	–	–	–
Piute	14	255	4	2	1	7	–	–	–	–	–
Rich	13	142	4	5	2	2	–	–	–	–	–
Salt Lake	86	4 422	38	17	16	6	2	1	1	5	3 224
San Juan	19	224	7	4	4	4	–	–	–	–	–
Sanpete	91	7 234	25	11	15	14	9	7	8	2	(D)
Sevier	55	3 788	17	10	13	5	3	2	1	4	2 650
Summit	43	1 303	22	7	8	2	2	–	2	–	–
Tooele	50	640	26	11	5	2	6	–	–	–	–
Uintah	58	2 547	24	16	13	1	–	2	–	2	(D)
Utah	159	5 693	67	16	36	22	5	4	9	–	–
Wasatch	23	148	12	8	3	–	–	–	–	–	–
Washington	28	446	13	8	4	–	1	2	–	–	–
Wayne	49	2 518	13	5	16	11	1	1	–	2	(D)
Weber	65	1 044	31	16	9	3	3	2	1	–	–
Farms not on mail list	207	1 921	110	31	59	–	–	7	–	–	–

All Farms
Part 3 of 3

	Hogs and pigs—sales per farm										
	Total			Farms with—						1,000 or more	
	Farms	Number	Sales ($1,000)	1 to 9	10 to 49	50 to 99	100 to 199	200 to 499	500 to 999	Farms	Number
Utah	1 116	62 807	5 172	462	420	122	43	45	14	10	14 073
Beaver	5	179	20	1	2	2	–	–	–	–	–
Box Elder	91	5 149	418	33	36	13	5	2	2	–	–
Cache	64	6 040	506	17	31	5	4	4	1	2	(D)
Carbon	17	222	11	8	8	1	–	–	–	–	–
Daggett	1	(D)	(D)	–	1	–	–	–	–	–	–
Davis	27	698	62	17	8	1	–	1	–	–	–
Duchesne	54	3 212	276	25	18	4	2	3	2	–	–
Emery	43	921	65	17	24	1	1	–	–	–	–
Garfield	13	332	17	5	5	2	1	–	–	–	–
Grand	6	522	(D)	1	2	2	–	1	–	–	–
Iron	16	344	19	7	7	2	–	–	–	–	–
Juab	14	240	22	5	8	1	–	–	–	–	–
Kane	6	204	8	3	2	1	–	–	–	–	–
Millard	61	2 970	258	19	28	7	3	3	1	–	–
Morgan	11	(D)	7	7	4	–	–	–	–	–	–
Piute	12	183	11	6	5	1	–	–	–	–	–
Rich	10	365	22	4	4	–	2	–	–	–	–
Salt Lake	69	5 386	475	33	21	6	3	3	1	2	(D)
San Juan	19	381	24	10	6	3	–	–	–	–	–
Sanpete	82	9 834	893	24	24	12	5	14	1	2	(D)
Sevier	48	3 704	314	18	17	7	3	–	2	1	(D)
Summit	24	503	42	9	13	1	1	–	–	–	–
Tooele	36	866	58	23	3	8	2	–	–	–	–
Uintah	41	3 252	279	23	11	4	1	1	–	1	(D)
Utah	129	10 196	781	50	47	13	5	10	2	2	(D)
Wasatch	16	521	32	7	7	1	–	1	–	–	–
Washington	11	348	28	5	3	2	1	–	–	–	–
Wayne	44	3 386	281	9	24	5	2	2	2	–	–
Weber	50	1 118	95	25	18	5	2	–	–	–	–
Farms not on mail list	96	1 595	103	51	33	12	–	–	–	–	–

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
Utah	1 412	2 166 660	185	131 803	76	357 749	107	901 739	12	(D)	–	–
Beaver	7	120	1	(D)	–	–	–	–	–	–	–	–
Box Elder	65	4 015	5	147	4	8	9	901	–	–	–	–
Cache	58	(D)	6	(D)	4	(D)	7	(D)	–	–	–	–
Carbon	29	2 577	7	(D)	5	(D)	1	(D)	1	(D)	–	–
Daggett	6	103	2	(D)	–	–	–	–	–	–	–	–
Davis	57	1 486	8	130	1	(D)	4	149	1	(D)	–	–
Duchesne	86	2 332	10	339	4	(D)	5	343	–	–	–	–
Emery	41	806	7	68	–	–	1	(D)	–	–	–	–
Garfield	28	393	3	30	–	–	2	(D)	–	–	–	–
Grand	9	207	–	–	1	(D)	–	–	–	–	–	–
Iron	34	794	4	52	4	8	1	(D)	–	–	–	–
Juab	16	396	1	(D)	–	–	–	–	–	–	–	–
Kane	17	275	2	(D)	–	–	–	–	–	–	–	–
Millard	74	18 705	3	(D)	1	(D)	3	(D)	–	–	–	–
Morgan	18	380	1	(D)	–	–	–	–	–	–	–	–
Piute	12	278	–	–	–	–	–	–	–	–	–	–
Rich	13	314	–	–	–	–	–	–	–	–	–	–
Salt Lake	88	578 398	13	11 370	6	(D)	16	201 558	–	–	–	–
San Juan	25	553	1	(D)	1	(D)	1	(D)	–	–	–	–
Sanpete	51	(D)	2	(D)	2	(D)	3	(D)	–	–	–	–
Sevier	37	613	3	35	1	(D)	–	–	–	–	–	–
Summit	25	432	1	(D)	–	–	1	(D)	–	–	–	–
Tooele	48	(D)	9	138	3	(D)	5	(D)	–	–	–	–
Uintah	77	3 577	7	142	2	(D)	2	(D)	1	(D)	–	–
Utah	103	1 201 275	18	92 602	8	212 754	19	585 760	2	(D)	–	–
Wasatch 4320339	21	413	3	40	4	90	–		–	–	–	–
Washington	37	(D)	6	80	4	(D)	2	(D)	–	–	–	–
Wayne	23	564	4	102	1	(D)	1	(D)	–	–	–	–
Weber	68	28 756	5	(D)	6	6 372	11	18 412	–	–	–	–
Farms not on mail list	239	3 550	53	902	14	63	13	445	7	70	–	–

All Farms
Part 2 of 2

	Hens and pullets of laying age—inventory per farm											
	Total		Forms with—								100,000 or more	
	Farms	Number	1 to 99	100 to 399	400 to 1,599	1,600 to 3,199	3,200 to 9,999	10,000 to 19,999	20,000 to 49,999	50,000 to 99,999	Farms	Number
Utah	1 412	2 166 660	1 342	31	8	5	8	5	3	3	7	1 711 676
Beaver	7	120	7	–	–	–	–	–	–	–	–	–
Box Elder	65	4 015	58	5	2	–	–	–	–	–	–	–
Cache	58	(D)	54	1	1	–	1	–	1	–	–	–
Carbon	29	2 577	28	–	–	1	–	–	–	–	–	–
Daggett	6	103	6	–	–	–	–	–	–	–	–	–
Davis	57	1 486	55	2	–	–	–	–	–	–	–	–
Duchesne	86	2 332	83	2	1	–	–	–	–	–	–	–
Emery	41	806	40	1	–	–	–	–	–	–	–	–
Garfield	28	393	28	–	–	–	–	–	–	–	–	–
Grand	9	207	9	–	–	–	–	–	–	–	–	–
Iron	34	794	34	–	–	–	–	–	–	–	–	–
Juab	16	396	16	–	–	–	–	–	–	–	–	–
Kane	17	275	17	–	–	–	–	–	–	–	–	–
Millard	74	18 705	70	3	–	–	–	1	–	–	–	–
Morgan	18	380	18	–	–	–	–	–	–	–	–	–
Piute	12	278	11	1	–	–	–	–	–	–	–	–
Rich	13	314	13	–	–	–	–	–	–	–	–	–
Salt Lake	88	578 398	72	5	1	3	3	2	–	–	2	(D)
San Juan	25	553	25	–	–	–	–	–	–	–	–	–
Sanpete	51	(D)	47	2	1	–	–	–	1	–	–	–
Sevier	37	613	37	–	–	–	–	–	–	–	–	–
Summit	25	432	25	–	–	–	–	–	–	–	–	–
Tooele	48	(D)	46	1	–	–	–	–	–	–	1	(D)
Uintah	77	3 577	75	1	–	1	–	–	–	–	–	–
Utah	103	1 201 275	89	3	2	–	–	1	1	3	4	975 535
Wasatch	21	413	21	–	–	–	–	–	–	–	–	–
Washington	37	(D)	36	–	–	–	–	1	–	–	–	–
Wayne	23	564	22	1	–	–	–	–	–	–	–	–
Weber	68	28 756	61	3	–	–	4	–	–	–	–	–
Farms not on mail list	239	3 550	239	–	–	–	–	–	–	–	–	–

Table 19. **Broilers Sold by Number Per Farm: 1978**

All Farms

	Total		Forms 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
Utah	36	2 623	36	–	–	–	–	–	–	–	–
Davis	4	228	4	–	–	–	–	–	–	–	–
Millard	4	188	4	–	–	–	–	–	–	–	–
Utah	8	427	8	–	–	–	–	–	–	–	–
Weber	3	150	3	–	–	–	–	–	–	–	–
All other counties	10	1 490	10	–	–	–	–	–	–	–	–
Farms not on mail list	7	140	7	–	–	–	–	–	–	–	–

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)
Utah	2 202	621 399	2 074	441 959	2 082	483 989	2 027	536 531	5 379	2 167	30 886
Beaver	16	3 656	15	2 941	14	2 090	13	3 443	40	14	129
Box Elder	135	75 303	130	50 206	132	51 920	127	53 296	545	137	3 176
Cache	59	14 779	54	10 041	55	11 650	54	9 423	103	57	741
Carbon	46	4 048	42	2 825	43	4 412	40	3 603	40	46	291
Daggett	6	562	6	332	6	494	6	417	3	6	23
Davis	55	1 674	49	1 144	45	807	42	888	8	49	53
Duchesne	104	22 442	95	14 074	103	22 643	94	18 778	197	104	1 518
Emery	57	7 656	55	5 127	57	4 281	52	5 223	55	59	280
Garfield	45	4 756	42	3 707	45	3 356	42	4 512	46	46	204
Grand	3	(D)	2	(D)	2	(D)	2	(D)	(D)	2	(D)
Iron	118	46 438	116	31 556	116	36 782	114	38 951	391	117	2 481
Juab	28	6 663	24	3 256	27	5 249	23	4 637	55	27	357
Kane	21	2 277	21	1 838	21	2 126	21	2 662	28	21	127
Millard	59	23 805	53	13 367	52	18 871	49	26 105	197	54	1 122
Morgan	29	26 718	28	21 449	30	18 664	26	23 344	246	30	1 121
Piute	23	4 609	21	3 710	21	3 063	23	3 252	32	23	182
Rich	37	26 651	36	20 483	36	18 231	38	24 606	295	38	1 090
Salt Lake	115	19 882	107	13 275	105	15 478	106	15 209	141	112	916
San Juan	11	(D)	11	(D)	10	(D)	10	(D)	(D)	11	(D)
Sanpete	266	90 358	259	60 706	268	57 916	262	78 773	784	270	4 105
Sevier	110	21 569	108	16 069	106	17 273	105	18 005	183	107	1 106
Summit	103	35 059	96	28 355	96	42 186	95	39 578	345	99	2 134
Tooele	56	35 232	54	27 549	50	29 910	54	27 899	264	56	1 815
Uintah	161	49 054	145	34 337	154	39 166	143	43 847	461	158	2 668
Utah	161	33 399	146	24 894	145	30 904	145	37 276	371	155	2 317
Wasatch	54	39 537	48	33 548	48	29 787	48	34 022	358	52	1 872
Washington	31	2 473	30	2 055	26	2 101	27	2 258	24	28	124
Wayne	78	14 437	73	9 301	77	10 047	73	10 557	113	77	652
Weber	57	4 469	55	2 866	52	1 993	53	2 486	23	59	137
Farms not on mail list	158	3 552	153	2 736	140	2 387	140	3 215	29	153	133

All Farms
Part 2 of 2

	Sheep and lambs—Inventory per farm										
	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
Utah	2 202	621 399	30	158	214	508	652	307	162	171	444 816
Beaver	16	3 656	2	1	2	4	3	3	–	1	(D)
Box Elder	135	75 303	–	13	9	30	47	11	9	16	66 431
Cache	59	14 779	–	7	11	20	12	3	2	4	12 015
Carbon	46	4 048	–	3	5	22	7	6	2	1	(D)
Daggett	6	562	–	–	–	–	4	2	–	–	–
Davis	55	1 674	–	17	11	12	13	–	2	–	–
Duchesne	104	22 442	5	3	2	15	47	19	5	8	14 642
Emery	57	7 656	1	4	6	16	15	9	5	1	(D)
Garfield	45	4 756	1	7	3	14	16	–	1	3	3 300
Grand	3	(D)	1	–	–	1	1	–	–	–	–
Iron	118	46 438	–	3	8	16	26	29	24	12	25 040
Juab	28	6 663	1	–	–	7	9	7	–	4	5 310
Kane	21	2 277	–	–	4	9	5	1	1	1	(D)
Millard	59	23 805	4	2	8	9	22	4	2	8	21 250
Morgan	29	26 718	–	4	1	5	4	4	1	10	25 227
Piute	23	4 609	–	–	2	3	6	9	2	1	(D)
Rich	37	26 651	–	4	2	4	12	5	4	6	22 818
Salt Lake	115	19 882	3	15	28	34	24	3	1	7	17 075
San Juan	11	(D)	–	2	–	5	4	–	–	–	–
Sanpete	266	90 358	2	2	11	37	68	78	46	22	48 342
Sevier	110	21 569	1	4	1	14	41	33	12	4	7 541
Summit	103	35 059	1	3	10	19	30	21	8	11	26 862
Tooele	56	35 232	–	4	14	14	12	1	1	10	33 935
Uintah	161	49 054	1	5	14	53	56	16	6	10	39 522
Utah	161	33 399	4	20	19	38	44	15	11	10	22 635
Wasatch	54	39 537	1	9	3	11	10	3	1	16	38 194
Washington	31	2 473	–	2	8	11	5	2	2	1	(D)
Wayne	78	14 437	1	3	4	6	27	22	12	3	3 200
Weber	57	4 469	1	4	9	19	20	1	2	1	(D)
Farms not on mail list	158	3 552	–	17	19	60	62	–	–	–	–

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)
Utah	73	844	24	188	10	6	13 848	24
Box Elder	4	13	–	–	–	–	–	–
Iron	3	14	–	–	–	–	–	–
Kane	4	19	1	(D)	(D)	1	(D)	(D)
Salt Lake	7	(D)	1	(D)	(D)	2	(D)	(D)
Summit	4	13	1	(D)	(D)	–	–	–
Tooele	3	(D)	–	–	–	–	–	–
Utah	7	74	3	(D)	(Z)	2	(D)	(D)
Washington	4	11	1	(D)	(D)	–	–	–
All other counties	25	181	12	71	3	1	(D)	(D)
Farms not on mail list	12	120	5	10	(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	Farms	Number	Farms	Number	Sales ($1,000)
Utah	175	169 304	175	129 115	179	375 664	10 731
Cache	15	10 942	15	7 049	15	23 761	603
Morgan	30	37 619	30	24 480	30	76 710	2 061
Salt Lake	50	40 176	50	31 464	54	91 875	2 796
Summit	30	22 379	30	18 257	31	49 037	1 551
Tooele	3	3 500	3	2 750	3	8 840	351
Utah	40	51 342	40	42 204	40	117 385	3 127
All other counties	7	3 346	7	2 911	6	8 056	243

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)
Utah	237	30 766	15	4 734	227	164	1 233 928	620
Box Elder	12	829	2	(D)	(D)	11	35 678	19
Cache	7	(D)	1	(D)	(D)	4	(D)	(D)
Davis	14	158	–	–	–	9	7 410	3
Duchesne	18	3 286	–	–	–	13	114 858	53
Emery	5	(D)	–	–	–	3	(D)	(D)
Garfield	3	(D)	–	–	–	3	(D)	(D)
Grand	4	(D)	–	–	–	3	(D)	(D)
Iron	10	190	1	(D)	(D)	5	(D)	(D)
Millard	13	7 388	–	–	–	12	501 137	249
Morgan	3	(D)	–	–	–	1	(D)	(D)
Salt Lake	24	4 262	3	(D)	(D)	16	205 880	106
Sanpete	6	1 055	–	–	–	6	37 075	18
Sevier	3	340	–	–	–	3	9 500	5
Summit	3	8	–	–	–	1	(D)	(D)
Tooele	5	53	1	(D)	(D)	4	2 500	1
Uintah	9	318	–	–	–	7	10 718	6
Utah	37	7 842	5	(D)	168	30	123 090	65
Washington	7	(D)	1	(D)	(D)	4	(D)	(D)
Wayne	5	131	–	–	–	5	6 550	3
Weber	27	1 267	1	(D)	(D)	16	45 425	23
All other counties	8	159	–	–	–	8	6 962	5
Farms not on mail list	14	35	–	–	–	–	–	–

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)	Farms	Pounds	Farms	Number	Farms	Pounds	Sales ($1,000)	Farms	Number	Sales ($1,000)	Farms	Acres
TROUT														
Utah	16	657	9	560 233	8	(D)	8	260 233	302	7	3 120	5	12	47
Cache	3	(D)	3	(D)	1	(D)	2	(D)	(D)	–	–	–	1	(D)
Summit	4	(D)	1	(D)	3	205	1	(D)	(D)	3	205	(Z)	3	(D)
All other counties	9	304	5	256 733	4	2 915	5	256 733	300	4	2 915	4	8	25

Table 26. **Miscellaneous Poultry—Inventory and Sales: 1978**

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
BROILERS				
Utah	297	11 551	36	2 623
Box Elder	24	1 834	2	(D)
Cache	14	1 034	2	(D)
Carbon	5	92	–	–
Davis	11	335	4	228
Duchesne	13	375	2	(D)
Emery	6	35	–	–
Iron	6	53	–	–
Kane	3	33	–	–
Millard	13	311	4	188
Piute	3	52	–	–
Salt Lake	18	1 137	1	(D)
San Juan	4	22	–	–
Sanpete	5	310	–	–
Sevier	8	131	2	(D)
Tooele	7	264	1	(D)
Uintah	6	291	–	–
Utah	19	973	8	427
Wasatch	6	230	–	–
Washington	8	130	–	–
Wayne	3	86	–	–
Weber	11	254	3	150
All other counties	12	218	–	–
Forms not on mail list	92	3 351	7	140
TURKEYS				
Utah	172	894 551	106	3 063 670
Box Elder	5	337	3	(D)
Cache	8	85	1	(D)
Davis	6	53	1	(D)
Duchesne	16	94	1	(D)
Emery	5	24	–	–
Garfield	4	30	–	–
Iron	4	65	–	–
Morgan	5	45	–	–
Salt Lake	6	40	2	(D)
Sanpete	30	865 526	87	2 501 818
Tooele	4	69	2	(D)
Uintah	15	81	–	–
Utah	11	197	3	(D)
Washington	5	24 028	1	(D)
Wayne	4	27	–	–
Weber	4	34	1	(D)
All other counties	12	3 690	4	284 600
Forms not on mail list	28	126	–	–
TURKEYS FOR SLAUGHTER				
Utah	129	855 561	102	3 028 944
Box Elder	4	(D)	3	(D)
Cache	7	75	1	(D)
Davis	5	48	1	(D)
Duchesne	10	45	1	(D)
Emery	4	(D)	–	–
Garfield	3	17	–	–
Iron	4	40	–	–
Morgan	4	39	–	–
Salt Lake	6	37	1	(D)
Sanpete	29	854 524	86	2 491 818
Tooele	4	68	2	(D)
Uintah	7	37	–	–
Utah	9	70	2	(D)
Washington	4	26	–	–
Wayne	4	27	–	–
Weber	4	34	1	(D)
All other counties	7	67	4	280 000
Forms not on mail list	14	63	–	–
TURKEY HENS KEPT FOR BREEDING				
Utah	77	38 990	7	34 726
Cache	3	(D)	–	–
Duchesne	10	49	–	–
Emery	3	13	–	–
Garfield	3	13	–	–
Iron	3	25	–	–
Uintah	12	44	–	–
Utah	4	(D)	1	(D)
All other counties	18	38 646	6	(D)
Forms not on mail list	21	63	–	–

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
DUCKS				
Utah	273	1 809	19	272
Box Elder	5	70	–	–
Cache	12	94	1	(D)
Carbon	13	55	–	–
Davis	12	117	4	67
Duchesne	8	69	–	–
Emery	5	50	–	–
Iron	5	18	–	–
Millard	7	38	1	(D)
Salt Lake	20	183	3	64
San Juan	3	38	–	–
Sanpete	9	55	–	–
Sevier	7	48	–	–
Summit	4	22	–	–
Tooele	8	80	–	–
Uintah	7	28	–	–
Utah	19	141	–	–
Wayne	4	9	–	–
Weber	11	148	3	(D)
All other counties	12	69	–	–
Forms not on mail list	102	477	7	28
GEESE				
Utah	202	1 590	20	282
Box Elder	7	46	1	(D)
Cache	8	91	3	25
Carbon	4	52	–	–
Davis	11	65	3	(D)
Duchesne	12	119	–	–
Emery	9	54	–	–
Iron	7	51	–	–
Salt Lake	21	176	4	60
Sanpete	7	91	–	–
Summit	5	21	–	–
Tooele	6	17	–	–
Uintah	7	60	1	(D)
Utah	12	80	1	(D)
Washington	3	9	–	–
Weber	9	47	1	(D)
All other counties	11	85	–	–
Forms not on mail list	63	526	6	150
PIGEONS OR SQUAB				
Utah	31	2 373	8	1 020
Cache	4	950	2	(D)
Davis	5	185	1	(D)
Duchesne	4	(D)	–	–
Salt Lake	3	(D)	1	(D)
All other counties	15	1 113	4	595
PHEASANTS				
Utah	29	5 187	15	5 079
Davis	10	1 112	4	(D)
Salt Lake	4	375	1	(D)
Utah	3	82	2	(D)
Washington	4	900	4	1 150
All other counties	8	2 718	4	2 303
QUAIL				
Utah	13	(D)	1	(D)
All other counties	6	404	1	(D)
Forms not on mail list	7	(D)	–	–
OTHER POULTRY				
Utah	40	359	4	14
Box Elder	4	36	1	(D)
Cache	5	43	2	(D)
Uintah	4	14	–	–
Utah	6	41	–	–
All other counties	14	211	1	(D)
Forms not on mail list	7	14	–	–
POULTRY HATCHED (SEE TEXT)				
Utah	56	1 296 607	129	(D)
Davis	3	(D)	2	(D)
Salt Lake	3	(D)	11	(D)
Sanpete	5	(D)	6	(D)
Utah	5	(D)	7	(D)
All other counties	13	137 096	52	202 579
Forms not on mail list	27	1 350	51	2 778

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

All Farms	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
HORSES AND PONIES					
Utah	5 953	27 153	1 088	2 884	2 435
Beaver	95	321	15	30	39
Box Elder	365	1 873	66	159	88
Cache	362	1 419	59	171	239
Carbon	97	410	13	22	12
Daggett	19	100	–	–	–
Davis	205	1 174	57	154	133
Duchesne	354	2 410	61	136	74
Emery	241	942	29	70	44
Garfield	134	543	16	41	27
Grand	26	221	6	22	22
Iron	145	461	8	11	4
Juab	87	340	10	17	10
Kane	78	302	15	40	15
Millard	257	922	36	78	29
Morgan	118	555	20	40	43
Piute	60	191	5	10	3
Rich	94	621	13	41	14
Salt Lake	229	1 540	95	279	548
San Juan	87	499	12	68	19
Sanpete	336	1 193	38	96	51
Sevier	184	615	32	80	60
Summit	197	1 127	26	103	94
Tooele	156	717	22	66	33
Uintah	283	1 524	50	178	83
Utah	579	2 423	98	254	244
Wasatch	136	696	21	47	29
Washington	153	595	20	51	32
Wayne	100	362	11	27	8
Weber	340	1 596	73	211	202
Farms not on mail list	436	1 461	161	382	234
MULES, BURROS, AND DONKEYS					
Utah	158	256	13	22	4
Beaver	3	3	–	–	–
Box Elder	7	9	–	–	–
Cache	10	19	1	(D)	(D)
Carbon	3	3	–	–	–
Davis	9	20	1	(D)	(D)
Duchesne	7	10	1	(D)	(D)
Emery	5	7	–	–	–
Garfield	6	7	–	–	–
Grand	3	(D)	–	–	–
Kane	10	16	–	–	–

All Farms	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS—Con.					
Sanpete	10	12	–	–	–
Sevier	3	(D)	–	–	–
Summit	5	6	1	(D)	(D)
Tooele	5	5	1	(D)	(D)
Uintah	8	10	1	(D)	(D)
Utah	13	27	–	–	–
Washington	6	7	–	–	–
Weber	10	15	–	–	–
All other counties	16	34	–	–	–
Farms not on mail list	19	31	7	14	(Z)
GOATS EXCEPT ANGORA AND MILK					
Utah	54	299	15	41	1
Cache	5	(D)	2	(D)	(D)
Utah	6	25	–	–	–
Weber	4	(D)	–	–	–
All other counties	19	86	6	17	(Z)
Farms not on mail list	20	34	7	(D)	(D)
RABBITS AND THEIR PELTS					
Utah	108	1 591	34	4 801	15
Davis	5	40	2	(D)	(D)
Millard	4	76	2	(D)	(D)
Salt Lake	6	(D)	3	(D)	5
Summit	3	(D)	1	(D)	(D)
Utah	10	208	2	(D)	(D)
Weber	8	52	2	(D)	(D)
All other counties	21	328	8	1 005	2
Farms not on mail list	51	384	14	161	(Z)
CHINCHILLAS AND THEIR PELTS					
Utah	7	957	8	769	21
Salt Lake	4	751	4	517	12
All other counties	3	206	4	252	9
OTHER LIVESTOCK					
Utah	12	(X)	9	(X)	74
Salt Lake	3	(X)	3	(X)	3
All other counties	9	(X)	6	(X)	71

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)					
Utah	513	14 693	1 194 596	513	14 693
Beaver	3	75	1 840	3	75
Box Elder	84	3 222	290 195	84	3 222
Cache	4	51	4 143	4	51
Carbon	3	(D)	1 340	3	(D)
Davis	18	351	28 685	18	351
Duchesne	26	1 090	85 375	26	1 090
Emery	10	102	8 388	10	102
Garfield	5	(D)	256	5	(D)
Grand	6	76	6 050	6	76
Iron	5	186	14 690	5	186
Millard	9	1 419	100 735	9	1 419
Salt Lake	17	612	59 813	17	612
Sanpete	4	265	10 058	4	265
Sevier	18	285	21 672	18	285
Tooele	4	117	8 120	4	117
Uintah	26	1 121	61 811	26	1 121
Utah	223	5 203	448 081	223	5 203
Washington	7	15	615	7	15
Weber	22	275	23 242	22	275
All other counties	5	73	8 378	5	73
Farms not on mail list	14	126	11 109	14	126
SORGHUMS FOR GRAIN OR SEED (BUSHELS)					
Utah	30	603	32 647	30	603
Washington	22	367	20 956	22	367
All other counties	8	236	11 691	8	236

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN (BUSHELS)					
Utah	2 090	254 603	6 689 017	1 312	36 775
Beaver	12	940	48 046	12	940
Box Elder	468	99 133	2 881 651	275	15 378
Cache	305	19 468	621 455	139	2 993
Carbon	22	245	10 049	21	205
Davis	91	1 476	92 960	86	1 308
Duchesne	40	421	15 041	36	354
Emery	44	369	11 932	43	354
Garfield	10	(D)	(D)	9	(D)
Iron	41	1 093	40 705	35	728
Juab	97	12 988	239 954	47	1 484
Kane	6	(D)	(D)	4	(D)
Millard	176	17 860	475 494	108	4 443
Morgan	12	369	10 546	4	27
Piute	5	35	1 165	5	35
Rich	26	3 606	60 881	10	152
Salt Lake	71	13 562	420 898	47	900
San Juan	129	51 221	962 476	6	208
Sanpete	119	3 120	88 866	106	1 382
Sevier	22	389	15 909	21	289
Summit	13	294	8 761	4	44
Tooele	30	2 715	45 915	16	344
Uintah	38	1 396	38 365	29	325
Utah	152	18 122	425 573	118	2 667
Wasatch	10	36	1 261	10	36
Washington	17	2 748	28 889	10	63
Wayne	9	38	2 220	8	36
Weber	86	1 685	73 131	74	940
All other counties	3	94	2 340	3	94
Farms not on mail list	36	324	16 250	26	209

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)					
Utah	4 387	146 520	9 120 661	4 013	125 869
Beaver	20	813	33 063	20	813
Box Elder	489	22 332	1 537 628	434	18 708
Cache	678	25 556	1 417 677	548	18 232
Carbon	18	194	9 078	16	151
Davis	125	2 382	166 232	115	2 021
Duchesne	114	3 618	222 764	109	3 204
Emery	41	694	31 655	40	682
Garfield	20	472	26 380	20	472
Grand	5	255	9 070	4	125
Iron	143	7 169	506 963	138	6 734
Juab	88	2 890	135 849	71	2 172
Kane	4	41	1 980	4	41
Millard	333	17 492	1 004 852	321	16 671
Morgan	65	1 091	70 613	61	995
Piute	29	495	22 737	28	482
Rich	89	3 483	151 726	82	2 943
Salt Lake	133	3 735	271 723	123	3 597
San Juan	13	373	12 900	6	108
Sanpete	337	9 148	523 719	326	8 503
Sevier	241	7 014	493 906	232	6 849
Summit	65	1 101	50 901	55	821
Tooele	85	2 444	110 492	74	1 736
Uintah	82	1 732	91 420	79	1 590
Utah	579	19 243	1 476 911	555	18 377
Wasatch	91	1 709	108 773	89	1 670
Washington	56	3 470	147 199	51	1 253
Wayne	103	2 251	157 238	100	2 151
Weber	235	4 149	265 634	218	3 678
Farms not on mail list	106	1 174	61 578	94	1 090
MIXED GRAINS (BUSHELS)					
Utah	8	158	4 190	7	58

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)					
Utah	1 219	14 889	793 687	1 141	13 486
Beaver	15	415	25 429	14	403
Box Elder	68	1 143	82 917	59	997
Cache	96	785	45 493	83	632
Carbon	46	486	25 246	44	443
Davis	28	246	16 412	25	235
Duchesne	102	1 481	75 836	100	1 447
Emery	109	1 218	57 555	108	1 213
Garfield	31	433	24 682	30	430
Iron	29	247	15 427	27	210
Juab	12	72	3 968	11	60
Kane	5	46	(D)	4	36
Millard	44	747	35 763	40	675
Morgan	25	265	16 024	24	254
Piute	18	170	8 200	18	170
Rich	9	351	12 165	9	351
Salt Lake	34	413	19 673	30	238
San Juan	18	552	10 162	9	60
Sanpete	101	1 531	80 442	100	1 519
Sevier	34	332	18 791	34	332
Summit	23	196	9 389	21	188
Tooele	23	167	8 480	20	128
Uintah	99	1 578	76 012	95	1 554
Utah	78	540	39 215	76	523
Wasatch	19	93	7 274	18	92
Washington	7	58	(D)	6	48
Wayne	35	312	20 400	33	304
Weber	38	274	15 743	36	254
All other counties	6	119	7 650	6	119
Farms not on mail list	67	619	31 451	61	571
SUNFLOWER SEED (POUNDS)					
Utah	9	670	468 300	6	167
Box Elder	3	(D)	(D)	3	(D)
Cache	3	(D)	29 000	3	(D)
San Juan	3	(D)	(D)	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
DRY FIELD AND SEED BEANS (100-LB BAGS)					
Utah	34	7 064	23 109	6	162
San Juan	28	6 887	22 498	1	(D)
All other counties	6	177	611	5	(D)
IRISH POTATOES (HUNDREDWEIGHT)					
Utah	165	5 812	1 324 387	165	5 812
Beaver	5	180	30 200	5	180
Box Elder	7	(D)	14 250	7	(D)
Carbon	4	11	364	4	11
Davis	28	398	79 354	28	398
Duchesne	6	5	800	6	5
Emery	4	4	(D)	4	4
Garfield	3	6	(D)	3	6
Iron	16	3 051	628 383	16	3 051
Juab	5	5	915	5	5
Millard	4	1 561	469 870	4	1 561
Salt Lake	10	34	6 414	10	34
Sanpete	4	(D)	(D)	4	(D)
Sevier	3	(D)	(D)	3	(D)
Summit	4	1	370	4	1
Tooele	3	3	260	3	3

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (HUNDREDWEIGHT)—Con.					
Uintah	4	(D)	(D)	4	(D)
Utah	26	104	17 851	26	104
Washington	6	120	24 588	6	120
Weber	12	57	10 164	12	57
All other counties	11	27	3 397	11	27
SUGAR BEETS FOR SEED (POUNDS)					
Utah	12	122	307 799	12	122
Washington	12	122	307 799	12	122
SUGAR BEETS FOR SUGAR (TONS)					
Utah	257	13 177	240 325	257	13 177
Box Elder	137	9 052	163 189	137	9 052
Cache	39	941	15 526	39	941
Davis	28	852	17 765	28	852
Salt Lake	6	377	6 131	6	377
Weber	29	1 706	32 876	29	1 706
All other counties	5	61	1 471	5	61
Farms not on mail list	13	188	3 367	13	188

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

All Farms

	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
FIELD SEED CROPS					
Utah	199	19 195	(X)	157	15 287
Box Elder	22	2 071	(X)	2	(D)
Cache	14	559	(X)	1	(D)
Juab	4	320	(X)	4	220
Millard	136	14 722	(X)	133	13 943
Uintah	4	620	(X)	4	620
Utah	5	(D)	(X)	4	130
All other counties	9	(D)	(X)	4	123
Farms not on mail list	5	130	(X)	5	130
ALFALFA SEED (POUNDS)					
Utah	195	18 393	4 073 579	155	15 183
Box Elder	22	1 811	162 490	1	(D)
Cache	14	559	50 798	1	(D)
Juab	3	(D)	12 498	3	(D)
Millard	136	14 722	3 626 243	133	13 943
Uintah	4	620	134 500	4	620
Utah	4	(D)	20 600	4	(D)
All other counties	7	201	21 450	4	123
Farms not on mail list	5	130	45 000	5	130
WHEATGRASS SEED (POUNDS)					
Utah	5	702	27 232	1	(D)
HAY CROPS (TONS, DRY) (SEE TEXT)					
Utah	9 808	633 511	1 780 972	9 083	555 807
Beaver	151	21 660	75 856	144	21 155
Box Elder	726	51 899	158 416	616	40 384
Cache	966	61 946	180 803	801	41 272
Carbon	136	5 812	16 515	131	5 703
Daggett	21	4 317	5 769	21	4 317
Davis	359	10 419	36 969	330	9 348
Duchesne	490	40 154	100 669	481	39 318
Emery	318	13 987	37 636	311	13 748
Garfield	174	12 411	31 034	166	12 082
Grand	42	2 132	7 023	40	2 107
Iron	280	35 691	119 852	269	33 028
Juab	165	15 342	38 259	140	10 641
Kane	79	2 401	6 008	71	1 706
Millard	524	64 046	211 511	511	57 479
Morgan	147	8 427	19 892	132	5 692
Piute	104	8 116	20 330	95	7 599
Rich	134	48 242	62 460	129	44 554
Salt Lake	352	11 128	39 544	338	10 400
San Juan	89	5 726	12 105	72	4 063
Sanpete	613	41 586	116 650	580	36 616
Sevier	375	22 229	84 049	365	21 778
Summit	272	19 056	40 485	263	17 581
Tooele	197	12 177	32 248	174	10 109
Uintah	412	28 122	61 637	397	26 675
Utah	1 015	36 807	120 011	946	33 601
Wasatch	218	10 214	26 150	213	9 821
Washington	210	6 001	20 782	198	5 505
Wayne	159	10 142	26 023	150	9 567
Weber	539	14 987	50 862	488	12 433
Farms not on mail list	541	8 334	21 424	511	7 525
ALFALFA HAY (TONS, DRY)					
Utah	8 892	466 513	1 487 978	8 300	415 977
Beaver	138	19 441	70 181	133	19 137
Box Elder	668	42 590	144 902	567	33 329
Cache	910	52 494	163 176	754	33 942
Carbon	128	4 974	14 472	124	4 890
Daggett	10	1 628	2 995	10	1 628
Davis	318	7 466	29 765	296	6 770
Duchesne	385	26 163	74 171	379	25 847
Emery	304	11 698	33 545	298	11 500
Garfield	162	9 190	24 776	157	9 030
Grand	40	2 086	6 902	38	2 061
Iron	272	31 155	109 919	263	30 424
Juab	157	11 694	33 668	139	9 177
Kane	74	2 139	5 597	67	1 499
Millard	505	51 795	179 970	497	50 739
Morgan	140	6 698	16 877	121	4 235
Piute	92	6 154	16 988	88	6 009
Rich	100	7 323	14 502	94	6 556
Salt Lake	328	9 197	36 649	317	8 693
San Juan	75	4 216	11 091	69	3 929
Sanpete	560	30 227	94 635	539	27 289
Sevier	357	19 092	76 429	349	18 712
Summit	205	11 266	26 012	197	10 164
Tooele	180	9 248	24 739	158	7 774
Uintah	372	22 174	51 695	360	21 241
Utah	912	26 599	101 465	866	24 952
Wasatch	199	8 079	21 678	194	7 821
Washington	187	4 537	16 432	179	4 244
Wayne	154	7 717	21 122	145	7 327
Weber	497	12 733	45 768	450	10 470
Farms not on mail list	463	6 740	17 857	452	6 588

All Farms

	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)					
Utah	1 120	24 085	45 055	1 018	18 778
Beaver	32	950	1 972	32	950
Box Elder	30	724	980	24	434
Cache	75	1 179	2 459	62	863
Carbon	28	422	885	28	422
Daggett	3	96	105	3	96
Davis	14	190	452	12	135
Duchesne	97	1 925	3 819	94	1 846
Emery	86	1 049	2 002	83	1 018
Garfield	54	1 278	2 576	52	1 233
Grand	5	41	114	5	41
Iron	40	1 336	2 820	38	1 004
Juab	26	855	1 035	12	122
Kane	12	111	202	11	71
Millard	83	4 453	7 584	64	2 562
Morgan	12	318	620	12	302
Piute	24	512	819	22	447
Rich	15	450	621	15	450
Salt Lake	23	281	570	22	251
San Juan	17	1 079	713	3	54
Sanpete	64	1 101	2 498	61	1 055
Sevier	70	1 106	2 527	70	1 106
Summit	31	352	602	30	348
Tooele	19	277	579	18	177
Uintah	40	861	1 891	40	861
Utah	71	652	1 277	65	591
Wasatch	25	233	502	24	198
Washington	18	350	738	14	306
Wayne	53	1 250	2 968	52	1 220
Weber	34	547	899	31	508
Farms not on mail list	19	107	226	19	107
OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)					
Utah	944	37 523	84 932	823	30 242
Beaver	13	549	1 557	10	353
Box Elder	51	1 543	2 324	43	1 285
Cache	82	2 957	6 036	60	2 226
Carbon	9	109	239	7	84
Davis	39	468	1 128	33	352
Duchesne	135	7 575	14 413	132	7 411
Emery	18	192	495	17	182
Garfield	23	855	1 764	20	731
Iron	7	219	550	5	119
Juab	9	195	301	4	78
Kane	8	(D)	(D)	6	(D)
Millard	15	4 909	19 653	13	1 319
Morgan	25	609	952	22	482
Piute	8	233	419	7	158
Rich	12	2 044	3 573	12	2 044
Salt Lake	19	816	987	16	757
San Juan	5	(D)	156	2	(D)
Sanpete	70	2 657	4 961	63	2 201
Sevier	11	272	702	10	252
Summit	60	2 867	5 760	57	2 759
Tooele	7	781	(D)	6	741
Uintah	46	1 880	3 468	41	1 688
Utah	100	2 749	5 816	90	2 546
Wasatch	20	518	1 123	20	508
Washington	11	113	261	10	93
Wayne	13	432	954	12	332
Weber	52	724	1 447	45	560
All other counties	7	475	542	7	475
Farms not on mail list	69	520	1 441	53	440
WILD HAY (TONS, DRY)					
Utah	1 220	89 383	124 107	962	75 898
Beaver	14	466	1 736	14	461
Box Elder	78	5 231	6 171	59	3 709
Cache	92	2 907	4 066	58	2 058
Carbon	3	(D)	(D)	3	(D)
Daggett	12	2 123	2 134	12	2 123
Davis	21	1 589	2 882	16	1 396
Duchesne	72	4 088	7 712	69	3 811
Emery	33	1 028	1 527	33	1 028
Garfield	7	390	925	7	390
Juab	33	1 973	2 542	15	1 069
Millard	7	(D)	2 248	5	(D)
Morgan	19	597	762	16	468
Piute	31	1 217	2 104	23	985
Rich	105	38 425	43 764	97	35 504
Salt Lake	9	459	568	8	334
San Juan	3	180	(D)	1	(D)
Sanpete	176	6 855	12 521	134	5 325
Sevier	22	444	739	20	393
Summit	115	4 431	8 043	109	4 170
Tooele	27	1 766	2 988	14	1 387
Uintah	46	3 092	4 159	42	2 770
Utah	152	6 058	9 987	110	4 784
Wasatch	46	1 344	2 801	41	1 254
Washington	6	137	204	3	72
Wayne	14	220	424	13	215
Weber	22	287	408	18	213
All other counties	4	1 600	1 027	3	100
Farms not on mail list	51	687	1 440	19	110

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE AND HAYLAGE (TONS, GREEN)					
Utah	222	12 502	98 298	207	11 676
Beaver	5	224	925	5	224
Box Elder	18	1 511	10 608	16	1 347
Cache	38	1 836	12 832	36	1 702
Carbon	3	(D)	(D)	3	(D)
Davis	21	604	7 639	20	595
Duchesne	3	403	1 660	3	403
Garfield	3	564	2 135	3	564
Iron	5	811	(D)	5	811
Juab	7	570	1 626	5	170
Millard	11	862	4 528	11	862
Salt Lake	8	347	1 999	6	337
Sanpete	17	654	5 889	17	654
Sevier	9	1 128	9 450	9	1 128
Tooele	3	(D)	200	2	(D)
Uintah	3	115	(D)	3	115
Utah	13	623	3 969	11	602
Washington	20	728	7 883	19	718
Weber	11	459	5 251	10	451
All other counties	5	570	3 081	4	520
Farms not on mail list	19	280	1 374	19	280
HAY CROPS CUT AND FED GREEN (TONS, GREEN)					
Utah	107	3 505	18 129	96	3 236
Box Elder	11	300	1 489	9	280
Cache	19	573	2 323	16	481
Carbon	4	94	(D)	4	94
Davis	10	102	562	9	100
Iron	4	(D)	(D)	4	(D)
Juab	3	(D)	(D)	2	(D)
Millard	6	278	1 622	6	278
Sanpete	4	92	198	4	92
Sevier	4	187	1 493	4	187
Tooele	3	(D)	155	1	(D)
Utah	6	126	407	6	126
Wasatch	4	40	135	4	40
Washington	5	136	1 539	3	72
Weber	14	237	1 741	14	231
All other counties	10	560	2 524	10	560

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Utah	2 010	63 888	1 040 928	2 010	63 888
Beaver	44	1 715	23 547	44	1 715
Box Elder	247	9 689	193 288	247	9 689
Cache	293	8 549	141 440	293	8 549
Carbon	20	699	10 294	20	699
Davis	112	3 559	67 708	112	3 559
Duchesne	92	3 136	34 851	92	3 136
Emery	66	1 346	18 433	66	1 346
Garfield	8	199	1 868	8	199
Grand	5	220	3 508	5	220
Iron	35	1 135	16 223	35	1 135
Juab	33	874	11 944	33	874
Millard	101	4 085	68 224	101	4 085
Morgan	10	295	5 121	10	295
Piute	15	433	5 236	15	433
Salt Lake	46	1 263	21 324	46	1 263
Sanpete	107	3 564	45 639	107	3 564
Sevier	154	4 691	74 413	154	4 691
Tooele	14	338	4 268	14	338
Uintah	95	2 950	37 633	95	2 950
Utah	295	8 836	145 474	295	8 836
Wayne	5	77	1 250	5	77
Weber	164	5 782	104 191	164	5 782
All other counties	6	160	2 075	6	160
Farms not on mail list	43	293	2 976	43	293
SORGHUMS CUT FOR DRY FORAGE OR HAY (TONS, DRY)					
Utah	5	69	180	4	65
SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Utah	37	709	6 554	37	709
Box Elder	3	49	(D)	3	49
Duchesne	3	40	(D)	3	40
Sanpete	4	24	120	4	24
Utah	3	38	(D)	3	38
Washington	13	183	2 625	13	183
All other counties	11	375	2 667	11	375

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)				
Utah	519	9 129	519	9 126
Box Elder	110	2 869	110	2 868
Cache	55	998	55	998
Carbon	3	(D)	3	(D)
Davis	109	3 281	109	3 280
Emery	8	190	8	190
Grand	6	70	6	70
Iron	4	18	4	18
Salt Lake	45	746	45	746
Tooele	3	(D)	3	(D)
Utah	66	242	66	242
Washington	8	32	8	32
Wayne	3	12	3	12
Weber	61	552	61	551
All other counties	15	82	15	82
Farms not on mail list	23	28	23	28
ALL VEGETABLES HARVESTED (SEE TEXT)				
Utah	519	9 393	519	9 393
Box Elder	110	2 875	110	2 875
Cache	55	998	55	998
Carbon	3	3	3	3
Davis	109	3 453	109	3 453
Emery	8	190	8	190
Grand	6	70	6	70
Iron	4	18	4	18
Salt Lake	45	815	45	815
Tooele	3	6	3	6
Utah	66	246	66	246
Washington	8	32	8	32
Wayne	3	12	3	12
Weber	61	566	61	566
All other counties	15	82	15	82
Farms not on mail list	23	28	23	28

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
ASPARAGUS				
Utah	12	43	12	43
Weber	9	19	9	19
All other counties	3	25	3	25
BEANS, SNAP (BUSH AND POLE)				
Utah	85	1 758	85	1 758
Box Elder	25	590	25	590
Cache	10	285	10	285
Davis	29	832	29	832
Salt Lake	3	(D)	3	(D)
Utah	9	(D)	9	(D)
Weber	6	37	6	37
All other counties	3	(Z)	3	(Z)
BEETS				
Utah	17	54	17	54
Davis	5	13	5	13
Salt Lake	5	1	5	1
All other counties	7	40	7	40
HEAD CABBAGE				
Utah	20	198	20	198
Salt Lake	7	95	7	95
Utah	3	10	3	10
All other counties	10	93	10	93
CANTALOUPS AND PERSIAN MELONS				
Utah	63	265	63	265
Box Elder	17	55	17	55
Davis	12	44	12	44
Emery	6	113	6	113

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
CANTALOUPS AND PERSIAN MELONS—Con.				
Grand	5	32	5	32
Salt Lake	3	1	3	1
Utah	3	1	3	1
Weber	5	8	5	8
All other counties	5	8	5	8
Farms not on mail list	7	4	7	4
CARROTS				
Utah	23	121	23	121
Davis	6	93	6	93
Salt Lake	5	6	5	6
Utah	4	9	4	9
All other counties	8	13	8	13
CAULIFLOWER				
Utah	12	84	12	84
Salt Lake	6	51	6	51
All other counties	6	33	6	33
CUCUMBERS AND PICKLES				
Utah	41	28	41	28
Box Elder	5	4	5	4
Davis	4	4	4	4
Salt Lake	9	5	9	5
Utah	4	(D)	4	(D)
Weber	4	(D)	4	(D)
All other counties	5	1	5	1
Farms not on mail list	10	7	10	7
GARLIC				
Utah	6	12	6	12
HONEYDEW MELONS				
Utah	17	46	17	46
Box Elder	8	14	8	14
Emery	3	(D)	3	(D)
All other counties	6	(D)	6	(D)
LETTUCE AND ROMAINE				
Utah	7	41	7	41
Salt Lake	4	(D)	4	(D)
All other counties	3	(D)	3	(D)
ONIONS, DRY				
Utah	96	2 099	96	2 099
Box Elder	19	508	19	508
Davis	49	1 217	49	1 217
Salt Lake	4	(D)	4	(D)
Weber	20	286	20	286
All other counties	4	(D)	4	(D)
ONIONS, GREEN				
Utah	6	71	6	71
PEAS, GREEN, EXCLUDING GREEN COWPEAS				
Utah	28	558	28	558
Davis	20	542	20	542
All other counties	8	15	8	15
PEPPERS, HOT				
Utah	18	20	18	20
Davis	8	10	8	10
Salt Lake	3	2	3	2
Weber	7	9	7	9

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
PEPPERS, SWEET				
Utah	30	88	30	88
Box Elder	4	4	4	4
Davis	11	53	11	53
Salt Lake	3	(D)	3	(D)
Utah	4	(D)	4	(D)
Weber	8	22	8	22
PUMPKINS				
Utah	35	82	35	82
Box Elder	10	23	10	23
Cache	3	1	3	1
Davis	8	32	8	32
Weber	5	10	5	10
All other counties	6	14	6	14
Farms not on mail list	3	1	3	1
RADISHES				
Utah	10	(D)	10	(D)
Weber	4	3	4	3
All other counties	6	(D)	6	(D)
SQUASH				
Utah	49	194	49	194
Box Elder	9	86	9	86
Davis	9	51	9	51
Salt Lake	7	14	7	14
Weber	8	10	8	10
All other counties	10	28	10	28
Farms not on mail list	6	6	6	6
SWEET CORN				
Utah	292	2 835	292	2 835
Box Elder	76	1 341	76	1 341
Cache	44	709	44	709
Davis	43	286	43	286
Iron	4	15	4	15
Salt Lake	22	273	22	273
Utah	47	122	47	122
Washington	4	5	4	5
Weber	21	56	21	56
All other counties	14	17	14	17
Farms not on mail list	17	11	17	11
TOMATOES				
Utah	121	344	121	344
Box Elder	28	170	28	170
Davis	18	33	18	33
Salt Lake	23	52	23	52
Utah	24	40	24	40
Washington	3	3	3	3
Weber	16	30	16	30
All other counties	9	15	9	15
TURNIPS				
Utah	5	(D)	5	(D)
MIXED VEGETABLES				
Utah	4	(D)	4	(D)
WATERMELONS				
Utah	43	184	43	184
Box Elder	12	29	12	29
Davis	10	61	10	61
Emery	5	26	5	26
Grand	6	32	6	32
Washington	3	(D)	3	(D)
Weber	3	12	3	12
All other counties	4	(D)	4	(D)
OTHER VEGETABLES				
Utah	10	49	10	49
Davis	7	32	7	32
All other counties	3	17	3	17

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									
Utah	1 071	11 593	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Box Elder	140	2 288	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cache	37	206	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Carbon	7	18	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Davis	89	556	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Duchesne	12	32	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Emery	10	107	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Garfield	11	36	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Grand	13	67	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Iron	5	20	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Juab	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kane	13	53	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Millard	7	13	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Salt Lake	47	319	(X)	(X)	(X)	(X)	(X)	(X)	(X)
San Juan	8	30	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Summit	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tooele	10	22	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Uintah	6	12	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Utah	344	6 244	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Washington	99	594	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Wayne	8	51	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Weber	71	554	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	5	12	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Farms not on mail list	123	330	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Utah	655	3 669	359 161	275	83 661	601	275 500	375	24 842 172
Box Elder	71	294	36 793	35	1 669	62	35 124	39	970 083
Cache	31	102	3 954	13	602	28	3 352	23	461 750
Carbon	5	8	1 219	3	(D)	5	(D)	3	(D)
Davis	36	80	9 010	19	1 337	30	7 673	16	245 795
Duchesne	8	25	3 296	4	(D)	7	(D)	3	(D)
Emery	7	69	11 703	4	(D)	6	(D)	5	(D)
Garfield	10	31	1 351	2	(D)	9	(D)	8	(D)
Grand	8	20	1 753	5	(D)	6	(D)	5	(D)
Iron	3	11	850	–	–	3	850	1	(D)
Kane	13	49	2 013	3	(D)	13	(D)	10	217 885
Millard	6	10	478	2	(D)	5	(D)	5	15 740
Salt Lake	29	149	10 408	9	224	29	10 184	16	976 346
San Juan	7	11	927	5	(D)	5	(D)	4	995
Tooele	6	5	209	4	(D)	3	(D)	1	(D)
Uintah	5	7	325	2	(D)	5	(D)	2	(D)
Utah	246	2 461	249 032	102	61 889	237	187 143	172	19 942 715
Washington	43	122	10 534	18	4 307	40	6 227	27	403 534
Wayne	8	33	2 147	6	(D)	6	(D)	5	44 000
Weber	39	105	7 377	9	212	39	7 165	23	278 608
All other counties	8	36	3 427	4	388	8	3 039	4	102 450
Farms not on mail list	66	41	2 355	26	764	55	1 591	3	16 200
APRICOTS									
Utah	335	344	20 167	117	1 760	308	18 407	182	364 685
Box Elder	43	94	7 252	13	330	41	6 922	19	131 560
Cache	7	3	134	4	14	7	120	–	–
Carbon	4	2	21	1	(D)	3	(D)	3	(D)
Davis	33	42	2 115	16	314	26	1 801	12	24 964
Duchesne	4	2	41	1	(D)	4	(D)	4	470
Emery	4	(D)	230	1	(D)	3	(D)	3	8 155
Grand	7	4	117	1	(D)	7	(D)	6	6 574
Kane	4	1	56	2	(D)	3	(D)	1	(D)
Millard	3	1	60	2	(D)	2	(D)	1	(D)
Salt Lake	15	14	906	5	29	15	877	5	(D)
San Juan	5	3	89	4	(D)	3	(D)	2	(D)
Tooele	3	(D)	13	2	(D)	1	(D)	–	–
Uintah	3	1	48	1	(D)	3	(D)	1	(D)
Utah	40	28	1 723	11	126	38	1 597	18	24 562
Washington	38	24	1 132	13	341	37	791	22	99 822
Weber	23	57	4 281	6	69	22	4 212	3	(D)
All other counties	7	5	246	2	(D)	6	(D)	2	(D)
Farms not on mail list	92	63	1 703	32	162	87	1 541	80	49 000
CHERRIES									
Utah	562	4 249	394 642	221	93 825	524	300 817	366	14 134 540
Box Elder	102	881	79 574	52	14 872	98	64 702	87	3 472 841
Cache	14	57	4 559	7	(D)	12	(D)	7	22 700
Carbon	4	(D)	27	1	(D)	3	(D)	3	(D)
Davis	58	277	16 238	28	2 137	52	14 101	31	173 744
Duchesne	3	(D)	59	1	(D)	2	(D)	1	(D)
Grand	6	5	459	4	(D)	4	(D)	3	(D)
Kane	5	1	39	2	(D)	4	(D)	2	(D)
Salt Lake	15	85	8 324	5	(D)	14	(D)	10	367 630
San Juan	5	5	112	3	(D)	2	(D)	1	(D)
Tooele	4	1	45	4	(D)	1	(D)	1	(D)
Utah	205	2 549	255 776	75	69 032	198	186 744	142	8 884 474
Washington	22	22	847	6	50	20	797	12	14 980
Weber	44	255	26 306	11	4 157	40	22 149	20	1 163 055
All other counties	11	5	243	2	(D)	10	(D)	6	3 797
Farms not on mail list	64	104	2 034	20	140	64	1 894	40	8 800

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)									
Utah	134	171	68 533	79	22 671	106	45 862	66	467 121
Box Elder	20	27	10 561	11	957	18	9 604	14	59 958
Davis	20	25	10 093	13	6 227	15	3 866	6	9 885
Grand	5	7	2 561	5	(D)	2	(D)	2	(D)
Salt Lake	6	4	864	4	95	5	769	5	1 630
San Juan	5	1	160	1	(D)	4	(D)	4	943
Utah	33	35	12 619	20	3 470	27	9 149	18	29 050
Washington	27	61	25 875	14	5 652	26	20 223	12	361 831
Weber	6	7	3 662	2	(D)	5	(D)	3	2 470
All other counties	7	4	2 108	4	975	4	1 133	2	(D)
Farms not on mail list	5	1	30	5	30	–	–	–	–
NECTARINES									
Utah	3	(D)	352	1	(D)	2	(D)	1	(D)
PEACHES									
Utah	583	2 315	248 747	331	82 461	513	166 286	338	6 832 963
Box Elder	107	936	101 984	69	18 945	93	83 039	65	3 223 763
Cache	8	27	1 457	5	493	7	964	6	54 840
Davis	56	113	7 714	35	2 611	48	5 103	28	258 240
Emery	8	24	2 596	5	1 647	7	949	5	39 640
Garfield	4	3	84	1	(D)	4	(D)	4	7 200
Grand	9	23	3 397	5	(D)	8	(D)	7	(D)
Kane	6	1	33	2	(D)	5	(D)	3	(D)
Millard	3	1	115	2	(D)	2	(D)	1	(D)
Salt Lake	13	15	983	4	278	12	705	6	33 900
San Juan	4	(D)	470	4	(D)	3	(D)	2	(D)
Tooele	6	9	675	6	(D)	3	(D)	2	(D)
Utah	173	837	104 323	113	47 612	146	56 711	99	2 048 581
Washington	63	164	12 224	19	5 267	59	6 957	40	484 978
Wayne	3	(D)	775	3	(D)	1	(D)	1	(D)
Weber	42	106	10 364	11	(D)	42	(D)	24	450 446
All other counties	6	6	623	2	(D)	6	(D)	5	9 642
Farms not on mail list	72	39	930	45	435	67	495	40	32 000
PEARS									
Utah	277	456	39 010	83	8 273	240	30 737	131	1 429 248
Box Elder	24	25	1 283	10	389	19	894	7	11 667
Cache	9	9	542	2	(D)	9	(D)	6	3 792
Carbon	6	4	302	–	–	6	302	5	3 206
Davis	18	7	444	6	21	14	423	4	1 762
Emery	4	8	982	1	(D)	3	(D)	3	(D)
Grand	7	7	591	2	(D)	6	(D)	5	(D)
Kane	4	(Z)	12	2	(D)	3	(D)	2	(D)
Salt Lake	18	44	4 067	5	335	16	3 732	5	(D)
San Juan	4	3	57	2	(D)	2	(D)	2	(D)
Tooele	4	(D)	68	3	(D)	2	(D)	1	(D)
Utah	108	290	26 303	32	5 942	99	20 361	47	853 672
Washington	23	23	1 671	6	(D)	22	(D)	14	75 577
Wayne	3	(D)	408	2	(D)	2	(D)	–	–
Weber	12	16	1 410	3	27	11	1 383	5	(D)
All other counties	8	10	740	2	(D)	6	(D)	5	119 380
Farms not on mail list	25	5	130	5	10	20	120	20	6 000
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
Utah	109	84	5 656	42	747	94	4 909	49	140 203
Box Elder	18	27	1 631	5	324	15	1 307	7	23 301
Cache	4	3	106	3	59	3	47	1	(D)
Davis	11	11	488	6	79	10	409	3	1 153
Duchesne	3	1	18	2	(D)	3	(D)	1	(D)
Garfield	3	1	46	–	–	3	46	3	1 880
Salt Lake	3	(Z)	39	2	(D)	3	(D)	2	(D)
Utah	27	24	2 436	12	205	25	2 231	18	87 599
Washington	6	4	270	1	(D)	6	(D)	5	21 464
Weber	8	6	267	1	(D)	8	(D)	2	(D)
All other counties	14	6	343	5	58	11	285	7	3 408
Farms not on mail list	12	1	12	5	5	7	7	–	–
OTHER NONCITRUS FRUIT									
Utah	47	42	2 866	35	768	34	2 098	20	23 865
Box Elder	3	3	68	2	(D)	3	(D)	2	(D)
Cache	4	2	105	4	(D)	1	(D)	1	(D)
Duchesne	3	(Z)	60	3	(D)	2	(D)	2	(D)
Salt Lake	7	8	786	5	(D)	4	(D)	3	(D)
Tooele	3	(D)	80	2	(D)	3	(D)	1	(D)
Utah	13	16	999	8	360	9	639	5	17 700
Washington	3	(D)	602	2	(D)	3	(D)	1	(D)
Weber	4	2	107	3	(D)	4	(D)	4	480
All other counties	7	1	59	6	41	5	18	1	(D)
ALMONDS									
Utah	49	27	806	26	(D)	45	(D)	44	9 960
Washington	3	1	15	2	(D)	3	(D)	3	(D)
All other counties	6	2	131	4	(D)	2	(D)	1	(D)
Farms not on mail list	40	24	660	20	240	40	420	40	9 800

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
PECANS, IMPROVED									
Utah	79	207	8 698	26	(D)	74	(D)	71	41 540
All other counties	19	155	6 318	6	(D)	14	(D)	11	7 540
Farms not on mail list	60	52	2 380	20	1 200	60	1 180	60	34 000
WALNUTS, ENGLISH OR PERSIAN									
Utah	15	7	225	5	34	11	191	5	490
Salt Lake	3	1	16	–	–	3	16	2	(D)
Weber	3	1	19	2	(D)	1	(D)	1	(D)
All other counties	9	6	190	3	(D)	7	(D)	2	(D)

Table 33. **Berries: 1978**

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BLACKBERRIES (POUNDS)					
Utah	6	1	2 112	6	1
RASPBERRIES (POUNDS)					
Utah	67	114	157 438	67	114
Box Elder	13	11	12 800	13	11
Cache	9	12	23 898	9	12
Davis	8	(D)	(D)	8	(D)
Salt Lake	5	(D)	(D)	5	(D)
RASPBERRIES (POUNDS)—Con.					
Utah	22	15	24 250	22	15
Weber	5	1	5 040	5	1
All other counties	5	68	79 100	5	68
STRAWBERRIES (POUNDS)					
Utah	13	16	64 446	13	16
Cache	3	1	(D)	3	1
Utah	4	12	(D)	4	12
All other counties	6	3	9 968	6	3

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

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
ALL NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)				
Utah	177	3 722 905	951	14 231
Box Elder	16	84 290	41	239
Cache	7	50 345	19	198
Davis	27	689 462	89	3 080
Iron	4	–	29	(D)
Salt Lake	31	752 834	125	2 823
Utah	26	264 434	560	1 739
Washington	7	245 476	8	(D)
Weber	25	87 070	38	267
All other counties	17	1 498 294	39	4 960
Farms not on mail list	17	50 700	3	102
BEDDING PLANTS				
Utah	69	580 539	10	1 590
Box Elder	4	(D)	(D)	(D)
Cache	3	(D)	(D)	(D)
Davis	10	110 380	2	286
Salt Lake	16	180 250	4	604
Utah	9	103 455	(D)	232
Washington	4	16 000	–	51
Weber	7	44 300	–	89
All other counties	11	50 294	(D)	126
Farms not on mail list	5	7 500	–	6
BULBS				
Utah	4	(D)	11	41
CUT FLOWERS AND CUT FLORIST GREENS				
Utah	20	454 094	21	1 357
Davis	7	(D)	(D)	(D)
Salt Lake	8	(D)	(D)	(D)
All other counties	5	(D)	2	23
FOLIAGE AND FLOWERING PLANTS				
Utah	38	770 282	25	2 535
Box Elder	4	19 300	(D)	58
Davis	7	263 000	(D)	820
Salt Lake	6	101 167	(D)	(D)
Utah	8	141 639	(D)	468
Washington	3	(D)	(D)	(D)
Weber	5	(D)	(D)	50
All other counties	5	3 500	(D)	25
NURSERY PRODUCTS				
Utah	35	69 180	106	1 691
Davis	3	(D)	(D)	(D)
Salt Lake	11	(D)	46	529
Weber	9	(D)	19	42
All other counties	6	(D)	(D)	(D)
Farms not on mail list	6	–	3	6
SOD HARVESTED				
Utah	20	(X)	758	1 645
Iron	4	(X)	29	(D)
Utah	7	(X)	545	998
All other counties	9	(X)	184	(D)
GREENHOUSE VEGETABLES				
Utah	24	422 810	(X)	420
Box Elder	8	37 630	(X)	68
Weber	4	26 390	(X)	32
All other counties	6	315 590	(X)	230
Farms not on mail list	6	43 200	(X)	90
OTHER NURSERY AND GREENHOUSE PRODUCTS				
Utah	4	(D)	(D)	24
Utah	4	(D)	(D)	24

Table 35. Other Crops: 1978

All Farms

	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED					
Utah	5	21	(X)	5	21

All Farms

	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
MINT FOR OIL (POUNDS OF OIL)					
Utah	5	186	12 229	5	186
Box Elder	5	186	12 229	5	186

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	
				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)	Total acres held	Farms	Acres	Farms	Acres	Farms	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Land in farms (acres)
Utah	13	29 358	918	12	(D)	1	(D)	28	222 598	12 817	9 662 335	975	603 377
Salt Lake	4	29 106	759	3	(D)	1	(D)	3	(D)	590	138 340	63	38 516
Utah	4	48	48	4	48	–	–	2	(D)	1 491	411 099	115	22 930
All other counties	5	204	111	5	111	–	–	23	216 842	10 736	9 112 896	797	541 931

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

All Farms

			Forms with—							
	Farms	Income ($1,000)	$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
Utah	1 184	2 597	259	163	194	416	105	36	5	6
Beaver	15	50	1	4	3	4	1	1	1	–
Box Elder	125	310	16	16	19	61	9	3	–	1
Cache	125	155	41	13	28	35	8	–	–	–
Carbon	6	7	2	–	1	3	–	–	–	–
Davis	46	149	8	6	14	12	2	2	1	1
Duchesne	28	33	8	3	7	9	–	1	–	–
Emery	23	33	6	6	2	6	3	–	–	–
Garfield	16	29	5	1	4	4	1	1	–	–
Grand	5	2	2	1	2	–	–	–	–	–
Iron	34	82	3	2	3	21	5	–	–	–
Juab	21	40	3	5	4	7	1	1	–	–
Kane	8	33	2	–	1	2	2	1	–	–
Millard	85	331	7	9	10	32	20	6	–	1
Morgan	16	42	2	1	3	8	1	1	–	–
Rich	12	31	3	–	2	4	2	1	–	–
Salt Lake	65	159	20	11	4	19	9	1	–	1
San Juan	30	106	5	3	5	12	–	4	1	–
Sanpete	80	149	19	8	14	29	7	2	1	–
Sevier	49	131	4	4	10	26	4	–	–	1
Summit	29	33	8	10	4	4	3	–	–	–
Tooele	16	15	3	3	6	4	–	–	–	–
Uintah	24	30	7	5	3	8	1	–	–	–
Utah	146	302	45	21	24	36	13	6	–	1
Wasatch	15	23	4	3	1	6	1	–	–	–
Washington	24	78	4	3	5	9	1	1	1	–
Wayne	6	4	3	1	1	1	–	–	–	–
Weber	61	129	13	10	9	21	4	4	–	–
All other counties	6	13	1	–	–	5	–	–	–	–
Farms not on mail list	68	100	14	14	5	28	7	–	–	–

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

All Farms

	Farms	Value ($1,000)	Farms with— $1 to $249	$250 to $499	$500 to $999	$1,000 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $29,999	$30,000 or more
Utah	1 272	3 546	268	206	243	429	67	33	7	19
Box Elder	107	611	19	14	14	39	9	8	–	4
Cache	79	487	8	11	19	26	7	4	2	2
Carbon	12	(D)	7	1	4	–	–	–	–	–
Davis	91	254	12	14	14	40	6	4	–	1
Duchesne	31	24	9	8	9	5	–	–	–	–
Emery	30	46	7	9	4	7	2	1	–	–
Garfield	18	16	5	2	5	6	–	–	–	–
Grand	12	29	2	1	1	7	1	–	–	–
Iron	28	34	11	7	2	6	2	–	–	–
Juab	13	31	3	2	2	5	–	1	–	–
Kane	12	18	1	2	4	5	–	–	–	–
Millard	27	42	9	5	2	9	2	–	–	–
Morgan	12	10	3	3	3	3	–	–	–	–
Rich	8	20	2	1	1	2	2	–	–	–
Salt Lake	91	313	23	3	10	42	5	4	1	3
San Juan	11	24	1	–	2	8	–	–	–	–
Sanpete	40	83	4	7	7	16	6	–	–	–
Sevier	28	290	4	5	4	7	1	1	3	3
Summit	24	22	7	5	5	6	1	–	–	–
Tooele	24	31	3	8	3	9	1	–	–	–
Uintah	23	29	4	5	3	10	1	–	–	–
Utah	239	505	50	39	46	83	13	5	–	3
Wasatch	14	(D)	1	3	2	6	1	–	–	1
Washington	61	239	11	4	9	26	6	3	–	2
Wayne	19	13	7	3	4	5	–	–	–	–
Weber	86	141	19	10	13	40	1	2	1	–
All other counties	5	3	2	2	–	1	–	–	–	–
Farms not on mail list	127	69	34	32	51	10	–	–	–	–

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

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

All Farms

	Land in farms: Farms	Land in farms: Acres	Harvested cropland: Farms	Harvested cropland: Acres	Market value of agricultural products sold ($1,000)	Farms by value of sales: Occupation farming: Less than $2,500	Occupation farming: $2,500 to $19,999	Occupation farming: $20,000 or more	Occupation other than farming: Less than $2,500	Occupation other than farming: $2,500 to $19,999	Occupation other than farming: $20,000 or more
Utah	141	1 017 541	131	13 310	5 466	4	16	72	25	22	2
Box Elder	38	4 739	37	3 577	1 589	–	6	26	2	4	–
Cache	4	373	4	(D)	31	–	1	1	1	1	–
Davis	26	2 673	25	1 886	988	2	2	16	2	4	–
Juab	5	449	5	206	14	–	–	–	2	3	–
Salt Lake	21	1 363	18	1 020	1 023	–	3	12	5	1	–
San Juan	5	513	2	(D)	33	–	–	1	4	–	–
Tooele	3	20 296	3	565	39	–	1	1	1	–	–
Uintah	8	972 807	7	476	37	–	1	–	4	3	–
Utah	4	2 841	4	2 627	635	–	–	2	–	2	–
Weber	14	910	13	690	480	1	1	8	2	1	1
All other counties	13	10 577	13	1 631	597	1	1	5	2	3	1

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: Number	Full owners: Land in farms	Full owners: Harvested cropland	Part owners: Number	Part owners: Land in farms	Part owners: Harvested cropland	Tenants: Number	Tenants: Land in farms	Tenants: Harvested cropland
Utah	66	988 906	3 118	58	24 034	6 535	17	4 601	3 657
Box Elder	14	1 399	880	20	2 661	2 402	4	679	295
Cache	3	210	114	1	(D)	(D)	–	–	–
Davis	9	566	330	10	1 203	1 000	7	904	556
Juab	5	449	206	–	–	–	–	–	–
Salt Lake	8	240	175	10	1 065	795	3	58	50
San Juan	4	33	(D)	–	–	–	1	(D)	(D)
Uintah	4	969 945	(D)	4	2 862	437	–	–	–
Weber	8	274	190	6	(D)	(D)	–	–	–
All other counties	11	15 790	1 174	7	15 444	1 353	2	(D)	(D)

Table 41. **Operators by Selected Racial Groups: 1978**

	All farms		Farms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
BLACK				
Utah	3	385	2	(D)
AMERICAN INDIAN				
Utah	27	988 329	10	4 425
Box Elder	3	880	2	(D)
San Juan	5	513	1	(D)
Uintah	8	972 807	4	2 862
All other counties	11	14 129	3	443
ASIAN OR PACIFIC ISLANDER				
Utah	93	20 752	87	20 306
Box Elder	33	3 679	32	(D)
Davis	22	2 483	20	(D)
Salt Lake	16	1 277	15	(D)
Weber	11	790	10	(D)
All other counties	11	12 523	10	12 517
ALL OTHER RACES (SEE TEXT)				
Utah	18	8 075	12	8 029
Davis	3	187	1	(D)
Salt Lake	4	70	1	(D)
All other counties	11	7 818	10	(D)

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
Utah	51	36 984	35	30 862
Box Elder	7	4 092	6	(D)
Carbon	4	6 412	4	6 412
Millard	3	2 289	2	(D)
Salt Lake	5	96	1	(D)
Utah	6	3 297	6	3 297
Weber	3	1 158	2	(D)
All other counties	23	19 640	14	13 791

Table 43. **Female Operators: 1978**

	All farms		Farms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Utah	375	176 487	210	143 080
Beaver	5	17 345	1	(D)
Box Elder	42	58 758	29	58 058
Cache	32	5 563	26	5 421
Davis	20	1 091	5	303
Duchesne	22	3 551	16	2 684
Emery	6	1 185	2	(D)
Garfield	6	884	–	–
Juab	4	628	3	(D)
Kane	5	2 860	1	(D)
Millard	20	7 011	15	6 670
Morgan	5	2 963	3	(D)
Piute	3	792	3	792
Rich	3	265	1	(D)
Salt Lake	20	782	9	371
San Juan	14	8 288	7	7 093
Sanpete	16	3 177	11	2 806
Sevier	4	355	1	(D)
Summit	18	13 854	11	12 541
Tooele	8	2 149	3	1 622
Uintah	21	5 273	13	4 372
Utah	36	18 683	23	18 216
Wasatch	7	383	2	(D)
Washington	10	1 634	4	110
Wayne	5	481	2	(D)
Weber	28	2 812	12	673
All other counties	6	15 603	4	15 493
Farms not on mail list	9	117	3	45

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	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Farms	13 833	10 517 668	12 184	10 610 050	9 748	8 679 520	8 745	8 725 598
Average size of farm	(X)	760	(X)	871	(X)	890	(X)	998
Approximate land area	(X)	52 540 160	(X)	52 540 160	(X)	52 540 160	(X)	52 540 160
Proportion in farms ... percent	(X)	20.0	(X)	20.2	(X)	16.5	(X)	16.6
Value of land and buildings:[1]								
Average per farm ... dollars	303 763	(X)	163 989	(X)	357 757	(X)	192 839	(X)
Average per acre ... dollars	(X)	400	(X)	188	(X)	406	(X)	193
Land in farms according to use:								
Total cropland	12 671	2 034 492	11 327	1 838 683	9 049	1 878 746	8 168	1 668 708
Harvested cropland	11 663	1 174 703	10 692	1 089 243	8 529	1 111 201	7 878	1 024 528
By acres harvested:								
1 to 9 acres	1 879	9 100	1 293	(NA)	605	2 934	376	(NA)
10 to 19 acres	1 761	23 946	1 481	(NA)	811	11 218	555	(NA)
20 to 29 acres	1 285	29 750	1 134	(NA)	812	19 050	660	(NA)
30 to 49 acres	1 673	62 791	1 621	(NA)	1 384	52 320	1 302	(NA)
50 to 99 acres	2 027	141 296	2 197	(NA)	1 933	135 214	2 067	(NA)
100 to 199 acres	1 575	217 616	1 591	(NA)	1 551	214 451	1 576	(NA)
200 to 499 acres	1 090	320 120	1 064	(NA)	1 066	312 965	1 036	(NA)
500 to 999 acres	249	166 998	208	(NA)	244	(D)	206	(NA)
1,000 acres or more	124	203 086	103	(NA)	123	(D)	100	(NA)
Cropland used only for pasture	6 129	490 703	5 568	438 028	4 345	422 484	3 889	360 818
Other cropland	3 514	369 086	2 585	311 412	2 676	345 061	2 108	283 362
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	513	22 432	(NA)	(NA)	412	19 255	316	41 195
Cropland on which all crops failed	677	25 321	(NA)	(NA)	491	21 797	480	28 192
Cropland in cultivated summer fallow	1 419	225 226	(NA)	(NA)	1 185	220 172	1 029	168 639
Cropland idle	1 857	96 107	(NA)	(NA)	1 399	83 837	816	45 336
Total woodland	508	681 575	492	690 908	385	200 148	371	208 291
Woodland pastured	312	604 107	(NA)	(NA)	252	157 571	231	150 226
Woodland not pastured	239	77 468	(NA)	(NA)	170	42 577	158	58 065
Other land	9 425	7 801 601	8 341	8 080 459	6 812	6 600 626	6 338	6 848 599
Pastureland and rangeland, other than cropland and woodland pastured	4 576	7 556 768	(NA)	(NA)	3 703	6 399 328	3 552	6 582 017
Land in house lots, ponds, roads, wasteland, etc	7 298	244 833	(NA)	(NA)	5 041	201 298	5 005	266 582
Pastureland, all types	9 256	8 651 578	(NA)	(NA)	6 788	6 979 383	(NA)	7 093 061
Irrigated land	11 655	1 185 315	9 701	969 645	8 355	1 095 312	7 281	897 192
Harvested cropland irrigated	10 744	849 731	(NA)	(NA)	7 858	795 103	7 021	707 678
Pastureland irrigated	5 072	317 005	(NA)	(NA)	3 625	285 209	(NA)	180 892
Other land irrigated	742	18 579	(NA)	(NA)	530	15 000	263	8 622
Land set aside in the federal farm programs in 1978	1 354	49 907	(X)	(X)	1 249	48 226	(X)	(X)

[1]1978 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]	13 833	468 195	12 184	338 649	9 748	456 689	8 745	328 440
Average per farm ... dollars	(X)	33 846	(X)	27 795	(X)	46 850	(X)	37 557
Farms by value of agricultural products sold:[1]								
$100,000 or more	961	277 384	590	(NA)	961	277 384	590	(NA)
$40,000 to $99,999	1 442	91 208	1 250	(NA)	1 442	91 208	1 250	(NA)
$20,000 to $39,999	1 437	41 075	1 480	(NA)	1 437	41 075	1 480	(NA)
$10,000 to $19,999	1 779	25 091	1 703	(NA)	1 779	25 091	1 703	(NA)
$5,000 to $9,999	2 003	14 290	1 846	(NA)	2 003	14 290	1 846	(NA)
$2,500 to $4,999	2 126	7 641	1 662	(NA)	2 126	7 641	1 662	(NA)
Less than $2,500 (see text)	3 948	4 623	3 491	(NA)	(X)	(X)	214	(NA)
$2,000 to $2,499	669	1 464	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	816	1 391	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	1 049	1 252	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	1 414	516	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	137	6 882	162	(NA)	(X)	(X)	(X)	(X)
Crops	6 742	102 608	7 218	94 887	5 103	99 873	(NA)	91 455
Grains	3 730	28 519	(NA)	(NA)	3 201	27 758	3 920	32 254
Commodity Credit Corporation loans	360	1 503	(NA)	(NA)	341	1 496	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	3 916	32 709	(NA)	(NA)	2 931	31 343	2 835	26 015
Vegetables, sweet corn, and melons	519	7 089	(NA)	(NA)	413	6 961	395	4 843
Fruits, nuts, and berries	679	9 558	(NA)	(NA)	391	9 175	395	6 275
Nursery and greenhouse products	177	14 231	147	6 093	150	14 198	117	6 035
Other crops	390	10 500	(NA)	(NA)	364	10 437	569	16 032
Livestock, poultry, and their products	10 246	365 588	9 050	243 622	7 742	356 817	6 786	236 859
Poultry and poultry products	473	54 583	458	42 230	296	53 846	349	41 729
Dairy products	1 326	92 024	(NA)	(NA)	1 226	89 389	1 335	59 431
Cattle and calves	8 140	168 082	(NA)	(NA)	6 493	164 071	5 928	100 285
Hogs and pigs	1 116	5 172	(NA)	(NA)	811	4 714	683	3 283
Sheep, lambs, and wool	2 167	30 886	(NA)	(NA)	1 585	30 329	1 483	25 632
Other livestock and livestock products (see text)	1 513	14 840	(NA)	(NA)	1 054	14 467	655	6 498

[1]1974 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	13 833	12 184	10 517 668	11 663	7 837 251	1 174 703	11 655	7 484 869	1 004 578	1 185 315
Farms with—										
1 to 9 acres	1 847	1 116	7 418	902	4 681	3 355	1 105	5 645	3 167	4 594
10 to 49 acres	3 585	2 948	92 810	3 099	81 826	52 848	3 211	84 049	50 442	63 091
50 to 69 acres	912	793	52 245	834	47 928	27 792	835	47 865	26 597	32 121
70 to 99 acres	1 047	1 025	86 205	964	79 379	44 714	950	78 237	42 397	51 444
100 to 139 acres	967	999	112 671	879	102 353	56 479	863	100 560	53 893	64 459
140 to 179 acres	793	721	124 855	727	114 487	58 561	717	112 917	55 686	66 153
180 to 219 acres	506	580	100 314	481	95 403	45 633	457	90 640	43 316	51 528
220 to 259 acres	424	382	100 409	405	95 935	44 372	396	93 754	42 558	49 874
260 to 499 acres	1 401	1 255	496 496	1 297	458 675	180 590	1 234	437 277	167 436	211 745
500 to 999 acres	946	904	659 201	862	599 539	177 338	809	558 360	156 071	197 407
1,000 to 1,999 acres	607	639	839 339	564	780 678	165 748	496	688 497	128 453	151 272
2,000 acres or more	798	822	7 845 705	649	5 376 367	317 273	582	5 187 068	234 562	241 627

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	13 833	10 517 668	12 184	10 610 050	9 748	8 679 520	8 745	8 725 598
Harvested cropland	11 663	1 174 703	10 692	1 089 243	8 529	1 111 201	7 878	1 024 528
Tenure of operator:								
Full owners	8 915	4 359 506	7 942	3 520 212	5 687	2 992 844	5 238	3 142 913
Harvested cropland	7 259	513 945	(NA)	551 023	4 803	470 997	(NA)	505 327
Part owners	4 130	5 825 301	3 541	6 606 456	3 517	5 499 270	3 008	5 334 669
Harvested cropland	3 777	599 633	(NA)	485 463	3 269	585 587	(NA)	468 713
Tenants	788	332 861	701	483 382	544	187 406	499	248 016
Harvested cropland	627	61 125	(NA)	52 757	457	54 617	(NA)	50 488
Type of organization:								
Individual or family	11 633	4 956 822	(NA)	(NA)	7 966	4 699 014	7 707	5 223 973
Partnership	1 423	2 043 247	(NA)	(NA)	1 201	2 006 468	691	1 535 394
Corporation	479	1 880 330	(NA)	(NA)	456	1 873 465	319	1 935 278
Other—cooperative, estate or trust, institutional, etc.	298	1 637 269	(NA)	(NA)	125	100 573	28	30 953

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	6 202	6 287	5 382	5 473
Other	7 631	5 388	4 366	2 925
Operators by age group:				
Under 25 years	267	180	192	107
25 to 34 years	1 408	880	976	643
35 to 44 years	2 763	2 199	1 801	1 538
45 to 54 years	3 661	3 013	2 629	2 253
55 to 64 years	3 219	3 059	2 376	2 221
65 years and over	2 515	2 344	1 774	1 636
Average age	51.2	52.6	51.5	52.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	8 898	5 889	6 250	4 342
Not on farm operated	3 631	3 539	2 551	2 409
Not reported	1 304	2 247	947	1 647
Operators reporting days of work off farm:				
None	4 444	3 271	3 706	2 802
1 to 49 days	884	721	675	531
50 to 99 days	398	416	324	259
100 to 149 days	475	336	363	238
150 to 199 days	1 011	848	747	614
200 days or more	6 092	4 168	3 478	2 333

[1]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	5 876	75 247	5 084	52 074	4 458	73 371	3 698	50 449
Feed for livestock and poultry	9 000	102 865	7 793	87 162	6 738	99 873	5 682	84 257
Commercially mixed formula feeds	3 337	56 651	4 892	56 054	2 598	55 357	3 786	54 746
Animal health costs	8 436	3 751	(NA)	(NA)	6 600	3 492	4 662	2 431
Seeds, bulbs, plants, and trees	6 389	7 169	6 143	4 797	5 132	6 841	4 768	4 566
Commercial fertilizer	6 638	11 985	5 884	9 442	5 350	11 444	4 740	8 987
Other agricultural chemicals including lime	6 594	4 676	4 931	2 471	5 328	4 454	4 085	2 382
Hired farm labor	6 466	35 054	5 184	22 269	5 529	33 593	4 271	20 906
Contract labor	1 335	3 057	706	1 468	1 155	2 967	588	1 421
Customwork, machine hire, and rental of machinery and equipment	6 789	6 306	6 349	4 757	5 102	5 731	4 769	4 334
Energy and petroleum products	13 712	31 821	(NA)	(NA)	9 847	30 377	(NA)	(NA)
Petroleum products	13 692	22 708	11 949	14 589	9 842	21 587	8 668	13 714
Gasoline	13 202	13 011	(NA)	(NA)	9 531	12 268	8 399	8 603
Diesel fuel	7 722	6 082	(NA)	(NA)	6 629	5 890	5 555	3 288
LP gas, butane, and propane	1 658	934	(NA)	(NA)	1 512	912	1 236	467
Fuel oil	938	342	(NA)	(NA)	782	326	8 656	1 355
Natural gas	630	757	(NA)	(NA)	610	721		
Kerosene, motor oil, and grease	13 681	1 583	(NA)	(NA)	9 837	1 469		
Electricity	7 477	8 807	(NA)	(NA)	6 195	8 505	(NA)	(NA)
Other—coal, wood, coke, etc.	988	306	(NA)	(NA)	805	284	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	6 374	510 841	5 174	487 563	4 741	347 888
Cropland fertilized, except pasture	6 232	476 445	5 105	455 923	(NA)	323 844
Pasture and rangeland fertilized	1 014	34 396	800	31 640	(NA)	24 044
Lime	1	(D)	1	(D)	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	3 861	272 246	3 212	261 429	(NA)	197 593
Nematodes in crops	255	8 200	234	7 882	155	5 651
Diseases in crops and orchards	783	20 701	450	19 101	168	6 639
Weeds, grass, or brush in crops and pasture	3 517	281 497	3 041	269 965	(NA)	171 546
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	223	13 497	171	13 155	85	3 195
Insect control on livestock and poultry	2 948	(X)	2 450	(X)	766	(X)
Sanitation and rodent and bird control	1 122	(X)	916	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	13 772	11 638	9 873	8 401
$1,000	379 093	245 726	341 537	210 256
Average per farm — dollars	27 526	21 114	34 593	25 027
Farms by value group:				
$1 to $4,999	1 935	1 837	982	929
$5,000 to $9,999	3 982	2 421	1 732	1 323
$10,000 to $19,999	2 642	2 851	2 207	2 003

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	1 508	1 901	1 374	1 684
$30,000 to $49,999	1 586	1 744	1 534	1 609
$50,000 to $69,999	789	457	765	437
$70,000 to $99,999	500		491	
$100,000 to $199,999	611	427	588	416
$200,000 or more	219		200	

	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	8 201	12 157	4 371	5 377	5 158	6 780	8 844	12 430	6 839
Motortrucks including pickups	11 976	22 723	5 575	7 297	9 269	15 426	10 470	19 451	6 931
Wheel tractors	11 511	22 206	2 945	3 932	10 460	18 274	10 158	20 054	4 710
Grain and bean combines, self-propelled only	1 602	1 748	291	310	1 343	1 438	1 351	1 442	343
Corn heads for combines	171	186	58	61	119	125	192	196	55
Other cornpickers and picker-shellers	91	123	26	35	68	88	239	244	32
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	4 937	5 292	1 756	1 803	3 272	3 489	2 187	2 257	644
Pickup balers	6 446	7 171	1 942	2 151	4 692	5 020	5 678	5 957	1 829
Field forage harvesters, shear bar or flywheel type	1 754	1 909	607	648	1 174	1 261	1 429	1 560	553

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of forms; 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	Forms	Workers	Forms	Workers	1978	1974
Farms	6 466	2 194	(X)	5 683	(X)	5 529	4 271
Workers	29 756	(X)	5 617	(X)	24 139	27 120	29 431
Forms with—							
1 worker	1 869	1 039	1 039	1 621	1 621	1 429	1 261
2 workers	1 352	546	1 092	1 390	2 780	1 110	593
3 or 4 workers	1 579	376	1 256	1 381	4 651	1 451	820
5 to 9 workers	1 057	186	1 110	812	4 952	972	821
10 workers or more	609	47	1 120	479	10 135	567	776

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	11 116	(X)	9 430	(X)	7 966	(X)	6 850	(X)
Any cattle, hogs, or sheep	9 773	(X)	8 839	(X)	7 198	(X)	6 449	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	10 246	365 588	9 050	243 622	7 742	356 817	6 786	236 859
Any cattle, hogs, or sheep ... $1,000	9 363	204 140	8 493	(NA)	7 201	199 114	6 438	129 200
CATTLE AND CALVES								
Inventory:								
Cattle and calves	8 780	810 543	8 087	839 849	6 552	774 272	6 004	785 516
Cows and heifers that had calved	7 353	396 715	6 739	413 076	5 640	378 310	5 202	386 984
Beef cows	5 870	317 931	5 246	335 417	4 494	302 240	3 953	312 076
Milk cows	2 646	78 784	2 828	77 659	2 065	76 070	2 285	74 908
Heifers and heifer calves	6 605	205 859	(NA)	(NA)	5 206	196 903	4 667	190 819
Steers, steer calves, bulls and bull calves	7 250	207 969	(NA)	(NA)	5 597	199 059	4 995	207 713
Sales:								
Cattle and calves	8 140	471 540	7 547	431 649	6 493	457 211	5 928	413 705
$1,000	(X)	168 082	(X)	(NA)	(X)	164 071	(X)	100 285
Calves	4 311	151 221	(NA)	(NA)	3 501	144 033	2 976	128 206
$1,000	(X)	36 107	(X)	(NA)	(X)	34 659	(X)	15 644
Cattle	6 614	320 319	(NA)	(NA)	5 430	313 178	5 049	285 499
$1,000	(X)	131 975	(X)	(NA)	(X)	129 412	(X)	84 640
Fattened cattle	1 609	133 749	(NA)	(NA)	1 253	131 550	1 196	98 141
$1,000	(X)	63 417	(X)	(NA)	(X)	62 614	(X)	37 944
Dairy products ... $1,000	1 326	92 024	(NA)	(NA)	1 226	89 389	1 335	59 431
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	1 563	48 850	1 384	37 295	1 000	43 235	952	32 003
Used or to be used for breeding	862	7 288	(NA)	(NA)	598	6 184	504	3 675
Other hogs and pigs	1 375	41 562	(NA)	(NA)	884	37 051	877	28 328
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	892	9 189	760	7 140	618	8 122	574	6 037
Dec. 1 of preceding year and May 31	741	4 780	575	3 574	517	4 173	463	3 055
June 1 and Nov. 30	629	4 409	592	3 566	472	3 949	450	2 982
Sheep and lambs	2 202	621 399	2 336	759 261	1 582	607 322	1 526	732 669
Ewes 1 year old or older	2 074	441 959	(NA)	(NA)	1 506	432 677	1 452	522 208
Goats	124	1 158	(NA)	(NA)	56	765	16	153
Horses and ponies	5 953	27 153	4 082	17 654	4 324	20 471	2 829	13 294
Sales:								
Hogs and pigs	1 116	62 807	912	56 142	811	56 133	683	49 759
$1,000	(X)	5 172	(X)	(NA)	(X)	4 714	(X)	3 283
Feeder pigs	330	12 626	324	8 475	229	10 726	225	6 694
$1,000	(X)	389	(X)	(NA)	(X)	338	(X)	118
Sheep and lambs	2 082	483 989	2 098	721 597	1 546	475 705	1 460	702 420
Sheep and lambs shorn	2 027	536 531	(NA)	(NA)	1 498	526 070	1 349	640 655
Pounds of wool	(X)	5 379 403	(X)	(NA)	(X)	5 280 379	(X)	6 404 214
Sheep, lambs, and wool ... $1,000	2 167	30 886	(NA)	(NA)	1 585	30 329	1 483	25 632
Goats	38	229	(NA)	(NA)	9	138	5	55
$1,000	(X)	11	(X)	(NA)	(X)	9	(X)	3
Horses and ponies	1 088	2 884	603	1 794	755	2 181	442	1 466
$1,000	(X)	2 435	(X)	(NA)	(X)	2 135	(X)	847
POULTRY								
Inventory:								
Any poultry	1 675	(X)	1 267	(X)	921	(X)	819	(X)
Chickens 3 months old or older	1 440	2 298 463	1 171	2 109 377	808	2 246 624	739	2 052 170
Hens and pullets of laying age	1 412	2 166 660	1 118	1 769 836	798	2 126 470	703	1 718 735
Pullets 3 months old or older	185	131 803	(NA)	(NA)	81	120 154	41	327 707
Pullet chicks and pullets under 3 months old	76	357 749	(NA)	(NA)	46	355 232	20	229 207
Broilers and other meat-type chickens	297	11 551	193	9 903	106	4 709	125	7 048
Turkeys	172	894 551	(NA)	(NA)	92	893 929	82	575 683
Turkeys for slaughter	129	855 561	(NA)	(NA)	74	(D)	64	511 615
Turkey hens kept for breeding	77	38 990	(NA)	(NA)	34	(D)	34	64 068
Other poultry	440	(X)	(NA)	(X)	173	(X)	72	(X)
Sales:								
Any poultry	369	(X)	317	(X)	237	(X)	271	(X)
Chickens 3 months old or older	111	951 855	154	1 308 236	70	938 227	113	1 277 263
Hens and pullets of laying age	107	(D)	150	1 095 195	68	(D)	112	(D)
Pullets 3 months old or older	12	(D)	(NA)	(NA)	2	(D)	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	36	2 623	29	64 061	18	861	13	62 677
Turkeys	106	3 063 670	(NA)	(NA)	99	3 033 037	134	4 040 677
Turkeys for slaughter	102	3 028 944	(NA)	(NA)	97	(D)	132	3 674 641
Turkey hens kept for breeding	7	34 726	(NA)	(NA)	5	(D)	8	366 036
Other poultry	59	(X)	(NA)	(X)	31	(X)	24	(X)
Poultry and poultry products ... $1,000	473	54 583	458	42 230	296	53 846	349	41 729

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	2 367	78 602	(X)	2 367	78 602	2 132	74 736	(X)	2 132	74 736
	1974	2 710	73 332	(X)	(NA)	(NA)	2 405	69 578	(X)	2 389	69 121
For grain or seed (bushels)	1978	513	14 693	1 194 596	513	14 693	446	(D)	1 154 862	446	(D)
	1974	497	10 056	787 005	(NA)	(NA)	413	9 503	752 634	406	9 400
For silage or green chop (tons, green)	1978	2 010	63 888	1 040 928	2 010	63 888	1 841	60 671	995 299	1 841	60 671
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 068	58 469	969 810	2 067	58 327
For fodder, hogged or grazed	1978	5	21	(X)	5	21	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	82	1 606	(X)	69	1 394
Sorghums for all purposes	1978	71	1 382	(X)	70	1 378	61	1 287	(X)	61	1 287
	1974	96	1 857	(X)	(NA)	(NA)	60	1 411	(X)	53	1 271
For grain or seed (bushels)	1978	30	603	32 647	30	603	26	564	30 713	26	564
	1974	27	510	36 017	(NA)	(NA)	18	410	29 297	18	410
For silage or green chop (tons, green)	1978	37	709	6 554	37	709	33	674	6 172	33	674
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	41	741	10 031	34	601
Cut for dry forage or hay (tons, dry)	1978	5	(D)	180	4	(D)	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	250	864	7	250
Hogged or grazed	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	2 090	254 603	6 689 017	1 312	36 775	1 852	251 098	6 590 140	1 161	35 722
	1974	3 623	264 168	6 377 354	(NA)	(NA)	3 041	256 578	6 184 670	2 039	53 546
Oats for grain (bushels)	1978	1 219	14 889	793 687	1 141	13 486	969	13 104	713 706	912	11 902
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	836	9 988	533 805	722	7 912
Barley for grain (bushels)	1978	4 387	146 520	9 120 661	4 013	125 869	3 782	139 539	8 758 852	3 474	119 632
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3 682	114 693	6 020 011	3 229	92 403
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	251	(D)	8	106
Other small grains for grain	1978	8	158	(X)	7	58	6	(D)	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	77	1 848	(X)	71	1 611
Soybeans for beans (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	165	5 812	1 324 387	165	5 812	133	5 770	1 317 495	133	5 770
	1974	229	4 444	841 782	(NA)	(NA)	171	4 392	834 380	168	4 383
Sweetpotatoes (bushels)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	4	12	(D)	(NA)	(NA)	3	(D)	1 405	2	(D)
Hay crops (tons, dry) (see text)	1978	9 808	633 511	1 780 972	9 083	555 807	7 349	588 136	1 681 173	6 831	515 882
	1974	8 853	550 926	1 537 290	(NA)	(NA)	6 658	507 494	1 433 343	5 969	437 877
Alfalfa hay (tons, dry)	1978	8 892	466 513	1 487 978	8 300	415 977	6 710	431 301	1 403 629	6 279	384 577
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6 104	377 763	1 194 267	5 478	327 684
Other tame dry hay (tons, dry) (see text)	1978	944	37 523	84 932	823	30 242	740	34 140	79 035	647	27 231
Field seed crops	1978	199	19 195	(X)	157	15 287	190	19 028	(X)	150	15 146
	1974	(NA)	(NA)	(X)	(NA)	(NA)	280	18 384	(X)	203	13 891
Alfalfa seed (pounds)	1978	195	18 393	4 073 579	155	15 183	186	18 226	4 062 579	148	15 042
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	265	16 966	4 164 453	190	13 133
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	659	296 660	9	599
All vegetables harvested for sale (see text)	1978	519	9 393	(X)	519	9 393	413	9 135	(X)	413	9 135
	1974	508	8 449	(X)	(NA)	(NA)	406	8 113	(X)	399	7 881
Sweet corn	1978	292	2 835	(X)	292	2 835	223	2 729	(X)	223	2 729
	1974	(NA)	(NA)	(X)	(NA)	(NA)	188	2 253	(X)	182	2 205
Tomatoes	1978	121	344	(X)	121	344	97	326	(X)	97	326
	1974	(NA)	(NA)	(X)	(NA)	(NA)	112	333	(X)	111	331
Green peas excluding cowpeas	1978	28	558	(X)	28	558	27	(D)	(X)	27	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	73	1 273	(X)	73	1 204
Land in orchards	1978	1 071	11 593	(X)	1 012	11 094	498	9 174	(X)	468	8 865
	1974	828	11 515	(X)	(NA)	(NA)	446	9 871	(X)	394	8 998
Apples (pounds)	1978	655	3 669	24 842 172	(NA)	(NA)	311	2 937	23 306 757	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	308	3 732	27 203 844	(NA)	(NA)
Peaches (pounds)	1978	583	2 315	6 832 963	(NA)	(NA)	277	1 867	6 365 489	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	253	1 737	9 052 014	(NA)	(NA)
Grapes (pounds) (see text)	1978	134	171	467 121	(NA)	(NA)	53	111	426 668	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	26	56	310 000	(NA)	(NA)
Berries	1978	77	131	(X)	77	131	45	122	(X)	45	122
	1974	51	124	(X)	(NA)	(NA)	26	112	(X)	26	112
Strawberries (pounds)	1978	13	16	64 446	13	16	9	16	63 336	9	16
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	35	185 108	7	35
Nursery and greenhouse products	1978	177	1 043	(X)	124	997	150	1 035	(X)	109	991
Other crops	1978	309	21 302	(X)	(NA)	(NA)	301	21 218	(X)	(NA)	(NA)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	1 069	47 104	(NA)	(NA)	308	27 111	(NA)	(NA)
Average size of farm	(X)	44	(X)	(NA)	(X)	88	(X)	(NA)
Approximate land area	(X)	(X)	(X)	–	(X)	(X)	(X)	–
Proportion in farms ... percent	(X)	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Value of land and buildings:[1]								
Average per farm ... dollars	107 099	(X)	(NA)	(X)	147 654	(X)	(NA)	(X)
Average per acre ... dollars	(X)	2 431	(X)	(NA)	(X)	1 677	(X)	(NA)
Land in farms according to use:								
Total cropland	892	27 647	(NA)	(NA)	286	14 014	(NA)	(NA)
Harvested cropland	712	11 562	(NA)	(NA)	236	6 920	(NA)	(NA)
By acres harvested:								
1 to 9 acres	352	1 536	(NA)	(NA)	55	305	(NA)	(NA)
10 to 19 acres	158	2 086	(NA)	(NA)	55	687	(NA)	(NA)
20 to 29 acres	79	1 724	(NA)	(NA)	29	701	(NA)	(NA)
30 to 49 acres	78	2 890	(NA)	(NA)	52	1 901	(NA)	(NA)
50 to 99 acres	39	2 546	(NA)	(NA)	39	2 546	(NA)	(NA)
100 to 199 acres	6	780	(NA)	(NA)	6	780	(NA)	(NA)
200 to 499 acres	–	–	(NA)	(NA)	–	–	(NA)	(NA)
500 to 999 acres	–	–	(NA)	(NA)	–	–	(NA)	(NA)
1,000 acres or more	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cropland used only for pasture	511	13 224	(NA)	(NA)	158	6 322	(NA)	(NA)
Other cropland	167	2 861	(NA)	(NA)	29	772	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	30	681	(NA)	(NA)	12	206	(NA)	(NA)
Cropland on which all crops failed	13	58	(NA)	(NA)	–	–	(NA)	(NA)
Cropland in cultivated summer fallow	52	524	(NA)	(NA)	–	–	(NA)	(NA)
Cropland idle	84	1 598	(NA)	(NA)	17	566	(NA)	(NA)
Total woodland	18	1 581	(NA)	(NA)	–	–	(NA)	(NA)
Woodland pastured	7	336	(NA)	(NA)	–	–	(NA)	(NA)
Woodland not pastured	11	1 245	(NA)	(NA)	–	–	(NA)	(NA)
Other land	837	17 876	(NA)	(NA)	223	13 097	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured	252	14 988	(NA)	(NA)	107	12 590	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc	742	2 888	(NA)	(NA)	151	507	(NA)	(NA)
Pastureland, all types	720	28 548	(NA)	(NA)	239	18 912	(NA)	(NA)
Irrigated land	833	16 694	(NA)	(NA)	267	8 709	(NA)	(NA)
Harvested cropland irrigated	665	10 505	(NA)	(NA)	224	6 342	(NA)	(NA)
Pastureland irrigated	525	5 658	(NA)	(NA)	171	2 367	(NA)	(NA)
Other land irrigated	40	531	(NA)	(NA)	–	–	(NA)	(NA)
Land set aside in the federal farm programs in 1978	6	42	(X)	(X)	6	42	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	1 069	2 815	(NA)	(NA)	308	2 063	(NA)	(NA)
Average per farm ... dollars	(X)	2 633	(X)	(NA)	(X)	6 698	(X)	(NA)
Farms 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	6	178	(NA)	(NA)	6	178	(NA)	(NA)
$10,000 to $19,999	41	591	(NA)	(NA)	41	591	(NA)	(NA)
$5,000 to $9,999	103	725	(NA)	(NA)	103	725	(NA)	(NA)
$2,500 to $4,999	158	569	(NA)	(NA)	158	569	(NA)	(NA)
Less than $2,500 (see text)	761	752	(NA)	(NA)	(X)	(X)	(NA)	(NA)
$2,000 to $2,499	100	210	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	113	188	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	207	243	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	341	110	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	374	1 058	(NA)	(NA)	149	880	(NA)	(NA)
Grains	113	182	(NA)	(NA)	50	146	(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	230	664	(NA)	(NA)	118	569	(NA)	(NA)
Vegetables, sweet corn, and melons	23	11	(NA)	(NA)	–	–	(NA)	(NA)
Fruits, nuts, and berries	63	25	(NA)	(NA)	–	–	(NA)	(NA)
Nursery and greenhouse products	17	102	(NA)	(NA)	6	90	(NA)	(NA)
Other crops	13	75	(NA)	(NA)	13	75	(NA)	(NA)
Livestock, poultry, and their products	791	1 757	(NA)	(NA)	251	1 183	(NA)	(NA)
Poultry and poultry products	72	9	(NA)	(NA)	–	–	(NA)	(NA)
Dairy products	38	35	(NA)	(NA)	7	11	(NA)	(NA)
Cattle and calves	532	1 241	(NA)	(NA)	187	889	(NA)	(NA)
Hogs and pigs	96	103	(NA)	(NA)	14	50	(NA)	(NA)
Sheep, lambs, and wool	153	133	(NA)	(NA)	54	80	(NA)	(NA)
Other livestock and livestock products (see text)	179	235	(NA)	(NA)	63	154	(NA)	(NA)

[1]1974 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	1 069	(NA)	47 104	712	37 310	11 562	833	40 097	11 220	16 694
Farms with—										
1 to 9 acres	423	(NA)	1 599	177	933	555	260	1 307	538	1 044
10 to 49 acres	367	(NA)	8 802	306	7 552	4 053	323	7 785	3 968	5 896
50 to 69 acres	80	(NA)	4 371	68	3 771	887	75	4 121	887	1 622
70 to 99 acres	66	(NA)	5 463	59	4 833	2 129	66	5 463	2 129	2 721
100 to 139 acres	40	(NA)	4 558	20	2 070	982	21	2 310	742	1 512
140 to 179 acres	47	(NA)	7 335	41	6 375	1 886	47	7 335	1 886	2 309
180 to 219 acres	–	(NA)	–	–	–	–	–	–	–	–
220 to 259 acres	13	(NA)	2 860	13	2 860	520	13	2 860	520	1 040
260 to 499 acres	28	(NA)	8 916	28	8 916	550	28	8 916	550	550
500 to 999 acres	5	(NA)	3 200	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	(NA)	–	–	–	–	–	–	–	–
2,000 acres or more	–	(NA)	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 069	47 104	(NA)	(NA)	308	27 111	(NA)	(NA)
Harvested cropland	712	11 562	(NA)	(NA)	236	6 920	(NA)	(NA)
Tenure of operator:								
Full owners	824	31 875	(NA)	(NA)	231	16 427	(NA)	(NA)
Harvested cropland	546	9 047	(NA)	(NA)	189	5 643	(NA)	(NA)
Part owners	176	14 317	(NA)	(NA)	71	10 564	(NA)	(NA)
Harvested cropland	123	2 229	(NA)	(NA)	47	1 277	(NA)	(NA)
Tenants	69	912	(NA)	(NA)	6	120	(NA)	(NA)
Harvested cropland	43	286	(NA)	(NA)	–	–	(NA)	(NA)
Type of organization:								
Individual or family	1 008	41 565	(NA)	(NA)	278	24 952	(NA)	(NA)
Partnership	49	5 089	(NA)	(NA)	30	2 159	(NA)	(NA)
Corporation	6	270	(NA)	(NA)	–	–	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	6	180	(NA)	(NA)	–	–	(NA)	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	161	(NA)	58	(NA)
Other	908	(NA)	250	(NA)
Operators by age group:				
Under 25 years	82	(NA)	43	(NA)
25 to 34 years	183	(NA)	27	(NA)
35 to 44 years	354	(NA)	95	(NA)
45 to 54 years	264	(NA)	89	(NA)
55 to 64 years	68	(NA)	18	(NA)
65 years and over	118	(NA)	36	(NA)
Average age	43.5	(NA)	44.0	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	944	(NA)	253	(NA)
Not on farm operated	125	(NA)	55	(NA)
Not reported	–	(NA)	–	(NA)
Operators reporting days of work off farm:				
None	151	(NA)	52	(NA)
1 to 49 days	19	(NA)	12	(NA)
50 to 99 days	47	(NA)	33	(NA)
100 to 149 days	12	(NA)	12	(NA)
150 to 199 days	36	(NA)	11	(NA)
200 days or more	804	(NA)	188	(NA)

[1]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	583	704	(NA)	(NA)	159	327	(NA)	(NA)
Feed for livestock and poultry	759	593	(NA)	(NA)	185	262	(NA)	(NA)
Commercially mixed formula feeds	399	196	(NA)	(NA)	63	35	(NA)	(NA)
Animal health costs	611	57	(NA)	(NA)	175	21	(NA)	(NA)
Seeds, bulbs, plants, and trees	310	60	(NA)	(NA)	135	38	(NA)	(NA)
Commercial fertilizer	281	92	(NA)	(NA)	124	62	(NA)	(NA)
Other agricultural chemicals including lime	307	51	(NA)	(NA)	116	35	(NA)	(NA)
Hired farm labor	157	108	(NA)	(NA)	49	63	(NA)	(NA)
Contract labor	61	14	(NA)	(NA)	29	8	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment	300	118	(NA)	(NA)	121	78	(NA)	(NA)
Energy and petroleum products	1 062	349	(NA)	(NA)	308	214	(NA)	(NA)
Petroleum products	1 057	281	(NA)	(NA)	308	182	(NA)	(NA)
Gasoline	1 038	188	(NA)	(NA)	295	113	(NA)	(NA)
Diesel fuel	238	38	(NA)	(NA)	121	30	(NA)	(NA)
LP gas, butane, and propane	32	9	(NA)	(NA)	19	9	(NA)	(NA)
Fuel oil	11	16	(NA)	(NA)	11	16		
Natural gas	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Kerosene, motor oil, and grease	1 057	30	(NA)	(NA)	308	15		
Electricity	375	68	(NA)	(NA)	114	32	(NA)	(NA)
Other—coal, wood, coke, etc.	–	–	(NA)	(NA)	–	–	(NA)	(NA)

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

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

	All farms		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	262	3 798	117	2 309	(NA)	(NA)
Cropland fertilized, except pasture	227	2 918	105	1 581	(NA)	(NA)
Pasture and rangeland fertilized	110	880	47	728	(NA)	(NA)
Lime	–	–	–	–	(NA)	(NA)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	120	2 152	51	1 774	(NA)	(NA)
Nematodes in crops	7	133	–	–	(NA)	(NA)
Diseases in crops and orchards	84	330	14	154	(NA)	(NA)
Weeds, grass, or brush in crops and pasture	146	2 116	68	1 816	(NA)	(NA)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	(NA)	(NA)
Insect control on livestock and poultry	138	(X)	37	(X)	(NA)	(X)
Sanitation and rodent and bird control	28	(X)	14	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	1 062	(NA)	308	(NA)
— $1,000	8 263	(NA)	3 734	(NA)
Average per farm — dollars	7 781	(NA)	12 124	(NA)
Farms by value group:				
$1 to $4,999	273	(NA)	78	(NA)
$5,000 to $9,999	593	(NA)	93	(NA)
$10,000 to $19,999	117	(NA)	70	(NA)

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	60	(NA)	53	(NA)
$30,000 to $49,999	12	(NA)	7	(NA)
$50,000 to $69,999	–	(NA)	–	(NA)
$70,000 to $99,999	7	(NA)	7	(NA)
$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	237	296	141	152	114	144	(NA)	(NA)	(NA)
Motortrucks including pickups	866	1 043	244	249	662	794	(NA)	(NA)	(NA)
Wheel tractors	756	1 061	50	50	729	1 011	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	5	5	–	–	5	5	(NA)	(NA)	(NA)
Corn heads for combines	–	–	–	–	–	–	(NA)	(NA)	(NA)
Other cornpickers and picker-shellers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	178	194	37	37	141	157	(NA)	(NA)	(NA)
Pickup balers	249	249	51	51	198	198	(NA)	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type	35	35	–	–	35	35	(NA)	(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	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	157	6	(X)	151	(X)	49	(NA)
Workers	273	(X)	6	(X)	267	82	(NA)
Farms with—							
1 worker	97	6	6	91	91	33	(NA)
2 workers	26	–	–	26	52	6	(NA)
3 or 4 workers	31	–	–	31	100	10	(NA)
5 to 9 workers	3	–	–	3	24	–	(NA)
10 workers or more	–	–	–	–	–	–	(NA)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	945	(X)	(NA)	(NA)	278	(X)	(NA)	(NA)
Any cattle, hogs, or sheep	764	(X)	(NA)	(NA)	211	(X)	(NA)	(NA)
Sales:								
Any livestock or poultry and their products ... $1,000	791	1 757	(NA)	(NA)	251	1 183	(NA)	(NA)
Any cattle, hogs, or sheep ... $1,000	675	1 478	(NA)	(NA)	214	1 019	(NA)	(NA)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	666	5 608	(NA)	(NA)	184	2 528	(NA)	(NA)
Cows and heifers that had calved	484	2 570	(NA)	(NA)	153	1 302	(NA)	(NA)
Beef cows	387	2 306	(NA)	(NA)	140	1 205	(NA)	(NA)
Milk cows	166	264	(NA)	(NA)	20	97	(NA)	(NA)
Heifers and heifer calves	314	1 095	(NA)	(NA)	69	254	(NA)	(NA)
Steers, steer calves, bulls and bull calves	410	1 943	(NA)	(NA)	100	972	(NA)	(NA)
Sales:								
Cattle and calves	532	4 082	(NA)	(NA)	187	2 624	(NA)	(NA)
$1,000	(X)	1 241	(X)	(NA)	(X)	889	(X)	(NA)
Calves	233	1 156	(NA)	(NA)	75	536	(NA)	(NA)
$1,000	(X)	218	(X)	(NA)	(X)	123	(X)	(NA)
Cattle	395	2 926	(NA)	(NA)	171	2 088	(NA)	(NA)
$1,000	(X)	1 023	(X)	(NA)	(X)	766	(X)	(NA)
Fattened cattle	90	192	(NA)	(NA)	5	25	(NA)	(NA)
$1,000	(X)	70	(X)	(NA)	(X)	8	(X)	(NA)
Dairy products ... $1,000	38	35	(NA)	(NA)	7	11	(NA)	(NA)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	207	1 921	(NA)	(NA)	20	852	(NA)	(NA)
Used or to be used for breeding	103	404	(NA)	(NA)	14	154	(NA)	(NA)
Other hogs and pigs	174	1 517	(NA)	(NA)	20	698	(NA)	(NA)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	103	288	(NA)	(NA)	14	112	(NA)	(NA)
Dec. 1 of preceding year and May 31	89	206	(NA)	(NA)	14	98	(NA)	(NA)
June 1 and Nov. 30	70	82	(NA)	(NA)	7	14	(NA)	(NA)
Sheep and lambs	158	3 552	(NA)	(NA)	54	1 571	(NA)	(NA)
Ewes 1 year old or older	153	2 736	(NA)	(NA)	54	1 468	(NA)	(NA)
Goats	31	160	(NA)	(NA)	7	112	(NA)	(NA)
Horses and ponies	436	1 461	(NA)	(NA)	149	605	(NA)	(NA)
Sales:								
Hogs and pigs	96	1 595	(NA)	(NA)	14	672	(NA)	(NA)
$1,000	(X)	103	(X)	(NA)	(X)	50	(X)	(NA)
Feeder pigs	28	380	(NA)	(NA)	–	–	(NA)	(NA)
$1,000	(X)	11	(X)	(NA)	(X)	–	(X)	(NA)
Sheep and lambs	140	2 387	(NA)	(NA)	54	1 565	(NA)	(NA)
Sheep and lambs shorn	140	3 215	(NA)	(NA)	54	1 782	(NA)	(NA)
Pounds of wool	(X)	28 913	(X)	(NA)	(X)	16 639	(X)	(NA)
Sheep, lambs, and wool ... $1,000	153	133	(NA)	(NA)	54	80	(NA)	(NA)
Goats	12	24	(NA)	(NA)	–	–	(NA)	(NA)
$1,000	(X)	(Z)	(X)	(NA)	(X)	–	(X)	(NA)
Horses and ponies	161	382	(NA)	(NA)	63	134	(NA)	(NA)
$1,000	(X)	234	(X)	(NA)	(X)	154	(X)	(NA)
POULTRY								
Inventory:								
Any poultry	316	(X)	(NA)	(NA)	47	(X)	(NA)	(NA)
Chickens 3 months old or older	251	4 452	(NA)	(NA)	47	883	(NA)	(NA)
Hens and pullets of laying age	239	3 550	(NA)	(NA)	47	883	(NA)	(NA)
Pullets 3 months old or older	53	902	(NA)	(NA)	–	–	(NA)	(NA)
Pullet chicks and pullets under 3 months old	14	63	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	92	3 351	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys	28	126	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	14	63	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	21	63	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	145	(X)	(NA)	(X)	7	(X)	(NA)	(X)
Sales:								
Any poultry	51	(X)	(NA)	(NA)	–	(X)	(NA)	(NA)
Chickens 3 months old or older	13	515	(NA)	(NA)	–	–	(NA)	(NA)
Hens and pullets of laying age	13	445	(NA)	(NA)	–	–	(NA)	(NA)
Pullets 3 months old or older	7	70	(NA)	(NA)	–	–	(NA)	(NA)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	7	140	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	13	(X)	(NA)	(X)	–	(X)	(NA)	(X)
Poultry and poultry products ... $1,000	72	9	(NA)	(NA)	–	–	(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	57	419	(X)	57	419	36	265	(X)	36	265
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)	1978	14	126	11 109	14	126	7	77	8 855	7	77
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)	1978	43	293	2 976	43	293	29	188	1 562	29	188
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Wheat for grain (bushels)	1978	36	324	16 250	26	209	20	197	12 400	20	197
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats for grain (bushels)	1978	67	619	31 451	61	571	27	307	20 903	27	307
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barley for grain (bushels)	1978	106	1 174	61 578	94	1 090	43	729	44 825	43	729
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Irish potatoes (hundredweight)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay crops (tons, dry) (see text)	1978	541	8 334	21 424	511	7 525	217	5 138	15 421	211	4 566
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry)	1978	463	6 740	17 857	452	6 588	166	3 881	12 363	166	3 881
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text)	1978	69	520	1 441	53	440	49	434	1 241	33	354
Field seed crops	1978	5	130	(X)	5	130	5	130	(X)	5	130
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Alfalfa seed (pounds)	1978	5	130	45 000	5	130	5	130	45 000	5	130
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All vegetables harvested for sale (see text)	1978	23	28	(X)	23	28	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sweet corn	1978	17	11	(X)	17	11	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Land in orchards	1978	123	330	(X)	123	330	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Apples (pounds)	1978	66	41	16 200	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	72	39	32 000	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	1	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products	1978	17	5	(X)	6	3	6	1	(X)	–	–
Other crops	1978	13	188	(X)	(NA)	(NA)	13	188	(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	189	187 311	183	150 368	165	161 184	138	123 635
Average size of farm	(X)	991	(X)	822	(X)	977	(X)	896
Approximate land area	(X)	1 653 760	(X)	1 653 760	(X)	1 653 760	(X)	1 653 760
Proportion in farms ... percent	(X)	11.3	(X)	9.1	(X)	9.7	(X)	7.5
Value of land and buildings:[1]								
Average per farm ... dollars	320 315	(X)	123 546	(X)	325 270	(X)	149 167	(X)
Average per acre ... dollars	(X)	320	(X)	150	(X)	336	(X)	166
Land in farms according to use:								
Total cropland	177	(D)	164	26 979	156	(D)	122	(D)
Harvested cropland	158	25 380	158	20 725	137	24 969	121	19 848
By acres harvested:								
1 to 9 acres	8	47	7	(NA)	1	(D)	2	(NA)
10 to 19 acres	8	102	8	(NA)	1	(D)	3	(NA)
20 to 29 acres	7	161	27	(NA)	6	(D)	8	(NA)
30 to 49 acres	22	787	20	(NA)	17	605	16	(NA)
50 to 99 acres	44	3 152	41	(NA)	43	(D)	37	(NA)
100 to 199 acres	29	4 075	27	(NA)	29	4 075	27	(NA)
200 to 499 acres	29	7 981	20	(NA)	29	7 981	20	(NA)
500 to 999 acres	9	(D)	7	(NA)	9	(D)	7	(NA)
1,000 acres or more	2	(D)	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	83	(D)	75	4 012	73	(D)	41	(D)
Other cropland	48	(D)	41	2 242	44	(D)	38	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	5	(D)	(NA)	(NA)	4	(D)	1	(D)
Cropland on which all crops failed	6	(D)	(NA)	(NA)	6	245	10	(D)
Cropland in cultivated summer fallow	20	827	(NA)	(NA)	18	(D)	–	–
Cropland idle	34	1 739	(NA)	(NA)	31	1 640	29	1 707
Total woodland	5	(D)	8	1 173	5	(D)	7	(D)
Woodland pastured	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Woodland not pastured	4	288	(NA)	(NA)	4	288	5	1 108
Other land	112	148 506	117	122 216	99	123 249	87	97 725
Pastureland and rangeland, other than cropland and woodland pastured	56	145 157	(NA)	(NA)	50	120 016	54	94 066
Land in house lots, ponds, roads, wasteland, etc	87	3 349	(NA)	(NA)	77	3 233	61	3 659
Pastureland, all types	126	155 249	(NA)	(NA)	111	129 815	(NA)	96 839
Irrigated land	169	30 227	141	22 542	149	29 648	119	21 878
Harvested cropland irrigated	154	24 863	(NA)	(NA)	134	24 457	115	19 469
Pastureland irrigated	65	4 886	(NA)	(NA)	56	(D)	(NA)	(D)
Other land irrigated	9	478	(NA)	(NA)	8	(D)	2	(D)
Land set aside in the federal farm programs in 1978	20	655	(X)	(X)	20	655	(X)	(X)

[1] 1978 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]	189	11 540	183	6 560	165	11 484	138	6 495
Average per farm ... dollars	(X)	61 060	(X)	35 847	(X)	69 598	(X)	47 065
Farms by value of agricultural products sold:[1]								
$100,000 or more	30	8 008	15	(NA)	30	8 008	15	(NA)
$40,000 to $99,999	35	2 188	21	(NA)	35	2 188	21	(NA)
$20,000 to $39,999	21	599	26	(NA)	21	599	26	(NA)
$10,000 to $19,999	24	365	27	(NA)	24	365	27	(NA)
$5,000 to $9,999	32	238	20	(NA)	32	238	20	(NA)
$2,500 to $4,999	23	85	26	(NA)	23	85	26	(NA)
Less than $2,500 (see text)	21	25	46	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	6	13	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	4	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	9	4	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	32	2	(NA)	(X)	(X)	(X)	(X)
Crops	66	2 781	73	2 015	62	2 775	(NA)	2 000
Grains	18	(D)	(NA)	(NA)	17	(D)	31	312
Commodity Credit Corporation loans	4	(D)	(NA)	(NA)	4	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	63	2 467	(NA)	(NA)	60	2 462	52	1 625
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	2	(D)
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	–	–	1	(D)	–	–	1	(D)
Other crops	5	(D)	(NA)	(NA)	5	(D)	2	(D)
Livestock, poultry, and their products	152	8 759	149	4 546	137	8 709	114	4 495
Poultry and poultry products	–	–	–	–	–	–	–	–
Dairy products	34	4 111	(NA)	(NA)	34	4 111	26	2 001
Cattle and calves	141	4 459	(NA)	(NA)	127	4 412	109	2 385
Hogs and pigs	5	20	(NA)	(NA)	5	20	10	51
Sheep, lambs, and wool	14	129	(NA)	(NA)	12	(D)	6	56
Other livestock and livestock products (see text)	16	39	(NA)	(NA)	15	(D)	7	2

[1] 1974 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	189	183	187 311	158	129 355	25 380	169	115 462	25 010	30 227
Farms with—										
1 to 9 acres	9	6	40	2	(D)	(D)	4	35	(D)	29
10 to 49 acres	33	33	942	25	(D)	(D)	31	896	(D)	684
50 to 69 acres	6	10	311	5	261	155	5	261	150	240
70 to 99 acres	13	14	1 094	10	816	663	13	1 094	663	1 010
100 to 139 acres	21	33	2 393	17	1 933	1 167	18	2 013	1 067	1 336
140 to 179 acres	12	7	1 890	12	1 890	947	12	1 890	947	1 039
180 to 219 acres	8	7	1 635	8	1 635	764	7	1 435	564	632
220 to 259 acres	12	10	2 829	12	2 829	1 437	12	2 829	1 437	1 617
260 to 499 acres	31	29	10 340	28	9 383	5 127	29	9 688	5 127	5 910
500 to 999 acres	18	13	12 429	18	12 429	6 175	18	12 429	6 175	6 903
1,000 to 1,999 acres	11	12	14 120	11	14 120	5 321	11	14 120	5 321	6 445
2,000 acres or more	15	9	139 288	10	83 288	3 088	9	68 772	3 023	4 382

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	189	187 311	183	150 368	165	161 184	138	123 635
Harvested cropland	158	25 380	158	20 725	137	24 969	121	19 848
Tenure of operator:								
Full owners	130	77 365	136	61 328	110	(D)	99	57 034
Harvested cropland	109	15 654	(NA)	12 458	91	15 267	(NA)	11 822
Part owners	55	109 696	43	88 845	52	92 457	35	66 406
Harvested cropland	45	9 495	(NA)	8 090	43	(D)	(NA)	7 849
Tenants	4	250	4	195	3	(D)	4	195
Harvested cropland	4	231	(NA)	177	3	(D)	(NA)	177
Type of organization:								
Individual or family	153	61 072	(NA)	(NA)	132	60 021	121	73 590
Partnership	29	43 835	(NA)	(NA)	29	43 835	11	13 278
Corporation	4	57 328	(NA)	(NA)	4	57 328	6	36 767
Other—cooperative, estate or trust, institutional, etc.	3	25 076	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	120	97	109	92
Other	69	78	56	40
Operators by age group:				
Under 25 years	7	2	7	2
25 to 34 years	29	29	26	11
35 to 44 years	21	23	19	20
45 to 54 years	53	64	46	59
55 to 64 years	56	44	52	32
65 years and over	23	13	15	8
Average age	49.4	48.2	48.7	49.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	96	52	87	49
Not on farm operated	69	63	57	48
Not reported	24	60	21	35
Operators reporting days of work off farm:				
None	77	45	75	40
1 to 49 days	15	6	8	5
50 to 99 days	8	3	8	1
100 to 149 days	12	4	12	4
150 to 199 days	14	11	13	10
200 days or more	51	54	40	23

[1]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	68	1 674	87	1 036	62	1 652	59	1 022
Feed for livestock and poultry	146	2 286	139	1 842	128	2 278	101	1 807
Commercially mixed formula feeds	45	758	75	1 224	45	758	51	1 215
Animal health costs	140	75	(NA)	(NA)	125	74	79	36
Seeds, bulbs, plants, and trees	97	145	91	62	93	144	67	58
Commercial fertilizer	68	154	67	189	64	152	48	184
Other agricultural chemicals including lime	107	115	71	51	104	114	67	51
Hired farm labor	100	782	45	364	92	775	42	364
Contract labor	25	43	13	7	23	(D)	13	7
Customwork, machine hire, and rental of machinery and equipment	96	136	61	64	87	133	53	59
Energy and petroleum products	188	1 215	(NA)	(NA)	167	1 208	(NA)	(NA)
Petroleum products	184	662	177	315	163	656	133	304
Gasoline	179	376	(NA)	(NA)	158	371	127	177
Diesel fuel	122	205	(NA)	(NA)	119	204	93	83
LP gas, butane, and propane	20	22	(NA)	(NA)	20	22	26	12
Fuel oil	21	(D)	(NA)	(NA)	21	(D)		
Natural gas	2	(D)	(NA)	(NA)	2	(D)	133	32
Kerosene, motor oil, and grease	183	44	(NA)	(NA)	162	43		
Electricity	122	547	(NA)	(NA)	120	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	23	5	(NA)	(NA)	22	(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		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	67	7 545	63	7 432	48	4 857
Cropland fertilized, except pasture	67	7 478	63	(D)	(NA)	4 561
Pasture and rangeland fertilized	3	67	2	(D)	(NA)	296
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	99	16 384	97	(D)	(NA)	10 050
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	1	(D)	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	22	1 331	21	(D)	(NA)	1 739
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	400	6	400	1	(D)
Insect control on livestock and poultry	42	(X)	41	(X)	12	(X)
Sanitation and rodent and bird control	12	(X)	12	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	188	167	167	125
$1,000	8 093	4 563	7 524	4 076
Average per farm — dollars	43 049	27 323	45 056	32 608
Forms by value group:				
$1 to $4,999	23	16	20	9
$5,000 to $9,999	48	31	33	17
$10,000 to $19,999	26	43	25	28

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	21	30	21	26
$30,000 to $49,999	20	27	20	25
$50,000 to $69,999	16	13	16	13
$70,000 to $99,999	7		7	
$100,000 to $199,999	20	7	19	7
$200,000 or more	7		6	

	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	133	205	70	85	80	120	134	195	109
Motortrucks including pickups	170	353	96	131	127	222	153	298	108
Wheel tractors	147	285	40	54	133	231	136	255	64
Grain and bean combines, self-propelled only	9	9	3	3	6	6	5	6	1
Corn heads for combines	6	7	3	3	4	4	2	(D)	1
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	83	86	46	46	38	40	20	22	8
Pickup balers	102	134	32	34	77	100	100	117	37
Field forage harvesters, shear bar or flywheel type	40	42	16	16	25	26	21	22	9

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	42	(X)	81	(X)	92	42
Workers	330	(X)	119	(X)	211	319	300
Farms with—							
1 worker	26	14	14	24	24	19	15
2 workers	25	13	26	26	52	25	4
3 or 4 workers	29	8	27	21	71	28	10
5 to 9 workers	17	6	(D)	9	(D)	17	6
10 workers or more	3	1	(D)	1	(D)	3	7

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	157	(X)	156	(X)	138	(X)	115	(X)
Any cattle, hogs, or sheep	148	(X)	152	(X)	130	(X)	113	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	152	8 759	149	4 546	137	8 709	114	4 495
Any cattle, hogs, or sheep ... $1,000	147	4 609	149	(NA)	132	(D)	114	2 492
CATTLE AND CALVES								
Inventory:								
Cattle and calves	141	25 626	144	24 796	124	25 275	108	23 932
Cows and heifers that had calved	126	13 757	116	12 289	112	13 524	97	11 952
Beef cows	108	10 122	101	9 622	95	(D)	85	9 290
Milk cows	39	3 635	40	2 667	38	(D)	35	2 662
Heifers and heifer calves	118	5 590	(NA)	(NA)	106	5 545	81	4 651
Steers, steer calves, bulls and bull calves	127	6 279	(NA)	(NA)	115	6 206	92	7 329
Sales:								
Cattle and calves	141	12 315	140	12 925	127	12 149	109	12 653
$1,000	(X)	4 459	(X)	(NA)	(X)	4 412	(X)	2 385
Calves	68	2 812	(NA)	(NA)	59	2 747	56	3 355
$1,000	(X)	558	(X)	(NA)	(X)	549	(X)	514
Cattle	124	9 503	(NA)	(NA)	115	9 402	90	9 298
$1,000	(X)	3 902	(X)	(NA)	(X)	3 863	(X)	1 871
Fattened cattle	21	1 523	(NA)	(NA)	20	(D)	11	350
$1,000	(X)	653	(X)	(NA)	(X)	(D)	(X)	87
Dairy products ... $1,000	34	4 111	(NA)	(NA)	34	4 111	26	2 001
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	11	326	20	450	9	(D)	13	393
Used or to be used for breeding	8	66	(NA)	(NA)	6	(D)	9	28
Other hogs and pigs	11	260	(NA)	(NA)	9	(D)	13	365
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	8	79	13	173	6	(D)	11	(D)
Dec. 1 of preceding year and May 31	6	42	7	82	4	(D)	7	82
June 1 and Nov. 30	5	37	11	91	5	37	9	(D)
Sheep and lambs	16	3 656	11	3 528	14	(D)	8	3 438
Ewes 1 year old or older	15	2 941	(NA)	(NA)	13	(D)	6	2 614
Goats	–	–	(NA)	(NA)	–	–	1	(D)
Horses and ponies	95	321	61	266	84	299	47	228
Sales:								
Hogs and pigs	5	179	16	1 293	5	179	10	1 254
$1,000	(X)	20	(X)	(NA)	(X)	20	(X)	51
Feeder pigs	1	(D)	5	260	1	(D)	3	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	4
Sheep and lambs	14	2 090	9	1 646	12	(D)	6	1 579
Sheep and lambs shorn	13	3 443	(NA)	(NA)	12	(D)	6	3 161
Pounds of wool	(X)	40 202	(X)	(NA)	(X)	(D)	(X)	36 730
Sheep, lambs, and wool ... $1,000	14	129	(NA)	(NA)	12	(D)	6	56
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	15	30	7	9	14	(D)	7	9
$1,000	(X)	39	(X)	(NA)	(X)	(D)	(X)	2
POULTRY								
Inventory:								
Any poultry	7	(X)	9	(X)	7	(X)	8	(X)
Chickens 3 months old or older	7	125	9	241	7	125	8	(D)
Hens and pullets of laying age	7	(D)	9	230	7	(D)	8	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	1	(D)	1	(D)	1	(D)	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	1	(X)
Sales:								
Any poultry	1	(X)	–	(X)	1	(X)	–	(X)
Chickens 3 months old or older	–	–	–	–	–	–	–	–
Hens and pullets of laying age	–	–	–	–	–	–	–	–
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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products ... $1,000	–	–	–	–	–	–	–	–

Table 10. **Crops: 1978 and 1974**

		All farms					Farms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	46	1 790	(X)	46	1 790	45	(D)	(X)	45	(D)
	1974	50	1 524	(X)	(NA)	(NA)	49	(D)	(X)	49	1 514
For grain or seed (bushels)	1978	3	75	1 840	3	75	3	75	1 840	3	75
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	44	1 715	23 547	44	1 715	43	(D)	(D)	43	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	48	1 474	20 615	48	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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)	–	1	(D)
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	12	940	48 046	12	940	11	(D)	(D)	11	(D)
	1974	31	1 736	89 944	(NA)	(NA)	30	(D)	(D)	26	1 646
Oats for grain (bushels)	1978	15	415	25 429	14	403	14	(D)	(D)	13	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	242	13 742	10	242
Barley for grain (bushels)	1978	20	813	33 063	20	813	19	(D)	(D)	19	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	281	15 069	12	281
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	5	180	30 200	5	180	5	180	30 200	5	180
	1974	3	80	22 300	(NA)	(NA)	3	80	22 300	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	151	21 660	75 856	144	21 155	131	21 279	74 954	125	20 779
	1974	156	16 994	58 988	(NA)	(NA)	120	16 164	57 658	113	15 851
Alfalfa hay (tons, dry)	1978	138	19 441	70 181	133	19 137	123	19 142	69 469	119	18 843
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	115	15 288	55 611	110	15 041
Other tame dry hay (tons, dry) (see text)	1978	13	549	1 557	10	353	10	521	1 493	7	325
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–			–
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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	–	–	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	1 108	1 730 140	1 100	1 678 636	924	1 574 090	912	1 496 032
Average size of farm	(X)	1 561	(X)	1 526	(X)	1 704	(X)	1 640
Approximate land area	(X)	3 585 920	(X)	3 585 920	(X)	3 585 920	(X)	3 585 920
Proportion in farms ... percent	(X)	48.2	(X)	46.8	(X)	43.9	(X)	41.7
Value of land and buildings:[1]								
Average per farm ... dollars	424 220	(X)	196 172	(X)	422 435	(X)	216 315	(X)
Average per acre ... dollars	(X)	275	(X)	129	(X)	265	(X)	132
Land in farms according to use:								
Total cropland	1 035	331 572	1 041	298 072	874	(D)	878	(D)
Harvested cropland	978	202 017	1 011	186 585	850	199 171	867	181 668
By acres harvested:								
1 to 9 acres	94	445	94	(NA)	41	185	25	(NA)
10 to 19 acres	81	1 104	79	(NA)	51	683	49	(NA)
20 to 29 acres	99	2 373	75	(NA)	75	1 787	58	(NA)
30 to 49 acres	104	3 901	119	(NA)	91	3 431	109	(NA)
50 to 99 acres	165	12 028	196	(NA)	161	(D)	181	(NA)
100 to 199 acres	170	24 292	188	(NA)	169	(D)	188	(NA)
200 to 499 acres	169	53 225	171	(NA)	166	52 481	170	(NA)
500 to 999 acres	56	38 533	54	(NA)	56	38 533	54	(NA)
1,000 acres or more	40	66 116	35	(NA)	40	66 116	33	(NA)
Cropland used only for pasture	363	42 150	392	32 358	297	(D)	335	(D)
Other cropland	385	87 405	309	79 129	357	(D)	289	77 202
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	52	2 420	(NA)	(NA)	51	(D)	40	9 519
Cropland on which all crops failed	69	3 834	(NA)	(NA)	58	(D)	56	3 686
Cropland in cultivated summer fallow	227	71 372	(NA)	(NA)	221	70 993	200	56 592
Cropland idle	165	9 779	(NA)	(NA)	151	9 281	55	7 405
Total woodland	23	35 308	15	30 050	15	(D)	13	(D)
Woodland pastured	6	33 020	(NA)	(NA)	4	(D)	5	14 979
Woodland not pastured	17	2 288	(NA)	(NA)	11	1 160	8	(D)
Other land	783	1 363 260	750	1 350 514	667	1 219 379	654	1 180 728
Pastureland and rangeland, other than cropland and woodland pastured	423	1 337 081	(NA)	(NA)	378	1 194 419	338	1 152 475
Land in house lots, ponds, roads, wasteland, etc	594	26 179	(NA)	(NA)	499	24 960	542	28 253
Pastureland, all types	668	1 412 251	(NA)	(NA)	568	1 262 786	(NA)	1 197 878
Irrigated land	889	127 036	822	94 814	756	123 684	717	91 628
Harvested cropland irrigated	834	101 899	(NA)	(NA)	723	99 792	705	81 063
Pastureland irrigated	288	23 593	(NA)	(NA)	239	22 631	(NA)	10 242
Other land irrigated	66	1 544	(NA)	(NA)	61	1 261	15	323
Land set aside in the federal farm programs in 1978	224	12 308	(X)	(X)	214	12 095	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	1 108	52 349	1 100	43 139	924	51 821	912	42 494
Average per farm ... dollars	(X)	47 247	(X)	39 217	(X)	56 083	(X)	46 594
Farms by value of agricultural products sold:[1]								
$100,000 or more	131	30 752	103	(NA)	131	30 752	103	(NA)
$40,000 to $99,999	184	11 858	181	(NA)	184	11 858	181	(NA)
$20,000 to $39,999	187	5 453	180	(NA)	187	5 453	180	(NA)
$10,000 to $19,999	170	2 359	171	(NA)	170	2 359	171	(NA)
$5,000 to $9,999	137	978	134	(NA)	137	978	134	(NA)
$2,500 to $4,999	115	420	131	(NA)	115	420	131	(NA)
Less than $2,500 (see text)	172	217	183	(NA)	(X)	(X)	12	(NA)
$2,000 to $2,499	40	91	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	27	47	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	49	60	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	56	20	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	12	311	17	(NA)	(X)	(X)	(X)	(X)
Crops	785	19 892	845	22 527	700	19 702	(NA)	22 172
Grains	581	9 733	(NA)	(NA)	550	9 658	615	9 934
Commodity Credit Corporation loans	106	645	(NA)	(NA)	105	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	349	2 437	(NA)	(NA)	307	2 377	331	2 158
Vegetables, sweet corn, and melons	110	1 651	(NA)	(NA)	104	1 634	99	1 061
Fruits, nuts, and berries	112	1 851	(NA)	(NA)	87	1 827	80	1 332
Nursery and greenhouse products	16	(D)	6	30	16	(D)	6	30
Other crops	141	(D)	(NA)	(NA)	140	(D)	194	7 657
Livestock, poultry, and their products	701	32 457	695	20 547	604	32 119	588	20 257
Poultry and poultry products	25	26	28	432	15	23	23	428
Dairy products	145	11 243	(NA)	(NA)	138	11 130	155	6 538
Cattle and calves	572	17 411	(NA)	(NA)	515	17 314	528	11 187
Hogs and pigs	91	418	(NA)	(NA)	82	334	55	210
Sheep, lambs, and wool	137	3 176	(NA)	(NA)	111	3 153	106	1 827
Other livestock and livestock products (see text)	80	184	(NA)	(NA)	56	164	41	68

[1] 1974 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	1 108	1 100	1 730 140	978	1 438 364	202 017	889	1 338 471	151 709	127 036
Farms with—										
1 to 9 acres	118	96	439	56	278	200	67	310	177	248
10 to 49 acres	216	221	5 784	197	5 354	3 910	197	5 324	3 669	4 122
50 to 69 acres	58	73	3 304	53	3 039	2 110	56	3 187	2 070	2 232
70 to 99 acres	88	86	7 295	83	6 881	4 908	74	6 115	4 531	4 951
100 to 139 acres	77	87	8 939	69	8 102	5 756	70	8 216	5 713	5 836
140 to 179 acres	73	57	11 485	71	11 185	7 560	64	10 036	7 189	7 641
180 to 219 acres	42	58	8 247	42	8 247	5 593	39	7 661	5 348	4 855
220 to 259 acres	37	34	8 714	36	8 474	5 419	34	8 034	5 189	5 074
260 to 499 acres	103	92	37 233	94	33 657	17 013	80	28 533	14 586	14 298
500 to 999 acres	90	99	63 390	87	61 305	28 130	63	42 588	21 195	19 214
1,000 to 1,999 acres	70	68	94 780	68	92 125	26 467	51	69 966	18 569	15 863
2,000 acres or more	136	129	1 480 530	122	1 199 717	94 951	94	1 148 501	63 473	42 702

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	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	1 108	1 730 140	1 100	1 678 636	924	1 574 090	912	1 496 032
Harvested cropland	978	202 017	1 011	186 585	850	199 171	867	181 668
Tenure of operator:								
Full owners	653	570 409	655	637 058	499	515 701	522	599 522
Harvested cropland	559	81 072	(NA)	96 431	447	78 829	(NA)	92 577
Part owners	366	1 127 781	333	943 810	346	1 028 300	299	860 225
Harvested cropland	344	105 474	(NA)	75 608	331	105 021	(NA)	74 662
Tenants	89	31 950	112	97 768	79	30 089	91	36 285
Harvested cropland	75	15 471	(NA)	14 546	72	15 321	(NA)	14 429
Type of organization:								
Individual or family	895	773 554	(NA)	(NA)	737	737 164	788	930 664
Partnership	138	456 935	(NA)	(NA)	128	455 980	89	(D)
Corporation	51	376 730	(NA)	(NA)	50	(D)	33	287 170
Other—cooperative, estate or trust, institutional, etc.	24	122 921	(NA)	(NA)	9	(D)	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	606	668	553	630
Other	502	380	371	247
Operators by age group:				
Under 25 years	24	40	14	29
25 to 34 years	106	73	97	63
35 to 44 years	220	219	172	162
45 to 54 years	306	242	266	221
55 to 64 years	278	269	238	228
65 years and over	174	205	137	174
Average age	51.0	51.8	51.0	52.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	756	592	633	507
Not on farm operated	245	232	204	172
Not reported	107	224	87	198
Operators reporting days of work off farm:				
None	422	361	375	331
1 to 49 days	79	64	72	53
50 to 99 days	36	30	33	28
100 to 149 days	28	22	28	19
150 to 199 days	96	65	80	52
200 days or more	395	325	292	232

[1]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	400	7 835	407	5 682	362	7 797	333	5 612
Feed for livestock and poultry	622	7 246	614	5 370	545	7 098	507	5 184
Commercially mixed formula feeds	283	2 640	401	2 174	258	2 534	343	2 044
Animal health costs	569	436	(NA)	(NA)	519	428	434	210
Seeds, bulbs, plants, and trees	648	1 020	662	756	584	1 003	596	736
Commercial fertilizer	752	2 892	664	2 379	714	2 877	601	2 330
Other agricultural chemicals including lime	739	778	559	476	684	763	500	470
Hired farm labor	630	3 784	559	2 593	613	3 752	499	2 517
Contract labor	181	575	125	415	174	571	121	413
Customwork, machine hire, and rental of machinery and equipment	574	883	602	660	524	866	519	639
Energy and petroleum products	1 104	3 817	(NA)	(NA)	972	3 766	(NA)	(NA)
Petroleum products	1 104	2 966	1 087	1 964	972	2 926	906	1 902
Gasoline	1 077	1 510	(NA)	(NA)	945	1 484	888	1 086
Diesel fuel	861	1 113	(NA)	(NA)	813	1 106	636	573
LP gas, butane, and propane	176	69	(NA)	(NA)	157	66	181	57
Fuel oil	81	35	(NA)	(NA)	67	(D)		
Natural gas	131	53	(NA)	(NA)	130	(D)	906	187
Kerosene, motor oil, and grease	1 104	186	(NA)	(NA)	972	182		
Electricity	763	845	(NA)	(NA)	716	834	(NA)	(NA)
Other—coal, wood, coke, etc.	34	6	(NA)	(NA)	23	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		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	726	120 274	700	119 501	601	76 321
Cropland fertilized, except pasture	721	118 190	696	(D)	(NA)	74 802
Pasture and rangeland fertilized	58	2 084	57	(D)	(NA)	1 519
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	370	28 728	350	28 257	(NA)	26 696
Nematodes in crops	78	2 741	77	(D)	59	1 831
Diseases in crops and orchards	155	4 522	124	4 459	30	1 004
Weeds, grass, or brush in crops and pasture	476	72 775	461	70 693	(NA)	42 851
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	18	2 763	18	2 763	13	275
Insect control on livestock and poultry	325	(X)	312	(X)	85	(X)
Sanitation and rodent and bird control	99	(X)	88	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	1 106	1 058	972	882
$1,000	55 717	31 074	53 446	28 961
Average per farm — dollars	50 377	29 371	54 985	32 836
Farms by value group:				
$1 to $4,999	70	127	38	68
$5,000 to $9,999	238	137	161	97
$10,000 to $19,999	163	226	159	182

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	101	183	88	165
$30,000 to $49,999	163	218	163	206
$50,000 to $69,999	112	77	112	74
$70,000 to $99,999	77		76	
$100,000 to $199,999	125	90	123	90
$200,000 or more	57		52	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	769	1 193	443	592	492	601	869	1 275	807
Motortrucks including pickups	1 005	2 423	594	876	763	1 547	975	2 138	833
Wheel tractors	997	2 437	359	579	909	1 858	942	2 217	534
Grain and bean combines, self-propelled only	263	298	71	83	205	215	253	264	81
Corn heads for combines	7	7	5	(D)	2	(D)	8	8	4
Other cornpickers and picker-shellers	3	4	2	(D)	1	(D)	40	40	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	385	488	158	163	240	325	216	218	76
Pickup balers	534	575	198	219	352	356	489	506	185
Field forage harvesters, shear bar or flywheel type	231	250	113	124	121	126	165	173	80

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	630	272	(X)	537	(X)	613	499
Workers	3 141	(X)	632	(X)	2 509	3 110	4 140
Forms with—							
1 worker	155	109	109	124	124	141	122
2 workers	139	79	158	143	286	139	67
3 or 4 workers	134	61	197	122	399	132	87
5 to 9 workers	118	18	110	80	494	118	108
10 workers or more	84	5	58	68	1 206	83	115

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	756	(X)	744	(X)	638	(X)	615	(X)
Any cattle, hogs, or sheep	683	(X)	711	(X)	592	(X)	592	(X)
Sales:								
Any livestock or poultry and their products $1,000	701	32 457	695	20 547	604	32 119	588	20 257
Any cattle, hogs, or sheep $1,000	662	21 005	671	(NA)	584	20 801	573	13 224
CATTLE AND CALVES								
Inventory:								
Cattle and calves	604	87 222	645	88 260	529	86 152	551	86 647
Cows and heifers that had calved	484	37 764	525	43 503	431	37 336	454	42 835
Beef cows	334	28 418	359	34 848	296	28 068	300	34 282
Milk cows	208	9 346	242	8 655	189	9 268	221	8 553
Heifers and heifer calves	447	26 436	(NA)	(NA)	408	26 155	434	20 039
Steers, steer calves, bulls and bull calves	502	23 022	(NA)	(NA)	443	22 661	449	23 773
Sales:								
Cattle and calves	572	49 836	602	47 944	515	49 493	528	47 416
$1,000	(X)	17 411	(X)	(NA)	(X)	17 314	(X)	11 187
Calves	308	14 194	(NA)	(NA)	279	14 064	240	12 324
$1,000	(X)	3 360	(X)	(NA)	(X)	3 337	(X)	1 724
Cattle	471	35 642	(NA)	(NA)	424	35 429	443	35 092
$1,000	(X)	14 051	(X)	(NA)	(X)	13 977	(X)	9 463
Fattened cattle	127	10 925	(NA)	(NA)	114	10 875	102	9 849
$1,000	(X)	4 860	(X)	(NA)	(X)	4 837	(X)	3 796
Dairy products $1,000	145	11 243	(NA)	(NA)	138	11 130	155	6 538
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	101	3 277	89	3 234	87	2 728	72	2 196
Used or to be used for breeding	63	594	(NA)	(NA)	56	502	41	308
Other hogs and pigs	85	2 683	(NA)	(NA)	73	2 226	67	1 888
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	65	764	58	742	58	635	48	455
Dec. 1 of preceding year and May 31	56	370	42	381	49	(D)	37	246
June 1 and Nov. 30	51	394	39	361	49	(D)	30	209
Sheep and lambs	135	75 303	132	54 511	109	74 778	109	53 959
Ewes 1 year old or older	130	50 206	(NA)	(NA)	104	49 876	105	38 252
Goats	4	13	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	365	1 873	274	1 314	310	1 541	229	1 173
Sales:								
Hogs and pigs	91	5 149	66	4 346	82	4 047	55	3 001
$1,000	(X)	418	(X)	(NA)	(X)	334	(X)	210
Feeder pigs	25	1 081	23	616	23	(D)	19	432
$1,000	(X)	34	(X)	(NA)	(X)	(D)	(X)	8
Sheep and lambs	132	51 920	122	46 718	109	51 582	105	46 206
Sheep and lambs shorn	127	53 296	(NA)	(NA)	103	52 956	101	48 360
Pounds of wool	(X)	544 926	(X)	(NA)	(X)	541 619	(X)	498 087
Sheep, lambs, and wool $1,000	137	3 176	(NA)	(NA)	111	3 153	106	1 827
Goats	–	–	(NA)	(NA)	–	–	1	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	66	159	43	112	50	124	36	102
$1,000	(X)	88	(X)	(NA)	(X)	72	(X)	35
POULTRY								
Inventory:								
Any poultry	82	(X)	64	(X)	52	(X)	48	(X)
Chickens 3 months old or older	66	4 162	58	8 832	42	3 338	43	8 425
Hens and pullets of laying age	65	4 015	58	8 054	41	(D)	43	7 666
Pullets 3 months old or older	5	147	(NA)	(NA)	3	(D)	3	673
Pullet chicks and pullets under 3 months old	4	8	(NA)	(NA)	4	8	2	(D)
Broilers and other meat-type chickens	24	1 834	8	846	8	1 251	8	846
Turkeys	5	337	(NA)	(NA)	4	(D)	3	242
Turkeys for slaughter	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	1	(D)
Other poultry	14	(X)	(NA)	(X)	6	(X)	3	(X)
Sales:								
Any poultry	16	(X)	16	(X)	8	(X)	15	(X)
Chickens 3 months old or older	9	901	9	5 281	5	818	9	5 281
Hens and pullets of laying age	9	901	9	5 281	5	818	9	5 281
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	3	(D)	–	–	3	(D)
Turkeys	3	(D)	(NA)	(NA)	3	(D)	3	57 330
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	3	57 330
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	–	(X)	2	(X)
Poultry and poultry products $1,000	25	26	28	432	15	23	23	428

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	293	12 911	(X)	293	12 911	278	12 680	(X)	278	12 680
	1974	274	8 262	(X)	(NA)	(NA)	265	8 126	(X)	265	8 054
For grain or seed (bushels)	1978	84	3 222	290 195	84	3 222	81	3 188	288 724	81	3 188
	1974	23	511	36 502	(NA)	(NA)	22	(D)	(D)	20	457
For silage or green chop (tons, green)	1978	247	9 689	193 288	247	9 689	235	9 492	190 227	235	9 492
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	248	(D)	155 440	248	7 597
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	4	59	(X)	4	59	4	59	(X)	4	59
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	468	99 133	2 881 651	275	15 378	444	98 697	2 862 341	262	15 183
	1974	623	100 960	2 435 100	(NA)	(NA)	574	99 120	2 393 654	362	16 256
Oats for grain (bushels)	1978	68	1 143	82 917	59	997	58	1 088	80 560	49	952
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	379	20 915	29	336
Barley for grain (bushels)	1978	489	22 332	1 537 628	434	18 708	457	21 909	1 517 751	410	18 366
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	445	16 589	849 246	392	11 464
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
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	7	(D)	14 250	7	(D)	5	(D)	(D)	5	(D)
	1974	6	165	27 200	(NA)	(NA)	6	165	27 200	6	165
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	726	51 899	158 416	616	40 384	638	50 329	154 845	545	39 246
	1974	726	46 746	137 045	(NA)	(NA)	652	44 172	130 077	569	32 994
Alfalfa hay (tons, dry)	1978	668	42 590	144 902	567	33 329	596	41 409	141 847	508	32 458
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	613	35 773	115 166	529	26 520
Other tame dry hay (tons, dry) (see text)	1978	51	1 543	2 324	43	1 285	41	1 425	2 137	36	1 200
Field seed crops	1978	22	2 071	(X)	2	(D)	22	2 071	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	40	2 821	(X)	7	299
Alfalfa seed (pounds)	1978	22	1 811	162 490	1	(D)	22	1 811	162 490	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	2 414	260 047	4	162
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	110	2 875	(X)	110	2 875	104	2 837	(X)	104	2 837
	1974	103	2 364	(X)	(NA)	(NA)	100	2 362	(X)	100	2 257
Sweet corn	1978	76	1 341	(X)	76	1 341	71	1 339	(X)	71	1 339
	1974	(NA)	(NA)	(X)	(NA)	(NA)	61	1 052	(X)	61	1 032
Tomatoes	1978	28	170	(X)	28	170	28	170	(X)	28	170
	1974	(NA)	(NA)	(X)	(NA)	(NA)	37	188	(X)	37	188
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	225	(X)	15	191
Land in orchards	1978	140	2 288	(X)	130	2 111	104	2 115	(X)	96	1 942
	1974	125	2 164	(X)	(NA)	(NA)	86	2 016	(X)	75	1 879
Apples (pounds)	1978	71	294	970 083	(NA)	(NA)	52	244	957 543	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	162	992 720	(NA)	(NA)
Peaches (pounds)	1978	107	936	3 223 763	(NA)	(NA)	80	859	3 148 329	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	805	4 144 994	(NA)	(NA)
Grapes (pounds) (see text)	1978	20	27	59 958	(NA)	(NA)	16	26	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	11	70 000	(NA)	(NA)
Berries	1978	14	11	(X)	14	11	11	10	(X)	11	10
	1974	13	12	(X)	(NA)	(NA)	8	8	(X)	8	8
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Nursery and greenhouse products	1978	16	43	(X)	10	42	16	43	(X)	10	42
Other crops	1978	140	9 441	(X)	(NA)	(NA)	139	(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	1 214	294 025	1 273	286 128	1 001	273 167	984	233 075
Average size of farm	(X)	242	(X)	225	(X)	273	(X)	237
Approximate land area	(X)	751 360	(X)	751 360	(X)	751 360	(X)	751 360
Proportion in farms ... percent	(X)	39.1	(X)	38.1	(X)	36.4	(X)	31.0
Value of land and buildings:[1]								
Average per farm ... dollars	225 310	(X)	106 472	(X)	249 021	(X)	117 050	(X)
Average per acre ... dollars	(X)	972	(X)	474	(X)	950	(X)	494
Land in farms according to use:								
Total cropland	1 151	173 036	1 198	159 106	959	163 395	933	149 139
Harvested cropland	1 109	116 230	1 143	121 612	934	112 095	897	114 416
By acres harvested:								
1 to 9 acres	88	451	74	(NA)	41	212	24	(NA)
10 to 19 acres	117	1 594	111	(NA)	60	853	39	(NA)
20 to 29 acres	112	2 631	145	(NA)	74	1 726	80	(NA)
30 to 49 acres	168	6 389	160	(NA)	145	5 579	123	(NA)
50 to 99 acres	239	16 677	285	(NA)	231	16 200	270	(NA)
100 to 199 acres	237	33 140	217	(NA)	237	33 140	215	(NA)
200 to 499 acres	124	36 475	128	(NA)	123	(D)	123	(NA)
500 to 999 acres	20	12 468	17	(NA)	19	(D)	17	(NA)
1,000 acres or more	4	6 405	6	(NA)	4	6 405	6	(NA)
Cropland used only for pasture	530	34 228	542	21 905	453	(D)	438	20 123
Other cropland	411	22 578	254	15 589	356	(D)	211	14 600
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	77	2 130	(NA)	(NA)	67	1 938	28	770
Cropland on which all crops failed	72	1 643	(NA)	(NA)	60	(D)	39	1 444
Cropland in cultivated summer fallow	237	15 294	(NA)	(NA)	210	14 642	130	10 856
Cropland idle	134	3 511	(NA)	(NA)	118	3 222	65	1 530
Total woodland	24	1 055	23	2 183	23	(D)	14	1 295
Woodland pastured	6	212	(NA)	(NA)	5	(D)	6	406
Woodland not pastured	18	843	(NA)	(NA)	18	843	8	889
Other land	760	119 934	848	124 839	646	(D)	682	82 641
Postureland and rangeland, other than cropland and woodland pastured	283	111 759	(NA)	(NA)	252	101 575	279	73 799
Land in house lots, ponds, roads, wasteland, etc	634	8 175	(NA)	(NA)	533	(D)	575	8 842
Postureland, all types	743	146 199	(NA)	(NA)	640	131 734	(NA)	94 328
Irrigated land	1 005	87 117	953	75 527	844	83 361	772	70 390
Harvested cropland irrigated	949	72 230	(NA)	(NA)	804	69 535	750	62 332
Postureland irrigated	411	13 100	(NA)	(NA)	359	12 253	(NA)	7 821
Other land irrigated	75	1 787	(NA)	(NA)	68	1 573	15	237
Land set aside in the federal farm programs in 1978	264	6 949	(X)	(X)	240	6 758	(X)	(X)

[1]1978 data are based on a sample of farms; see text.

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	1 214	46 540	1 273	34 381	1 001	45 643	984	33 131
Average per farm ... dollars	(X)	38 336	(X)	27 008	(X)	45 597	(X)	33 670
Farms by value of agricultural products sold:[1]								
$100,000 or more	116	24 315	45	(NA)	116	24 315	45	(NA)
$40,000 to $99,999	203	12 888	165	(NA)	203	12 888	165	(NA)
$20,000 to $39,999	146	4 125	202	(NA)	146	4 125	202	(NA)
$10,000 to $19,999	159	2 264	175	(NA)	159	2 264	175	(NA)
$5,000 to $9,999	199	1 414	210	(NA)	199	1 414	210	(NA)
$2,500 to $4,999	178	636	174	(NA)	178	636	174	(NA)
Less than $2,500 (see text)	197	250	270	(NA)	(X)	(X)	13	(NA)
$2,000 to $2,499	32	69	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	52	88	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	57	67	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	56	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	16	647	32	(NA)	(X)	(X)	(X)	(X)
Crops	729	6 453	883	7 846	611	6 252	(NA)	7 510
Grains	521	2 804	(NA)	(NA)	467	2 738	555	3 770
Commodity Credit Corporation loans	62	156	(NA)	(NA)	58	153	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	428	2 650	(NA)	(NA)	358	2 539	351	2 172
Vegetables, sweet corn, and melons	55	333	(NA)	(NA)	52	330	58	361
Fruits, nuts, and berries	31	91	(NA)	(NA)	21	77	11	(D)
Nursery and greenhouse products	7	198	12	250	7	198	10	(D)
Other crops	40	378	(NA)	(NA)	37	370	75	946
Livestock, poultry, and their products	874	40 087	904	26 532	764	39 391	738	25 618
Poultry and poultry products	18	(D)	16	870	14	(D)	12	818
Dairy products	373	24 046	(NA)	(NA)	370	23 786	383	13 854
Cattle and calves	788	12 971	(NA)	(NA)	704	12 721	702	8 929
Hogs and pigs	64	(D)	(NA)	(NA)	49	(D)	55	382
Sheep, lambs, and wool	57	741	(NA)	(NA)	38	724	43	574
Other livestock and livestock products (see text)	82	1 215	(NA)	(NA)	65	1 196	51	1 061

[1]1974 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	1 214	1 273	294 025	1 109	243 955	116 230	1 005	194 484	96 109	87 117
Farms with—										
1 to 9 acres	99	105	388	44	217	160	55	276	140	234
10 to 49 acres	312	339	8 235	281	7 549	5 568	279	7 455	5 155	5 761
50 to 69 acres	101	100	5 836	99	5 722	3 945	89	5 142	3 540	3 817
70 to 99 acres	125	158	10 297	121	9 982	6 846	108	8 904	6 139	6 306
100 to 139 acres	113	128	13 109	113	13 109	8 890	94	10 853	7 527	7 469
140 to 179 acres	111	97	17 671	105	16 725	10 689	93	14 855	9 553	9 840
180 to 219 acres	69	83	13 633	69	13 633	8 425	59	11 657	7 710	6 965
220 to 259 acres	53	48	12 690	53	12 690	7 864	49	11 722	7 200	6 247
260 to 499 acres	141	113	47 970	138	47 022	27 569	111	37 791	23 320	19 959
500 to 999 acres	61	72	43 053	60	42 453	20 441	49	34 710	16 999	13 471
1,000 to 1,999 acres	16	16	22 875	16	22 875	8 749	13	17 698	6 642	4 958
2,000 acres or more	13	14	98 268	10	51 978	7 084	6	33 421	2 184	2 090

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 214	294 025	1 273	286 128	1 001	273 167	984	233 075
Harvested cropland	1 109	116 230	1 143	121 612	934	112 095	897	114 416
Tenure of operator:								
Full owners	706	96 180	842	164 142	529	87 170	610	121 555
Harvested cropland	621	41 627	(NA)	64 783	478	38 984	(NA)	59 836
Part owners	443	182 303	384	113 834	412	170 571	335	103 715
Harvested cropland	429	67 906	(NA)	51 201	401	66 505	(NA)	49 152
Tenants	65	15 542	47	8 152	60	15 426	39	7 805
Harvested cropland	59	6 697	(NA)	5 628	55	6 606	(NA)	5 428
Type of organization:								
Individual or family	1 020	193 886	(NA)	(NA)	839	187 397	890	198 611
Partnership	131	43 675	(NA)	(NA)	122	43 248	78	28 001
Corporation	25	36 734	(NA)	(NA)	24	(D)	15	(D)
Other—cooperative, estate or trust, institutional, etc.	38	19 730	(NA)	(NA)	16	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	638	676	592	617
Other	576	549	409	351
Operators by age group:				
Under 25 years	20	8	19	3
25 to 34 years	109	121	89	97
35 to 44 years	231	252	178	197
45 to 54 years	317	275	269	220
55 to 64 years	284	294	241	239
65 years and over	253	275	205	212
Average age	52.0	52.4	52.0	52.5

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	843	648	721	534
Not on farm operated	249	352	187	251
Not reported	122	225	93	183
Operators reporting days of work off farm:				
None	492	371	452	336
1 to 49 days	61	67	52	50
50 to 99 days	28	49	25	29
100 to 149 days	26	29	21	25
150 to 199 days	86	70	74	64
200 days or more	470	429	331	282

[1]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	431	5 749	535	4 313	366	5 626	401	4 149
Feed for livestock and poultry	722	9 587	836	7 496	641	9 359	674	7 098
Commercially mixed formula feeds	485	4 531	584	3 861	456	4 462	482	3 627
Animal health costs	775	578	(NA)	(NA)	677	535	547	304
Seeds, bulbs, plants, and trees	702	452	745	426	613	431	608	395
Commercial fertilizer	653	831	686	691	591	806	578	649
Other agricultural chemicals including lime	741	285	625	177	650	276	525	165
Hired farm labor	749	2 760	619	1 801	651	2 628	529	1 604
Contract labor	109	144	73	81	98	141	70	80
Customwork, machine hire, and rental of machinery and equipment	703	516	776	511	579	454	605	467
Energy and petroleum products	1 192	2 550	(NA)	(NA)	990	2 421	(NA)	(NA)
Petroleum products	1 188	1 943	1 249	1 336	990	1 837	977	1 256
Gasoline	1 108	1 009	(NA)	(NA)	939	951	946	720
Diesel fuel	798	618	(NA)	(NA)	718	600	681	347
LP gas, butane, and propane	206	93	(NA)	(NA)	195	90	194	71
Fuel oil	99	18	(NA)	(NA)	88	18	976	119
Natural gas	89	62	(NA)	(NA)	83	43		
Kerosene, motor oil, and grease	1 187	143	(NA)	(NA)	990	136		
Electricity	765	594	(NA)	(NA)	688	571	(NA)	(NA)
Other—coal, wood, coke, etc.	56	13	(NA)	(NA)	46	12	(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	631	45 179	574	43 883	578	38 435
Cropland fertilized, except pasture	631	40 336	574	39 127	(NA)	37 430
Pasture and rangeland fertilized	100	4 843	96	4 756	(NA)	1 005
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	334	12 925	298	12 420	(NA)	17 304
Nematodes in crops	29	791	28	(D)	32	804
Diseases in crops and orchards	59	1 306	36	1 258	9	548
Weeds, grass, or brush in crops and pasture	527	29 097	479	28 299	(NA)	23 402
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	16	312	6	302	–	–
Insect control on livestock and poultry	352	(X)	320	(X)	101	(X)
Sanitation and rodent and bird control	181	(X)	168	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	1 201	1 195	995	925
— $1,000	37 250	24 919	35 295	21 554
Average per farm — dollars	31 016	20 853	35 472	23 302
Farms by value group:				
$1 to $4,999	122	188	79	114
$5,000 to $9,999	280	248	155	157
$10,000 to $19,999	232	260	211	190

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT — Con.				
Estimated market value of all machinery and equipment — Con.				
$20,000 to $29,999	117	211	115	202
$30,000 to $49,999	241	201	228	182
$50,000 to $69,999	56	50	56	46
$70,000 to $99,999	63	37	63	34
$100,000 to $199,999	85		83	
$200,000 or more	5		5	

	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	864	1 287	432	541	581	746	985	1 431	693
Motortrucks including pickups	1 092	2 175	473	607	918	1 568	1 055	1 891	506
Wheel tractors	1 041	2 175	267	375	949	1 800	1 065	2 198	501
Grain and bean combines, self-propelled only	235	254	12	12	223	242	205	212	38
Corn heads for combines	6	8	2	(D)	5	(D)	33	33	6
Other cornpickers and picker-shellers	8	8	7	(D)	1	(D)	36	37	3
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	535	562	195	195	342	367	285	290	93
Pickup balers	628	701	224	249	432	452	612	651	191
Field forage harvesters, shear bar or flywheel type	223	244	84	86	143	158	170	184	69

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	749	236	(X)	646	(X)	651	529
Workers	2 768	(X)	512	(X)	2 256	2 502	2 532
Farms with—							
1 worker	219	96	96	182	182	146	163
2 workers	136	83	166	135	270	121	83
3 or 4 workers	211	44	149	209	705	210	107
5 to 9 workers	144	10	61	89	524	140	110
10 workers or more	39	3	40	31	575	34	66

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	920	(X)	939	(X)	790	(X)	749	(X)
Any cattle, hogs, or sheep	838	(X)	900	(X)	732	(X)	723	(X)
Sales:								
Any livestock or poultry and their products $1,000	874	40 087	904	26 532	764	39 391	738	25 618
Any cattle, hogs, or sheep $1,000	824	(D)	866	(NA)	726	(D)	720	9 885
CATTLE AND CALVES								
Inventory:								
Cattle and calves	800	61 051	870	58 501	706	58 896	704	54 138
Cows and heifers that had calved	635	27 510	698	25 868	574	26 697	592	24 306
Beef cows	282	7 519	330	8 869	233	6 979	255	7 977
Milk cows	419	19 991	468	16 999	400	19 718	422	16 329
Heifers and heifer calves	611	17 891	(NA)	(NA)	554	17 138	559	15 476
Steers, steer calves, bulls and bull calves	673	15 650	(NA)	(NA)	598	15 061	592	14 356
Sales:								
Cattle and calves	788	31 413	833	28 518	704	30 624	702	27 175
$1,000	(X)	12 971	(X)	(NA)	(X)	12 721	(X)	8 929
Calves	331	5 974	(NA)	(NA)	293	5 624	275	4 050
$1,000	(X)	1 026	(X)	(NA)	(X)	972	(X)	369
Cattle	711	25 439	(NA)	(NA)	644	25 000	649	23 125
$1,000	(X)	11 945	(X)	(NA)	(X)	11 749	(X)	8 560
Fattened cattle	146	12 874	(NA)	(NA)	129	12 832	118	12 101
$1,000	(X)	6 625	(X)	(NA)	(X)	6 608	(X)	5 571
Dairy products $1,000	373	24 046	(NA)	(NA)	370	23 786	383	13 854
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	86	4 629	105	3 711	66	4 535	71	3 464
Used or to be used for breeding	51	644	(NA)	(NA)	43	619	40	420
Other hogs and pigs	77	3 985	(NA)	(NA)	59	3 916	62	3 044
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	52	868	61	816	43	851	50	783
Dec. 1 of preceding year and May 31	38	435	37	389	31	425	29	369
June 1 and Nov. 30	38	433	56	427	33	426	47	414
Sheep and lambs	59	14 779	88	14 186	40	14 193	46	13 041
Ewes 1 year old or older	54	10 041	(NA)	(NA)	37	9 692	38	5 212
Goats	6	153	(NA)	(NA)	5	(D)	2	(D)
Horses and ponies	362	1 419	288	973	302	1 164	202	710
Sales:								
Hogs and pigs	64	6 040	71	6 366	49	5 918	55	6 068
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	382
Feeder pigs	23	1 384	27	910	18	1 326	18	754
$1,000	(X)	41	(X)	(NA)	(X)	40	(X)	9
Sheep and lambs	55	11 650	66	14 771	36	11 377	40	14 039
Sheep and lambs shorn	54	9 423	(NA)	(NA)	35	9 064	38	5 859
Pounds of wool	(X)	103 132	(X)	(NA)	(X)	100 167	(X)	58 434
Sheep, lambs, and wool $1,000	57	741	(NA)	(NA)	38	724	43	574
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	59	171	53	87	46	151	38	65
$1,000	(X)	239	(X)	(NA)	(X)	226	(X)	18
POULTRY								
Inventory:								
Any poultry	73	(X)	81	(X)	52	(X)	57	(X)
Chickens 3 months old or older	59	(D)	75	44 699	42	(D)	51	43 209
Hens and pullets of laying age	58	(D)	73	34 386	41	(D)	49	33 209
Pullets 3 months old or older	6	(D)	(NA)	(NA)	6	(D)	3	9 810
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Broilers and other meat-type chickens	14	1 034	16	1 091	8	328	11	591
Turkeys	8	85	(NA)	(NA)	6	(D)	4	12
Turkeys for slaughter	7	75	(NA)	(NA)	5	(D)	4	(D)
Turkey hens kept for breeding	3	10	(NA)	(NA)	3	10	2	(D)
Other poultry	22	(X)	(NA)	(X)	14	(X)	9	(X)
Sales:								
Any poultry	15	(X)	12	(X)	11	(X)	11	(X)
Chickens 3 months old or older	7	(D)	10	220 659	6	(D)	9	(D)
Hens and pullets of laying age	7	(D)	9	20 639	6	(D)	8	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	2	(D)	1	(D)	1	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	4	(X)	1	(X)
Poultry and poultry products $1,000	18	(D)	16	870	14	(D)	12	818

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	296	8 607	(X)	296	8 607	284	8 366	(X)	284	8 366
	1974	339	8 796	(X)	(NA)	(NA)	315	8 300	(X)	315	8 252
For grain or seed (bushels)	1978	4	(D)	4 143	4	(D)	3	(D)	(D)	3	(D)
	1974	14	275	10 926	(NA)	(NA)	13	(D)	(D)	13	(D)
For silage or green chop (tons, green)	1978	293	8 549	141 440	293	8 549	283	(D)	138 186	283	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	303	7 997	140 687	303	7 969
For fodder, hogged or grazed	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	(D)	(X)	1	(D)
Sorghums for all purposes	1978	3	45	(X)	3	45	2	(D)	(X)	2	(D)
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	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	305	19 468	621 455	139	2 993	280	19 016	606 175	127	2 897
	1974	507	29 115	817 042	(NA)	(NA)	418	27 766	781 057	205	5 111
Oats for grain (bushels)	1978	96	785	45 493	83	632	85	710	41 528	74	562
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	67	638	41 286	49	573
Barley for grain (bushels)	1978	678	25 556	1 417 677	548	18 232	622	24 999	1 393 184	503	17 833
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	615	26 137	1 004 315	478	15 705
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	39	1 870	4	30
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
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	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	10	55	9 005	(NA)	(NA)	8	(D)	(D)	8	49
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	966	61 946	180 803	801	41 272	829	59 218	174 886	691	39 484
	1974	963	52 783	150 765	(NA)	(NA)	774	48 716	139 130	608	30 029
Alfalfa hay (tons, dry)	1978	910	52 494	163 176	754	33 942	785	50 229	157 954	656	32 504
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	755	42 975	127 091	584	25 947
Other tame dry hay (tons, dry) (see text)	1978	82	2 957	6 036	60	2 226	72	2 766	5 696	54	2 059
Field seed crops	1978	14	559	(X)	1	(D)	14	559	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	516	(X)	1	(D)
Alfalfa seed (pounds)	1978	14	559	50 798	1	(D)	14	559	50 798	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	504	51 137	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	55	998	(X)	55	998	52	985	(X)	52	985
	1974	65	1 242	(X)	(NA)	(NA)	59	1 184	(X)	57	1 159
Sweet corn	1978	44	709	(X)	44	709	41	696	(X)	41	696
	1974	(NA)	(NA)	(X)	(NA)	(NA)	42	676	(X)	40	658
Tomatoes	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	278	(X)	13	271
Land in orchards	1978	37	206	(X)	34	199	21	121	(X)	19	115
	1974	23	138	(X)	(NA)	(NA)	13	93	(X)	13	93
Apples (pounds)	1978	31	102	461 750	(NA)	(NA)	16	61	312 550	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57	125 750	(NA)	(NA)
Peaches (pounds)	1978	8	27	54 840	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	11	13	(X)	11	13	9	(D)	(X)	9	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Strawberries (pounds)	1978	3	1	1 648	3	1	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Nursery and greenhouse products	1978	7	21	(X)	6	20	7	21	(X)	6	20
Other crops	1978	42	955	(X)	(NA)	(NA)	40	(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	173	247 921	144	363 302	97	220 742	94	348 544
Average size of farm	(X)	1 433	(X)	2 523	(X)	2 276	(X)	3 708
Approximate land area	(X)	944 640	(X)	944 640	(X)	944 640	(X)	944 640
Proportion in farms ... percent	(X)	26.2	(X)	38.5	(X)	23.4	(X)	36.9
Value of land and buildings:[1]								
Average per farm ... dollars	443 015	(X)	225 882	(X)	692 435	(X)	314 894	(X)
Average per acre ... dollars	(X)	306	(X)	90	(X)	298	(X)	85
Land in farms according to use:								
Total cropland	155	16 431	128	15 340	80	12 691	81	12 341
Harvested cropland	141	7 402	120	8 196	75	5 721	73	6 598
By acres harvested:								
1 to 9 acres	23	129	10	(NA)	5	24	3	(NA)
10 to 19 acres	34	507	20	(NA)	9	136	1	(NA)
20 to 29 acres	23	535	14	(NA)	12	279	5	(NA)
30 to 49 acres	17	661	34	(NA)	10	401	27	(NA)
50 to 99 acres	23	1 648	17	(NA)	21	(D)	14	(NA)
100 to 199 acres	12	1 725	13	(NA)	11	(D)	13	(NA)
200 to 499 acres	9	2 197	12	(NA)	7	(D)	10	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,0cres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	87	6 342	80	4 070	49	(D)	53	2 923
Other cropland	65	2 687	53	3 074	37	(D)	40	2 820
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	72	(NA)	(NA)	3	(D)	6	196
Cropland on which all crops failed	6	47	(NA)	(NA)	5	(D)	21	960
Cropland in cultivated summer fallow	15	369	(NA)	(NA)	11	266	4	80
Cropland idle	50	2 199	(NA)	(NA)	27	1 648	16	1 584
Total woodland	10	24 055	9	24 950	7	21 141	9	24 950
Woodland pastured	7	(D)	(NA)	(NA)	5	(D)	3	13 200
Woodland not pastured	5	(D)	(NA)	(NA)	3	(D)	6	11 750
Other land	144	207 435	128	323 012	87	186 910	90	311 253
Pastureland and rangeland, other than cropland and woodland pastured	76	201 418	(NA)	(NA)	54	181 478	69	298 913
Land in house lots, ponds, roads, wasteland, etc	109	6 017	(NA)	(NA)	59	5 432	63	12 340
Pastureland, all types	132	226 589	(NA)	(NA)	80	202 455	(NA)	315 036
Irrigated land	145	10 739	111	10 718	79	8 566	71	8 714
Harvested cropland irrigated	137	7 167	(NA)	(NA)	74	5 561	70	6 076
Pastureland irrigated	61	3 373	(NA)	(NA)	37	2 915	(NA)	2 028
Other land irrigated	12	199	(NA)	(NA)	5	90	8	610
Land set aside in the federal farm programs in 1978	7	81	(X)	(X)	6	(D)	(X)	(X)

[1]1978 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]	173	2 111	144	1 612	97	1 962	94	1 487
Average per farm ... dollars	(X)	12 204	(X)	11 194	(X)	20 225	(X)	15 819
Farms by value of agricultural products sold:[1]								
$100,000 or more	4	657	3	(NA)	4	657	3	(NA)
$40,000 to $99,999	9	538	4	(NA)	9	538	4	(NA)
$20,000 to $39,999	7	179	11	(NA)	7	179	11	(NA)
$10,000 to $19,999	17	249	13	(NA)	17	249	13	(NA)
$5,000 to $9,999	29	227	16	(NA)	29	227	16	(NA)
$2,500 to $4,999	31	112	31	(NA)	31	112	31	(NA)
Less than $2,500 (see text)	74	(D)	62	(NA)	(X)	(X)	16	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	15	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	20	24	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	30	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	4	(NA)	(X)	(X)	(X)	(X)
Crops	60	178	76	387	34	148	(NA)	341
Grains	21	36	(NA)	(NA)	16	32	38	(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	41	135	(NA)	(NA)	22	109	20	140
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	2	(D)	–	–
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	3	(D)	(NA)	(NA)	2	(D)	7	127
Livestock, poultry, and their products	143	1 934	128	1 224	91	1 814	88	1 146
Poultry and poultry products	4	(D)	4	(D)	2	(D)	2	(D)
Dairy products	–	–	(NA)	(NA)	–	–	1	(Z)
Cattle and calves	103	1 598	(NA)	(NA)	77	1 502	75	805
Hogs and pigs	17	(D)	(NA)	(NA)	10	10	26	15
Sheep, lambs, and wool	46	291	(NA)	(NA)	23	279	22	286
Other livestock and livestock products (see text)	17	13	(NA)	(NA)	7	(D)	7	(D)

[1]1974 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	173	144	247 921	141	205 965	7 402	145	209 075	7 182	10 739
Farms with—										
1 to 9 acres	12	6	44	4	23	19	5	24	19	20
10 to 49 acres	51	24	1 405	45	1 249	642	44	1 228	628	749
50 to 69 acres	13	6	751	13	751	240	12	691	220	347
70 to 99 acres	11	7	873	11	873	342	10	797	316	435
100 to 139 acres	4	7	432	4	432	175	4	432	175	185
140 to 179 acres	11	6	1 633	10	1 493	698	10	1 473	538	678
180 to 219 acres	1	5	(D)	1	(D)	(D)	1	(D)	(D)	(D)
220 to 259 acres	2	–	(D)	2	(D)	(D)	2	(D)	(D)	(D)
260 to 499 acres	20	15	7 446	13	4 375	867	16	5 756	867	1 387
500 to 999 acres	17	6	11 600	13	9 055	1 114	16	10 960	1 114	1 677
1,000 to 1,999 acres	8	24	12 434	7	11 179	665	7	11 179	665	975
2,000 acres or more	23	38	210 643	18	175 875	2 499	18	175 875	2 499	3 980

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	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	173	247 921	144	363 302	97	220 742	94	348 544
Harvested cropland	141	7 402	120	8 196	75	5 721	73	6 598
Tenure of operator:								
Full owners	112	84 039	72	55 640	55	80 117	35	51 782
Harvested cropland	90	3 727	(NA)	3 196	40	2 628	(NA)	2 443
Part owners	49	137 577	61	275 443	35	123 484	52	271 854
Harvested cropland	41	3 238	(NA)	4 738	29	2 724	(NA)	3 913
Tenants	12	26 305	11	32 219	7	17 141	7	24 908
Harvested cropland	10	437	(NA)	262	6	369	(NA)	242
Type of organization:								
Individual or family	143	113 884	(NA)	(NA)	75	105 115	83	178 649
Partnership	23	52 174	(NA)	(NA)	17	(D)	9	(D)
Corporation	4	64 731	(NA)	(NA)	4	64 731	2	(D)
Other—cooperative, estate or trust, institutional, etc.	3	17 132	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	53	63	42	47
Other	120	75	55	45
Operators by age group:				
Under 25 years	2	–	2	–
25 to 34 years	26	13	19	13
35 to 44 years	33	36	16	27
45 to 54 years	62	27	35	17
55 to 64 years	31	45	15	25
65 years and over	19	17	10	10
Average age	48.4	51.6	47.1	50.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	114	96	63	66
Not on farm operated	46	19	30	13
Not reported	13	23	4	13
Operators reporting days of work off farm:				
None	40	29	30	20
1 to 49 days	11	13	4	11
50 to 99 days	–	–	–	–
100 to 149 days	7	4	3	2
150 to 199 days	12	2	8	1
200 days or more	97	70	48	41

[1]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	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	88	161	53	411	49	137	30	395
Feed for livestock and poultry	132	446	104	342	79	399	73	324
Commercially mixed formula feeds	40	62	73	130	21	35	59	124
Animal health costs	122	30	(NA)	(NA)	65	24	41	12
Seeds, bulbs, plants, and trees	83	39	53	19	43	25	36	16
Commercial fertilizer	100	60	76	79	56	48	55	73
Other agricultural chemicals including lime	83	28	73	16	49	23	52	14
Hired farm labor	48	188	55	153	33	170	43	130
Contract labor	15	10	8	15	9	9	4	10
Customwork, machine hire, and rental of machinery and equipment	50	29	77	37	37	26	55	32
Energy and petroleum products	175	232	(NA)	(NA)	97	192	(NA)	(NA)
Petroleum products	175	210	142	168	97	177	94	146
Gasoline	171	146	(NA)	(NA)	95	124	90	110
Diesel fuel	89	36	(NA)	(NA)	57	30	39	22
LP gas, butane, and propane	12	6	(NA)	(NA)	8	6	8	3
Fuel oil	1	(D)	(NA)	(NA)	1	(D)		
Natural gas	6	(D)	(NA)	(NA)	6	(D)	94	12
Kerosene, motor oil, and grease	175	17	(NA)	(NA)	97	13		
Electricity	70	18	(NA)	(NA)	42	12	(NA)	(NA)
Other—coal, wood, coke, etc.	41	5	(NA)	(NA)	29	3	(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	93	3 497	49	2 717	55	1 998
Cropland fertilized, except pasture	90	3 331	48	2 580	(NA)	1 928
Pasture and rangeland fertilized	14	166	7	137	(NA)	70
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	80	3 035	46	2 295	(NA)	2 496
Nematodes in crops	2	(D)	2	(D)	–	–
Diseases in crops and orchards	6	12	–	–	1	(D)
Weeds, grass, or brush in crops and pasture	36	894	26	803	(NA)	609
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	43	1	(D)	–	–
Insect control on livestock and poultry	42	(X)	27	(X)	4	(X)
Sanitation and rodent and bird control	19	(X)	9	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	175	138	97	92
$1,000	3 991	3 061	2 987	2 322
Average per farm — dollars	22 803	22 181	30 794	25 239
Farms by value group:				
$1 to $4,999	29	14	14	8
$5,000 to $9,999	41	20	6	10
$10,000 to $19,999	39	47	31	31

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	29	28	18	24
$30,000 to $49,999	17	20	12	10
$50,000 to $69,999	11	3	7	3
$70,000 to $99,999	3	6	3	6
$100,000 to $199,999	4		4	
$200,000 or more	2		2	

	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	120	154	72	85	57	69	102	138	74
Motortrucks including pickups	160	355	86	118	121	237	126	247	83
Wheel tractors	163	280	30	34	152	246	127	260	52
Grain and bean combines, self-propelled only	17	17	3	3	14	14	5	5	–
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	67	68	19	19	48	49	43	43	13
Pickup balers	90	98	22	22	70	76	90	95	25
Field forage harvesters, shear bar or flywheel type	24	25	5	5	19	20	23	23	6

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	48	14	(X)	44	(X)	33	43
Workers	159	(X)	25	(X)	134	118	191
Farms with—							
1 worker	13	9	9	12	12	8	20
2 workers	10	1	(D)	16	32	6	7
3 or 4 workers	16	3	9	8	29	13	6
5 to 9 workers	8	1	(D)	7	(D)	5	4
10 workers or more	1	–	–	1	(D)	1	6

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	160	(X)	132	(X)	92	(X)	88	(X)
Any cattle, hogs, or sheep	142	(X)	125	(X)	86	(X)	85	(X)
Sales:								
Any livestock or poultry and their products $1,000	143	1 934	128	1 224	91	1 814	88	1 146
Any cattle, hogs, or sheep $1,000	134	1 901	125	(NA)	89	1 790	87	1 106
CATTLE AND CALVES								
Inventory:								
Cattle and calves	120	10 606	108	14 997	76	9 150	73	13 765
Cows and heifers that had calved	108	6 431	96	6 843	70	5 586	66	6 226
Beef cows	103	6 408	90	6 790	67	5 570	66	6 202
Milk cows	17	23	23	53	11	16	10	24
Heifers and heifer calves	86	2 190	(NA)	(NA)	56	1 887	56	2 778
Steers, steer calves, bulls and bull calves	104	1 985	(NA)	(NA)	70	1 677	68	4 761
Sales:								
Cattle and calves	103	5 431	105	3 875	77	5 041	75	3 518
$1,000	(X)	1 598	(X)	(NA)	(X)	1 502	(X)	805
Calves	69	2 362	(NA)	(NA)	47	2 035	40	1 157
$1,000	(X)	509	(X)	(NA)	(X)	434	(X)	150
Cattle	77	3 069	(NA)	(NA)	63	3 006	50	2 361
$1,000	(X)	1 090	(X)	(NA)	(X)	1 068	(X)	655
Fattened cattle	6	(D)	(NA)	(NA)	2	(D)	22	213
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	66
Dairy products $1,000	–	–	(NA)	(NA)	–	–	1	(D)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	28	255	36	519	16	195	25	368
Used or to be used for breeding	15	55	(NA)	(NA)	10	35	19	32
Other hogs and pigs	27	200	(NA)	(NA)	15	160	25	336
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	15	52	28	69	10	38	19	44
Dec. 1 of preceding year and May 31	10	24	24	33	6	15	19	23
June 1 and Nov. 30	8	28	27	36	5	23	18	21
Sheep and lambs	46	4 048	43	15 871	21	3 675	23	15 539
Ewes 1 year old or older	42	2 825	(NA)	(NA)	20	2 620	22	11 322
Goats	4	14	(NA)	(NA)	–	–	2	(D)
Horses and ponies	97	410	74	346	61	287	48	256
Sales:								
Hogs and pigs	17	222	36	683	10	157	26	503
$1,000	(X)	(D)	(X)	(NA)	(X)	10	(X)	15
Feeder pigs	4	66	18	196	2	(D)	16	(D)
$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)	1
Sheep and lambs	43	4 412	38	10 396	23	4 225	22	10 189
Sheep and lambs shorn	40	3 603	(NA)	(NA)	21	3 383	21	12 153
Pounds of wool	(X)	40 471	(X)	(NA)	(X)	38 363	(X)	125 192
Sheep, lambs, and wool $1,000	46	291	(NA)	(NA)	23	279	22	286
Goats	2	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	13	22	7	9	7	14	2	(D)
$1,000	(X)	12	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	34	(X)	27	(X)	16	(X)	13	(X)
Chickens 3 months old or older	29	3 245	27	3 683	14	(D)	13	3 376
Hens and pullets of laying age	29	(D)	26	3 618	14	(D)	13	3 348
Pullets 3 months old or older	7	(D)	(NA)	(NA)	4	(D)	–	–
Pullet chicks and pullets under 3 months old	5	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	5	92	3	215	5	92	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	15	(X)	(NA)	(X)	8	(X)	2	(X)
Sales:								
Any poultry	7	(X)	2	(X)	5	(X)	1	(X)
Chickens 3 months old or older	2	(D)	1	(D)	1	(D)	1	(D)
Hens and pullets of laying age	1	(D)	1	(D)	1	(D)	1	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	1	(D)	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	4	(D)	4	(D)	2	(D)	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	23	723	(X)	23	723	17	553	(X)	17	553
	1974	23	681	(X)	(NA)	(NA)	21	(D)	(X)	21	601
For grain or seed (bushels)	1978	3	(D)	1 340	3	(D)	1	(D)	(D)	1	(D)
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	20	(D)	10 294	20	(D)	16	(D)	8 284	16	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	554	8 270	19	554
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	22	245	10 049	21	205	16	211	8 793	15	171
	1974	51	570	21 755	(NA)	(NA)	37	472	18 300	35	466
Oats for grain (bushels)	1978	46	486	25 246	44	443	26	396	20 204	25	356
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	38	302	14 044	36	290
Barley for grain (bushels)	1978	18	194	9 078	16	151	11	114	5 188	10	74
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	21	225	12 116	19	219
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	11	364	4	11	3	(D)	(D)	3	(D)
	1974	3	6	715	(NA)	(NA)	2	(D)	(D)	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	–	1	(D)
Hay crops (tons, dry) (see text)	1978	136	5 812	16 515	131	5 703	73	4 489	13 219	72	4 449
	1974	114	6 117	15 356	(NA)	(NA)	69	4 816	12 134	66	4 318
Alfalfa hay (tons, dry)	1978	128	4 974	14 472	124	4 890	71	3 943	11 908	70	3 903
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	67	4 241	10 969	64	3 753
Other tame dry hay (tons, dry) (see text)	1978	9	109	239	7	84	3	63	94	3	63
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	3	3	(X)	3	3	2	(D)	(X)	2	(D)
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	7	18	(X)	7	18	2	(D)	(X)	2	(D)
	1974	5	12	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Apples (pounds)	1978	5	8	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	28	41 413	27	36 544	26	(D)	19	35 960
Average size of farm	(X)	1 479	(X)	1 353	(X)	1 590	(X)	1 893
Approximate land area	(X)	436 480	(X)	436 480	(X)	436 480	(X)	436 480
Proportion in farms ... percent	(X)	9.5	(X)	8.4	(X)	9.5	(X)	8.2
Value of land and buildings:[1]								
Average per farm ... dollars	352 156	(X)	203 519	(X)	375 604	(X)	279 158	(X)
Average per acre ... dollars	(X)	238	(X)	150	(X)	236	(X)	147
Land in farms according to use:								
Total cropland	25	6 967	24	8 481	23	(D)	18	8 078
Harvested cropland	21	4 389	23	6 534	20	(D)	18	6 374
By acres harvested:								
1 to 9 acres	–	–	–	(NA)	–	–	–	(NA)
10 to 19 acres	–	–	1	(NA)	–	–	–	(NA)
20 to 29 acres	2	(D)	–	(NA)	1	(D)	–	(NA)
30 to 49 acres	4	158	8	(NA)	4	158	4	(NA)
50 to 99 acres	4	248	–	(NA)	4	248	–	(NA)
100 to 199 acres	2	(D)	5	(NA)	2	(D)	5	(NA)
200 to 499 acres	7	2 119	7	(NA)	7	2 119	7	(NA)
500 to 999 acres	2	(D)	–	(NA)	2	(D)	–	(NA)
1,000 acres or more	–	–	2	(NA)	–	–	2	(NA)
Cropland used only for pasture	14	2 409	16	1 947	13	(D)	10	1 704
Other cropland	5	169	–	–	4	(D)	–	–
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	1	(D)	(NA)	(NA)	–	–	–	–
Cropland on which all crops failed	2	(D)	(NA)	(NA)	1	(D)	–	–
Cropland in cultivated summer fallow	–	–	(NA)	(NA)	–	–	–	–
Cropland idle	3	120	(NA)	(NA)	3	120	–	–
Total woodland	6	1 147	3	721	6	1 147	3	721
Woodland pastured	6	1 147	(NA)	(NA)	6	1 147	3	721
Woodland not pastured	–	–	(NA)	(NA)	–	–	–	–
Other land	24	33 299	24	27 342	22	(D)	18	27 161
Pastureland and rangeland, other than cropland and woodland pastured	18	32 619	(NA)	(NA)	18	32 619	13	26 605
Land in house lots, ponds, roads, wasteland, etc	18	680	(NA)	(NA)	16	(D)	14	556
Pastureland, all types	26	36 175	(NA)	(NA)	25	(D)	(NA)	29 030
Irrigated land	23	9 549	24	7 566	22	(D)	18	7 266
Harvested cropland irrigated	21	(D)	(NA)	(NA)	20	(D)	18	6 098
Pastureland irrigated	20	(D)	(NA)	(NA)	19	(D)	(NA)	1 168
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	–	–	(X)	(X)	–	–	(X)	(X)

[1]1978 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]	28	827	27	692	26	(D)	19	682
Average per farm ... dollars	(X)	29 551	(X)	25 630	(X)	31 783	(X)	35 895
Farms by value of agricultural products sold:[1]								
$100,000 or more	1	(D)	2	(NA)	1	(D)	2	(NA)
$40,000 to $99,999	8	507	2	(NA)	8	507	2	(NA)
$20,000 to $39,999	3	101	3	(NA)	3	101	3	(NA)
$10,000 to $19,999	4	63	3	(NA)	4	63	3	(NA)
$5,000 to $9,999	3	19	2	(NA)	3	19	2	(NA)
$2,500 to $4,999	7	24	5	(NA)	7	24	5	(NA)
Less than $2,500 (see text)	2	(D)	10	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	–	–	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	–	–	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	3	6	7	164	3	6	(NA)	(D)
Grains	1	(D)	(NA)	(NA)	1	(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	2	(D)	(NA)	(NA)	2	(D)	5	(D)
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	–	–	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	27	822	22	528	26	(D)	17	(D)
Poultry and poultry products	1	(D)	–	–	1	(D)	–	–
Dairy products	–	–	(NA)	(NA)	–	–	–	–
Cattle and calves	25	797	(NA)	(NA)	24	(D)	16	332
Hogs and pigs	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Sheep, lambs, and wool	6	(D)	(NA)	(NA)	6	(D)	8	187
Other livestock and livestock products (see text)	–	–	(NA)	(NA)	–	–	2	(D)

[1]1974 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	28	27	41 413	21	31 503	4 389	23	39 535	4 389	9 549
Farms with—										
1 to 9 acres	1	2	(D)	–	–	–	–	–	–	–
10 to 49 acres	2	1	(D)	–	–	–	1	(D)	(D)	(D)
50 to 69 acres	3	2	181	2	(D)	(D)	2	(D)	(D)	(D)
70 to 99 acres	2	2	(D)	2	(D)	(D)	2	(D)	(D)	(D)
100 to 139 acres	–	2	–	–	–	–	–	–	–	–
140 to 179 acres	–	1	–	–	–	–	–	–	–	–
180 to 219 acres	–	2	–	–	–	–	–	–	–	–
220 to 259 acres	3	1	703	3	703	165	3	703	165	335
260 to 499 acres	2	3	(D)	2	(D)	(D)	2	(D)	(D)	(D)
500 to 999 acres	5	2	(D)	3	(D)	(D)	3	(D)	(D)	(D)
1,000 to 1,999 acres	5	4	7 917	5	7 917	1 469	5	7 917	1 469	2 744
2,000 acres or more	5	5	27 985	4	(D)	1 940	5	27 985	1 940	4 680

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	28	41 413	27	36 544	26	(D)	19	35 960
Harvested cropland	21	4 389	23	6 534	20	(D)	18	6 374
Tenure of operator:								
Full owners	20	24 095	14	12 954	18	(D)	8	(D)
Harvested cropland	13	2 404	(NA)	2 159	12	(D)	(NA)	2 079
Part owners	8	17 318	9	23 328	8	17 318	9	23 328
Harvested cropland	8	1 985	(NA)	4 215	8	1 985	(NA)	4 215
Tenants	–	–	4	262	–	–	2	(D)
Harvested cropland	–	–	(NA)	160	–	–	(NA)	80
Type of organization:								
Individual or family	21	24 872	(NA)	(NA)	19	(D)	13	14 345
Partnership	3	10 996	(NA)	(NA)	3	10 996	3	16 335
Corporation	4	5 545	(NA)	(NA)	4	5 545	3	5 280
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	19	9	19	9
Other	9	15	7	7
Operators by age group:				
Under 25 years	2	–	2	–
25 to 34 years	1	–	1	–
35 to 44 years	6	5	6	2
45 to 54 years	4	2	4	2
55 to 64 years	7	10	6	6
65 years and over	8	7	7	6
Average age	53.6	56.7	53.0	59.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	19	13	18	10
Not on farm operated	7	8	7	4
Not reported	2	3	1	2
Operators reporting days of work off farm:				
None	16	3	15	3
1 to 49 days	2	–	2	–
50 to 99 days	–	2	–	2
100 to 149 days	2	–	2	–
150 to 199 days	2	3	1	–
200 days or more	5	12	5	7

[1]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	16	124	14	31	15	(D)	10	31
Feed for livestock and poultry	25	116	17	52	23	(D)	14	48
Commercially mixed formula feeds	3	22	12	22	3	22	10	(D)
Animal health costs	23	11	(NA)	(NA)	21	(D)	12	7
Seeds, bulbs, plants, and trees	7	5	6	2	7	5	5	(D)
Commercial fertilizer	16	32	10	10	15	(D)	8	(D)
Other agricultural chemicals including lime	7	10	2	(Z)	7	10	1	(Z)
Hired farm labor	15	98	6	57	15	98	6	57
Contract labor	3	2	1	(D)	3	2	1	(D)
Customwork, machine hire, and rental of machinery and equipment	8	4	7	8	7	(D)	6	(D)
Energy and petroleum products	28	87	(NA)	(NA)	26	(D)	(NA)	(NA)
Petroleum products	28	78	26	39	26	(D)	19	38
Gasoline	28	56	(NA)	(NA)	26	(D)	19	29
Diesel fuel	16	18	(NA)	(NA)	16	18	13	5
LP gas, butane, and propane	4	(D)	(NA)	(NA)	4	1	3	1
Fuel oil	1	(D)	(NA)	(NA)	1	(D)		
Natural gas	–	–	(NA)	(NA)	–	–	19	3
Kerosene, motor oil, and grease	28	4	(NA)	(NA)	26	(D)		
Electricity	22	7	(NA)	(NA)	21	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	7	2	(NA)	(NA)	7	2	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	14	1 628	13	(D)	8	405
Cropland fertilized, except pasture	13	1 148	12	(D)	(NA)	380
Pasture and rangeland fertilized	5	480	5	480	(NA)	25
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	2	(D)	2	(D)	(NA)	–
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	7	1 080	7	1 080	(NA)	40
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	6	(X)	5	(X)	–	(X)
Sanitation and rodent and bird control	3	(X)	2	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	28	24	26	17
— $1,000	741	589	(D)	533
Average per farm — dollars	26 458	24 542	27 878	31 353
Farms by value group:				
$1 to $4,999	5	1	5	1
$5,000 to $9,999	8	5	6	–
$10,000 to $19,999	6	6	6	4

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	2	3	2	3
$30,000 to $49,999	2	6	2	6
$50,000 to $69,999	1	2	1	2
$70,000 to $99,999	1	1	1	1
$100,000 to $199,999	3		3	
$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	15	22	9	10	7	12	16	26	18
Motortrucks including pickups	24	46	13	17	16	29	18	39	20
Wheel tractors	25	57	5	5	24	52	22	59	13
Grain and bean combines, self-propelled only	1	(D)	–	–	1	(D)	2	(D)	–
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	11	11	6	6	5	5	4	4	1
Pickup balers	12	14	7	7	7	7	14	15	4
Field forage harvesters, shear bar or flywheel type	2	(D)	1	(D)	1	(D)	1	(D)	1

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	15	7	(X)	11	(X)	15	6
Workers	43	(X)	12	(X)	31	43	25
Farms with—							
1 worker	6	5	(D)	4	(D)	6	2
2 workers	3	–	–	3	6	3	1
3 or 4 workers	4	2	(D)	3	11	4	–
5 to 9 workers	1	–	–	–	–	1	3
10 workers or more	1	–	–	1	(D)	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	27	(X)	24	(X)	25	(X)	17	(X)
Any cattle, hogs, or sheep	27	(X)	20	(X)	25	(X)	15	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	27	822	22	528	26	(D)	17	(D)
Any cattle, hogs, or sheep ... $1,000	27	822	22	(NA)	26	(D)	17	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	26	3 745	19	4 142	24	(D)	14	3 975
Cows and heifers that had calved	23	2 543	16	2 645	21	(D)	13	2 598
Beef cows	22	2 531	16	2 634	20	(D)	13	(D)
Milk cows	7	12	7	11	7	12	5	(D)
Heifers and heifer calves	19	442	(NA)	(NA)	17	(D)	12	593
Steers, steer calves, bulls and bull calves	24	760	(NA)	(NA)	22	(D)	13	784
Sales:								
Cattle and calves	25	2 601	21	2 550	24	(D)	16	2 496
$1,000	(X)	797	(X)	(NA)	(X)	(D)	(X)	332
Calves	14	1 621	(NA)	(NA)	14	1 621	12	1 693
$1,000	(X)	465	(X)	(NA)	(X)	465	(X)	203
Cattle	20	980	(NA)	(NA)	19	(D)	14	803
$1,000	(X)	332	(X)	(NA)	(X)	(D)	(X)	128
Fattened cattle	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Dairy products ... $1,000	–	–	(NA)	(NA)	–	–	–	–
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	2	(D)	2	(D)	2	(D)	2	(D)
Used or to be used for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other hogs and pigs	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	1	(D)	1	(D)	1	(D)	1	(D)
Dec. 1 of preceding year and May 31	1	(D)	–	–	1	(D)	–	–
June 1 and Nov. 30	1	(D)	1	(D)	1	(D)	1	(D)
Sheep and lambs	6	562	8	6 330	6	562	8	6 330
Ewes 1 year old or older	6	332	(NA)	(NA)	6	332	8	4 687
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	19	100	14	71	18	(D)	9	64
Sales:								
Hogs and pigs	1	(D)	1	(D)	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	1	(D)	–	–	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	6	494	8	6 137	6	494	8	6 137
Sheep and lambs shorn	6	417	(NA)	(NA)	6	417	8	5 423
Pounds of wool	(X)	3 476	(X)	(NA)	(X)	3 476	(X)	63 139
Sheep, lambs, and wool ... $1,000	6	(D)	(NA)	(NA)	6	(D)	8	187
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	–	–	2	(D)	–	–	2	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(D)
POULTRY								
Inventory:								
Any poultry	6	(X)	5	(X)	6	(X)	4	(X)
Chickens 3 months old or older	6	144	5	164	6	144	4	(D)
Hens and pullets of laying age	6	(D)	5	162	6	(D)	4	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	2	(D)	2	(D)	2	(D)
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	1	(D)
Other poultry	2	(X)	(NA)	(X)	2	(X)	1	(X)
Sales:								
Any poultry	–	(X)	–	(X)	–	(X)	–	(X)
Chickens 3 months old or older	–	–	–	–	–	–	–	–
Hens and pullets of laying age	–	–	–	–	–	–	–	–
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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products ... $1,000	1	(D)	–	–	1	(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	–	–	(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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	4	89	6 150	4	89	4	89	6 150	4	89
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	1	(D)
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
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	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	21	4 317	5 769	21	4 317	20	(D)	(D)	20	(D)
	1974	23	6 494	13 182	(NA)	(NA)	18	6 334	13 038	18	6 098
Alfalfa hay (tons, dry)	1978	10	1 628	2 995	10	1 628	10	1 628	2 995	10	1 628
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	2 713	7 034	15	2 713
Other tame dry hay (tons, dry) (see text)	1978	5	470	535	5	470	5	470	535	5	470
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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	–	–	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	565	94 151	581	120 441	360	88 477	346	110 190
Average size of farm	(X)	167	(X)	207	(X)	246	(X)	318
Approximate land area	(X)	190 080	(X)	190 080	(X)	190 080	(X)	190 080
Proportion in farms ... percent	(X)	49.5	(X)	63.4	(X)	46.5	(X)	58.0
Value of land and buildings:[1]								
Average per farm ... dollars	355 138	(X)	142 756	(X)	473 617	(X)	187 636	(X)
Average per acre ... dollars	(X)	2 087	(X)	689	(X)	1 869	(X)	589
Land in farms according to use:								
Total cropland	546	34 497	566	33 095	349	(D)	339	27 275
Harvested cropland	504	23 144	531	23 237	328	20 893	324	20 611
By acres harvested:								
1 to 9 acres	156	707	150	(NA)	55	225	58	(NA)
10 to 19 acres	92	1 235	133	(NA)	40	570	57	(NA)
20 to 29 acres	51	1 186	59	(NA)	42	990	37	(NA)
30 to 49 acres	71	2 638	61	(NA)	63	2 376	51	(NA)
50 to 99 acres	70	4 931	68	(NA)	66	4 646	62	(NA)
100 to 199 acres	44	6 210	38	(NA)	43	(D)	37	(NA)
200 to 499 acres	18	(D)	19	(NA)	17	(D)	19	(NA)
500 to 999 acres	2	(D)	3	(NA)	2	(D)	3	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	249	(D)	250	8 594	169	(D)	137	5 615
Other cropland	80	(D)	70	1 264	56	(D)	48	1 049
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	21	235	(NA)	(NA)	16	187	13	200
Cropland on which all crops failed	21	184	(NA)	(NA)	12	(D)	10	70
Cropland in cultivated summer fallow	12	(D)	(NA)	(NA)	11	(D)	4	517
Cropland idle	41	1 090	(NA)	(NA)	31	985	22	262
Total woodland	12	660	14	363	5	(D)	4	262
Woodland pastured	6	(D)	(NA)	(NA)	3	(D)	–	–
Woodland not pastured	8	(D)	(NA)	(NA)	4	(D)	4	262
Other land	326	58 994	340	86 983	206	57 233	207	82 653
Pastureland and rangeland, other than cropland and woodland pastured	108	56 125	(NA)	(NA)	83	55 630	86	80 327
Land in house lots, ponds, roads, wasteland, etc	284	2 869	(NA)	(NA)	175	1 603	170	2 326
Pastureland, all types	317	65 972	(NA)	(NA)	215	64 035	(NA)	85 942
Irrigated land	515	31 693	481	24 892	338	29 292	322	22 138
Harvested cropland irrigated	476	21 509	(NA)	(NA)	317	19 552	308	18 633
Pastureland irrigated	197	10 019	(NA)	(NA)	137	9 608	(NA)	3 488
Other land irrigated	22	165	(NA)	(NA)	14	132	8	17
Land set aside in the federal farm programs in 1978	14	70	(X)	(X)	13	(D)	(X)	(X)

[1]1978 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]	565	18 806	581	18 554	360	18 375	346	18 194
Average per farm ... dollars	(X)	33 285	(X)	31 935	(X)	51 043	(X)	52 584
Farms by value of agricultural products sold:[1]								
$100,000 or more	42	12 303	32	(NA)	42	12 303	32	(NA)
$40,000 to $99,999	49	3 140	54	(NA)	49	3 140	54	(NA)
$20,000 to $39,999	42	1 225	34	(NA)	42	1 225	34	(NA)
$10,000 to $19,999	60	865	58	(NA)	60	865	58	(NA)
$5,000 to $9,999	77	519	76	(NA)	77	519	76	(NA)
$2,500 to $4,999	90	324	82	(NA)	90	324	82	(NA)
Less than $2,500 (see text)	200	240	240	(NA)	(X)	(X)	10	(NA)
$2,000 to $2,499	37	82	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	47	80	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	50	60	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	66	18	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	190	5	(NA)	(X)	(X)	(X)	(X)
Crops	360	8 102	420	6 681	252	7 830	(NA)	6 434
Grains	160	557	(NA)	(NA)	127	517	151	576
Commodity Credit Corporation loans	12	11	(NA)	(NA)	11	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	189	795	(NA)	(NA)	130	663	112	627
Vegetables, sweet corn, and melons	109	2 821	(NA)	(NA)	94	2 761	75	1 568
Fruits, nuts, and berries	50	131	(NA)	(NA)	23	109	33	291
Nursery and greenhouse products	27	3 080	29	2 196	24	3 077	18	2 187
Other crops	46	717	(NA)	(NA)	43	703	60	1 185
Livestock, poultry, and their products	340	10 704	336	11 871	242	10 545	221	11 759
Poultry and poultry products	24	5	21	2 406	12	4	13	2 405
Dairy products	37	2 604	(NA)	(NA)	31	2 599	36	2 310
Cattle and calves	267	7 844	(NA)	(NA)	200	7 723	197	6 656
Hogs and pigs	27	62	(NA)	(NA)	17	58	18	71
Sheep, lambs, and wool	49	53	(NA)	(NA)	32	44	26	218
Other livestock and livestock products (see text)	70	137	(NA)	(NA)	45	118	24	99

[1]1974 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	565	581	94 151	504	47 393	23 144	515	92 249	22 777	31 693
Farms with—										
1 to 9 acres	139	96	655	101	520	398	114	596	371	503
10 to 49 acres	218	265	5 427	199	5 008	3 330	201	5 039	3 140	3 658
50 to 69 acres	43	50	2 450	43	2 450	1 635	43	2 450	1 635	1 738
70 to 99 acres	36	38	3 017	35	2 927	2 236	35	2 927	2 206	2 308
100 to 139 acres	36	42	4 151	36	4 151	2 406	35	4 047	2 370	2 687
140 to 179 acres	29	22	4 580	27	4 266	2 892	25	3 969	2 855	2 707
180 to 219 acres	14	14	2 739	14	2 739	1 348	13	2 539	1 311	1 878
220 to 259 acres	7	10	1 647	7	1 647	800	7	1 647	800	937
260 to 499 acres	23	20	8 306	23	8 306	3 287	22	7 856	3 277	4 424
500 to 999 acres	16	15	10 129	16	10 129	4 211	16	10 129	4 211	6 328
1,000 to 1,999 acres	2	5	(D)	2	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	2	4	(D)	1	(D)	(D)	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	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	565	94 151	581	120 441	360	88 477	346	110 190
Harvested cropland	504	23 144	531	23 237	328	20 893	324	20 611
Tenure of operator:								
Full owners	328	62 626	346	20 194	166	58 690	158	11 727
Harvested cropland	277	7 118	(NA)	7 200	141	5 368	(NA)	5 260
Part owners	195	27 814	185	93 415	161	26 159	152	92 000
Harvested cropland	186	13 788	(NA)	13 350	154	13 336	(NA)	12 794
Tenants	42	3 711	50	6 832	33	3 628	36	6 463
Harvested cropland	41	2 238	(NA)	2 687	33	2 189	(NA)	2 557
Type of organization:								
Individual or family	465	28 895	(NA)	(NA)	280	24 416	299	46 306
Partnership	69	14 331	(NA)	(NA)	58	14 040	36	(D)
Corporation	19	49 487	(NA)	(NA)	16	49 291	10	56 191
Other—cooperative, estate or trust, institutional, etc.	12	1 438	(NA)	(NA)	6	730	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	230	235	181	192
Other	335	330	179	143
Operators by age group:				
Under 25 years	1	2	1	–
25 to 34 years	28	21	18	15
35 to 44 years	98	104	55	65
45 to 54 years	165	143	108	81
55 to 64 years	158	152	105	102
65 years and over	115	143	73	72
Average age	54.2	55.3	54.4	54.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	391	356	244	215
Not on farm operated	117	96	78	55
Not reported	57	113	38	65
Operators reporting days of work off farm:				
None	184	154	133	119
1 to 49 days	33	30	22	24
50 to 99 days	9	13	6	4
100 to 149 days	24	26	15	10
150 to 199 days	27	50	20	18
200 days or more	270	241	151	120

[1]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	191	3 328	236	3 725	125	3 274	140	3 676
Feed for livestock and poultry	313	2 470	311	5 891	196	2 415	180	5 815
Commercially mixed formula feeds	86	702	178	3 806	64	696	119	3 782
Animal health costs	286	90	(NA)	(NA)	186	80	157	66
Seeds, bulbs, plants, and trees	310	806	351	798	230	788	246	782
Commercial fertilizer	322	522	366	433	247	500	246	402
Other agricultural chemicals including lime	286	189	228	121	210	175	174	117
Hired farm labor	280	1 677	264	1 434	202	1 610	194	1 392
Contract labor	46	117	37	103	41	116	34	102
Customwork, machine hire, and rental of machinery and equipment	308	270	351	256	214	243	226	225
Energy and petroleum products	564	1 016	(NA)	(NA)	359	975	(NA)	(NA)
Petroleum products	564	829	570	543	359	792	342	498
Gasoline	548	412	(NA)	(NA)	345	383	330	277
Diesel fuel	232	161	(NA)	(NA)	197	157	192	96
LP gas, butane, and propane	29	(D)	(NA)	(NA)	29	(D)	36	12
Fuel oil	22	(D)	(NA)	(NA)	21	(D)		
Natural gas	49	183	(NA)	(NA)	49	183	339	113
Kerosene, motor oil, and grease	564	59	(NA)	(NA)	359	55		
Electricity	270	182	(NA)	(NA)	212	179	(NA)	(NA)
Other—coal, wood, coke, etc.	22	4	(NA)	(NA)	17	4	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	312	13 933	237	12 973	247	10 827
Cropland fertilized, except pasture	311	13 051	237	12 126	(NA)	10 376
Pasture and rangeland fertilized	60	882	52	847	(NA)	451
Lime	1	(D)	1	(D)	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	175	6 056	131	5 670	(NA)	4 568
Nematodes in crops	28	1 291	27	(D)	19	489
Diseases in crops and orchards	52	700	36	623	9	356
Weeds, grass, or brush in crops and pasture	150	7 347	114	6 613	(NA)	2 720
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	12	211	12	211	5	11
Insect control on livestock and poultry	87	(X)	62	(X)	26	(X)
Sanitation and rodent and bird control	56	(X)	31	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	564	555	359	334
$1,000	11 989	9 633	10 570	7 477
Average per farm — dollars	21 257	17 357	29 443	22 386
Farms by value group:				
$1 to $4,999	127	110	47	50
$5,000 to $9,999	188	158	95	65
$10,000 to $19,999	105	119	75	70

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	27	75	27	65
$30,000 to $49,999	47	63	46	57
$50,000 to $69,999	28	13	28	10
$70,000 to $99,999	24	17	24	17
$100,000 to $199,999	15		14	
$200,000 or more	3		3	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	304	495	164	192	218	303	396	544	276
Motortrucks including pickups	485	899	164	230	409	669	498	871	243
Wheel tractors	473	922	108	169	444	753	492	886	195
Grain and bean combines, self-propelled only	34	38	6	8	30	30	10	10	2
Corn heads for combines	24	30	2	(D)	24	(D)	5	5	1
Other cornpickers and picker-shellers	17	45	2	(D)	17	(D)	4	4	3
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	123	125	36	37	88	88	98	103	29
Pickup balers	140	154	40	41	102	113	172	181	46
Field forage harvesters, shear bar or flywheel type	67	82	20	24	48	58	75	82	25

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Farms	280	80	(X)	255	(X)	202	194
Workers	2 206	(X)	286	(X)	1 920	1 903	3 389
Farms with—							
1 worker	58	28	28	47	47	29	41
2 workers	62	22	44	58	116	44	23
3 or 4 workers	35	13	47	33	122	35	21
5 to 9 workers	61	13	81	68	419	37	33
10 workers or more	64	4	86	49	1 216	57	76

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	398	(X)	369	(X)	262	(X)	220	(X)
Any cattle, hogs, or sheep	317	(X)	340	(X)	222	(X)	204	(X)
Sales:								
Any livestock or poultry and their products $1,000	340	10 704	336	11 871	242	10 545	221	11 759
Any cattle, hogs, or sheep $1,000	295	7 959	306	(NA)	216	7 825	209	6 945
CATTLE AND CALVES								
Inventory:								
Cattle and calves	290	25 348	324	24 429	207	24 567	195	22 610
Cows and heifers that had calved	211	8 988	235	10 359	152	8 735	144	9 606
Beef cows	168	6 432	157	7 520	124	6 215	101	6 841
Milk cows	68	2 556	101	2 839	49	2 520	56	2 765
Heifers and heifer calves	188	5 471	(NA)	(NA)	136	5 275	137	4 661
Steers, steer calves, bulls and bull calves	239	10 889	(NA)	(NA)	169	10 557	154	8 343
Sales:								
Cattle and calves	267	19 898	272	21 842	200	19 571	197	21 372
$1,000	(X)	7 844	(X)	(NA)	(X)	7 723	(X)	6 656
Calves	98	3 477	(NA)	(NA)	72	3 384	83	1 595
$1,000	(X)	839	(X)	(NA)	(X)	817	(X)	180
Cattle	235	16 421	(NA)	(NA)	181	16 187	162	19 777
$1,000	(X)	7 004	(X)	(NA)	(X)	6 907	(X)	6 476
Fattened cattle	78	9 202	(NA)	(NA)	64	9 134	37	7 160
$1,000	(X)	4 413	(X)	(NA)	(X)	4 377	(X)	3 117
Dairy products $1,000	37	2 604	(NA)	(NA)	31	2 599	36	2 310
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	38	536	46	919	23	423	29	813
Used or to be used for breeding	17	88	(NA)	(NA)	9	60	16	126
Other hogs and pigs	35	448	(NA)	(NA)	22	363	28	687
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	18	85	22	192	10	65	17	172
Dec. 1 of preceding year and May 31	12	41	18	96	7	31	15	88
June 1 and Nov. 30	11	44	20	96	6	34	16	84
Sheep and lambs	55	1 674	71	5 748	34	1 420	32	5 192
Ewes 1 year old or older	49	1 144	(NA)	(NA)	31	959	30	4 341
Goats	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Horses and ponies	205	1 174	157	703	121	650	92	473
Sales:								
Hogs and pigs	27	698	31	990	17	611	18	855
$1,000	(X)	62	(X)	(NA)	(X)	58	(X)	71
Feeder pigs	9	122	9	70	5	65	3	13
$1,000	(X)	3	(X)	(NA)	(X)	2	(X)	(Z)
Sheep and lambs	45	807	50	6 474	29	648	26	5 567
Sheep and lambs shorn	42	888	(NA)	(NA)	26	677	20	5 452
Pounds of wool	(X)	8 289	(X)	(NA)	(X)	6 628	(X)	63 133
Sheep, lambs, and wool $1,000	49	53	(NA)	(NA)	32	44	26	218
Goats	3	7	(NA)	(NA)	1	(D)	1	(D)
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	57	154	34	135	38	101	22	108
$1,000	(X)	133	(X)	(NA)	(X)	115	(X)	91
POULTRY								
Inventory:								
Any poultry	69	(X)	69	(X)	32	(X)	41	(X)
Chickens 3 months old or older	59	1 616	67	2 869	30	1 038	39	1 203
Hens and pullets of laying age	57	1 486	66	2 711	30	(D)	39	(D)
Pullets 3 months old or older	8	130	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	11	335	19	450	3	51	16	430
Turkeys	6	53	(NA)	(NA)	3	32	2	(D)
Turkeys for slaughter	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	24	(X)	(NA)	(X)	11	(X)	4	(X)
Sales:								
Any poultry	16	(X)	11	(X)	7	(X)	6	(X)
Chickens 3 months old or older	4	155	6	733	3	(D)	1	(D)
Hens and pullets of laying age	4	(D)	5	693	3	(D)	1	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	4	228	–	–	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	4	438 361
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	3	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	1	(D)
Other poultry	10	(X)	(NA)	(X)	4	(X)	1	(X)
Poultry and poultry products $1,000	24	5	21	2 406	12	4	13	2 405

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	127	3 910	(X)	127	3 910	112	3 728	(X)	112	3 728
	1974	142	3 577	(X)	(NA)	(NA)	125	3 430	(X)	123	3 406
For grain or seed (bushels)	1978	18	351	28 685	18	351	16	(D)	(D)	16	(D)
	1974	23	480	38 271	(NA)	(NA)	21	(D)	(D)	21	476
For silage or green chop (tons, green)	1978	112	3 559	67 708	112	3 559	99	(D)	64 985	99	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	112	2 930	55 621	112	2 930
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sorghums for all purposes	1978	3	47	(X)	3	47	1	(D)	(X)	1	(D)
	1974	4	34	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	91	1 476	92 960	86	1 308	77	1 365	86 634	72	1 197
	1974	176	2 284	118 177	(NA)	(NA)	130	1 987	105 651	110	1 542
Oats for grain (bushels)	1978	28	246	16 412	25	235	21	202	13 341	20	197
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	172	10 131	18	139
Barley for grain (bushels)	1978	125	2 382	166 232	115	2 021	103	2 192	154 670	95	1 862
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	86	2 018	91 789	77	1 681
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)	1	(D)	(X)	1	(D)
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	28	398	79 354	28	398	25	389	77 890	25	389
	1974	45	845	141 956	(NA)	(NA)	33	829	138 457	33	829
Sweetpototoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	359	10 419	36 969	330	9 348	243	9 029	32 785	229	8 192
	1974	365	10 457	33 696	(NA)	(NA)	235	8 798	29 014	229	7 661
Alfalfa hay (tons, dry)	1978	316	7 466	29 765	296	6 770	215	6 283	25 939	206	5 754
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	223	6 410	23 593	219	5 702
Other tame dry hay (tons, dry) (see text)	1978	39	468	1 128	33	352	24	406	1 029	20	297
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	6	(X)	1	(D)
Alfalfo seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	6	600	1	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	109	3 453	(X)	109	3 453	94	3 393	(X)	94	3 393
	1974	100	2 540	(X)	(NA)	(NA)	75	2 468	(X)	74	2 446
Sweet corn	1978	43	286	(X)	43	286	34	274	(X)	34	274
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	143	(X)	21	141
Tomatoes	1978	18	33	(X)	18	33	14	26	(X)	14	26
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	39	(X)	19	39
Green peas excluding cowpeas	1978	20	542	(X)	20	542	20	542	(X)	20	542
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	442	(X)	20	442
Land in orchards	1978	89	556	(X)	83	508	36	265	(X)	36	265
	1974	80	550	(X)	(NA)	(NA)	36	404	(X)	31	367
Apples (pounds)	1978	36	80	245 795	(NA)	(NA)	15	38	209 595	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	67	299 040	(NA)	(NA)
Peaches (pounds)	1978	56	113	258 240	(NA)	(NA)	25	65	222 370	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	111	749 706	(NA)	(NA)
Grapes (pounds) (see text)	1978	20	25	9 885	(NA)	(NA)	9	12	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	10	2	(X)	10	2	3	1	(X)	3	1
	1974	3	4	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	27	106	(X)	22	84	24	104	(X)	19	83
Other crops	1978	29	890	(X)	(NA)	(NA)	28	(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	590	388 904	534	396 025	469	365 771	402	377 430
Average size of farm	(X)	659	(X)	742	(X)	780	(X)	939
Approximate land area	(X)	2 083 200	(X)	2 083 200	(X)	2 083 200	(X)	2 083 200
Proportion in farms ... percent	(X)	18.7	(X)	19.0	(X)	17.6	(X)	18.1
Value of land and buildings:[1]								
Average per farm ... dollars	271 195	(X)	147 571	(X)	282 707	(X)	178 836	(X)
Average per acre ... dollars	(X)	419	(X)	199	(X)	376	(X)	190
Land in farms according to use:								
Total cropland	561	101 246	521	103 679	453	90 876	399	95 081
Harvested cropland	521	49 113	489	45 581	428	43 184	385	43 341
By acres harvested:								
1 to 9 acres	38	202	33	(NA)	15	69	10	(NA)
10 to 19 acres	47	681	46	(NA)	23	342	17	(NA)
20 to 29 acres	69	1 564	39	(NA)	47	1 078	22	(NA)
30 to 49 acres	89	3 329	99	(NA)	74	2 791	70	(NA)
50 to 99 acres	116	8 020	107	(NA)	109	(D)	101	(NA)
100 to 199 acres	99	13 311	105	(NA)	98	(D)	105	(NA)
200 to 499 acres	59	15 866	55	(NA)	59	15 866	55	(NA)
500 to 999 acres	3	(D)	4	(NA)	3	2 367	4	(NA)
1,000 acres or more	1	(D)	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	383	45 632	382	51 817	304	(D)	291	46 650
Other cropland	112	6 501	106	6 281	87	(D)	70	5 090
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	15	389	(NA)	(NA)	13	(D)	11	365
Cropland on which all crops failed	28	1 288	(NA)	(NA)	22	1 255	28	3 506
Cropland in cultivated summer fallow	18	989	(NA)	(NA)	13	(D)	17	273
Cropland idle	71	3 835	(NA)	(NA)	54	3 468	37	946
Total woodland	42	17 667	55	27 497	36	17 411	51	27 411
Woodland pastured	29	14 730	(NA)	(NA)	27	(D)	43	24 398
Woodland not pastured	18	2 937	(NA)	(NA)	14	(D)	12	3 013
Other land	445	269 991	405	264 849	357	257 484	321	254 938
Pastureland and rangeland, other than cropland and woodland pastured	255	247 170	(NA)	(NA)	226	236 235	210	219 800
Land in house lots, ponds, roads, wasteland, etc	360	22 821	(NA)	(NA)	284	21 249	264	35 138
Pastureland, all types	524	307 532	(NA)	(NA)	426	292 625	(NA)	290 848
Irrigated land	548	107 873	499	85 293	442	92 074	387	80 632
Harvested cropland irrigated	512	47 921	(NA)	(NA)	422	42 217	374	41 406
Pastureland irrigated	395	58 417	(NA)	(NA)	323	48 448	(NA)	38 354
Other land irrigated	36	1 535	(NA)	(NA)	29	1 409	14	872
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	2	(D)	(X)	(X)

[1] 1978 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]	590	14 050	534	8 181	469	13 333	402	8 036
Average per farm ... dollars	(X)	23 813	(X)	15 320	(X)	28 429	(X)	19 990
Farms by value of agricultural products sold:[1]								
$100,000 or more	28	4 622	6	(NA)	28	4 622	6	(NA)
$40,000 to $99,999	63	3 784	47	(NA)	63	3 784	47	(NA)
$20,000 to $39,999	88	2 484	79	(NA)	88	2 484	79	(NA)
$10,000 to $19,999	106	1 461	86	(NA)	106	1 461	86	(NA)
$5,000 to $9,999	82	611	101	(NA)	82	611	101	(NA)
$2,500 to $4,999	102	370	63	(NA)	102	370	63	(NA)
Less than $2,500 (see text)	119	(D)	150	(NA)	(X)	(X)	20	(NA)
$2,000 to $2,499	24	52	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	19	34	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	26	31	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	50	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	175	1 469	190	1 142	147	1 424	(NA)	1 108
Grains	79	327	(NA)	(NA)	76	325	87	334
Commodity Credit Corporation loans	2	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	130	1 059	(NA)	(NA)	105	1 017	95	758
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	2	(D)	3	14	2	(D)	3	14
Other crops	4	2	(NA)	(NA)	4	2	1	(D)
Livestock, poultry, and their products	514	12 581	481	7 039	421	11 909	377	6 929
Poultry and poultry products	14	16	18	15	13	(D)	7	14
Dairy products	65	3 112	(NA)	(NA)	64	(D)	85	2 321
Cattle and calves	453	7 528	(NA)	(NA)	387	6 891	371	3 742
Hogs and pigs	54	276	(NA)	(NA)	44	272	25	95
Sheep, lambs, and wool	104	1 518	(NA)	(NA)	89	1 503	106	711
Other livestock and livestock products (see text)	77	131	(NA)	(NA)	55	115	33	46

[1] 1974 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	590	534	388 904	521	374 534	49 113	548	382 547	48 544	107 873
Farms with—										
1 to 9 acres	19	7	39	2	(D)	(D)	4	16	(D)	14
10 to 49 acres	77	35	2 268	61	(D)	(D)	69	2 105	(D)	1 542
50 to 69 acres	20	18	1 178	15	881	346	16	931	346	669
70 to 99 acres	42	56	3 359	35	2 798	998	38	3 031	971	1 918
100 to 139 acres	57	50	6 648	54	6 286	2 287	55	6 396	2 287	4 084
140 to 179 acres	53	60	8 341	46	7 230	2 230	53	8 341	2 230	5 214
180 to 219 acres	35	30	6 967	29	5 776	1 862	33	6 567	1 862	3 725
220 to 259 acres	28	25	6 736	28	6 736	1 572	28	6 736	1 572	4 226
260 to 499 acres	125	102	44 810	120	43 013	12 986	124	44 410	12 881	26 348
500 to 999 acres	72	88	47 429	70	45 972	10 818	67	44 085	10 422	23 137
1,000 to 1,999 acres	38	39	48 057	38	48 057	5 348	37	46 857	5 346	13 407
2,000 acres or more	24	24	213 072	23	205 872	9 690	24	213 072	9 690	23 589

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	590	388 904	534	396 025	469	365 771	402	377 430
Harvested cropland	521	49 113	489	45 581	428	43 184	385	43 341
Tenure of operator:								
Full owners	371	138 882	333	203 500	275	130 346	226	189 592
Harvested cropland	316	20 336	(NA)	22 285	245	18 677	(NA)	20 633
Part owners	191	232 167	183	175 265	178	230 058	167	171 578
Harvested cropland	181	24 169	(NA)	21 530	168	23 776	(NA)	21 219
Tenants	28	17 855	18	17 260	16	5 367	9	16 260
Harvested cropland	24	4 608	(NA)	1 766	15	731	(NA)	1 489
Type of organization:								
Individual or family	501	242 114	(NA)	(NA)	389	231 626	352	242 239
Partnership	65	115 016	(NA)	(NA)	59	114 281	34	119 485
Corporation	17	19 028	(NA)	(NA)	17	19 028	16	15 706
Other—cooperative, estate or trust, institutional, etc.	7	12 746	(NA)	(NA)	4	836	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	326	324	296	279
Other	264	192	173	107
Operators by age group:				
Under 25 years	12	4	7	3
25 to 34 years	92	71	70	53
35 to 44 years	132	103	99	73
45 to 54 years	115	124	96	97
55 to 64 years	131	130	103	107
65 years and over	108	84	94	53
Average age	49.7	50.2	50.2	50.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	427	361	349	280
Not on farm operated	103	73	73	44
Not reported	60	82	47	62
Operators reporting days of work off farm:				
None	214	149	196	128
1 to 49 days	40	24	32	17
50 to 99 days	17	11	15	9
100 to 149 days	24	24	22	15
150 to 199 days	45	41	37	34
200 days or more	228	160	148	90

[1]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	265	1 913	249	1 176	220	1 708	194	1 130
Feed for livestock and poultry	421	2 341	429	1 805	338	2 261	344	1 746
Commercially mixed formula feeds	158	380	231	761	129	356	189	738
Animal health costs	474	174	(NA)	(NA)	385	162	253	76
Seeds, bulbs, plants, and trees	266	270	241	117	221	255	202	112
Commercial fertilizer	364	710	284	486	302	665	250	474
Other agricultural chemicals including lime	204	90	108	19	176	84	94	18
Hired farm labor	185	668	180	430	178	621	162	421
Contract labor	51	122	23	18	49	(D)	18	17
Customwork, machine hire, and rental of machinery and equipment	217	154	226	114	194	147	184	105
Energy and petroleum products	586	1 332	(NA)	(NA)	468	1 251	(NA)	(NA)
Petroleum products	586	1 091	532	652	468	1 023	402	619
Gasoline	563	722	(NA)	(NA)	456	668	393	445
Diesel fuel	364	227	(NA)	(NA)	308	220	274	112
LP gas, butane, and propane	98	(D)	(NA)	(NA)	97	(D)	71	19
Fuel oil	26	12	(NA)	(NA)	26	12		
Natural gas	23	(D)	(NA)	(NA)	23	(D)	402	43
Kerosene, motor oil, and grease	586	74	(NA)	(NA)	468	69		
Electricity	388	218	(NA)	(NA)	330	206	(NA)	(NA)
Other—coal, wood, coke, etc.	89	23	(NA)	(NA)	71	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
Commercial fertilizer	353	36 439	297	34 159	250	22 843
Cropland fertilized, except pasture	349	27 568	296	25 640	(NA)	15 901
Pasture and rangeland fertilized	145	8 871	130	8 519	(NA)	6 942
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	63	5 140	47	3 995	(NA)	2 497
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	155	9 445	155	9 445	(NA)	2 589
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	146	(X)	129	(X)	26	(X)
Sanitation and rodent and bird control	15	(X)	14	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	590	514	468	393
$1,000	17 816	10 716	16 790	9 589
Average per farm — dollars	30 197	20 848	35 877	24 399
Farms by value group:				
$1 to $4,999	90	48	58	20
$5,000 to $9,999	104	115	40	60
$10,000 to $19,999	118	140	106	110

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	80	91	67	87
$30,000 to $49,999	74	82	74	78
$50,000 to $69,999	59	28	59	28
$70,000 to $99,999	23	10	23	10
$100,000 to $199,999	29		28	
$200,000 or more	13		13	

	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	413	545	252	290	209	255	405	530	324
Motortrucks including pickups	487	860	292	359	318	501	468	747	406
Wheel tractors	500	900	159	187	435	713	432	819	201
Grain and bean combines, self-propelled only	52	52	4	4	48	48	39	40	8
Corn heads for combines	3	3	–	–	3	3	9	9	1
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	10	10	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	342	355	134	135	210	220	108	112	35
Pickup balers	355	375	131	133	236	242	343	356	138
Field forage harvesters, shear bar or flywheel type	106	110	41	45	65	65	78	83	41

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	185	72	(X)	150	(X)	178	162
Workers	994	(X)	190	(X)	804	932	547
Forms with—							
1 worker	50	21	21	44	44	50	49
2 workers	59	30	60	71	142	53	27
3 or 4 workers	52	12	42	21	75	52	55
5 to 9 workers	15	8	(D)	6	41	15	24
10 workers or more	9	1	(D)	8	502	8	7

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	535	(X)	482	(X)	429	(X)	373	(X)
Any cattle, hogs, or sheep	504	(X)	469	(X)	408	(X)	365	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	514	12 581	481	7 039	421	11 909	377	6 929
Any cattle, hogs, or sheep ... $1,000	495	9 322	473	(NA)	410	8 666	373	4 548
CATTLE AND CALVES								
Inventory:								
Cattle and calves	473	46 478	451	48 644	388	42 561	360	46 572
Cows and heifers that had calved	445	27 513	420	25 555	365	24 263	343	24 604
Beef cows	385	24 321	355	22 054	319	21 108	286	21 170
Milk cows	167	3 192	175	3 501	138	3 155	147	3 434
Heifers and heifer calves	391	9 974	(NA)	(NA)	329	9 643	297	10 624
Steers, steer calves, bulls and bull calves	401	8 991	(NA)	(NA)	350	8 655	304	11 344
Sales:								
Cattle and calves	453	25 050	450	22 045	387	22 500	371	21 557
$1,000	(X)	7 528	(X)	(NA)	(X)	6 891	(X)	3 742
Calves	318	14 490	(NA)	(NA)	277	12 288	230	10 875
$1,000	(X)	3 559	(X)	(NA)	(X)	3 025	(X)	1 211
Cattle	347	10 560	(NA)	(NA)	300	10 212	294	10 682
$1,000	(X)	3 969	(X)	(NA)	(X)	3 865	(X)	2 532
Fattened cattle	33	664	(NA)	(NA)	25	644	26	564
$1,000	(X)	270	(X)	(NA)	(X)	263	(X)	176
Dairy products ... $1,000	65	3 112	(NA)	(NA)	64	(D)	85	2 321
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	72	2 428	66	933	55	2 273	41	834
Used or to be used for breeding	44	457	(NA)	(NA)	37	435	18	150
Other hogs and pigs	61	1 971	(NA)	(NA)	46	1 838	40	684
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	46	536	30	250	39	510	24	241
Dec. 1 of preceding year and May 31	39	281	25	152	34	266	19	(D)
June 1 and Nov. 30	35	255	17	98	29	244	16	(D)
Sheep and lambs	104	22 442	144	26 508	89	22 006	105	24 515
Ewes 1 year old or older	95	14 074	(NA)	(NA)	82	13 770	101	17 920
Goats	2	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	354	2 410	242	1 182	284	2 120	191	1 006
Sales:								
Hogs and pigs	54	3 212	33	1 591	44	3 110	25	1 513
$1,000	(X)	276	(X)	(NA)	(X)	272	(X)	95
Feeder pigs	18	494	12	367	14	476	7	327
$1,000	(X)	15	(X)	(NA)	(X)	14	(X)	6
Sheep and lambs	103	22 643	139	24 309	89	22 397	105	22 658
Sheep and lambs shorn	94	18 778	(NA)	(NA)	81	18 439	101	21 965
Pounds of wool	(X)	196 595	(X)	(NA)	(X)	193 616	(X)	239 090
Sheep, lambs, and wool ... $1,000	104	1 518	(NA)	(NA)	89	1 503	106	711
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	61	136	32	89	46	107	30	(D)
$1,000	(X)	74	(X)	(NA)	(X)	60	(X)	25
POULTRY								
Inventory:								
Any poultry	93	(X)	78	(X)	68	(X)	61	(X)
Chickens 3 months old or older	88	2 671	77	3 369	66	2 331	60	2 941
Hens and pullets of laying age	86	2 332	77	3 271	65	2 035	60	2 896
Pullets 3 months old or older	10	339	(NA)	(NA)	7	296	–	–
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	3	(D)	–	–
Broilers and other meat-type chickens	13	375	7	215	8	300	5	(D)
Turkeys	16	94	(NA)	(NA)	10	81	4	81
Turkeys for slaughter	10	45	(NA)	(NA)	5	(D)	3	54
Turkey hens kept for breeding	10	49	(NA)	(NA)	9	(D)	3	27
Other poultry	15	(X)	(NA)	(X)	10	(X)	1	(X)
Sales:								
Any poultry	11	(X)	15	(X)	10	(X)	6	(X)
Chickens 3 months old or older	5	343	15	1 165	4	(D)	6	841
Hens and pullets of laying age	5	343	15	1 165	4	(D)	6	841
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	7	56	2	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products ... $1,000	14	16	18	15	13	(D)	7	14

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	4 226	(X)	111	4 226	106	4 101	(X)	106	4 101
	1974	140	4 243	(X)	(NA)	(NA)	127	4 116	(X)	127	4 116
For grain or seed (bushels)	1978	26	1 090	85 375	26	1 090	26	1 090	85 375	26	1 090
	1974	27	701	42 723	(NA)	(NA)	22	657	41 643	22	657
For silage or green chop (tons, green)	1978	92	3 136	34 851	92	3 136	87	3 011	34 087	87	3 011
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	110	3 374	38 218	110	3 374
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	85	(X)	4	85
Sorghums for all purposes	1978	3	40	(X)	3	40	3	40	(X)	3	40
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	40	(D)	3	40	3	40	(D)	3	40
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	40	421	15 041	36	354	35	387	14 051	32	335
	1974	94	1 248	51 143	(NA)	(NA)	77	1 187	49 702	68	524
Oats for grain (bushels)	1978	102	1 481	75 836	100	1 447	89	1 324	68 576	87	1 290
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	50	591	34 376	48	560
Barley for grain (bushels)	1978	114	3 618	222 764	109	3 204	108	3 551	220 304	104	3 152
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	111	2 292	93 044	106	2 245
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	36	(X)	4	36
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	6	5	800	6	5	6	5	800	6	5
	1974	7	5	357	(NA)	(NA)	3	4	308	3	4
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	490	40 154	100 669	481	39 318	404	34 606	89 198	398	33 965
	1974	459	37 447	83 324	(NA)	(NA)	374	35 597	80 223	357	34 401
Alfalfa hay (tons, dry)	1978	385	26 163	74 171	379	25 847	321	22 629	66 235	318	22 449
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	270	21 427	54 364	256	20 924
Other tame dry hay (tons, dry) (see text)	1978	135	7 575	14 413	132	7 411	117	6 055	11 520	114	5 891
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	44	(X)	4	44
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	44	7 600	4	44
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	4	4	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sweet corn	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Tomatoes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	12	32	(X)	11	12	4	(D)	(X)	3	6
	1974	6	8	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	8	25	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	2	(D)	2	(D)	(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	378	211 946	372	218 936	251	156 853	236	192 570
Average size of farm	(X)	561	(X)	589	(X)	625	(X)	816
Approximate land area	(X)	2 840 960	(X)	2 840 960	(X)	2 840 960	(X)	2 840 960
Proportion in farms ... percent	(X)	7.5	(X)	7.7	(X)	5.5	(X)	6.8
Value of land and buildings:[1]								
Average per farm ... dollars	218 582	(X)	105 390	(X)	251 316	(X)	144 877	(X)
Average per acre ... dollars	(X)	375	(X)	179	(X)	382	(X)	178
Land in farms according to use:								
Total cropland	354	41 472	360	48 224	234	32 835	232	42 655
Harvested cropland	336	17 858	354	21 911	224	15 408	229	19 613
By acres harvested:								
1 to 9 acres	29	188	23	(NA)	6	40	1	(NA)
10 to 19 acres	65	883	64	(NA)	28	400	4	(NA)
20 to 29 acres	49	1 182	55	(NA)	28	678	28	(NA)
30 to 49 acres	77	2 935	42	(NA)	52	2 012	28	(NA)
50 to 99 acres	74	4 951	115	(NA)	68	4 559	113	(NA)
100 to 199 acres	31	4 143	44	(NA)	31	4 143	44	(NA)
200 to 499 acres	10	(D)	9	(NA)	10	(D)	9	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	248	18 780	274	23 135	161	14 054	181	20 267
Other cropland	151	4 834	90	3 178	101	3 373	66	2 775
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	20	467	(NA)	(NA)	18	(D)	12	782
Cropland on which all crops failed	27	455	(NA)	(NA)	16	(D)	17	247
Cropland in cultivated summer fallow	53	1 028	(NA)	(NA)	38	685	42	841
Cropland idle	107	2 884	(NA)	(NA)	73	1 928	27	905
Total woodland	12	7 430	16	5 491	7	6 905	10	2 289
Woodland pastured	7	6 854	(NA)	(NA)	4	(D)	7	1 850
Woodland not pastured	5	576	(NA)	(NA)	3	(D)	3	439
Other land	300	163 044	261	165 221	210	117 113	172	147 626
Pastureland and rangeland, other than cropland and woodland pastured	174	150 794	(NA)	(NA)	135	107 821	140	138 338
Land in house lots, ponds, roads, wasteland, etc	246	12 250	(NA)	(NA)	169	9 292	134	9 288
Pastureland, all types	327	176 428	(NA)	(NA)	221	128 233	(NA)	160 455
Irrigated land	348	36 295	320	35 687	234	31 261	211	32 081
Harvested cropland irrigated	330	17 587	(NA)	(NA)	221	15 232	205	17 773
Pastureland irrigated	235	17 695	(NA)	(NA)	162	15 296	(NA)	13 569
Other land irrigated	47	1 013	(NA)	(NA)	30	733	17	739
Land set aside in the federal farm programs in 1978	42	463	(X)	(X)	35	385	(X)	(X)

[1]1978 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]	378	3 961	372	3 560	251	3 809	236	3 406
Average per farm ... dollars	(X)	10 480	(X)	9 570	(X)	15 174	(X)	14 432
Farms by value of agricultural products sold:[1]								
$100,000 or more	7	870	2	(NA)	7	870	2	(NA)
$40,000 to $99,999	12	695	12	(NA)	12	695	12	(NA)
$20,000 to $39,999	29	807	43	(NA)	29	807	43	(NA)
$10,000 to $19,999	46	634	37	(NA)	46	634	37	(NA)
$5,000 to $9,999	68	472	85	(NA)	68	472	85	(NA)
$2,500 to $4,999	89	330	51	(NA)	89	330	51	(NA)
Less than $2,500 (see text)	118	125	136	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	22	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	26	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	26	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	54	20	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	9	28	6	(NA)	(X)	(X)	(X)	(X)
Crops	105	478	174	621	69	436	(NA)	577
Grains	43	69	(NA)	(NA)	35	64	91	159
Commodity Credit Corporation loans	3	(D)	(NA)	(NA)	3	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	61	274	(NA)	(NA)	37	254	69	342
Vegetables, sweet corn, and melons	8	75	(NA)	(NA)	7	(D)	5	(D)
Fruits, nuts, and berries	7	(D)	(NA)	(NA)	2	(D)	2	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	2	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	320	3 483	328	2 939	233	3 372	214	2 829
Poultry and poultry products	10	5	5	1	4	(D)	3	(D)
Dairy products	13	551	(NA)	(NA)	11	(D)	26	649
Cattle and calves	291	2 521	(NA)	(NA)	216	2 429	205	1 821
Hogs and pigs	43	65	(NA)	(NA)	34	59	21	35
Sheep, lambs, and wool	59	280	(NA)	(NA)	46	270	46	304
Other livestock and livestock products (see text)	33	62	(NA)	(NA)	26	60	12	(D)

[1]1974 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	378	372	211 946	336	149 042	17 858	348	160 577	17 692	36 295
Farms with—										
1 to 9 acres	10	4	17	1	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	70	64	2 014	64	(D)	(D)	68	(D)	(D)	(D)
50 to 69 acres	24	24	1 353	23	1 300	583	23	1 300	583	855
70 to 99 acres	36	33	2 929	33	2 696	966	34	2 759	920	1 672
100 to 139 acres	27	32	3 181	25	2 926	868	26	3 046	868	1 506
140 to 179 acres	29	39	4 598	29	4 598	1 392	29	4 598	1 392	2 259
180 to 219 acres	25	12	4 935	20	3 964	1 019	22	4 347	939	2 317
220 to 259 acres	11	12	2 649	11	2 649	533	11	2 649	533	668
260 to 499 acres	69	73	24 061	64	22 161	3 643	67	23 281	3 643	9 875
500 to 999 acres	36	36	23 229	34	21 802	2 524	33	20 882	2 484	5 225
1,000 to 1,999 acres	20	18	26 864	18	23 884	2 390	18	23 884	2 390	5 086
2,000 acres or more	21	25	116 116	14	61 189	3 036	16	71 847	3 036	5 386

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	378	211 946	372	218 936	251	156 853	236	192 570
Harvested cropland	336	17 858	354	21 911	224	15 408	229	19 613
Tenure of operator:								
Full owners	258	92 126	278	90 161	167	78 680	167	81 112
Harvested cropland	227	11 041	(NA)	14 643	145	9 282	(NA)	12 780
Part owners	109	96 538	80	116 141	80	76 477	60	109 410
Harvested cropland	103	6 588	(NA)	6 485	77	(D)	(NA)	6 081
Tenants	11	23 282	14	12 634	4	1 696	9	2 048
Harvested cropland	6	229	(NA)	783	2	(D)	(NA)	752
Type of organization:								
Individual or family	328	119 009	(NA)	(NA)	214	106 024	219	141 966
Partnership	29	32 945	(NA)	(NA)	26	(D)	13	31 733
Corporation	9	19 738	(NA)	(NA)	9	19 738	3	(D)
Other—cooperative, estate or trust, institutional, etc.	12	40 254	(NA)	(NA)	2	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	132	186	101	154
Other	246	176	150	78
Operators by age group:				
Under 25 years	14	6	12	3
25 to 34 years	52	26	27	13
35 to 44 years	74	91	47	45
45 to 54 years	108	100	77	76
55 to 64 years	61	77	39	57
65 years and over	69	62	49	38
Average age	49.5	50.3	50.0	51.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	227	154	154	100
Not on farm operated	114	150	76	84
Not reported	37	58	21	48
Operators reporting days of work off farm:				
None	89	69	65	56
1 to 49 days	13	30	10	23
50 to 99 days	11	10	6	8
100 to 149 days	14	6	9	1
150 to 199 days	26	38	16	26
200 days or more	216	155	137	70

[1]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	151	767	141	560	109	741	82	503
Feed for livestock and poultry	276	1 040	242	645	205	1 010	156	598
Commercially mixed formula feeds	67	160	128	391	54	159	96	369
Animal health costs	258	74	(NA)	(NA)	205	69	132	29
Seeds, bulbs, plants, and trees	226	130	186	68	167	110	138	62
Commercial fertilizer	208	301	240	193	159	288	153	169
Other agricultural chemicals including lime	209	73	184	30	153	67	141	28
Hired farm labor	104	211	149	153	82	199	107	145
Contract labor	35	72	29	14	27	65	12	11
Customwork, machine hire, and rental of machinery and equipment	171	65	221	68	106	52	146	55
Energy and petroleum products	378	537	(NA)	(NA)	262	492	(NA)	(NA)
Petroleum products	378	455	371	342	262	414	236	303
Gasoline	353	296	(NA)	(NA)	237	269	234	226
Diesel fuel	282	106	(NA)	(NA)	220	96	128	52
LP gas, butane, and propane	55	9	(NA)	(NA)	37	8	6	1
Fuel oil	16	2	(NA)	(NA)	16	2		
Natural gas	16	5	(NA)	(NA)	16	5	236	24
Kerosene, motor oil, and grease	378	38	(NA)	(NA)	262	34		
Electricity	163	72	(NA)	(NA)	140	70	(NA)	(NA)
Other—coal, wood, coke, etc.	60	9	(NA)	(NA)	57	9	(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	191	12 951	149	12 340	153	7 984
Cropland fertilized, except pasture	190	11 617	149	(D)	(NA)	6 528
Pasture and rangeland fertilized	32	1 334	30	(D)	(NA)	1 456
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	165	6 511	110	5 746	(NA)	6 123
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	6	240	5	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	93	4 424	80	4 330	(NA)	1 543
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	99	(X)	96	(X)	32	(X)
Sanitation and rodent and bird control	7	(X)	7	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	378	357	262	227
$1,000	11 077	6 277	8 594	4 833
Average per farm — dollars	29 304	17 583	32 803	21 291
Farms by value group:				
$1 to $4,999	29	50	13	11
$5,000 to $9,999	89	76	24	49
$10,000 to $19,999	93	105	68	61

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	20	65	17	53
$30,000 to $49,999	98	48	97	40
$50,000 to $69,999	19	8	18	8
$70,000 to $99,999	12	5	12	5
$100,000 to $199,999	10		10	
$200,000 or more	8		3	

	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	274	395	158	195	163	200	253	328	170
Motortrucks including pickups	355	765	188	258	282	507	319	540	200
Wheel tractors	350	641	106	133	306	508	323	570	98
Grain and bean combines, self-propelled only	30	30	6	6	24	24	24	24	–
Corn heads for combines	8	8	8	8	–	–	7	8	–
Other cornpickers and picker-shellers	15	15	–	–	15	15	13	13	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	176	197	68	78	109	119	90	94	30
Pickup balers	219	231	40	40	184	191	217	228	44
Field forage harvesters, shear bar or flywheel type	45	46	6	7	39	39	57	65	18

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	104	29	(X)	95	(X)	82	107
Workers	391	(X)	43	(X)	348	266	413
Farms with—							
1 worker	27	16	16	24	24	14	43
2 workers	22	12	(D)	29	58	19	14
3 or 4 workers	31	1	(D)	18	64	31	26
5 to 9 workers	19	–	–	19	107	18	13
10 workers or more	5	–	–	5	95	–	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	350	(X)	338	(X)	240	(X)	218	(X)
Any cattle, hogs, or sheep	328	(X)	316	(X)	225	(X)	203	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	320	3 483	328	2 939	233	3 372	214	2 829
Any cattle, hogs, or sheep ... $1,000	310	2 865	325	(NA)	227	2 759	211	2 160
CATTLE AND CALVES								
Inventory:								
Cattle and calves	308	20 994	305	27 493	211	19 597	196	25 070
Cows and heifers that had calved	288	12 544	275	14 501	203	11 787	184	13 267
Beef cows	271	11 957	242	13 373	195	11 224	154	12 172
Milk cows	72	587	108	1 128	53	563	88	1 095
Heifers and heifer calves	255	4 459	(NA)	(NA)	180	4 119	150	5 409
Steers, steer calves, bulls and bull calves	273	3 991	(NA)	(NA)	192	3 691	167	6 394
Sales:								
Cattle and calves	291	8 787	308	8 936	216	8 428	205	8 359
$1,000	(X)	2 521	(X)	(NA)	(X)	2 429	(X)	1 821
Calves	207	4 474	(NA)	(NA)	164	4 273	144	3 979
$1,000	(X)	1 028	(X)	(NA)	(X)	986	(X)	523
Cattle	218	4 313	(NA)	(NA)	169	4 155	158	4 380
$1,000	(X)	1 493	(X)	(NA)	(X)	1 444	(X)	1 298
Fattened cattle	48	716	(NA)	(NA)	29	648	59	1 455
$1,000	(X)	268	(X)	(NA)	(X)	247	(X)	471
Dairy products ... $1,000	13	551	(NA)	(NA)	11	(D)	26	649
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	59	577	72	437	43	529	58	329
Used or to be used for breeding	36	102	(NA)	(NA)	25	82	16	51
Other hogs and pigs	45	475	(NA)	(NA)	34	447	54	278
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	37	115	25	110	26	95	19	104
Dec. 1 of preceding year and May 31	34	69	19	62	25	57	16	59
June 1 and Nov. 30	20	46	15	48	15	38	12	45
Sheep and lambs	57	7 656	99	11 728	44	7 433	57	10 797
Ewes 1 year old or older	55	5 127	(NA)	(NA)	43	4 944	55	6 172
Goats	4	28	(NA)	(NA)	3	(D)	–	–
Horses and ponies	241	942	197	616	168	727	127	396
Sales:								
Hogs and pigs	43	921	30	844	34	814	21	769
$1,000	(X)	65	(X)	(NA)	(X)	59	(X)	35
Feeder pigs	12	208	15	329	7	173	11	311
$1,000	(X)	7	(X)	(NA)	(X)	6	(X)	4
Sheep and lambs	57	4 281	78	8 736	44	4 085	46	8 256
Sheep and lambs shorn	52	5 223	(NA)	(NA)	41	4 997	45	9 081
Pounds of wool	(X)	54 557	(X)	(NA)	(X)	52 478	(X)	87 383
Sheep, lambs, and wool ... $1,000	59	280	(NA)	(NA)	46	270	46	304
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	29	70	9	14	23	63	9	14
$1,000	(X)	44	(X)	(NA)	(X)	42	(X)	(D)
POULTRY								
Inventory:								
Any poultry	47	(X)	53	(X)	28	(X)	38	(X)
Chickens 3 months old or older	43	874	39	1 091	25	503	24	746
Hens and pullets of laying age	41	806	39	997	25	(D)	24	(D)
Pullets 3 months old or older	7	68	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	6	35	15	346	3	12	15	346
Turkeys	5	24	(NA)	(NA)	4	(D)	2	(D)
Turkeys for slaughter	4	11	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	3	13	(NA)	(NA)	2	(D)	2	(D)
Other poultry	13	(X)	(NA)	(X)	8	(X)	1	(X)
Sales:								
Any poultry	6	(X)	–	(X)	2	(X)	–	(X)
Chickens 3 months old or older	1	(D)	–	–	–	–	–	–
Hens and pullets of laying age	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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products ... $1,000	10	5	5	1	4	(D)	3	(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	79	1 461	(X)	79	1 461	70	1 396	(X)	70	1 396
	1974	127	2 286	(X)	(NA)	(NA)	111	2 189	(X)	109	2 182
For grain or seed (bushels)	1978	10	102	8 388	10	102	9	(D)	(D)	9	(D)
	1974	17	611	45 787	(NA)	(NA)	17	611	45 787	17	611
For silage or green chop (tons, green)	1978	66	(D)	18 433	66	(D)	58	1 288	17 947	58	1 288
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	1 136	16 939	72	1 136
For fodder, hogged or grazed	1978	3	(D)	(X)	3	(D)	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	33	442	(X)	31	435
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	44	369	11 932	43	354	34	319	10 938	34	319
	1974	106	858	31 231	(NA)	(NA)	74	676	26 040	63	544
Oats for grain (bushels)	1978	109	1 218	57 555	108	1 213	74	968	45 016	73	963
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	84	1 011	57 812	74	808
Barley for grain (bushels)	1978	41	694	31 655	40	682	28	619	28 445	27	607
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	66	744	40 472	42	572
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	73	(X)	3	53
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	4	(D)	4	4	3	(D)	88	3	(D)
	1974	3	1	126	(NA)	(NA)	3	1	126	3	1
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	318	13 987	37 636	311	13 748	212	12 048	34 420	208	11 889
	1974	344	16 671	45 660	(NA)	(NA)	226	14 829	41 813	201	13 523
Alfalfa hay (tons, dry)	1978	304	11 698	33 545	298	11 500	203	10 042	30 763	199	9 914
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	222	11 980	35 756	196	11 321
Other tame dry hay (tons, dry) (see text)	1978	18	192	495	17	182	12	140	412	12	140
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	18	(X)	4	18
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	18	2 566	4	18
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	8	190	(X)	8	190	7	(D)	(X)	7	(D)
	1974	5	35	(X)	(NA)	(NA)	5	35	(X)	5	35
Sweet corn	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	10	107	(X)	10	107	4	(D)	(X)	4	(D)
	1974	4	98	(X)	(NA)	(NA)	3	(D)	(X)	3	90
Apples (pounds)	1978	7	69	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	8	24	39 640	(NA)	(NA)	3	7	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	214	129 791	180	120 260	149	117 488	122	84 532
Average size of farm	(X)	607	(X)	668	(X)	789	(X)	693
Approximate land area	(X)	3 301 120	(X)	3 301 120	(X)	3 301 120	(X)	3 301 120
Proportion in farms ... percent	(X)	3.9	(X)	3.6	(X)	3.6	(X)	2.6
Value of land and buildings:[1]								
Average per farm ... dollars	246 353	(X)	130 167	(X)	310 503	(X)	145 746	(X)
Average per acre ... dollars	(X)	384	(X)	195	(X)	376	(X)	210
Land in farms according to use:								
Total cropland	200	24 754	157	26 605	140	20 527	103	23 059
Harvested cropland	179	13 075	141	10 268	132	12 159	90	8 793
By acres harvested:								
1 to 9 acres	15	81	12	(NA)	4	16	2	(NA)
10 to 19 acres	37	465	21	(NA)	17	217	5	(NA)
20 to 29 acres	22	479	22	(NA)	12	273	15	(NA)
30 to 49 acres	26	890	23	(NA)	23	793	16	(NA)
50 to 99 acres	44	3 034	36	(NA)	42	(D)	25	(NA)
100 to 199 acres	21	2 739	22	(NA)	20	(D)	22	(NA)
200 to 499 acres	13	3 485	4	(NA)	13	3 485	4	(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	117	9 717	122	13 468	76	7 038	79	11 927
Other cropland	34	1 962	37	2 869	16	1 330	26	2 339
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Cropland on which all crops failed	3	(D)	(NA)	(NA)	3	(D)	4	397
Cropland in cultivated summer fallow	8	299	(NA)	(NA)	4	(D)	8	(D)
Cropland idle	25	1 138	(NA)	(NA)	11	591	16	1 676
Total woodland	20	4 856	18	2 786	15	4 646	13	2 067
Woodland pastured	17	(D)	(NA)	(NA)	14	(D)	12	(D)
Woodland not pastured	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Other land	158	100 181	140	90 869	117	92 315	100	59 406
Pastureland and rangeland, other than cropland and woodland pastured	131	96 319	(NA)	(NA)	104	89 492	67	55 516
Land in house lots, ponds, roads, wasteland, etc	74	3 862	(NA)	(NA)	49	2 823	74	3 890
Pastureland, all types	200	110 871	(NA)	(NA)	141	101 175	(NA)	69 505
Irrigated land	190	23 037	137	16 401	138	21 268	97	15 067
Harvested cropland irrigated	173	12 741	(NA)	(NA)	126	11 830	84	8 343
Pastureland irrigated	108	(D)	(NA)	(NA)	80	(D)	(NA)	6 164
Other land irrigated	6	(D)	(NA)	(NA)	3	(D)	7	560
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	2	(D)	(X)	(X)

[1] 1978 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]	214	3 211	180	1 741	149	3 119	122	1 658
Average per farm ... dollars	(X)	15 005	(X)	9 672	(X)	20 932	(X)	13 590
Farms by value of agricultural products sold:[1]								
$100,000 or more	4	583	2	(NA)	4	583	2	(NA)
$40,000 to $99,999	19	1 004	2	(NA)	19	1 004	2	(NA)
$20,000 to $39,999	22	669	16	(NA)	22	669	16	(NA)
$10,000 to $19,999	36	502	32	(NA)	36	502	32	(NA)
$5,000 to $9,999	35	246	27	(NA)	35	246	27	(NA)
$2,500 to $4,999	33	114	35	(NA)	33	114	35	(NA)
Less than $2,500 (see text)	61	77	62	(NA)	(X)	(X)	8	(NA)
$2,000 to $2,499	14	31	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	15	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	10	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	22	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	15	4	(NA)	(X)	(X)	(X)	(X)
Crops	47	341	52	393	36	319	(NA)	380
Grains	11	93	(NA)	(NA)	9	(D)	17	74
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	35	214	(NA)	(NA)	28	196	20	291
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	–	–
Fruits, nuts, and berries	6	(D)	(NA)	(NA)	4	(D)	1	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Livestock, poultry, and their products	192	2 870	167	1 348	143	2 800	118	1 278
Poultry and poultry products	3	(D)	6	7	1	(D)	6	7
Dairy products	10	100	(NA)	(NA)	8	(D)	7	31
Cattle and calves	170	2 512	(NA)	(NA)	136	2 460	109	997
Hogs and pigs	13	(D)	(NA)	(NA)	9	16	8	15
Sheep, lambs, and wool	46	204	(NA)	(NA)	34	195	36	205
Other livestock and livestock products (see text)	21	37	(NA)	(NA)	14	30	12	23

[1] 1974 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	214	180	129 791	179	116 802	13 075	190	124 997	12 814	23 037
Farms with—										
1 to 9 acres	3	7	12	1	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	37	24	1 109	29	(D)	(D)	32	(D)	(D)	(D)
50 to 69 acres	14	8	835	13	775	254	13	780	228	346
70 to 99 acres	13	6	1 028	13	1 028	405	12	938	355	423
100 to 139 acres	17	19	2 120	12	1 519	672	12	1 506	647	949
140 to 179 acres	14	13	2 246	12	1 915	743	12	1 915	743	1 125
180 to 219 acres	13	7	2 570	12	2 370	515	13	2 570	515	991
220 to 259 acres	14	10	3 259	11	2 559	518	13	3 019	518	929
260 to 499 acres	35	40	12 654	32	11 674	2 206	30	10 946	2 046	4 481
500 to 999 acres	25	25	17 712	20	14 162	3 234	24	17 212	3 234	5 253
1,000 to 1,999 acres	15	12	19 863	10	13 496	1 211	14	18 734	1 211	4 206
2,000 acres or more	14	9	66 383	14	66 383	2 876	14	66 383	2 876	3 726

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	214	129 791	180	120 260	149	117 488	122	84 532
Harvested cropland	179	13 075	141	10 268	132	12 159	90	8 793
Tenure of operator:								
Full owners	144	48 249	125	42 184	91	38 192	84	34 870
Harvested cropland	118	9 908	(NA)	6 641	80	9 122	(NA)	5 926
Part owners	61	79 794	50	52 766	55	78 796	34	48 772
Harvested cropland	54	2 978	(NA)	3 538	49	2 907	(NA)	2 778
Tenants	9	1 748	5	25 310	3	500	4	890
Harvested cropland	7	189	(NA)	89	3	130	(NA)	89
Type of organization:								
Individual or family	177	91 287	(NA)	(NA)	123	85 605	111	78 224
Partnership	26	26 122	(NA)	(NA)	21	25 494	10	(D)
Corporation	6	6 293	(NA)	(NA)	4	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	5	6 089	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	99	110	84	85
Other	115	65	65	36
Operators by age group:				
Under 25 years	4	2	3	2
25 to 34 years	20	8	14	6
35 to 44 years	37	31	31	25
45 to 54 years	46	45	30	29
55 to 64 years	61	42	42	31
65 years and over	46	47	29	28
Average age	53.0	54.1	52.1	53.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	99	46	74	31
Not on farm operated	85	100	53	70
Not reported	30	29	22	20
Operators reporting days of work off farm:				
None	60	52	45	37
1 to 49 days	21	13	17	6
50 to 99 days	8	8	6	5
100 to 149 days	10	11	5	8
150 to 199 days	24	14	19	11
200 days or more	84	49	50	33

[1]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	88	515	67	261	73	508	53	245
Feed for livestock and poultry	161	428	130	366	126	415	98	343
Commercially mixed formula feeds	44	53	66	51	35	47	52	46
Animal health costs	139	50	(NA)	(NA)	113	33	60	22
Seeds, bulbs, plants, and trees	94	99	60	20	75	97	45	18
Commercial fertilizer	110	117	51	34	91	113	39	33
Other agricultural chemicals including lime	56	22	36	5	48	20	28	5
Hired farm labor	96	233	79	91	89	224	64	83
Contract labor	13	10	5	6	11	(D)	3	(D)
Customwork, machine hire, and rental of machinery and equipment	108	50	72	27	75	40	51	24
Energy and petroleum products	210	396	(NA)	(NA)	149	376	(NA)	(NA)
Petroleum products	210	338	177	182	149	322	121	165
Gasoline	205	241	(NA)	(NA)	144	228	120	115
Diesel fuel	113	61	(NA)	(NA)	97	60	70	31
LP gas, butane, and propane	8	5	(NA)	(NA)	8	5	7	4
Fuel oil	9	3	(NA)	(NA)	9	3		
Natural gas	–	–	(NA)	(NA)	–	–	120	16
Kerosene, motor oil, and grease	210	28	(NA)	(NA)	149	26		
Electricity	120	54	(NA)	(NA)	86	50	(NA)	(NA)
Other—coal, wood, coke, etc.	18	4	(NA)	(NA)	13	4	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	105	6 560	86	6 407	39	1 175
Cropland fertilized, except pasture	101	6 223	86	6 110	(NA)	989
Pasture and rangeland fertilized	16	337	12	297	(NA)	186
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	48	2 230	43	2 120	(NA)	395
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	1	(D)
Weeds, grass, or brush in crops and pasture	19	1 534	16	1 509	(NA)	1 277
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	–	–
Insect control on livestock and poultry	33	(X)	27	(X)	7	(X)
Sanitation and rodent and bird control	15	(X)	8	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	208	169	149	116
$1,000	5 364	2 691	4 270	1 980
Average per farm — dollars	25 788	15 923	28 660	17 069
Forms by value group:				
$1 to $4,999	32	31	26	14
$5,000 to $9,999	47	42	12	34
$10,000 to $19,999	46	41	41	26

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	29	35	24	25
$30,000 to $49,999	25	19	23	16
$50,000 to $69,999	13	–	9	–
$70,000 to $99,999	5		5	
$100,000 to $199,999	10	1	8	1
$200,000 or more	1		1	

	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	104	154	57	73	58	81	113	155	84
Motortrucks including pickups	184	360	98	127	144	233	153	259	90
Wheel tractors	174	320	33	40	156	280	136	230	40
Grain and bean combines, self-propelled only	15	16	1	(D)	15	(D)	6	9	–
Corn heads for combines	5	5	1	(D)	4	(D)	2	(D)	1
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	84	95	19	20	66	75	25	25	5
Pickup balers	111	128	35	37	83	91	92	97	36
Field forage harvesters, shear bar or flywheel type	18	19	4	5	14	14	11	12	4

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All forms, 1978					Any hired workers—Forms 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	96	42	(X)	81	(X)	89	64
Workers	346	(X)	58	(X)	288	335	224
Farms with—							
1 worker	20	34	34	21	21	17	27
2 workers	26	4	8	26	52	22	11
3 or 4 workers	29	3	(D)	14	48	29	8
5 to 9 workers	17	1	(D)	17	107	17	15
10 workers or more	4	–	–	3	60	4	3

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	202	(X)	167	(X)	145	(X)	114	(X)
Any cattle, hogs, or sheep	190	(X)	161	(X)	139	(X)	108	(X)
Sales:								
Any livestock or poultry and their products $1,000	192	2 870	167	1 348	143	2 800	118	1 278
Any cattle, hogs, or sheep $1,000	182	(D)	162	(NA)	140	2 671	115	1 217
CATTLE AND CALVES								
Inventory:								
Cattle and calves	180	15 964	156	16 079	135	15 297	105	14 440
Cows and heifers that had calved	165	10 447	140	9 508	125	10 068	98	8 614
Beef cows	156	10 228	126	9 319	121	9 867	94	8 465
Milk cows	50	219	44	189	37	201	28	149
Heifers and heifer calves	146	2 657	(NA)	(NA)	109	2 486	78	2 913
Steers, steer calves, bulls and bull calves	158	2 860	(NA)	(NA)	119	2 743	92	2 913
Sales:								
Cattle and calves	170	8 526	150	6 813	136	8 323	109	6 297
$1,000	(X)	2 512	(X)	(NA)	(X)	2 460	(X)	997
Calves	127	5 021	(NA)	(NA)	106	4 910	72	3 603
$1,000	(X)	1 169	(X)	(NA)	(X)	1 148	(X)	397
Cattle	131	3 505	(NA)	(NA)	107	3 413	85	2 694
$1,000	(X)	1 342	(X)	(NA)	(X)	1 312	(X)	600
Fattened cattle	7	25	(NA)	(NA)	3	13	6	30
$1,000	(X)	12	(X)	(NA)	(X)	7	(X)	7
Dairy products $1,000	10	100	(NA)	(NA)	8	(D)	7	31
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	29	360	23	225	16	329	13	201
Used or to be used for breeding	14	50	(NA)	(NA)	10	43	7	19
Other hogs and pigs	27	310	(NA)	(NA)	16	286	13	182
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	14	66	9	30	10	58	7	(D)
Dec. 1 of preceding year and May 31	12	36	6	16	8	28	5	(D)
June 1 and Nov. 30	9	30	5	14	9	30	4	(D)
Sheep and lambs	45	4 756	51	5 476	33	4 622	33	4 977
Ewes 1 year old or older	42	3 707	(NA)	(NA)	32	3 630	30	3 664
Goats	4	24	(NA)	(NA)	2	(D)	–	–
Horses and ponies	134	543	96	323	106	418	67	246
Sales:								
Hogs and pigs	13	332	11	215	9	307	8	197
$1,000	(X)	(D)	(X)	(NA)	(X)	16	(X)	15
Feeder pigs	10	188	2	(D)	6	163	1	(D)
$1,000	(X)	5	(X)	(NA)	(X)	4	(X)	(Z)
Sheep and lambs	45	3 356	52	6 725	33	3 237	36	6 169
Sheep and lambs shorn	42	4 512	(NA)	(NA)	33	4 407	33	5 008
Pounds of wool	(X)	46 437	(X)	(NA)	(X)	45 164	(X)	50 797
Sheep, lambs, and wool $1,000	46	204	(NA)	(NA)	34	195	36	205
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	16	41	10	25	10	24	9	(D)
$1,000	(X)	27	(X)	(NA)	(X)	21	(X)	14
POULTRY								
Inventory:								
Any poultry	31	(X)	16	(X)	20	(X)	12	(X)
Chickens 3 months old or older	29	423	16	1 445	18	229	12	1 407
Hens and pullets of laying age	28	393	15	1 401	18	(D)	11	(D)
Pullets 3 months old or older	3	30	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	1	(D)	2	(D)	1	(D)
Turkeys	4	30	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	3	17	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	3	13	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	2	(X)	–	(X)
Sales:								
Any poultry	4	(X)	2	(X)	2	(X)	2	(X)
Chickens 3 months old or older	2	(D)	2	(D)	1	(D)	2	(D)
Hens and pullets of laying age	2	(D)	2	(D)	1	(D)	2	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	3	(D)	6	7	1	(D)	6	7

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	12	204	(X)	12	204	10	(D)	(X)	10	(D)
	1974	22	239	(X)	(NA)	(NA)	7	119	(X)	7	119
For grain or seed (bushels)	1978	5	5	256	5	5	3	(D)	(D)	3	(D)
	1974	3	12	110	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	8	199	1 868	8	199	8	199	1 868	8	199
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	119	1 161	7	119
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	10	(D)	(D)	9	(D)	9	(D)	(D)	8	(D)
	1974	29	785	15 339	(NA)	(NA)	15	754	14 359	15	754
Oats for grain (bushels)	1978	31	433	24 682	30	430	27	414	23 522	26	411
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	247	15 864	24	247
Barley for grain (bushels)	1978	20	472	26 380	20	472	15	440	24 560	15	440
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	294	19 465	18	284
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)	1	(D)	(X)	1	(D)
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	3	6	(D)	3	6	2	(D)	(D)	2	(D)
	1974	6	13	2 299	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	174	12 411	31 034	166	12 082	132	11 571	29 534	124	11 247
	1974	139	8 616	22 100	(NA)	(NA)	89	7 340	19 650	80	6 943
Alfalfa hay (tons, dry)	1978	162	9 190	24 776	157	9 030	124	8 458	23 435	119	8 303
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	89	5 886	16 560	80	5 499
Other tame dry hay (tons, dry) (see text)	1978	23	855	1 764	20	731	19	814	1 680	16	690
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	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	4	1	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sweet corn	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	11	36	(X)	11	36	5	16	(X)	5	16
	1974	5	16	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Apples (pounds)	1978	10	31	(D)	(NA)	(NA)	5	14	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	4	3	7 200	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	59	174 486	36	159 749	37	172 962	27	156 954
Average size of farm	(X)	2 957	(X)	4 437	(X)	4 675	(X)	5 813
Approximate land area	(X)	2 356 480	(X)	2 356 480	(X)	2 356 480	(X)	2 356 480
Proportion in farms ... percent	(X)	7.4	(X)	6.8	(X)	7.3	(X)	6.7
Value of land and buildings:[1]								
Average per farm ... dollars	335 745	(X)	549 333	(X)	460 460	(X)	698 593	(X)
Average per acre ... dollars	(X)	114	(X)	124	(X)	99	(X)	120
Land in farms according to use:								
Total cropland	54	(D)	32	4 419	34	(D)	23	(D)
Harvested cropland	51	3 012	30	2 324	33	2 785	23	2 162
By acres harvested:								
1 to 9 acres	14	50	5	(NA)	4	21	2	(NA)
10 to 19 acres	8	117	3	(NA)	4	61	1	(NA)
20 to 29 acres	5	108	–	(NA)	4	(D)	–	(NA)
30 to 49 acres	7	255	6	(NA)	5	(D)	5	(NA)
50 to 99 acres	8	554	8	(NA)	7	(D)	7	(NA)
100 to 199 acres	5	691	4	(NA)	5	691	4	(NA)
200 to 499 acres	4	1 237	4	(NA)	4	1 237	4	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	27	(D)	21	1 666	16	(D)	14	(D)
Other cropland	16	(D)	8	429	14	(D)	6	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Cropland on which all crops failed	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Cropland in cultivated summer fallow	3	(D)	(NA)	(NA)	3	(D)	5	171
Cropland idle	13	651	(NA)	(NA)	12	(D)	5	150
Total woodland	4	(D)	3	1 038	4	(D)	2	(D)
Woodland pastured	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Woodland not pastured	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Other land	46	168 955	31	154 292	28	167 901	26	152 079
Pastureland and rangeland, other than cropland and woodland pastured	23	167 738	(NA)	(NA)	16	166 930	13	147 400
Land in house lots, ponds, roads, wasteland, etc	38	1 217	(NA)	(NA)	23	971	22	4 679
Pastureland, all types	37	169 475	(NA)	(NA)	21	168 465	(NA)	149 2D3
Irrigated land	50	4 813	27	3 095	32	4 525	21	2 964
Harvested cropland irrigated	48	2 848	(NA)	(NA)	31	2 636	21	1 861
Pastureland irrigated	21	(D)	(NA)	(NA)	13	(D)	(NA)	962
Other land irrigated	4	(D)	(NA)	(NA)	3	(D)	4	141
Land set aside in the federal farm programs in 1978	3	(D)	(X)	(X)	3	(D)	(X)	(X)

[1] 1978 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]	59	1 566	36	1 033	37	1 543	27	1 024
Average per farm ... dollars	(X)	26 535	(X)	28 694	(X)	41 716	(X)	37 926
Farms by value of agricultural products sold:[1]								
$100,000 or more	6	1 021	3	(NA)	6	1 021	3	(NA)
$40,000 to $99,999	3	182	6	(NA)	3	182	6	(NA)
$20,000 to $39,999	6	161	7	(NA)	6	161	7	(NA)
$10,000 to $19,999	8	116	6	(NA)	8	116	6	(NA)
$5,000 to $9,999	6	33	1	(NA)	6	33	1	(NA)
$2,500 to $4,999	8	31	1	(NA)	8	31	1	(NA)
Less than $2,500 (see text)	22	22	11	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	3	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	3	5	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	5	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	11	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	1	(NA)	(X)	(X)	(X)	(X)
Crops	35	293	16	193	28	286	(NA)	189
Grains	7	31	(NA)	(NA)	7	31	3	7
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	23	144	(NA)	(NA)	18	138	8	38
Vegetables, sweet corn, and melons	6	(D)	(NA)	(NA)	5	(D)	5	31
Fruits, nuts, and berries	7	54	(NA)	(NA)	5	(D)	4	113
Nursery and greenhouse products	1	(D)	–	–	1	(D)	–	–
Other crops	1	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	40	1 273	31	838	22	1 257	25	833
Poultry and poultry products	2	(D)	5	30	–	–	5	30
Dairy products	2	(D)	(NA)	(NA)	1	(D)	3	(D)
Cattle and calves	32	1 197	(NA)	(NA)	20	1 188	22	720
Hogs and pigs	6	(D)	(NA)	(NA)	4	(D)	3	5
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	11	27	(NA)	(NA)	5	23	5	(D)

[1] 1974 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	59	36	174 486	51	98 050	3 012	50	98 954	2 848	4 813
Farms with—										
1 to 9 acres	10	2	58	8	55	30	7	46	21	21
10 to 49 acres	17	5	398	15	340	186	15	337	171	224
50 to 69 acres	1	3	(D)	1	(D)	(D)	1	(D)	(D)	(D)
70 to 99 acres	4	4	326	3	246	102	3	246	102	159
100 to 139 acres	5	2	579	5	579	194	5	579	194	219
140 to 179 acres	3	2	482	2	(D)	(D)	2	(D)	(D)	(D)
180 to 219 acres	1	2	(D)	1	(D)	(D)	1	(D)	(D)	(D)
220 to 259 acres	2	–	(D)	2	(D)	(D)	2	(D)	(D)	(D)
260 to 499 acres	3	2	923	3	923	526	3	923	526	536
500 to 999 acres	5	3	3 408	5	3 408	321	4	2 772	181	1 158
1,000 to 1,999 acres	1	2	(D)	–	–	–	1	(D)	–	(D)
2,000 acres or more	7	9	166 037	6	91 454	1 229	6	91 454	1 229	1 891

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	59	174 486	36	159 749	37	172 962	27	156 954
Harvested cropland	51	3 012	30	2 324	33	2 785	23	2 162
Tenure of operator:								
Full owners	44	(D)	15	2 028	25	(D)	9	1 413
Harvested cropland	39	(D)	(NA)	555	23	1 062	(NA)	419
Part owners	13	168 557	18	157 537	10	167 874	17	(D)
Harvested cropland	10	1 501	(NA)	1 743	8	(D)	(NA)	1 743
Tenants	2	(D)	3	184	2	(D)	1	(D)
Harvested cropland	2	(D)	(NA)	26	2	(D)	(NA)	–
Type of organization:								
Individual or family	45	17 521	(NA)	(NA)	24	(D)	20	18 922
Partnership	7	86 558	(NA)	(NA)	7	86 558	3	87 486
Corporation	4	60 505	(NA)	(NA)	4	60 505	4	50 546
Other—cooperative, estate or trust, institutional, etc.	3	9 902	(NA)	(NA)	2	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	24	15	21	12
Other	35	16	16	11
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	6	2	3	1
35 to 44 years	13	11	8	8
45 to 54 years	22	4	14	4
55 to 64 years	12	6	7	4
65 years and over	6	8	5	6
Average age	49.1	53.6	49.7	54.7

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	46	21	28	16
Not on farm operated	10	4	7	3
Not reported	3	6	2	4
Operators reporting days of work off farm:				
None	17	10	15	8
1 to 49 days	3	2	2	2
50 to 99 days	2	–	1	–
100 to 149 days	4	–	2	–
150 to 199 days	5	3	3	3
200 days or more	26	11	12	7

[1]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	17	328	16	186	10	327	14	(D)
Feed for livestock and poultry	39	286	25	250	18	272	20	246
Commercially mixed formula feeds	10	55	18	72	5	53	15	70
Animal health costs	25	11	(NA)	(NA)	15	11	18	9
Seeds, bulbs, plants, and trees	29	20	18	11	24	19	15	7
Commercial fertilizer	32	30	20	27	23	29	17	25
Other agricultural chemicals including lime	21	11	16	7	14	11	14	(D)
Hired farm labor	21	175	16	132	15	164	14	(D)
Contract labor	4	9	4	5	3	(D)	4	5
Customwork, machine hire, and rental of machinery and equipment	17	12	12	7	10	10	10	(D)
Energy and petroleum products	59	139	(NA)	(NA)	37	131	(NA)	(NA)
Petroleum products	59	101	34	62	37	97	27	60
Gasoline	51	58	(NA)	(NA)	33	56	27	39
Diesel fuel	34	23	(NA)	(NA)	26	23	22	15
LP gas, butane, and propane	11	7	(NA)	(NA)	9	(D)	4	1
Fuel oil	7	2	(NA)	(NA)	3	(D)		
Natural gas	4	4	(NA)	(NA)	4	4	27	5
Kerosene, motor oil, and grease	59	7	(NA)	(NA)	37	7		
Electricity	37	37	(NA)	(NA)	22	33	(NA)	(NA)
Other—coal, wood, coke, etc.	10	2	(NA)	(NA)	4	1	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	31	1 659	23	1 604	17	1 383
Cropland fertilized, except pasture	31	1 539	23	(D)	(NA)	1 265
Pasture and rangeland fertilized	5	120	3	(D)	(NA)	118
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	12	330	8	301	(NA)	572
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	3	9	2	(D)	2	(D)
Weeds, grass, or brush in crops and pasture	10	500	7	489	(NA)	35
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	1	(D)
Insect control on livestock and poultry	11	(X)	7	(X)	5	(X)
Sanitation and rodent and bird control	4	(X)	3	(X)	(NA)	(X)

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

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

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	59	34	37	26
$1,000	1 503	894	1 315	763
Average per farm — dollars	25 466	26 294	35 543	29 346
Forms by value group:				
$1 to $4,999	11	4	5	2
$5,000 to $9,999	14	6	6	5
$10,000 to $19,999	11	11	5	9

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	12	3	10	2
$30,000 to $49,999	1	5	1	3
$50,000 to $69,999	4	2	4	2
$70,000 to $99,999	1		1	
$100,000 to $199,999	4	3	4	3
$200,000 or more	1		1	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	33	55	20	30	19	25	20	31	17
Motortrucks including pickups	49	103	27	44	33	59	31	79	28
Wheel tractors	48	89	7	17	45	72	29	68	11
Grain and bean combines, self-propelled only	7	7	–	–	7	7	1	(D)	–
Corn heads for combines	2	(D)	1	(D)	1	(D)	–	–	–
Other cornpickers and picker-shellers	3	3	1	(D)	2	(D)	2	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	22	24	5	6	17	18	11	13	4
Pickup balers	27	31	6	8	21	23	20	29	8
Field forage harvesters, shear bar or flywheel type	6	7	3	4	3	3	6	6	1

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All forms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	21	9	(X)	19	(X)	15	14
Workers	75	(X)	23	(X)	52	65	92
Forms with—							
1 worker	6	3	3	7	7	1	3
2 workers	2	3	6	4	8	2	1
3 or 4 workers	6	1	(D)	5	16	6	2
5 to 9 workers	6	2	(D)	2	(D)	5	3
10 workers or more	1	–	–	1	(D)	1	5

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	46	(X)	29	(X)	25	(X)	24	(X)
Any cattle, hogs, or sheep	37	(X)	28	(X)	19	(X)	23	(X)
Sales:								
Any livestock or poultry and their products $1,000	40	1 273	31	838	22	1 257	25	833
Any cattle, hogs, or sheep $1,000	34	1 245	30	(NA)	20	1 234	24	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	34	5 843	27	8 201	18	5 673	22	8 060
Cows and heifers that had calved	33	2 725	24	4 484	17	2 635	21	4 390
Beef cows	29	2 684	23	4 378	16	2 605	20	4 284
Milk cows	12	41	7	106	8	30	7	106
Heifers and heifer calves	26	1 919	(NA)	(NA)	16	1 871	21	2 439
Steers, steer calves, bulls and bull calves	30	1 199	(NA)	(NA)	16	1 167	19	1 231
Sales:								
Cattle and calves	32	4 115	27	3 821	20	4 065	22	3 797
$1,000	(X)	1 197	(X)	(NA)	(X)	1 188	(X)	720
Calves	21	2 522	(NA)	(NA)	11	2 484	15	2 263
$1,000	(X)	603	(X)	(NA)	(X)	598	(X)	313
Cattle	19	1 593	(NA)	(NA)	15	1 581	19	1 534
$1,000	(X)	594	(X)	(NA)	(X)	589	(X)	407
Fattened cattle	1	(D)	(NA)	(NA)	1	(D)	3	87
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	33
Dairy products $1,000	2	(D)	(NA)	(NA)	1	(D)	3	(D)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	8	528	9	158	4	(D)	8	(D)
Used or to be used for breeding	6	(D)	(NA)	(NA)	4	(D)	6	(D)
Other hogs and pigs	8	(D)	(NA)	(NA)	4	(D)	7	132
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	6	130	7	57	4	(D)	6	(D)
Dec. 1 of preceding year and May 31	4	(D)	5	25	3	(D)	4	(D)
June 1 and Nov. 30	6	(D)	5	32	4	(D)	4	(D)
Sheep and lambs	3	(D)	2	(D)	2	(D)	1	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	2	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	26	221	15	141	16	150	13	(D)
Sales:								
Hogs and pigs	6	522	4	279	4	(D)	3	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	5
Feeder pigs	5	166	3	232	3	(D)	2	(D)
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	2	(D)	2	(D)	2	(D)	1	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	6	22	5	10	3	(D)	5	10
$1,000	(X)	22	(X)	(NA)	(X)	(D)	(X)	4
POULTRY								
Inventory:								
Any poultry	10	(X)	7	(X)	5	(X)	6	(X)
Chickens 3 months old or older	9	207	7	2 949	4	125	6	(D)
Hens and pullets of laying age	9	207	7	2 933	4	125	6	(D)
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)	1	(D)	–	–	1	(D)
Turkeys	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	2	(X)	(NA)	(X)	–	(X)	3	(X)
Sales:								
Any poultry	3	(X)	4	(X)	1	(X)	4	(X)
Chickens 3 months old or older	–	–	2	(D)	–	–	2	(D)
Hens and pullets of laying age	–	–	2	(D)	–	–	2	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	2	(X)
Poultry and poultry products $1,000	2	(D)	5	30	–	–	5	30

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	9	296	(X)	9	296	8	(D)	(X)	8	(D)
	1974	10	241	(X)	(NA)	(NA)	8	(D)	(X)	8	225
For grain or seed (bushels)	1978	6	76	6 050	6	76	5	(D)	(D)	5	(D)
	1974	9	124	4 602	(NA)	(NA)	8	(D)	(D)	8	118
For silage or green chop (tons, green)	1978	5	220	3 508	5	220	5	220	3 508	5	220
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	99	1 550	4	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	3	111	5 108	(NA)	(NA)	3	111	5 108	2	(D)
Oats for grain (bushels)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
Barley for grain (bushels)	1978	5	255	9 070	4	125	5	255	9 070	4	125
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
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	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	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	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	42	2 132	7 023	40	2 107	28	1 928	6 358	27	1 918
	1974	27	1 813	5 705	(NA)	(NA)	21	1 673	5 373	18	1 428
Alfalfa hay (tons, dry)	1978	40	2 086	6 902	38	2 061	28	1 889	6 249	27	1 879
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	1 582	5 123	16	1 347
Other tame dry hay (tons, dry) (see text)	1978	2	(D)	(D)	2	(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	6	70	(X)	6	70	5	(D)	(X)	5	(D)
	1974	5	54	(X)	(NA)	(NA)	5	54	(X)	4	53
Sweet corn	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	13	67	(X)	12	58	6	54	(X)	5	45
	1974	8	109	(X)	(NA)	(NA)	7	(D)	(X)	5	57
Apples (pounds)	1978	8	20	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	63	761 626	(NA)	(NA)
Peaches (pounds)	1978	9	23	(D)	(NA)	(NA)	5	21	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	22	322 350	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	7	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	1	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(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	348	460 481	337	459 917	265	428 650	251	410 090
Average size of farm	(X)	1 323	(X)	1 365	(X)	1 618	(X)	1 634
Approximate land area	(X)	2 112 000	(X)	2 112 000	(X)	2 112 000	(X)	2 112 000
Proportion in farms ... percent	(X)	21.8	(X)	21.8	(X)	20.3	(X)	19.4
Value of land and buildings:[1]								
Average per farm ... dollars	328 771	(X)	191 902	(X)	423 781	(X)	223 741	(X)
Average per acre ... dollars	(X)	267	(X)	141	(X)	262	(X)	137
Land in farms according to use:								
Total cropland	321	75 712	312	65 854	245	(D)	237	58 475
Harvested cropland	306	47 220	304	43 255	236	45 754	233	41 175
By acres harvested:								
1 to 9 acres	27	146	24	(NA)	7	41	2	(NA)
10 to 19 acres	40	550	24	(NA)	16	233	9	(NA)
20 to 29 acres	35	790	36	(NA)	19	436	14	(NA)
30 to 49 acres	32	1 243	36	(NA)	26	1 023	29	(NA)
50 to 99 acres	41	2 673	52	(NA)	39	(D)	51	(NA)
100 to 199 acres	60	8 661	57	(NA)	59	(D)	56	(NA)
200 to 499 acres	53	15 467	60	(NA)	52	(D)	57	(NA)
500 to 999 acres	11	7 197	12	(NA)	11	7 197	12	(NA)
1,000 acres or more	7	10 493	3	(NA)	7	10 493	3	(NA)
Cropland used only for pasture	148	12 481	135	15 726	109	(D)	88	10 726
Other cropland	105	16 011	103	6 873	77	(D)	89	6 574
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	190	(NA)	(NA)	4	(D)	9	678
Cropland on which all crops failed	15	610	(NA)	(NA)	9	(D)	16	973
Cropland in cultivated summer fallow	29	4 346	(NA)	(NA)	25	4 310	27	1 286
Cropland idle	72	10 865	(NA)	(NA)	53	8 651	51	3 637
Total woodland	13	14 759	16	12 898	11	(D)	12	10 341
Woodland pastured	10	(D)	(NA)	(NA)	8	(D)	8	8 560
Woodland not pastured	4	(D)	(NA)	(NA)	4	(D)	4	1 781
Other land	239	370 010	260	381 165	196	345 031	196	341 274
Pastureland and rangeland, other than cropland and woodland pastured	149	358 178	(NA)	(NA)	127	333 542	135	329 841
Land in house lots, ponds, roads, wasteland, etc	153	11 832	(NA)	(NA)	121	11 489	135	11 433
Pastureland, all types	247	381 382	(NA)	(NA)	193	353 812	(NA)	349 127
Irrigated land	312	48 986	282	46 384	238	47 139	234	44 160
Harvested cropland irrigated	298	43 739	(NA)	(NA)	230	42 375	226	39 873
Pastureland irrigated	79	4 462	(NA)	(NA)	60	(D)	(NA)	4 050
Other land irrigated	20	785	(NA)	(NA)	18	(D)	9	237
Land set aside in the federal farm programs in 1978	36	1 159	(X)	(X)	36	1 159	(X)	(X)

[1]1978 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]	348	15 334	337	11 715	265	15 061	251	11 454
Average per farm ... dollars	(X)	44 063	(X)	34 763	(X)	56 834	(X)	45 633
Farms by value of agricultural products sold:[1]								
$100,000 or more	35	9 561	18	(NA)	35	9 561	18	(NA)
$40,000 to $99,999	48	2 856	51	(NA)	48	2 856	51	(NA)
$20,000 to $39,999	54	1 585	50	(NA)	54	1 585	50	(NA)
$10,000 to $19,999	40	574	56	(NA)	40	574	56	(NA)
$5,000 to $9,999	47	338	39	(NA)	47	338	39	(NA)
$2,500 to $4,999	41	148	30	(NA)	41	148	30	(NA)
Less than $2,500 (see text)	80	95	88	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	17	38	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	14	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	17	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	32	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	178	5	(NA)	(X)	(X)	(X)	(X)
Crops	192	7 107	208	(D)	157	7 063	(NA)	(D)
Grains	116	985	(NA)	(NA)	107	976	114	1 454
Commodity Credit Corporation loans	13	102	(NA)	(NA)	11	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	146	3 777	(NA)	(NA)	120	3 743	111	2 848
Vegetables, sweet corn, and melons	4	(D)	(NA)	(NA)	4	(D)	5	(D)
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Nursery and greenhouse products	4	(D)	1	(D)	4	(D)	1	(D)
Other crops	16	2 237	(NA)	(NA)	15	(D)	14	1 869
Livestock, poultry, and their products	257	8 227	256	5 382	212	7 998	201	(D)
Poultry and poultry products	5	1	6	1	5	1	5	(D)
Dairy products	11	1 058	(NA)	(NA)	9	(D)	7	202
Cattle and calves	188	4 655	(NA)	(NA)	158	4 541	163	3 658
Hogs and pigs	16	19	(NA)	(NA)	13	18	15	9
Sheep, lambs, and wool	117	2 481	(NA)	(NA)	102	2 369	95	1 386
Other livestock and livestock products (see text)	14	14	(NA)	(NA)	11	(D)	8	(D)

[1]1974 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	348	337	460 481	306	356 066	47 220	312	366 026	45 862	48 986
Farms with—										
1 to 9 acres	16	7	57	7	37	32	8	43	29	40
10 to 49 acres	45	26	1 348	40	1 223	721	42	1 303	721	779
50 to 69 acres	18	15	1 010	18	1 010	510	18	1 010	510	625
70 to 99 acres	36	18	3 011	34	2 838	1 236	34	2 838	1 236	1 472
100 to 139 acres	16	16	1 865	16	1 865	696	15	1 762	596	831
140 to 179 acres	17	15	2 699	16	2 525	1 333	17	2 699	1 333	1 367
180 to 219 acres	9	23	1 767	9	1 767	1 230	9	1 767	1 230	1 382
220 to 259 acres	19	19	4 439	18	4 201	2 350	19	4 439	2 350	2 369
260 to 499 acres	44	53	15 377	42	14 582	8 530	40	13 931	8 235	8 652
500 to 999 acres	38	46	26 193	32	21 863	8 053	34	23 373	8 053	8 919
1,000 to 1,999 acres	36	40	51 318	33	47 139	8 769	33	47 139	8 769	9 361
2,000 acres or more	54	59	351 397	41	257 016	13 760	43	265 722	12 800	13 189

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	348	460 481	337	459 917	265	428 650	251	410 090
Harvested cropland	306	47 220	304	43 255	236	45 754	233	41 175
Tenure of operator:								
Full owners	239	174 745	247	196 413	171	(D)	173	(D)
Harvested cropland	209	29 297	(NA)	28 961	153	28 207	(NA)	27 340
Part owners	93	274 042	82	256 452	79	254 185	71	235 592
Harvested cropland	84	16 144	(NA)	13 771	71	(D)	(NA)	13 322
Tenants	16	11 694	8	7 052	15	(D)	7	(D)
Harvested cropland	13	1 779	(NA)	523	12	(D)	(NA)	513
Type of organization:								
Individual or family	272	273 517	(NA)	(NA)	199	266 720	223	320 711
Partnership	48	77 640	(NA)	(NA)	41	74 859	16	45 386
Corporation	21	84 177	(NA)	(NA)	21	84 177	10	(D)
Other—cooperative, estate or trust, institutional, etc.	7	25 147	(NA)	(NA)	4	2 894	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	182	192	167	170
Other	166	128	98	69
Operators by age group:				
Under 25 years	4	–	3	–
25 to 34 years	41	42	34	22
35 to 44 years	55	56	49	44
45 to 54 years	96	93	76	76
55 to 64 years	86	85	60	68
65 years and over	66	44	43	29
Average age	52.1	51.1	51.1	51.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	146	77	117	65
Not on farm operated	166	171	119	116
Not reported	36	72	29	58
Operators reporting days of work off farm:				
None	142	101	122	89
1 to 49 days	28	16	24	16
50 to 99 days	13	6	11	4
100 to 149 days	13	5	7	5
150 to 199 days	25	45	22	21
200 days or more	109	93	66	56

[1]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	165	2 852	132	1 296	140	2 829	101	1 274
Feed for livestock and poultry	207	1 104	189	907	162	1 084	145	883
Commercially mixed formula feeds	33	515	114	341	31	(D)	91	330
Animal health costs	165	69	(NA)	(NA)	138	67	134	39
Seeds, bulbs, plants, and trees	129	478	163	366	122	476	127	362
Commercial fertilizer	141	610	157	617	127	606	135	612
Other agricultural chemicals including lime	130	164	134	80	125	163	127	79
Hired farm labor	162	1 216	133	809	149	1 188	118	769
Contract labor	23	86	24	67	23	86	19	66
Customwork, machine hire, and rental of machinery and equipment	180	208	186	189	128	193	138	179
Energy and petroleum products	339	1 932	(NA)	(NA)	249	1 882	(NA)	(NA)
Petroleum products	339	752	329	659	249	718	245	623
Gasoline	327	488	(NA)	(NA)	247	463	231	383
Diesel fuel	198	189	(NA)	(NA)	171	184	154	174
LP gas, butane, and propane	30	15	(NA)	(NA)	25	15	38	12
Fuel oil	21	7	(NA)	(NA)	15	5		
Natural gas	–	–	(NA)	(NA)	–	–	245	55
Kerosene, motor oil, and grease	335	53	(NA)	(NA)	245	50		
Electricity	221	1 176	(NA)	(NA)	202	1 161	(NA)	(NA)
Other—coal, wood, coke, etc.	8	3	(NA)	(NA)	8	3	(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	140	18 119	126	17 748	135	17 249
Cropland fertilized, except pasture	140	(D)	126	(D)	(NA)	16 800
Pasture and rangeland fertilized	2	(D)	2	(D)	(NA)	449
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	89	15 333	87	(D)	(NA)	15 571
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	2	(D)	2	(D)	6	399
Weeds, grass, or brush in crops and pasture	69	5 895	65	5 848	(NA)	3 459
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	2	(D)
Insect control on livestock and poultry	45	(X)	42	(X)	22	(X)
Sanitation and rodent and bird control	14	(X)	14	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	349	324	249	244
$1,000	13 282	8 366	11 659	7 674
Average per farm — dollars	38 057	25 821	46 822	31 451
Farms by value group:				
$1 to $4,999	43	34	33	14
$5,000 to $9,999	89	80	36	37
$10,000 to $19,999	70	60	42	49

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	28	57	28	54
$30,000 to $49,999	47	58	44	56
$50,000 to $69,999	14	18	14	17
$70,000 to $99,999	4	17	4	17
$100,000 to $199,999	43		38	
$200,000 or more	11		10	

	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	188	281	85	115	127	166	196	266	146
Motortrucks including pickups	302	593	122	179	241	414	290	601	217
Wheel tractors	311	579	98	128	278	451	292	573	110
Grain and bean combines, self-propelled only	43	68	3	3	40	65	39	39	13
Corn heads for combines	1	(D)	1	(D)	–	–	2	(D)	1
Other cornpickers and picker-shellers	–	–	–	–	–	–	10	10	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	141	153	57	64	87	89	53	53	22
Pickup balers	185	243	72	90	130	153	206	230	69
Field forage harvesters, shear bar or flywheel type	32	40	16	20	19	20	33	37	10

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	162	62	(X)	141	(X)	149	118
Workers	769	(X)	125	(X)	644	744	771
Farms with—							
1 worker	52	27	27	43	43	45	18
2 workers	37	21	42	41	82	37	32
3 or 4 workers	42	9	29	32	110	36	32
5 to 9 workers	16	5	27	14	89	16	16
10 workers or more	15	–	–	11	320	15	20

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	
	Forms	Number	Forms	Number	Forms	Number	Forms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	281	(X)	273	(X)	217	(X)	209	(X)
Any cattle, hogs, or sheep	263	(X)	265	(X)	208	(X)	203	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	257	8 227	256	5 382	212	7 998	201	(D)
Any cattle, hogs, or sheep ... $1,000	250	7 155	254	(NA)	207	6 927	200	5 053
CATTLE AND CALVES								
Inventory:								
Cattle and calves	211	22 294	233	22 887	168	21 564	173	21 336
Cows and heifers that had calved	177	9 054	199	9 982	143	8 690	149	9 192
Beef cows	157	8 251	182	9 486	127	7 894	135	8 705
Milk cows	48	803	48	496	41	796	41	487
Heifers and heifer calves	171	6 275	(NA)	(NA)	142	6 045	144	6 141
Steers, steer calves, bulls and bull calves	175	6 965	(NA)	(NA)	143	6 829	155	6 003
Sales:								
Cattle and calves	188	12 321	209	13 630	158	12 006	163	13 210
$1,000	(X)	4 655	(X)	(NA)	(X)	4 541	(X)	3 658
Calves	110	3 537	(NA)	(NA)	100	3 485	85	3 330
$1,000	(X)	882	(X)	(NA)	(X)	869	(X)	494
Cattle	145	8 784	(NA)	(NA)	119	8 521	137	9 880
$1,000	(X)	3 773	(X)	(NA)	(X)	3 672	(X)	3 164
Fattened cattle	24	(D)	(NA)	(NA)	20	(D)	24	1 664
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	472
Dairy products ... $1,000	11	1 058	(NA)	(NA)	9	(D)	7	202
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	36	265	32	220	27	206	25	177
Used or to be used for breeding	14	55	(NA)	(NA)	10	48	16	55
Other hogs and pigs	32	210	(NA)	(NA)	23	158	21	122
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	14	33	19	43	10	26	16	39
Dec. 1 of preceding year and May 31	13	23	15	31	9	16	13	(D)
June 1 and Nov. 30	8	10	11	12	8	10	9	(D)
Sheep and lambs	118	46 438	113	56 292	100	44 786	95	53 167
Ewes 1 year old or older	116	31 556	(NA)	-(NA)	98	30 214	85	33 266
Goats	3	14	(NA)	(NA)	2	(D)	2	(D)
Horses and ponies	145	461	126	422	112	370	95	332
Sales:								
Hogs and pigs	16	344	21	188	13	324	15	160
$1,000	(X)	19	(X)	(NA)	(X)	18	(X)	9
Feeder pigs	3	47	7	72	1	(D)	6	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	1
Sheep and lambs	116	36 782	112	43 126	101	35 562	95	41 701
Sheep and lambs shorn	114	38 951	(NA)	(NA)	99	37 406	87	35 567
Pounds of wool	(X)	390 604	(X)	(NA)	(X)	375 604	(X)	363 970
Sheep, lambs, and wool ... $1,000	117	2 481	(NA)	(NA)	102	2 369	95	1 386
Goats	–	–	(NA)	(NA)	–	–	2	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(D)
Horses and ponies	8	11	7	20	6	(D)	6	(D)
$1,000	(X)	4	(X)	(NA)	(X)	(D)	(X)	2
POULTRY								
Inventory:								
Any poultry	39	(X)	39	(X)	26	(X)	25	(X)
Chickens 3 months old or older	35	846	37	1 306	22	553	23	780
Hens and pullets of laying age	34	794	36	1 247	21	(D)	22	(D)
Pullets 3 months old or older	4	52	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	4	8	(NA)	(NA)	4	8	1	(D)
Broilers and other meat-type chickens	6	53	2	(D)	4	(D)	1	(D)
Turkeys	4	65	(NA)	(NA)	2	(D)	4	31
Turkeys for slaughter	4	40	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	3	25	(NA)	(NA)	2	(D)	3	(D)
Other poultry	8	(X)	(NA)	(X)	5	(X)	5	(X)
Sales:								
Any poultry	1	(X)	–	(X)	1	(X)	–	(X)
Chickens 3 months old or older	1	(D)	–	–	1	(D)	–	–
Hens and pullets of laying age	1	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products ... $1,000	5	1	6	1	5	1	5	(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	40	1 321	(X)	40	1 321	37	1 277	(X)	37	1 277
	1974	60	2 595	(X)	(NA)	(NA)	58	(D)	(X)	54	2 486
For grain or seed (bushels)	1978	5	186	14 690	5	186	5	186	14 690	5	186
	1974	3	65	1 528	(NA)	(NA)	3	(D)	1 528	3	65
For silage or green chop (tons, green)	1978	35	1 135	16 223	35	1 135	32	1 091	15 671	32	1 091
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	42	2 069	35 671	42	2 069
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	445	(X)	10	352
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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)	(D)	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	41	1 093	40 705	35	728	37	1 060	38 957	31	695
	1974	77	2 563	99 891	(NA)	(NA)	64	2 490	97 061	55	1 930
Oats for grain (bushels)	1978	29	247	15 427	27	210	25	205	14 007	24	198
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	280	27 040	19	245
Barley for grain (bushels)	1978	143	7 169	506 963	138	6 734	129	7 095	503 642	124	6 660
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	121	7 364	499 639	119	7 261
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)	3	19	(X)	3	19
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	16	3 051	628 383	16	3 051	15	(D)	(D)	15	(D)
	1974	16	2 413	529 600	(NA)	(NA)	14	(D)	(D)	14	2 411
Sweetpotatoes (bushels)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	280	35 691	119 852	269	33 028	215	34 412	116 870	209	31 840
	1974	271	27 565	95 836	(NA)	(NA)	217	26 013	91 600	210	25 494
Alfalfa hay (tons, dry)	1978	272	31 155	109 919	263	30 424	209	29 951	106 995	204	29 269
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	215	24 879	89 660	208	24 492
Other tame dry hay (tons, dry) (see text)	1978	7	219	550	5	119	5	(D)	(D)	4	(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	4	18	(X)	4	18	4	18	(X)	4	18
	1974	6	23	(X)	(NA)	(NA)	5	(D)	(X)	5	21
Sweet corn	1978	4	15	(X)	4	15	4	15	(X)	4	15
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	20	(X)	4	20
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	5	20	(X)	5	20	1	(D)	(X)	1	(D)
	1974	3	5	(X)	(NA)	(NA)	3	5	(X)	3	5
Apples (pounds)	1978	3	11	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	29	(X)	4	29	4	29	(X)	4	29
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	222	254 228	201	156 760	169	207 002	150	139 956
Average size of farm	(X)	1 145	(X)	780	(X)	1 225	(X)	933
Approximate land area	(X)	2 183 680	(X)	2 183 680	(X)	2 183 680	(X)	2 183 680
Proportion in farms ... percent	(X)	11.6	(X)	7.2	(X)	9.5	(X)	6.4
Value of land and buildings:[1]								
Average per farm ... dollars	390 671	(X)	108 005	(X)	399 030	(X)	126 813	(X)
Average per acre ... dollars	(X)	300	(X)	138	(X)	325	(X)	136
Land in farms according to use:								
Total cropland	206	67 485	196	60 386	160	62 575	145	(D)
Harvested cropland	198	31 573	189	25 724	158	29 978	143	23 218
By acres harvested:								
1 to 9 acres	4	27	6	(NA)	–	–	1	(NA)
10 to 19 acres	20	265	16	(NA)	6	69	4	(NA)
20 to 29 acres	17	391	17	(NA)	10	236	8	(NA)
30 to 49 acres	40	1 554	37	(NA)	30	1 191	26	(NA)
50 to 99 acres	40	2 759	45	(NA)	36	2 542	38	(NA)
100 to 199 acres	33	4 406	31	(NA)	33	4 406	31	(NA)
200 to 499 acres	30	(D)	23	(NA)	30	(D)	22	(NA)
500 to 999 acres	9	(D)	13	(NA)	8	(D)	12	(NA)
1,000 acres or more	5	6 037	1	(NA)	5	6 037	1	(NA)
Cropland used only for pasture	103	14 060	105	16 306	78	11 860	74	(D)
Other cropland	123	21 852	107	18 356	101	20 737	88	16 194
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	17	1 131	(NA)	(NA)	15	(D)	22	1 978
Cropland on which all crops failed	30	1 531	(NA)	(NA)	27	(D)	35	1 258
Cropland in cultivated summer fallow	77	16 679	(NA)	(NA)	66	16 380	67	12 004
Cropland idle	66	2 511	(NA)	(NA)	52	2 018	15	954
Total woodland	–	–	5	4 370	–	–	4	(D)
Woodland pastured	–	–	(NA)	(NA)	–	–	2	(D)
Woodland not pastured	–	–	(NA)	(NA)	–	–	4	(D)
Other land	140	186 743	113	92 004	111	144 427	93	84 869
Pastureland and rangeland, other than cropland and woodland pastured	92	180 376	(NA)	(NA)	78	142 194	59	82 526
Land in house lots, ponds, roads, wasteland, etc	99	6 367	(NA)	(NA)	77	2 233	74	2 343
Pastureland, all types	157	194 436	(NA)	(NA)	124	154 054	(NA)	(D)
Irrigated land	164	19 449	144	14 129	130	17 508	114	12 594
Harvested cropland irrigated	155	15 257	(NA)	(NA)	126	14 111	112	10 423
Pastureland irrigated	38	3 997	(NA)	(NA)	29	3 230	(NA)	2 049
Other land irrigated	17	195	(NA)	(NA)	13	167	5	122
Land set aside in the federal farm programs in 1978	71	4 182	(X)	(X)	64	4 053	(X)	(X)

[1] 1978 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]	222	4 631	201	3 133	169	4 386	150	2 908
Average per farm ... dollars	(X)	20 861	(X)	15 587	(X)	25 953	(X)	19 387
Farms by value of agricultural products sold:[1]								
$100,000 or more	9	1 690	6	(NA)	9	1 690	6	(NA)
$40,000 to $99,999	19	1 171	10	(NA)	19	1 171	10	(NA)
$20,000 to $39,999	21	610	18	(NA)	21	610	18	(NA)
$10,000 to $19,999	32	453	34	(NA)	32	453	34	(NA)
$5,000 to $9,999	47	315	36	(NA)	47	315	36	(NA)
$2,500 to $4,999	41	148	42	(NA)	41	148	42	(NA)
Less than $2,500 (see text)	51	(D)	53	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	11	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	14	23	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	9	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	17	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	138	1 192	144	1 159	111	1 115	(NA)	1 103
Grains	114	710	(NA)	(NA)	96	664	100	686
Commodity Credit Corporation loans	22	61	(NA)	(NA)	20	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	62	473	(NA)	(NA)	46	444	53	390
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Fruits, nuts, and berries	3	4	(NA)	(NA)	1	(D)	2	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Livestock, poultry, and their products	159	3 439	148	1 974	130	3 271	110	1 805
Poultry and poultry products	3	(Z)	3	2	3	(Z)	2	(D)
Dairy products	9	88	(NA)	(NA)	7	(D)	6	123
Cattle and calves	133	2 959	(NA)	(NA)	115	2 803	103	1 392
Hogs and pigs	14	22	(NA)	(NA)	13	(D)	7	(D)
Sheep, lambs, and wool	27	357	(NA)	(NA)	19	349	18	226
Other livestock and livestock products (see text)	13	13	(NA)	(NA)	11	(D)	14	51

[1] 1974 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	222	201	254 228	198	197 373	31 573	164	175 694	25 148	19 449
Farms with—										
1 to 9 acres	10	3	17	1	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	28	29	888	26	(D)	(D)	22	(D)	(D)	(D)
50 to 69 acres	12	12	679	12	679	423	10	569	372	391
70 to 99 acres	13	17	1 116	13	1 116	695	13	1 116	695	590
100 to 139 acres	19	17	2 296	18	2 185	1 140	19	2 296	1 140	914
140 to 179 acres	19	10	3 024	16	2 569	1 051	12	1 909	687	594
180 to 219 acres	11	14	2 192	11	2 192	672	7	1 413	440	462
220 to 259 acres	11	8	2 643	10	2 413	437	7	1 695	213	190
260 to 499 acres	31	22	11 731	31	11 731	3 750	26	9 945	3 153	3 104
500 to 999 acres	20	26	15 375	18	13 875	4 971	13	9 575	3 571	2 198
1,000 to 1,999 acres	22	27	31 672	20	28 368	4 978	15	21 254	3 898	3 656
2,000 acres or more	26	16	182 595	22	131 411	12 901	19	125 209	10 526	6 855

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	222	254 228	201	156 760	169	207 002	150	139 956
Harvested cropland	198	31 573	189	25 724	158	29 978	143	23 218
Tenure of operator:								
Full owners	133	89 642	129	50 234	90	(D)	92	(D)
Harvested cropland	114	10 989	(NA)	11 053	83	(D)	(NA)	10 099
Part owners	84	159 895	67	105 782	75	156 752	56	94 445
Harvested cropland	81	20 013	(NA)	14 483	73	19 185	(NA)	13 065
Tenants	5	4 691	5	744	4	(D)	2	(D)
Harvested cropland	3	571	(NA)	188	2	(D)	(NA)	54
Type of organization:								
Individual or family	175	125 963	(NA)	(NA)	127	120 002	126	106 141
Partnership	37	29 587	(NA)	(NA)	34	(D)	19	29 351
Corporation	7	41 778	(NA)	(NA)	7	41 778	2	(D)
Other—cooperative, estate or trust, institutional, etc.	3	56 900	(NA)	(NA)	1	(D)	3	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	95	98	85	91
Other	127	96	84	54
Operators by age group:				
Under 25 years	–	3	–	3
25 to 34 years	31	10	27	6
35 to 44 years	34	22	21	16
45 to 54 years	53	53	42	38
55 to 64 years	62	67	45	49
65 years and over	42	39	34	33
Average age	51.8	54.6	52.0	54.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	93	54	82	45
Not on farm operated	91	118	60	83
Not reported	38	22	27	17
Operators reporting days of work off farm:				
None	68	58	63	54
1 to 49 days	7	16	6	10
50 to 99 days	3	7	2	5
100 to 149 days	13	4	10	3
150 to 199 days	26	23	17	17
200 days or more	96	63	65	36

[1]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	96	1 123	84	681	89	1 109	68	647
Feed for livestock and poultry	150	496	119	388	148	(D)	89	350
Commercially mixed formula feeds	25	45	69	236	24	(D)	58	208
Animal health costs	134	33	(NA)	(NA)	132	(D)	72	21
Seeds, bulbs, plants, and trees	120	93	95	59	106	76	79	55
Commercial fertilizer	72	84	64	97	61	75	52	84
Other agricultural chemicals including lime	110	77	83	37	98	69	69	35
Hired farm labor	97	345	94	164	89	314	77	126
Contract labor	31	31	8	6	31	31	6	(D)
Customwork, machine hire, and rental of machinery and equipment	116	185	114	73	92	153	88	65
Energy and petroleum products	217	522	(NA)	(NA)	197	509	(NA)	(NA)
Petroleum products	217	382	195	232	197	371	148	216
Gasoline	207	213	(NA)	(NA)	187	205	146	133
Diesel fuel	157	134	(NA)	(NA)	151	132	124	60
LP gas, butane, and propane	35	9	(NA)	(NA)	35	9	12	3
Fuel oil	49	9	(NA)	(NA)	49	9		
Natural gas	–	–	(NA)	(NA)	–	–	148	19
Kerosene, motor oil, and grease	217	17	(NA)	(NA)	197	16		
Electricity	129	135	(NA)	(NA)	116	133	(NA)	(NA)
Other—coal, wood, coke, etc.	24	5	(NA)	(NA)	24	5	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	69	4 627	58	4 207	52	5 670
Cropland fertilized, except pasture	69	(D)	58	(D)	(NA)	5 115
Pasture and rangeland fertilized	1	(D)	1	(D)	(NA)	555
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	78	8 260	71	7 600	(NA)	4 285
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	–	–	–	–	1	(D)
Weeds, grass, or brush in crops and pasture	58	3 404	46	3 044	(NA)	3 616
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	3	211
Insect control on livestock and poultry	35	(X)	29	(X)	17	(X)
Sanitation and rodent and bird control	21	(X)	15	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	217	194	197	144
— $1,000	6 558	4 067	6 270	3 509
Average per farm — dollars	30 223	20 964	31 829	24 368
Farms by value group:				
$1 to $4,999	10	35	10	16
$5,000 to $9,999	49	42	36	25
$10,000 to $19,999	65	42	65	33

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	7	34	1	31
$30,000 to $49,999	44	26	44	26
$50,000 to $69,999	19	9	19	8
$70,000 to $99,999	13	6	12	5
$100,000 to $199,999	9		9	
$200,000 or more	1		1	

	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	133	174	53	64	84	110	141	196	94
Motortrucks including pickups	207	376	99	139	147	237	173	320	98
Wheel tractors	185	325	35	55	170	270	169	317	68
Grain and bean combines, self-propelled only	57	58	12	12	46	46	46	48	11
Corn heads for combines	5	5	–	–	5	5	1	(D)	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	6	6	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	85	86	25	25	60	61	42	43	9
Pickup balers	139	148	23	26	117	122	113	114	30
Field forage harvesters, shear bar or flywheel type	31	36	8	9	25	27	16	17	8

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	97	30	(X)	77	(X)	89	77
Workers	220	(X)	60	(X)	160	201	256
Farms with—							
1 worker	50	14	14	40	40	50	37
2 workers	21	10	20	17	34	14	4
3 or 4 workers	17	4	(D)	14	42	17	13
5 to 9 workers	7	2	(D)	4	(D)	6	20
10 workers or more	2	–	–	2	(D)	2	3

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	173	(X)	151	(X)	138	(X)	112	(X)
Any cattle, hogs, or sheep	161	(X)	146	(X)	131	(X)	109	(X)
Sales:								
Any livestock or poultry and their products $1,000	159	3 439	148	1 974	130	3 271	110	1 805
Any cattle, hogs, or sheep $1,000	153	3 338	144	(NA)	127	(D)	107	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	144	17 131	142	15 569	119	16 084	107	13 724
Cows and heifers that had calved	132	8 727	117	7 168	111	8 043	88	6 164
Beef cows	117	8 591	112	6 968	101	7 919	84	5 990
Milk cows	31	136	35	200	23	124	24	174
Heifers and heifer calves	119	4 034	(NA)	(NA)	105	3 816	88	3 488
Steers, steer calves, bulls and bull calves	126	4 370	(NA)	(NA)	105	4 225	91	4 072
Sales:								
Cattle and calves	133	8 909	137	6 651	115	8 154	103	6 000
$1,000	(X)	2 959	(X)	(NA)	(X)	2 803	(X)	1 392
Calves	92	3 601	(NA)	(NA)	78	2 957	57	1 605
$1,000	(X)	833	(X)	(NA)	(X)	711	(X)	207
Cattle	100	5 308	(NA)	(NA)	88	5 197	89	4 395
$1,000	(X)	2 126	(X)	(NA)	(X)	2 092	(X)	1 185
Fattened cattle	39	2 866	(NA)	(NA)	38	(D)	33	1 881
$1,000	(X)	1 304	(X)	(NA)	(X)	(D)	(X)	590
Dairy products $1,000	9	88	(NA)	(NA)	7	(D)	6	123
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	16	167	19	153	15	(D)	12	136
Used or to be used for breeding	10	44	(NA)	(NA)	10	44	7	12
Other hogs and pigs	13	123	(NA)	(NA)	12	(D)	11	124
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	10	44	10	40	10	44	7	37
Dec. 1 of preceding year and May 31	8	19	10	23	8	19	7	20
June 1 and Nov. 30	7	25	6	17	7	25	6	17
Sheep and lambs	28	6 663	22	6 749	20	6 474	17	6 662
Ewes 1 year old or older	24	3 256	(NA)	(NA)	17	3 129	15	5 633
Goats	2	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	87	340	68	274	72	285	48	220
Sales:								
Hogs and pigs	14	240	9	171	13	(D)	7	(D)
$1,000	(X)	22	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	1	(D)	2	(D)	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	27	5 249	22	6 225	19	5 092	18	6 187
Sheep and lambs shorn	23	4 637	(NA)	(NA)	16	4 514	14	5 730
Pounds of wool	(X)	55 017	(X)	(NA)	(X)	53 635	(X)	56 219
Sheep, lambs, and wool $1,000	27	357	(NA)	(NA)	19	349	18	226
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	10	17	15	32	10	17	12	26
$1,000	(X)	10	(X)	(NA)	(X)	(D)	(X)	15
POULTRY								
Inventory:								
Any poultry	18	(X)	9	(X)	11	(X)	7	(X)
Chickens 3 months old or older	16	401	9	466	10	283	7	(D)
Hens and pullets of laying age	16	(D)	9	454	10	283	7	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	–	–	2	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	5	(X)	(NA)	(X)	1	(X)	1	(X)
Sales:								
Any poultry	1	(X)	1	(X)	1	(X)	1	(X)
Chickens 3 months old or older	–	–	1	(D)	–	–	1	(D)
Hens and pullets of laying age	–	–	1	(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	–	–	1	(D)	–	–	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	1	(X)
Poultry and poultry products $1,000	3	(Z)	3	2	3	(Z)	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	35	902	(X)	35	902	34	(D)	(X)	34	(D)
	1974	35	758	(X)	(NA)	(NA)	30	607	(X)	30	607
For grain or seed (bushels)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	33	(D)	11 944	33	(D)	32	(D)	(D)	32	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	607	9 090	30	607
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	97	12 988	239 954	47	1 484	84	12 724	235 206	45	(D)
	1974	109	11 892	177 790	(NA)	(NA)	90	10 974	165 855	45	1 854
Oats for grain (bushels)	1978	12	72	3 968	11	60	12	72	3 968	11	60
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	60	2 115	7	39
Barley for grain (bushels)	1978	88	2 890	135 849	71	2 172	75	2 550	120 274	60	1 838
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	65	1 420	63 458	59	1 365
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)	3	57	(X)	2	(D)
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	5	5	915	5	5	5	5	915	5	5
	1974	3	4	463	(NA)	(NA)	2	(D)	(D)	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	165	15 342	38 259	140	10 641	133	14 361	36 046	115	9 886
	1974	166	10 378	27 173	(NA)	(NA)	123	9 186	24 724	101	6 310
Alfalfa hay (tons, dry)	1978	157	11 694	33 668	139	9 177	129	11 035	31 804	115	8 577
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	115	7 065	21 059	101	5 608
Other tame dry hay (tons, dry) (see text)	1978	9	195	301	4	78	7	(D)	(D)	3	(D)
Field seed crops	1978	4	320	(X)	4	220	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	1 071	(X)	13	244
Alfalfa seed (pounds)	1978	3	(D)	12 498	3	120	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	1 071	210 984	13	244
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Land in orchards	1978	3	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	3	45	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(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)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	128	242 531	112	205 077	87	219 157	74	191 077
Average size of farm	(X)	1 895	(X)	1 831	(X)	2 519	(X)	2 582
Approximate land area	(X)	2 498 560	(X)	2 498 560	(X)	2 498 560	(X)	2 498 560
Proportion in farms ... percent	(X)	9.7	(X)	8.2	(X)	8.8	(X)	7.6
Value of land and buildings:[1]								
Average per farm ... dollars	302 183	(X)	173 286	(X)	350 804	(X)	225 054	(X)
Average per acre ... dollars	(X)	164	(X)	95	(X)	152	(X)	87
Land in farms according to use:								
Total cropland	108	13 805	89	11 293	72	10 983	58	(D)
Harvested cropland	87	2 984	63	1 825	60	2 463	40	1 534
By acres harvested:								
1 to 9 acres	21	95	17	(NA)	13	57	4	(NA)
10 to 19 acres	26	362	15	(NA)	18	251	13	(NA)
20 to 29 acres	13	316	13	(NA)	8	199	7	(NA)
30 to 49 acres	10	355	12	(NA)	5	(D)	10	(NA)
50 to 99 acres	8	485	4	(NA)	7	(D)	4	(NA)
100 to 199 acres	6	731	–	(NA)	6	731	–	(NA)
200 to 499 acres	3	640	2	(NA)	3	640	2	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	57	8 417	55	9 252	41	6 562	37	6 283
Other cropland	27	2 404	11	216	16	1 958	7	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	8	365	(NA)	(NA)	4	240	1	(D)
Cropland on which all crops failed	9	963	(NA)	(NA)	6	(D)	3	30
Cropland in cultivated summer fallow	4	145	(NA)	(NA)	3	(D)	3	26
Cropland idle	13	931	(NA)	(NA)	7	659	4	(D)
Total woodland	18	14 585	14	9 131	14	12 267	13	(D)
Woodland pastured	13	13 387	(NA)	(NA)	10	(D)	13	(D)
Woodland not pastured	6	1 198	(NA)	(NA)	4	(D)	–	–
Other land	97	214 141	92	184 653	68	195 907	64	174 284
Pastureland and rangeland, other than cropland and woodland pastured	84	212 510	(NA)	(NA)	59	194 614	57	173 157
Land in house lots, ponds, roads, wasteland, etc	45	1 631	(NA)	(NA)	31	1 293	25	1 127
Pastureland, all types	110	234 314	(NA)	(NA)	76	212 405	(NA)	188 291
Irrigated land	98	8 030	83	4 155	66	7 120	54	3 477
Harvested cropland irrigated	78	(D)	(NA)	(NA)	52	(D)	36	1 411
Pastureland irrigated	47	5 687	(NA)	(NA)	33	5 237	(NA)	2 066
Other land irrigated	3	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	6	177	(X)	(X)	3	(D)	(X)	(X)

[1]1978 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]	128	1 679	112	949	87	1 618	74	903
Average per farm ... dollars	(X)	13 118	(X)	8 473	(X)	18 603	(X)	12 203
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	1	(NA)	2	(D)	1	(NA)
$40,000 to $99,999	7	(D)	3	(NA)	7	(D)	3	(NA)
$20,000 to $39,999	17	493	6	(NA)	17	493	6	(NA)
$10,000 to $19,999	11	151	12	(NA)	11	151	12	(NA)
$5,000 to $9,999	22	159	18	(NA)	22	159	18	(NA)
$2,500 to $4,999	28	103	32	(NA)	28	103	32	(NA)
Less than $2,500 (see text)	40	50	39	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	9	19	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	9	15	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	9	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	13	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	26	213	9	16	17	204	(NA)	(D)
Grains	7	77	(NA)	(NA)	5	(D)	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	14	113	(NA)	(NA)	9	108	5	9
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	2	(D)
Fruits, nuts, and berries	8	(D)	(NA)	(NA)	5	15	1	(D)
Nursery and greenhouse products	1	(D)	–	–	1	(D)	–	–
Other crops	–	–	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	117	1 466	109	932	82	(D)	73	(D)
Poultry and poultry products	1	(D)	2	(D)	1	(D)	1	(D)
Dairy products	7	31	(NA)	(NA)	6	(D)	3	2
Cattle and calves	109	1 284	(NA)	(NA)	78	1 241	72	803
Hogs and pigs	6	(D)	(NA)	(NA)	5	(D)	3	4
Sheep, lambs, and wool	21	127	(NA)	(NA)	15	123	12	75
Other livestock and livestock products (see text)	16	15	(NA)	(NA)	12	12	2	(D)

[1]1974 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	128	112	242 531	87	172 859	2 984	98	192 676	2 434	8 030
Forms with—										
1 to 9 acres	4	10	10	2	(D)	(D)	3	9	(D)	9
10 to 49 acres	21	5	493	17	397	196	19	448	196	260
50 to 69 acres	2	2	(D)	2	(D)	(D)	2	(D)	(D)	(D)
70 to 99 acres	2	8	(D)	1	(D)	(D)	1	(D)	(D)	(D)
100 to 139 acres	7	2	813	5	582	97	7	813	97	268
140 to 179 acres	4	2	633	3	466	341	1	(D)	(D)	(D)
180 to 219 acres	3	4	570	3	570	51	3	570	51	81
220 to 259 acres	2	–	(D)	1	(D)	(D)	–	–	–	–
260 to 499 acres	15	11	5 260	10	3 378	206	13	4 688	176	789
500 to 999 acres	22	14	15 913	15	10 998	880	15	10 923	825	1 210
1,000 to 1,999 acres	21	35	30 953	15	22 357	425	18	25 886	385	942
2,000 acres or more	25	19	187 108	13	133 647	682	16	148 977	612	4 382

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	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	128	242 531	112	205 077	87	219 157	74	191 077
Harvested cropland	87	2 984	63	1 825	60	2 463	40	1 534
Tenure of operator:								
Full owners	85	68 897	61	74 125	51	(D)	32	65 635
Harvested cropland	60	2 158	(NA)	1 225	38	1 781	(NA)	1 000
Part owners	40	167 254	44	111 118	34	162 211	38	107 688
Harvested cropland	25	(D)	(NA)	458	21	(D)	(NA)	392
Tenants	3	6 380	7	19 834	2	(D)	4	17 754
Harvested cropland	2	(D)	(NA)	142	1	(D)	(NA)	142
Type of organization:								
Individual or family	103	148 929	(NA)	(NA)	68	129 727	63	121 432
Partnership	17	40 502	(NA)	(NA)	13	38 232	5	12 270
Corporation	5	50 553	(NA)	(NA)	4	(D)	6	57 375
Other—cooperative, estate or trust, institutional, etc.	3	2 547	(NA)	(NA)	2	(D)	–	–

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	48	53	33	43
Other	80	52	54	25
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	4	2	3	2
35 to 44 years	19	19	14	11
45 to 54 years	33	27	23	17
55 to 64 years	36	17	24	8
65 years and over	36	40	23	30
Average age	57.1	58.3	56.5	59.6

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	52	36	33	29
Not on farm operated	65	51	45	28
Not reported	11	18	9	11
Operators reporting days of work off farm:				
None	33	30	20	27
1 to 49 days	6	2	6	2
50 to 99 days	12	5	10	3
100 to 149 days	4	5	4	5
150 to 199 days	11	7	6	4
200 days or more	60	38	40	19

[1]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	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	44	102	52	183	42	(D)	33	170
Feed for livestock and poultry	102	190	93	251	79	180	69	231
Commercially mixed formula feeds	38	32	70	123	31	30	55	112
Animal health costs	55	10	(NA)	(NA)	44	10	32	8
Seeds, bulbs, plants, and trees	43	14	44	5	28	11	27	2
Commercial fertilizer	40	30	31	17	25	23	17	15
Other agricultural chemicals including lime	39	10	24	2	26	10	14	2
Hired farm labor	56	158	45	92	48	140	38	89
Contract labor	12	17	5	5	9	15	4	(D)
Customwork, machine hire, and rental of machinery and equipment	47	37	35	23	37	26	24	22
Energy and petroleum products	129	203	(NA)	(NA)	96	191	(NA)	(NA)
Petroleum products	129	155	111	85	96	144	73	75
Gasoline	127	101	(NA)	(NA)	95	95	69	54
Diesel fuel	49	32	(NA)	(NA)	38	28	49	12
LP gas, butane, and propane	12	3	(NA)	(NA)	10	(D)	11	2
Fuel oil	9	5	(NA)	(NA)	8	(D)		
Natural gas	–	–	(NA)	(NA)	–	–	73	7
Kerosene, motor oil, and grease	129	14	(NA)	(NA)	96	13		
Electricity	53	47	(NA)	(NA)	42	45	(NA)	(NA)
Other—coal, wood, coke, etc.	13	2	(NA)	(NA)	9	2	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	40	1 289	25	875	17	717
Cropland fertilized, except pasture	40	1 066	25	(D)	(NA)	502
Pasture and rangeland fertilized	4	223	1	(D)	(NA)	215
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	11	252	11	252	(NA)	126
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	8	78	5	75	–	–
Weeds, grass, or brush in crops and pasture	16	894	11	838	(NA)	–
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	–	–
Insect control on livestock and poultry	17	(X)	13	(X)	6	(X)
Sanitation and rodent and bird control	5	(X)	3	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	129	103	96	69
$1,000	2 875	1 273	(D)	935
Average per farm — dollars	22 283	12 359	26 835	13 551
Farms by value group:				
$1 to $4,999	18	31	13	21
$5,000 to $9,999	45	20	22	10
$10,000 to $19,999	27	34	25	23

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT — Con.				
Estimated market value of all machinery and equipment — Con.				
$20,000 to $29,999	15	10	12	7
$30,000 to $49,999	16	7	16	7
$50,000 to $69,999	2	1	2	1
$70,000 to $99,999	–	–	–	–
$100,000 to $199,999	4	–	4	–
$200,000 or more	2		2	

	1978						1974		
	All forms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	63	98	22	23	52	75	76	104	65
Motortrucks including pickups	118	248	40	49	106	199	97	177	58
Wheel tractors	104	176	23	30	92	146	82	118	17
Grain and bean combines, self-propelled only	5	5	–	–	5	5	1	(D)	–
Corn heads for combines	6	6	–	–	6	6	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	45	45	13	13	32	32	27	27	1
Pickup balers	43	48	7	7	36	41	23	24	6
Field forage harvesters, shear bar or flywheel type	8	21	2	(D)	6	(D)	2	(D)	–

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers — All farms, 1978					Any hired workers — Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	56	17	(X)	49	(X)	48	38
Workers	182	(X)	23	(X)	159	162	89
Forms with—							
1 worker	20	13	13	17	17	18	22
2 workers	10	3	(D)	12	24	7	4
3 or 4 workers	21	1	(D)	16	53	18	6
5 to 9 workers	4	–	–	3	(D)	4	6
10 workers or more	1	–	–	1	(D)	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	123	(X)	104	(X)	84	(X)	68	(X)
Any cattle, hogs, or sheep	116	(X)	103	(X)	79	(X)	68	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	117	1 466	109	932	82	(D)	73	(D)
Any cattle, hogs, or sheep ... $1,000	116	(D)	107	(NA)	82	(D)	73	882
CATTLE AND CALVES								
Inventory:								
Cattle and calves	109	9 793	100	11 031	73	8 636	68	10 239
Cows and heifers that had calved	89	6 097	91	6 737	65	5 807	64	6 315
Beef cows	84	6 047	88	6 683	63	5 765	62	6 268
Milk cows	20	50	33	54	15	42	27	47
Heifers and heifer calves	97	2 058	(NA)	(NA)	67	1 596	59	2 410
Steers, steer calves, bulls and bull calves	96	1 638	(NA)	(NA)	64	1 233	60	1 514
Sales:								
Cattle and calves	109	4 652	101	6 381	78	(D)	72	6 055
$1,000	(X)	1 284	(X)	(NA)	(X)	(D)	(X)	803
Calves	76	2 947	(NA)	(NA)	55	(D)	56	3 651
$1,000	(X)	764	(X)	(NA)	(X)	(D)	(X)	358
Cattle	74	1 705	(NA)	(NA)	56	(D)	60	2 404
$1,000	(X)	520	(X)	(NA)	(X)	(D)	(X)	446
Fattened cattle	8	20	(NA)	(NA)	3	12	2	(D)
$1,000	(X)	7	(X)	(NA)	(X)	5	(X)	(D)
Dairy products ... $1,000	7	31	(NA)	(NA)	6	(D)	3	2
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	14	62	8	15	11	56	4	9
Used or to be used for breeding	5	18	(NA)	(NA)	4	(D)	2	(D)
Other hogs and pigs	11	44	(NA)	(NA)	8	(D)	2	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	5	36	3	14	4	(D)	3	14
Dec. 1 of preceding year and May 31	5	22	3	12	4	(D)	3	(D)
June 1 and Nov. 30	3	14	2	(D)	3	14	2	(D)
Sheep and lambs	21	2 277	30	4 426	15	2 172	14	4 167
Ewes 1 year old or older	21	1 838	(NA)	(NA)	15	1 775	14	3 529
Goats	4	19	(NA)	(NA)	3	(D)	1	(D)
Horses and ponies	78	302	60	188	57	253	38	124
Sales:								
Hogs and pigs	6	204	3	64	5	(D)	3	64
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	4
Feeder pigs	5	147	1	(D)	4	(D)	1	(D)
$1,000	(X)	4	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	21	2 126	24	2 624	15	2 056	12	2 460
Sheep and lambs shorn	21	2 662	(NA)	(NA)	15	2 586	12	4 062
Pounds of wool	(X)	27 559	(X)	(NA)	(X)	26 681	(X)	37 112
Sheep, lambs, and wool ... $1,000	21	127	(NA)	(NA)	15	123	12	75
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	15	40	6	6	12	36	1	(D)
$1,000	(X)	15	(X)	(NA)	(X)	12	(X)	(Z)
POULTRY								
Inventory:								
Any poultry	17	(X)	29	(X)	9	(X)	18	(X)
Chickens 3 months old or older	17	290	29	742	9	185	18	295
Hens and pullets of laying age	17	(D)	13	530	9	(D)	4	145
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	33	1	(D)	2	(D)	–	–
Turkeys	–	–	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Sales:								
Any poultry	1	(X)	1	(X)	–	(X)	–	(X)
Chickens 3 months old or older	–	–	1	(D)	–	–	–	–
Hens and pullets of laying age	–	–	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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products ... $1,000	1	(D)	2	(D)	1	(D)	1	(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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	6	450	(D)	4	(D)	4	(D)	(D)	3	(D)
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
Oats for grain (bushels)	1978	5	46	(D)	4	36	3	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	12	620	3	12
Barley for grain (bushels)	1978	4	41	1 980	4	41	4	41	1 980	4	41
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
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	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	79	2 401	6 008	71	1 706	55	(D)	(D)	48	(D)
	1974	60	1 727	2 878	(NA)	(NA)	40	1 492	2 581	36	1 369
Alfalfa hay (tons, dry)	1978	74	2 139	5 597	67	1 499	51	1 755	4 870	44	1 115
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	39	1 344	2 340	36	1 247
Other tame dry hay (tons, dry) (see text)	1978	8	61	89	6	46	4	34	56	3	29
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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	3	1	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	13	53	(X)	13	53	9	46	(X)	9	46
	1974	5	14	(X)	(NA)	(NA)	3	(D)	(X)	3	12
Apples (pounds)	1978	13	49	217 885	(NA)	(NA)	9	45	203 525	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12	40 000	(NA)	(NA)
Peaches (pounds)	1978	6	1	(D)	(NA)	(NA)	3	(Z)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(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	676	553 570	652	536 409	580	492 544	555	488 274
Average size of farm	(X)	819	(X)	823	(X)	849	(X)	880
Approximate land area	(X)	4 347 520	(X)	4 347 520	(X)	4 347 520	(X)	4 347 520
Proportion in farms ... percent	(X)	12.7	(X)	12.3	(X)	11.3	(X)	11.2
Value of land and buildings:[1]								
Average per farm ... dollars	325 964	(X)	155 618	(X)	362 544	(X)	175 627	(X)
Average per acre ... dollars	(X)	374	(X)	189	(X)	397	(X)	200
Land in farms according to use:								
Total cropland	638	187 656	632	156 596	551	181 068	541	(D)
Harvested cropland	615	118 280	625	97 891	542	115 677	538	95 592
By acres harvested:								
1 to 9 acres	8	47	28	(NA)	2	(D)	5	(NA)
10 to 19 acres	40	524	26	(NA)	18	233	7	(NA)
20 to 29 acres	34	798	38	(NA)	12	283	16	(NA)
30 to 49 acres	83	3 200	83	(NA)	66	2 552	66	(NA)
50 to 99 acres	111	8 116	127	(NA)	107	7 801	122	(NA)
100 to 199 acres	136	19 384	138	(NA)	135	(D)	138	(NA)
200 to 499 acres	161	47 745	161	(NA)	161	47 745	161	(NA)
500 to 999 acres	33	21 970	21	(NA)	32	(D)	20	(NA)
1,000 acres or more	9	16 496	3	(NA)	9	16 496	3	(NA)
Cropland used only for pasture	202	30 295	186	24 797	175	28 155	158	(D)
Other cropland	291	39 081	292	33 908	256	37 236	262	32 117
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	46	4 156	(NA)	(NA)	42	4 035	50	2 503
Cropland on which all crops failed	69	3 665	(NA)	(NA)	57	3 290	62	6 195
Cropland in cultivated summer fallow	150	20 385	(NA)	(NA)	137	19 944	129	14 888
Cropland idle	147	10 875	(NA)	(NA)	128	9 967	130	8 531
Total woodland	18	5 005	16	15 703	15	4 812	14	(D)
Woodland pastured	8	3 556	(NA)	(NA)	8	3 556	9	13 417
Woodland not pastured	11	1 449	(NA)	(NA)	8	1 256	5	(D)
Other land	463	360 909	471	364 110	398	306 664	419	322 841
Pastureland and rangeland, other than cropland and woodland pastured	218	343 454	(NA)	(NA)	201	293 423	215	299 834
Land in house lots, ponds, roads, wasteland, etc	343	17 455	(NA)	(NA)	291	13 241	356	23 007
Pastureland, all types	356	377 305	(NA)	(NA)	316	325 134	(NA)	335 968
Irrigated land	590	114 717	573	93 233	520	112 026	511	91 111
Harvested cropland irrigated	584	97 094	(NA)	(NA)	518	94 970	511	84 020
Pastureland irrigated	75	15 429	(NA)	(NA)	68	15 005	(NA)	5 784
Other land irrigated	56	2 194	(NA)	(NA)	50	2 051	40	1 307
Land set aside in the federal farm programs in 1978	137	6 080	(X)	(X)	131	5 921	(X)	(X)

[1]1978 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]	676	40 615	652	24 434	580	40 227	555	24 240
Average per farm ... dollars	(X)	60 081	(X)	37 475	(X)	69 358	(X)	43 676
Farms by value of agricultural products sold:[1]								
$100,000 or more	60	26 821	39	(NA)	60	26 821	39	(NA)
$40,000 to $99,999	115	7 370	85	(NA)	115	7 370	85	(NA)
$20,000 to $39,999	115	3 310	133	(NA)	115	3 310	133	(NA)
$10,000 to $19,999	121	1 718	127	(NA)	121	1 718	127	(NA)
$5,000 to $9,999	105	786	102	(NA)	105	786	102	(NA)
$2,500 to $4,999	64	223	64	(NA)	64	223	64	(NA)
Less than $2,500 (see text)	88	104	94	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	12	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	23	40	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	25	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	32	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	8	284	8	(NA)	(X)	(X)	(X)	(X)
Crops	481	17 069	540	(D)	428	16 942	(NA)	(D)
Grains	297	2 410	(NA)	(NA)	274	2 381	399	2 813
Commodity Credit Corporation loans	37	79	(NA)	(NA)	37	79	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	362	8 218	(NA)	(NA)	328	8 121	355	5 530
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	–	–	1	(D)
Nursery and greenhouse products	2	(D)	2	(D)	2	(D)	2	(D)
Other crops	3	1 688	(NA)	(NA)	3	1 688	3	(D)
Livestock, poultry, and their products	440	23 546	435	15 857	401	23 286	391	(D)
Poultry and poultry products	15	(D)	18	99	15	(D)	16	(D)
Dairy products	48	3 886	(NA)	(NA)	46	(D)	52	3 102
Cattle and calves	395	17 865	(NA)	(NA)	372	17 818	358	11 726
Hogs and pigs	61	(D)	(NA)	(NA)	54	254	81	182
Sheep, lambs, and wool	54	1 122	(NA)	(NA)	45	1 109	51	417
Other livestock and livestock products (see text)	50	286	(NA)	(NA)	41	279	40	223

[1]1974 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	676	652	553 570	615	499 982	118 280	590	472 204	112 762	114 717
Farms with—										
1 to 9 acres	25	21	52	2	(D)	(D)	2	(D)	(D)	(D)
10 to 49 acres	85	67	2 613	73	(D)	(D)	74	(D)	(D)	(D)
50 to 69 acres	17	23	982	15	872	575	16	932	575	648
70 to 99 acres	50	46	4 048	48	3 898	2 680	46	3 738	2 560	2 676
100 to 139 acres	50	60	5 823	44	5 136	3 621	41	4 779	3 236	3 398
140 to 179 acres	44	51	7 038	41	6 598	4 197	41	6 598	4 197	4 167
180 to 219 acres	36	40	7 099	34	6 699	4 388	31	6 089	4 119	3 919
220 to 259 acres	30	24	7 056	28	6 576	4 367	27	6 356	4 351	4 334
260 to 499 acres	128	120	45 260	125	44 235	23 489	118	41 693	22 178	22 360
500 to 999 acres	97	84	69 102	96	68 253	23 814	92	65 154	22 843	23 585
1,000 to 1,999 acres	65	71	88 569	64	87 189	24 625	61	83 043	23 361	21 148
2,000 acres or more	49	45	315 928	45	268 222	24 719	41	251 506	23 587	26 691

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	676	553 570	652	536 409	580	492 544	555	488 274
Harvested cropland	615	118 280	625	97 891	542	115 677	538	95 592
Tenure of operator:								
Full owners	459	258 089	444	200 470	380	245 575	363	189 570
Harvested cropland	410	61 566	(NA)	54 573	347	59 342	(NA)	52 354
Part owners	194	277 319	178	316 608	181	234 821	173	288 930
Harvested cropland	187	52 930	(NA)	39 853	179	(D)	(NA)	39 790
Tenants	23	18 162	30	19 331	19	12 148	19	9 774
Harvested cropland	18	3 784	(NA)	3 465	16	(D)	(NA)	3 448
Type of organization:								
Individual or family	547	318 286	(NA)	(NA)	470	309 085	500	324 930
Partnership	70	114 486	(NA)	(NA)	61	113 731	35	92 886
Corporation	40	64 493	(NA)	(NA)	40	64 493	19	(D)
Other—cooperative, estate or trust, institutional, etc.	19	56 305	(NA)	(NA)	9	5 235	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	409	414	383	384
Other	267	210	197	151
Operators by age group:				
Under 25 years	14	12	11	5
25 to 34 years	84	75	72	65
35 to 44 years	128	91	109	84
45 to 54 years	156	171	134	153
55 to 64 years	163	161	148	138
65 years and over	131	114	106	90
Average age	51.0	51.6	50.9	51.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	384	289	345	272
Not on farm operated	233	227	185	172
Not reported	59	108	50	91
Operators reporting days of work off farm:				
None	265	171	248	150
1 to 49 days	56	69	51	65
50 to 99 days	19	20	16	15
100 to 149 days	38	13	33	11
150 to 199 days	53	73	47	60
200 days or more	212	155	155	117

[1]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	268	8 520	247	5 201	235	8 501	232	5 197
Feed for livestock and poultry	385	5 927	353	4 911	339	5 855	317	4 865
Commercially mixed formula feeds	142	1 317	225	1 695	125	1 278	206	1 668
Animal health costs	392	217	(NA)	(NA)	380	214	237	122
Seeds, bulbs, plants, and trees	355	656	308	286	339	649	286	279
Commercial fertilizer	401	1 492	365	729	375	1 473	341	721
Other agricultural chemicals including lime	504	940	417	462	480	936	391	459
Hired farm labor	342	3 710	277	1 107	330	3 672	263	1 099
Contract labor	59	99	26	57	53	98	23	56
Customwork, machine hire, and rental of machinery and equipment	422	737	393	472	358	717	343	457
Energy and petroleum products	673	3 911	(NA)	(NA)	579	3 849	(NA)	(NA)
Petroleum products	673	2 166	643	1 088	579	2 116	554	1 069
Gasoline	657	1 235	(NA)	(NA)	564	1 203	527	662
Diesel fuel	547	636	(NA)	(NA)	487	624	427	277
LP gas, butane, and propane	200	95	(NA)	(NA)	192	94	145	41
Fuel oil	80	51	(NA)	(NA)	79	(D)		
Natural gas	14	7	(NA)	(NA)	14	(D)	554	89
Kerosene, motor oil, and grease	673	143	(NA)	(NA)	579	137		
Electricity	479	1 665	(NA)	(NA)	431	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	75	80	(NA)	(NA)	74	(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 forms		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	385	53 061	359	52 402	341	26 304
Cropland fertilized, except pasture	385	52 693	359	52 034	(NA)	25 390
Pasture and rangeland fertilized	12	368	12	368	(NA)	914
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	456	65 769	433	65 393	(NA)	37 942
Nematodes in crops	8	188	8	188	5	276
Diseases in crops and orchards	12	276	12	276	4	470
Weeds, grass, or brush in crops and pasture	243	41 410	237	41 309	(NA)	21 119
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	58	6 657	58	6 657	24	1 609
Insect control on livestock and poultry	186	(X)	181	(X)	56	(X)
Sanitation and rodent and bird control	64	(X)	60	(X)	(NA)	(X)

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

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

	All forms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	674	615	579	522
— $1,000	33 054	17 393	31 612	15 944
Average per farm — dollars	49 041	28 281	54 598	30 544
Farms by value group:				
$1 to $4,999	54	56	25	27
$5,000 to $9,999	119	97	86	61
$10,000 to $19,999	137	129	120	112

	All forms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT — Con.				
Estimated market value of all machinery and equipment — Con.				
$20,000 to $29,999	78	117	78	113
$30,000 to $49,999	63	119	52	113
$50,000 to $69,999	81	47	80	47
$70,000 to $99,999	49		48	
$100,000 to $199,999	49	50	47	49
$200,000 or more	44		43	

	1978						1974		
	All forms		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	452	767	234	314	311	453	517	744	427
Motortrucks including pickups	612	1 490	332	468	480	1 022	559	1 132	422
Wheel tractors	603	1 478	225	319	553	1 159	559	1 331	333
Grain and bean combines, self-propelled only	260	291	78	80	190	211	199	216	45
Corn heads for combines	21	22	13	14	8	8	10	10	5
Other cornpickers and picker-shellers	2	(D)	1	(D)	1	(D)	16	16	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	309	344	127	134	209	210	74	77	21
Pickup balers	403	479	165	196	269	283	346	375	165
Field forage harvesters, shear bar or flywheel type	141	156	53	55	90	101	125	141	45

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All forms, 1978					Any hired workers—Forms 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	342	146	(X)	285	(X)	330	263
Workers	1 246	(X)	485	(X)	761	1 218	1 162
Farms with—							
1 worker	105	84	84	96	96	103	98
2 workers	90	21	42	92	184	81	46
3 or 4 workers	87	13	44	69	238	87	54
5 to 9 workers	46	26	(D)	18	107	45	35
10 workers or more	14	2	(D)	10	136	14	30

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	Forms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	485	(X)	474	(X)	430	(X)	415	(X)
Any cattle, hogs, or sheep	438	(X)	447	(X)	394	(X)	393	(X)
Sales:								
Any livestock or poultry and their products $1,000	440	23 546	435	15 857	401	23 286	391	(D)
Any cattle, hogs, or sheep $1,000	422	(D)	421	(NA)	388	19 181	381	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	413	70 005	423	66 619	378	69 274	372	65 531
Cows and heifers that had calved	355	28 257	365	29 730	327	27 873	322	29 238
Beef cows	304	24 615	312	25 251	283	24 380	274	24 862
Milk cows	117	3 642	154	4 479	109	3 493	140	4 376
Heifers and heifer calves	353	19 144	(NA)	(NA)	323	18 896	308	18 029
Steers, steer calves, bulls and bull calves	358	22 604	(NA)	(NA)	331	22 505	298	18 264
Sales:								
Cattle and calves	395	47 541	397	38 678	372	47 364	358	38 449
$1,000	(X)	17 865	(X)	(NA)	(X)	17 818	(X)	11 726
Calves	156	9 263	(NA)	(NA)	146	9 150	139	8 083
$1,000	(X)	2 110	(X)	(NA)	(X)	2 094	(X)	938
Cattle	339	38 278	(NA)	(NA)	324	38 214	312	30 366
$1,000	(X)	15 755	(X)	(NA)	(X)	15 724	(X)	10 788
Fattened cattle	127	25 421	(NA)	(NA)	123	25 416	99	16 567
$1,000	(X)	11 202	(X)	(NA)	(X)	11 200	(X)	7 018
Dairy products $1,000	48	3 886	(NA)	(NA)	46	(D)	52	3 102
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	75	2 969	103	1 828	62	2 845	97	1 790
Used or to be used for breeding	40	230	(NA)	(NA)	34	220	59	323
Other hogs and pigs	67	2 739	(NA)	(NA)	56	2 625	88	1 467
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	40	348	69	413	34	341	66	403
Dec. 1 of preceding year and May 31	33	192	58	205	27	185	55	200
June 1 and Nov. 30	26	156	58	208	26	156	55	203
Sheep and lambs	59	23 805	54	12 621	49	23 192	50	12 501
Ewes 1 year old or older	53	13 367	(NA)	(NA)	43	12 882	45	9 965
Goats	3	10	(NA)	(NA)	3	10	1	(D)
Horses and ponies	257	922	213	780	232	832	191	721
Sales:								
Hogs and pigs	61	2 970	85	3 223	54	2 916	81	3 146
$1,000	(X)	(D)	(X)	(NA)	(X)	254	(X)	182
Feeder pigs	13	341	18	247	12	(D)	16	(D)
$1,000	(X)	10	(X)	(NA)	(X)	(D)	(X)	4
Sheep and lambs	52	18 871	55	8 725	43	18 668	51	8 615
Sheep and lambs shorn	49	26 105	(NA)	(NA)	41	25 625	46	12 845
Pounds of wool	(X)	197 190	(X)	(NA)	(X)	191 867	(X)	128 170
Sheep, lambs, and wool $1,000	54	1 122	(NA)	(NA)	45	1 109	51	417
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	36	78	34	70	31	71	31	66
$1,000	(X)	29	(X)	(NA)	(X)	27	(X)	17
POULTRY								
Inventory:								
Any poultry	82	(X)	88	(X)	68	(X)	84	(X)
Chickens 3 months old or older	74	(D)	84	19 724	62	(D)	80	19 296
Hens and pullets of laying age	74	18 705	84	19 380	62	18 346	80	(D)
Pullets 3 months old or older	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	13	311	28	1 278	10	279	27	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	10	89
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	10	79
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	4	10
Other poultry	8	(X)	(NA)	(X)	4	(X)	6	(X)
Sales:								
Any poultry	10	(X)	10	(X)	10	(X)	9	(X)
Chickens 3 months old or older	3	(D)	10	(D)	3	(D)	9	(D)
Hens and pullets of laying age	3	(D)	10	(D)	3	(D)	9	(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	4	188	–	–	4	188	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	15	(D)	18	99	15	(D)	16	(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	110	5 504	(X)	110	5 504	107	5 400	(X)	107	5 400
	1974	142	5 272	(X)	(NA)	(NA)	137	5 213	(X)	137	5 213
For grain or seed (bushels)	1978	9	1 419	100 735	9	1 419	8	(D)	(D)	8	(D)
	1974	10	405	21 069	(NA)	(NA)	8	(D)	(D)	8	385
For silage or green chop (tons, green)	1978	101	4 085	68 224	101	4 085	99	(D)	(D)	99	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	131	(D)	63 181	131	4 828
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	176	17 860	475 494	108	4 443	164	17 521	470 336	104	4 423
	1974	350	19 101	552 367	(NA)	(NA)	330	18 807	548 193	239	9 066
Oats for grain (bushels)	1978	44	747	35 763	40	675	37	639	32 491	35	622
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	43	529	28 990	40	468
Barley for grain (bushels)	1978	333	17 492	1 004 852	321	16 671	309	17 103	991 991	297	16 296
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	338	13 785	745 380	317	13 317
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	40	250	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	228	(X)	4	100
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	1 561	469 870	4	1 561	4	1 561	469 870	4	1 561
	1974	3	258	32 700	(NA)	(NA)	3	258	32 700	3	258
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	524	64 046	211 511	511	57 479	469	62 463	208 281	458	55 967
	1974	524	46 629	158 140	(NA)	(NA)	458	45 317	154 895	446	44 456
Alfalfa hay (tons, dry)	1978	505	51 795	179 970	497	50 739	454	50 393	176 951	446	49 358
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	452	42 455	147 803	441	41 887
Other tame dry hay (tons, dry) (see text)	1978	15	4 909	19 653	13	1 319	14	(D)	(D)	12	(D)
Field seed crops	1978	136	14 722	(X)	133	13 943	132	14 612	(X)	130	13 853
	1974	(NA)	(NA)	(X)	(NA)	(NA)	153	12 713	(X)	153	12 621
Alfalfa seed (pounds)	1978	136	14 722	3 626 243	133	13 943	132	14 612	3 620 293	130	13 853
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	146	12 134	3 458 180	146	12 102
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	579	276 660	8	519
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Tomatoes	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	7	13	(X)	7	13	4	4	(X)	4	4
	1974	5	17	(X)	(NA)	(NA)	4	(D)	(X)	3	11
Apples (pounds)	1978	6	10	15 740	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	3	1	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	2	(D)	2	(D)	(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	198	248 634	204	274 279	138	244 877	122	264 724
Average size of farm	(X)	1 256	(X)	1 345	(X)	1 774	(X)	2 170
Approximate land area	(X)	385 920	(X)	385 920	(X)	385 920	(X)	385 920
Proportion in farms ... percent	(X)	64.4	(X)	71.1	(X)	63.5	(X)	68.6
Value of land and buildings:[1]								
Average per farm ... dollars	400 418	(X)	192 480	(X)	491 307	(X)	281 820	(X)
Average per acre ... dollars	(X)	342	(X)	143	(X)	334	(X)	130
Land in farms according to use:								
Total cropland	166	20 647	177	19 060	110	(D)	96	14 827
Harvested cropland	154	10 268	153	11 971	102	9 314	91	10 846
By acres harvested:								
1 to 9 acres	17	102	19	(NA)	7	45	6	(NA)
10 to 19 acres	30	406	30	(NA)	7	90	2	(NA)
20 to 29 acres	25	568	25	(NA)	14	322	9	(NA)
30 to 49 acres	25	900	22	(NA)	19	681	20	(NA)
50 to 99 acres	28	1 965	24	(NA)	26	(D)	21	(NA)
100 to 199 acres	17	2 551	21	(NA)	17	2 551	21	(NA)
200 to 499 acres	11	(D)	7	(NA)	11	(D)	7	(NA)
500 to 999 acres	1	(D)	5	(NA)	1	(D)	5	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	82	9 696	100	6 954	51	(D)	46	3 846
Other cropland	30	683	14	135	19	(D)	14	135
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	5	59	(NA)	(NA)	5	(D)	1	(D)
Cropland on which all crops failed	10	249	(NA)	(NA)	5	178	3	(D)
Cropland in cultivated summer fallow	4	95	(NA)	(NA)	3	(D)	6	43
Cropland idle	14	280	(NA)	(NA)	8	229	4	47
Total woodland	12	2 774	7	1 222	10	(D)	3	53
Woodland pastured	9	(D)	(NA)	(NA)	8	(D)	3	53
Woodland not pastured	3	(D)	(NA)	(NA)	2	(D)	–	–
Other land	152	225 213	148	253 997	114	223 806	92	249 844
Pastureland and rangeland, other than cropland and woodland pastured	78	219 072	(NA)	(NA)	65	217 780	66	235 133
Land in house lots, ponds, roads, wasteland, etc	117	6 141	(NA)	(NA)	84	6 026	53	14 711
Pastureland, all types	141	231 270	(NA)	(NA)	100	228 744	(NA)	239 032
Irrigated land	148	8 248	143	8 507	95	7 251	90	7 669
Harvested cropland irrigated	139	7 224	(NA)	(NA)	90	6 416	87	6 865
Pastureland irrigated	53	868	(NA)	(NA)	33	(D)	(NA)	(D)
Other land irrigated	5	156	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	16	1 281	(X)	(X)	15	(D)	(X)	(X)

[1] 1978 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]	198	6 329	204	4 316	138	6 253	122	4 231
Average per farm ... dollars	(X)	31 966	(X)	21 157	(X)	45 309	(X)	34 680
Farms by value of agricultural products sold:[1]								
$100,000 or more	20	3 274	7	(NA)	20	3 274	7	(NA)
$40,000 to $99,999	27	1 840	19	(NA)	27	1 840	19	(NA)
$20,000 to $39,999	22	619	31	(NA)	22	619	31	(NA)
$10,000 to $19,999	18	247	19	(NA)	18	247	19	(NA)
$5,000 to $9,999	22	171	21	(NA)	22	171	21	(NA)
$2,500 to $4,999	29	102	24	(NA)	29	102	24	(NA)
Less than $2,500 (see text)	59	(D)	82	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	23	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	13	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	24	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	74	301	94	(D)	43	261	(NA)	(D)
Grains	43	79	(NA)	(NA)	30	71	35	(D)
Commodity Credit Corporation loans	4	1	(NA)	(NA)	4	1	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	52	195	(NA)	(NA)	28	162	33	215
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Livestock, poultry, and their products	163	6 028	161	3 778	128	5 992	107	(D)
Poultry and poultry products	–	–	1	(D)	–	–	1	(D)
Dairy products	26	1 620	(NA)	(NA)	26	1 620	21	852
Cattle and calves	120	1 167	(NA)	(NA)	92	1 139	75	600
Hogs and pigs	11	7	(NA)	(NA)	7	4	4	2
Sheep, lambs, and wool	30	1 121	(NA)	(NA)	24	1 118	26	963
Other livestock and livestock products (see text)	50	2 113	(NA)	(NA)	46	2 111	30	(D)

[1] 1974 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	198	204	248 634	154	160 008	10 268	148	145 184	8 870	8 248
Farms with—										
1 to 9 acres	25	17	93	6	41	25	6	41	25	36
10 to 49 acres	59	55	1 561	46	1 190	799	51	1 418	788	1 006
50 to 69 acres	15	6	821	14	771	388	12	671	338	415
70 to 99 acres	13	18	1 073	13	1 073	544	10	834	394	441
100 to 139 acres	5	26	587	4	457	141	4	457	141	136
140 to 179 acres	12	5	1 864	11	1 711	785	11	1 711	785	830
180 to 219 acres	8	13	1 564	8	1 564	592	7	1 380	554	433
220 to 259 acres	8	6	1 918	8	1 918	855	7	1 663	797	644
260 to 499 acres	17	22	5 979	15	5 245	967	14	4 831	787	670
500 to 999 acres	7	9	5 316	6	4 691	862	6	4 691	862	778
1,000 to 1,999 acres	8	7	10 760	8	10 760	1 770	6	8 760	1 210	898
2,000 acres or more	21	20	217 098	15	130 587	2 540	14	118 727	2 189	1 961

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	198	248 634	204	274 279	138	244 877	122	264 724
Harvested cropland	154	10 268	153	11 971	102	9 314	91	10 846
Tenure of operator:								
Full owners	133	88 950	135	58 618	82	85 860	69	52 640
Harvested cropland	98	4 899	(NA)	5 228	55	4 197	(NA)	4 447
Part owners	50	158 534	57	197 271	45	157 993	49	193 978
Harvested cropland	45	4 863	(NA)	6 539	40	4 721	(NA)	6 294
Tenants	15	1 150	12	18 390	11	1 024	4	18 106
Harvested cropland	11	506	(NA)	204	7	396	(NA)	105
Type of organization:								
Individual or family	161	122 896	(NA)	(NA)	109	119 845	100	69 173
Partnership	28	107 850	(NA)	(NA)	22	107 229	19	163 064
Corporation	5	(D)	(NA)	(NA)	5	(D)	3	32 487
Other—cooperative, estate or trust, institutional, etc.	4	(D)	(NA)	(NA)	2	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	82	90	78	75
Other	116	110	60	44
Operators by age group:				
Under 25 years	4	2	4	1
25 to 34 years	23	16	19	16
35 to 44 years	44	52	31	23
45 to 54 years	48	60	29	32
55 to 64 years	49	39	34	24
65 years and over	30	31	21	23
Average age	49.7	50.6	49.0	51.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	139	106	97	59
Not on farm operated	40	44	25	28
Not reported	19	50	16	32
Operators reporting days of work off farm:				
None	56	49	48	46
1 to 49 days	10	12	8	6
50 to 99 days	12	5	11	3
100 to 149 days	6	3	5	1
150 to 199 days	17	13	12	8
200 days or more	89	81	46	21

[1]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	96	981	112	298	84	977	61	277
Feed for livestock and poultry	156	1 618	154	1 316	121	1 604	86	1 288
Commercially mixed formula feeds	47	470	81	1 012	46	(D)	59	1 007
Animal health costs	155	76	(NA)	(NA)	126	74	82	31
Seeds, bulbs, plants, and trees	76	44	86	33	62	41	53	30
Commercial fertilizer	37	20	48	38	35	(D)	36	37
Other agricultural chemicals including lime	66	12	46	28	63	12	39	28
Hired farm labor	100	630	74	351	93	629	60	348
Contract labor	25	32	12	5	22	31	8	4
Customwork, machine hire, and rental of machinery and equipment	83	59	89	49	71	57	58	42
Energy and petroleum products	198	298	(NA)	(NA)	154	287	(NA)	(NA)
Petroleum products	198	237	200	231	154	231	120	220
Gasoline	196	150	(NA)	(NA)	152	145	120	148
Diesel fuel	103	50	(NA)	(NA)	98	50	81	47
LP gas, butane, and propane	26	7	(NA)	(NA)	21	6	9	3
Fuel oil	14	1	(NA)	(NA)	14	1		
Natural gas	31	12	(NA)	(NA)	31	12	120	22
Kerosene, motor oil, and grease	198	18	(NA)	(NA)	154	18		
Electricity	123	59	(NA)	(NA)	103	55	(NA)	(NA)
Other—coal, wood, coke, etc.	15	1	(NA)	(NA)	9	1	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	37	1 534	35	(D)	36	1 823
Cropland fertilized, except pasture	37	1 439	35	(D)	(NA)	1 553
Pasture and rangeland fertilized	5	95	4	(D)	(NA)	270
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	43	1 111	43	1 111	(NA)	1 626
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	1	(D)	–	–	–	–
Weeds, grass, or brush in crops and pasture	38	1 522	36	(D)	(NA)	7 389
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	38	(X)	37	(X)	7	(X)
Sanitation and rodent and bird control	35	(X)	35	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	198	196	154	117
$1,000	4 654	3 535	4 268	2 725
Average per farm — dollars	23 503	18 036	27 714	23 291
Forms by value group:				
$1 to $4,999	4	35	3	10
$5,000 to $9,999	65	51	30	25
$10,000 to $19,999	50	48	47	30

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	34	29	29	21
$30,000 to $49,999	30	21	30	19
$50,000 to $69,999	8	7	8	7
$70,000 to $99,999	1	5	1	5
$100,000 to $199,999	5		5	
$200,000 or more	1		1	

	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	118	200	40	60	89	140	143	219	122
Motortrucks including pickups	173	331	87	100	144	231	164	284	111
Wheel tractors	170	283	38	46	157	237	175	304	66
Grain and bean combines, self-propelled only	19	19	10	10	9	9	11	11	6
Corn heads for combines	2	(D)	2	(D)	1	(D)	2	(D)	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	101	108	58	58	45	50	35	35	10
Pickup balers	111	124	30	31	84	93	96	106	18
Field forage harvesters, shear bar or flywheel type	31	36	12	12	19	24	7	7	4

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	100	47	(X)	92	(X)	93	60
Workers	634	(X)	142	(X)	492	619	446
Forms with—							
1 worker	21	16	16	15	15	21	11
2 workers	8	6	12	11	22	2	4
3 or 4 workers	21	12	38	23	81	20	11
5 to 9 workers	18	12	(D)	24	162	18	13
10 workers or more	32	1	(D)	19	212	32	21

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	183	(X)	189	(X)	130	(X)	115	(X)
Any cattle, hogs, or sheep	144	(X)	160	(X)	102	(X)	86	(X)
Sales:								
Any livestock or poultry and their products $1,000	163	6 028	161	3 778	128	5 992	107	(D)
Any cattle, hogs, or sheep $1,000	134	2 294	126	(NA)	102	2 261	87	1 565
CATTLE AND CALVES								
Inventory:								
Cattle and calves	131	7 672	134	9 249	94	7 290	75	8 513
Cows and heifers that had calved	108	4 286	90	4 609	79	4 146	59	4 319
Beef cows	79	2 898	64	3 451	57	2 780	45	3 204
Milk cows	47	1 388	43	1 158	38	1 366	27	1 115
Heifers and heifer calves	95	1 767	(NA)	(NA)	73	1 686	58	2 070
Steers, steer calves, bulls and bull calves	108	1 619	(NA)	(NA)	80	1 458	57	2 124
Sales:								
Cattle and calves	120	3 654	109	3 539	92	3 559	75	3 299
$1,000	(X)	1 167	(X)	(NA)	(X)	1 139	(X)	600
Calves	56	1 641	(NA)	(NA)	48	1 610	52	1 758
$1,000	(X)	383	(X)	(NA)	(X)	377	(X)	201
Cattle	102	2 013	(NA)	(NA)	79	1 949	68	1 541
$1,000	(X)	784	(X)	(NA)	(X)	762	(X)	399
Fattened cattle	14	76	(NA)	(NA)	8	66	5	54
$1,000	(X)	28	(X)	(NA)	(X)	23	(X)	15
Dairy products $1,000	26	1 620	(NA)	(NA)	26	1 620	21	852
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	28	131	41	125	12	82	10	62
Used or to be used for breeding	9	20	(NA)	(NA)	5	10	4	9
Other hogs and pigs	25	111	(NA)	(NA)	11	72	9	53
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	10	18	14	18	5	9	4	7
Dec. 1 of preceding year and May 31	7	10	9	9	3	(D)	1	(D)
June 1 and Nov. 30	5	8	7	9	3	(D)	4	(D)
Sheep and lambs	29	26 718	48	43 092	21	26 600	27	42 595
Ewes 1 year old or older	28	21 449	(NA)	(NA)	21	21 360	27	34 323
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	118	555	110	416	78	417	52	247
Sales:								
Hogs and pigs	11	96	7	71	7	58	4	52
$1,000	(X)	7	(X)	(NA)	(X)	4	(X)	2
Feeder pigs	3	28	2	(D)	2	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	30	18 664	42	28 137	24	18 609	23	27 814
Sheep and lambs shorn	26	23 344	(NA)	(NA)	22	23 257	24	34 417
Pounds of wool	(X)	246 024	(X)	(NA)	(X)	245 289	(X)	364 304
Sheep, lambs, and wool $1,000	30	1 121	(NA)	(NA)	24	1 118	26	963
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	20	40	26	36	17	37	8	18
$1,000	(X)	43	(X)	(NA)	(X)	41	(X)	5
POULTRY								
Inventory:								
Any poultry	20	(X)	14	(X)	12	(X)	8	(X)
Chickens 3 months old or older	18	390	14	249	12	259	8	171
Hens and pullets of laying age	18	(D)	14	242	12	(D)	8	164
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	5	152	2	(D)	3	(D)
Turkeys	5	45	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	3	(D)	1	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Sales:								
Any poultry	–	(X)	1	(X)	–	(X)	1	(X)
Chickens 3 months old or older	–	–	–	–	–	–	–	–
Hens and pullets of laying age	–	–	–	–	–	–	–	–
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	–	–	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	–	–	1	(D)	–	–	1	(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	10	295	(X)	10	295	7	277	(X)	7	277
	1974	13	216	(X)	(NA)	(NA)	9	198	(X)	9	198
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	10	295	5 121	10	295	7	277	4 820	7	277
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	198	4 210	9	198
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	12	369	10 546	4	27	11	(D)	(D)	4	27
	1974	40	898	20 966	(NA)	(NA)	18	849	18 477	13	77
Oats for grain (bushels)	1978	25	265	16 024	24	254	17	185	12 514	16	174
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	26	222	14 844	24	209
Barley for grain (bushels)	1978	65	1 091	70 613	61	995	48	974	64 009	45	882
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	53	1 389	87 470	50	1 044
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	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpototoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	147	8 427	19 892	132	5 692	98	7 630	18 173	86	5 045
	1974	137	9 038	20 901	(NA)	(NA)	84	8 235	19 129	79	5 371
Alfalfa hay (tons, dry)	1978	140	6 698	16 877	121	4 235	93	5 945	15 228	78	3 632
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	78	6 144	15 517	73	3 516
Other tame dry hay (tons, dry) (see text)	1978	25	609	952	22	482	23	(D)	(D)	20	(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	2	(D)	(X)	2	(D)	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	2	(D)	(X)	2	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	1	(D)	–	(NA)	(NA)	1	(D)	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
Other crops	1978	–	–	(X)	(NA)	(NA)	–	–	(X)	(NA)	(NA)

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

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	115	66 671	122	64 337	103	66 128	97	57 972
Average size of farm	(X)	580	(X)	527	(X)	642	(X)	598
Approximate land area	(X)	482 560	(X)	482 560	(X)	482 560	(X)	482 560
Proportion in farms ... percent	(X)	13.8	(X)	13.3	(X)	13.7	(X)	12.0
Value of land and buildings:[1]								
Average per farm ... dollars	227 215	(X)	97 459	(X)	242 873	(X)	112 959	(X)
Average per acre ... dollars	(X)	399	(X)	185	(X)	391	(X)	189
Land in farms according to use:								
Total cropland	109	(D)	115	17 418	98	(D)	94	(D)
Harvested cropland	106	9 230	108	8 969	97	9 029	89	8 492
By acres harvested:								
1 to 9 acres	5	32	1	(NA)	3	(D)	1	(NA)
10 to 19 acres	10	141	10	(NA)	8	(D)	3	(NA)
20 to 29 acres	10	232	15	(NA)	7	164	8	(NA)
30 to 49 acres	19	701	11	(NA)	18	(D)	9	(NA)
50 to 99 acres	25	1 776	38	(NA)	24	(D)	35	(NA)
100 to 199 acres	28	3 883	26	(NA)	28	3 883	26	(NA)
200 to 499 acres	9	2 465	7	(NA)	9	2 465	7	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	76	(D)	65	7 259	72	(D)	54	(D)
Other cropland	38	(D)	25	1 190	33	(D)	22	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	233	(NA)	(NA)	6	233	1	(D)
Cropland on which all crops failed	8	166	(NA)	(NA)	8	166	5	(D)
Cropland in cultivated summer fallow	5	(D)	(NA)	(NA)	5	(D)	3	161
Cropland idle	31	1 223	(NA)	(NA)	26	1 149	16	830
Total woodland	2	(D)	4	442	2	(D)	2	(D)
Woodland pastured	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Woodland not pastured	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other land	68	47 638	81	46 477	61	47 416	69	41 103
Pastureland and rangeland, other than cropland and woodland pastured	45	45 317	(NA)	(NA)	41	45 226	38	39 271
Land in house lots, ponds, roads, wasteland, etc	43	2 321	(NA)	(NA)	38	2 190	56	1 832
Pastureland, all types	97	53 130	(NA)	(NA)	89	52 993	(NA)	46 276
Irrigated land	100	12 354	105	11 157	90	12 108	86	10 549
Harvested cropland irrigated	98	8 700	(NA)	(NA)	89	8 529	84	7 497
Pastureland irrigated	52	3 410	(NA)	(NA)	47	(D)	(NA)	2 958
Other land irrigated	9	244	(NA)	(NA)	8	(D)	3	94
Land set aside in the federal farm programs in 1978	7	61	(X)	(X)	7	61	(X)	(X)

[1]1978 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]	115	3 255	122	2 353	103	3 240	97	2 321
Average per farm ... dollars	(X)	28 301	(X)	19 287	(X)	31 454	(X)	23 928
Farms by value of agricultural products sold:[1]								
$100,000 or more	6	830	2	(NA)	6	830	2	(NA)
$40,000 to $99,999	20	1 310	14	(NA)	20	1 310	14	(NA)
$20,000 to $39,999	24	654	12	(NA)	24	654	12	(NA)
$10,000 to $19,999	16	242	19	(NA)	16	242	19	(NA)
$5,000 to $9,999	16	121	28	(NA)	16	121	28	(NA)
$2,500 to $4,999	21	83	20	(NA)	21	83	20	(NA)
Less than $2,500 (see text)	12	15	26	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	6	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	1	(NA)	(X)	(X)	(X)	(X)
Crops	32	284	42	253	28	279	(NA)	240
Grains	7	7	(NA)	(NA)	7	7	13	33
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	28	277	(NA)	(NA)	24	272	26	207
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	–	–	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	101	2 971	99	2 101	93	2 961	85	2 081
Poultry and poultry products	1	(D)	–	–	1	(D)	–	–
Dairy products	23	1 339	(NA)	(NA)	23	1 339	20	825
Cattle and calves	86	1 436	(NA)	(NA)	83	1 432	82	1 078
Hogs and pigs	12	11	(NA)	(NA)	10	(D)	10	6
Sheep, lambs, and wool	23	182	(NA)	(NA)	20	178	17	171
Other livestock and livestock products (see text)	7	(D)	(NA)	(NA)	5	(D)	4	1

[1]1974 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	115	122	66 671	106	65 791	9 230	100	65 003	8 968	12 354
Forms with—										
1 to 9 acres	6	6	13	–	–	–	1	(D)	(D)	(D)
10 to 49 acres	12	19	367	12	367	246	9	(D)	126	(D)
50 to 69 acres	10	4	569	10	569	277	9	513	252	374
70 to 99 acres	11	14	912	10	830	347	9	745	325	526
100 to 139 acres	15	16	1 749	15	1 749	734	15	1 749	734	962
140 to 179 acres	3	7	458	3	458	277	3	458	277	242
180 to 219 acres	9	9	1 703	9	1 703	880	8	1 513	805	1 155
220 to 259 acres	6	8	1 402	5	1 182	588	6	1 402	588	1 009
260 to 499 acres	18	17	6 042	18	6 042	2 035	16	5 482	2 015	2 685
500 to 999 acres	16	13	9 931	15	9 366	2 533	15	9 366	2 533	3 406
1,000 to 1,999 acres	3	3	3 795	3	3 795	234	3	3 795	234	234
2,000 acres or more	6	6	39 730	6	39 730	1 079	6	39 730	1 079	1 569

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	115	66 671	122	64 337	103	66 128	97	57 972
Harvested cropland	106	9 230	108	8 969	97	9 029	89	8 492
Tenure of operator:								
Full owners	83	(D)	90	23 761	72	(D)	71	21 942
Harvested cropland	75	(D)	(NA)	5 845	67	4 943	(NA)	5 490
Part owners	29	45 536	24	35 699	29	45 536	21	35 400
Harvested cropland	28	(D)	(NA)	2 800	28	(D)	(NA)	2 717
Tenants	3	318	8	4 877	2	(D)	5	630
Harvested cropland	3	290	(NA)	324	2	(D)	(NA)	285
Type of organization:								
Individual or family	99	31 991	(NA)	(NA)	88	31 451	88	35 272
Partnership	13	(D)	(NA)	(NA)	12	(D)	4	2 200
Corporation	3	(D)	(NA)	(NA)	3	(D)	5	20 500
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	70	78	63	69
Other	45	38	40	23
Operators by age group:				
Under 25 years	2	2	2	1
25 to 34 years	15	9	10	7
35 to 44 years	15	12	15	10
45 to 54 years	36	36	34	30
55 to 64 years	21	33	19	24
65 years and over	26	24	23	20
Average age	51.4	54.3	51.8	54.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	80	45	74	40
Not on farm operated	22	38	19	27
Not reported	13	33	10	25
Operators reporting days of work off farm:				
None	50	44	47	37
1 to 49 days	12	7	9	5
50 to 99 days	3	–	2	–
100 to 149 days	5	8	3	8
150 to 199 days	9	15	8	13
200 days or more	31	20	29	8

[1]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	50	344	52	282	44	342	39	270
Feed for livestock and poultry	81	474	87	710	81	474	73	704
Commercially mixed formula feeds	31	145	50	331	31	145	42	329
Animal health costs	88	24	(NA)	(NA)	87	(D)	71	22
Seeds, bulbs, plants, and trees	49	38	55	24	46	(D)	51	23
Commercial fertilizer	43	39	43	25	40	39	39	24
Other agricultural chemicals including lime	60	50	52	12	57	(D)	48	12
Hired farm labor	59	231	48	108	58	(D)	41	105
Contract labor	6	23	9	8	5	(D)	6	8
Customwork, machine hire, and rental of machinery and equipment	61	72	69	38	58	72	58	35
Energy and petroleum products	115	268	(NA)	(NA)	105	265	(NA)	(NA)
Petroleum products	115	199	117	131	105	197	92	123
Gasoline	110	137	(NA)	(NA)	101	135	92	96
Diesel fuel	79	48	(NA)	(NA)	79	48	55	18
LP gas, butane, and propane	3	(D)	(NA)	(NA)	3	1	8	1
Fuel oil	11	2	(NA)	(NA)	11	2		
Natural gas	1	(D)	(NA)	(NA)	–	–	92	9
Kerosene, motor oil, and grease	115	12	(NA)	(NA)	105	11		
Electricity	78	66	(NA)	(NA)	71	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	14	2	(NA)	(NA)	13	(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	42	2 478	39	2 388	39	1 346
Cropland fertilized, except pasture	42	2 354	39	2 264	(NA)	1 276
Pasture and rangeland fertilized	7	124	7	124	(NA)	70
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	47	3 797	47	3 797	(NA)	2 247
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	23	1 108	20	1 027	(NA)	308
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	12	(X)	12	(X)	8	(X)
Sanitation and rodent and bird control	7	(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]

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	115	111	105	91
$1,000	3 776	1 988	3 700	1 760
Average per farm — dollars	32 833	17 910	35 239	19 341
Farms by value group:				
$1 to $4,999	15	11	14	7
$5,000 to $9,999	30	25	21	18
$10,000 to $19,999	13	33	13	26
ALL MACHINERY AND EQUIPMENT — Con.				
Estimated market value of all machinery and equipment — Con.				
$20,000 to $29,999	14	22	14	21
$30,000 to $49,999	24	15	24	14
$50,000 to $69,999	5	4	5	4
$70,000 to $99,999	5	1	5	1
$100,000 to $199,999	5		5	
$200,000 or more	4		4	

	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	98	165	56	65	64	100	88	114	65
Motortrucks including pickups	102	204	44	54	78	150	102	172	70
Wheel tractors	90	189	26	30	82	159	97	176	38
Grain and bean combines, self-propelled only	11	11	–	–	11	11	2	(D)	–
Corn heads for combines	–	–	–	–	–	–	1	(D)	1
Other cornpickers and picker-shellers	2	(D)	–	–	2	(D)	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	46	50	14	14	32	36	15	15	3
Pickup balers	78	85	29	30	51	55	70	72	24
Field forage harvesters, shear bar or flywheel type	7	7	2	(D)	5	(D)	8	8	3

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	Forms	Workers	Forms	Workers	1978	1974
Forms	59	28	(X)	42	(X)	58	41
Workers	188	(X)	42	(X)	146	(D)	147
Forms with—							
1 worker	33	19	19	20	20	32	11
2 workers	9	4	8	13	26	9	11
3 or 4 workers	9	5	15	4	(D)	9	6
5 to 9 workers	4	–	–	1	(D)	4	10
10 workers or more	4	–	–	4	80	4	3

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	106	(X)	102	(X)	98	(X)	86	(X)
Any cattle, hogs, or sheep	100	(X)	98	(X)	93	(X)	85	(X)
Sales:								
Any livestock or poultry and their products $1,000	101	2 971	99	2 101	93	2 961	85	2 081
Any cattle, hogs, or sheep $1,000	100	1 628	98	(NA)	93	(D)	85	1 255
CATTLE AND CALVES								
Inventory:								
Cattle and calves	86	9 174	92	10 813	82	9 129	84	10 664
Cows and heifers that had calved	81	4 975	84	6 078	77	4 943	78	6 009
Beef cows	68	3 681	71	4 825	64	3 649	66	(D)
Milk cows	33	1 294	29	1 253	33	1 294	27	(D)
Heifers and heifer calves	79	2 147	(NA)	(NA)	76	2 141	70	2 221
Steers, steer calves, bulls and bull calves	75	2 052	(NA)	(NA)	72	2 045	72	2 434
Sales:								
Cattle and calves	86	4 697	92	4 812	83	4 686	82	4 737
$1,000	(X)	1 436	(X)	(NA)	(X)	1 432	(X)	1 078
Calves	46	1 657	(NA)	(NA)	45	(D)	44	2 060
$1,000	(X)	427	(X)	(NA)	(X)	(D)	(X)	321
Cattle	66	3 040	(NA)	(NA)	63	(D)	58	2 677
$1,000	(X)	1 009	(X)	(NA)	(X)	(D)	(X)	757
Fattened cattle	2	(D)	(NA)	(NA)	2	(D)	8	427
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	184
Dairy products $1,000	23	1 339	(NA)	(NA)	23	1 339	20	825
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	14	255	16	113	12	(D)	13	85
Used or to be used for breeding	12	40	(NA)	(NA)	10	(D)	7	13
Other hogs and pigs	12	215	(NA)	(NA)	10	(D)	12	72
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	12	44	8	17	10	(D)	7	(D)
Dec. 1 of preceding year and May 31	8	18	7	10	6	(D)	7	10
June 1 and Nov. 30	10	26	5	7	9	(D)	4	(D)
Sheep and lambs	23	4 609	21	5 327	20	4 533	16	4 845
Ewes 1 year old or older	21	3 710	(NA)	(NA)	18	3 664	16	3 713
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	60	191	39	145	56	177	30	107
Sales:								
Hogs and pigs	12	183	11	118	10	(D)	10	(D)
$1,000	(X)	11	(X)	(NA)	(X)	(D)	(X)	6
Feeder pigs	5	108	4	31	3	(D)	3	(D)
$1,000	(X)	3	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	21	3 063	22	4 905	18	3 015	17	4 642
Sheep and lambs shorn	23	3 252	(NA)	(NA)	20	3 181	15	4 802
Pounds of wool	(X)	31 776	(X)	(NA)	(X)	30 902	(X)	54 654
Sheep, lambs, and wool $1,000	23	182	(NA)	(NA)	20	178	17	171
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	10	5	8	3	(D)	4	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	1
POULTRY								
Inventory:								
Any poultry	13	(X)	13	(X)	11	(X)	10	(X)
Chickens 3 months old or older	12	278	13	375	11	(D)	10	263
Hens and pullets of laying age	12	278	13	359	11	(D)	10	262
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	52	3	75	3	52	2	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	1	(X)
Sales:								
Any poultry	–	(X)	–	(X)	–	(X)	–	(X)
Chickens 3 months old or older	–	–	–	–	–	–	–	–
Hens and pullets of laying age	–	–	–	–	–	–	–	–
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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	1	(D)	–	–	1	(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	15	433	(X)	15	433	15	433	(X)	15	433
	1974	27	680	(X)	(NA)	(NA)	25	(D)	(X)	24	625
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	15	433	5 236	15	433	15	433	5 236	15	433
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	625	9 077	24	625
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)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	5	35	1 165	5	35	5	35	1 165	5	35
	1974	7	60	2 420	(NA)	(NA)	7	60	2 420	7	60
Oats for grain (bushels)	1978	18	170	8 200	18	170	17	(D)	(D)	17	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	116	6 677	15	116
Barley for grain (bushels)	1978	29	495	22 737	28	482	26	477	22 097	25	464
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	29	373	20 798	29	373
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	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	104	8 116	20 330	95	7 599	95	7 943	20 119	86	7 456
	1974	104	7 705	17 533	(NA)	(NA)	86	7 291	16 862	78	6 309
Alfalfa hay (tons, dry)	1978	92	6 154	16 988	88	6 009	85	6 054	16 833	81	5 909
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	76	5 134	13 983	71	4 725
Other tame dry hay (tons, dry) (see text)	1978	8	233	419	7	158	7	(D)	(D)	6	(D)
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	–	–	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	161	494 454	168	545 249	141	475 000	152	528 688
Average size of farm	(X)	3 071	(X)	3 246	(X)	3 369	(X)	3 478
Approximate land area	(X)	654 720	(X)	654 720	(X)	654 720	(X)	654 720
Proportion in farms ... percent	(X)	75.5	(X)	83.3	(X)	72.6	(X)	80.8
Value of land and buildings:[1]								
Average per farm ... dollars	418 443	(X)	244 601	(X)	456 078	(X)	265 428	(X)
Average per acre ... dollars	(X)	137	(X)	75	(X)	139	(X)	76
Land in farms according to use:								
Total cropland	151	(D)	159	63 620	136	(D)	145	62 831
Harvested cropland	147	55 125	151	50 001	134	54 644	140	49 702
By acres harvested:								
1 to 9 acres	6	31	3	(NA)	3	17	1	(NA)
10 to 19 acres	5	82	6	(NA)	1	(D)	2	(NA)
20 to 29 acres	–	–	5	(NA)	–	–	2	(NA)
30 to 49 acres	9	322	10	(NA)	8	(D)	10	(NA)
50 to 99 acres	22	1 641	34	(NA)	17	1 268	32	(NA)
100 to 199 acres	32	4 351	30	(NA)	32	4 351	30	(NA)
200 to 499 acres	42	12 166	37	(NA)	42	12 166	37	(NA)
500 to 999 acres	20	13 462	16	(NA)	20	13 462	16	(NA)
1,000 acres or more	11	23 070	10	(NA)	11	23 070	10	(NA)
Cropland used only for pasture	60	(D)	79	8 468	56	(D)	69	8 012
Other cropland	39	(D)	47	5 151	33	(D)	43	5 117
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Cropland on which all crops failed	11	898	(NA)	(NA)	8	871	5	(D)
Cropland in cultivated summer fallow	19	(D)	(NA)	(NA)	18	(D)	31	2 925
Cropland idle	19	2 040	(NA)	(NA)	16	2 016	11	2 057
Total woodland	6	(D)	22	1 591	6	(D)	22	1 591
Woodland pastured	5	(D)	(NA)	(NA)	5	(D)	4	929
Woodland not pastured	1	(D)	(NA)	(NA)	1	(D)	18	662
Other land	129	414 365	142	480 038	114	395 597	131	464 266
Pastureland and rangeland, other than cropland and woodland pastured	101	409 506	(NA)	(NA)	92	390 900	108	461 382
Land in house lots, ponds, roads, wasteland, etc	74	4 859	(NA)	(NA)	63	4 697	81	2 884
Pastureland, all types	138	425 568	(NA)	(NA)	125	406 816	(NA)	470 323
Irrigated land	141	57 020	132	47 728	127	56 529	122	47 473
Harvested cropland irrigated	137	47 463	(NA)	(NA)	125	47 068	119	42 395
Pastureland irrigated	52	8 755	(NA)	(NA)	49	8 693	(NA)	4 858
Other land irrigated	10	802	(NA)	(NA)	6	768	3	220
Land set aside in the federal farm programs in 1978	14	313	(X)	(X)	11	301	(X)	(X)

[1]1978 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]	161	6 310	168	5 822	141	6 283	152	5 804
Average per farm ... dollars	(X)	39 191	(X)	34 655	(X)	44 561	(X)	38 184
Farms by value of agricultural products sold:[1]								
$100,000 or more	13	3 096	10	(NA)	13	3 096	10	(NA)
$40,000 to $99,999	23	1 461	20	(NA)	23	1 461	20	(NA)
$20,000 to $39,999	39	1 077	30	(NA)	39	1 077	30	(NA)
$10,000 to $19,999	31	430	31	(NA)	31	430	31	(NA)
$5,000 to $9,999	23	170	34	(NA)	23	170	34	(NA)
$2,500 to $4,999	12	49	24	(NA)	12	49	24	(NA)
Less than $2,500 (see text)	18	(D)	17	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	3	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	7	12	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	5	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	3	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	67	527	85	(D)	57	514	(NA)	(D)
Grains	52	302	(NA)	(NA)	47	297	60	412
Commodity Credit Corporation loans	3	8	(NA)	(NA)	3	8	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	25	159	(NA)	(NA)	20	(D)	25	297
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	4	66	(NA)	(NA)	3	(D)	3	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	–	–	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	137	5 783	147	5 018	126	5 769	135	(D)
Poultry and poultry products	2	(D)	1	(D)	2	(D)	1	(D)
Dairy products	4	(D)	(NA)	(NA)	4	(D)	–	–
Cattle and calves	130	4 537	(NA)	(NA)	121	4 526	130	4 049
Hogs and pigs	10	22	(NA)	(NA)	10	22	7	26
Sheep, lambs, and wool	38	1 090	(NA)	(NA)	36	(D)	47	789
Other livestock and livestock products (see text)	14	113	(NA)	(NA)	14	113	8	142

[1]1974 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	161	168	494 454	147	479 398	55 125	141	471 852	51 144	57 020
Farms with—										
1 to 9 acres	7	5	27	2	(D)	(D)	2	(D)	(D)	(D)
10 to 49 acres	11	13	251	7	164	102	10	231	102	141
50 to 69 acres	4	2	232	2	(D)	(D)	2	(D)	(D)	(D)
70 to 99 acres	10	11	852	10	852	509	10	852	509	594
100 to 139 acres	4	9	465	4	465	378	4	465	378	394
140 to 179 acres	7	4	1 116	6	953	705	6	953	705	715
180 to 219 acres	5	2	1 008	5	1 008	583	5	1 008	583	763
220 to 259 acres	6	7	1 436	6	1 436	669	6	1 436	669	670
260 to 499 acres	20	33	7 459	20	7 459	3 488	17	6 409	3 157	3 464
500 to 999 acres	29	28	19 427	29	19 427	7 424	26	17 647	6 324	8 738
1,000 to 1,999 acres	22	19	31 427	22	31 427	9 234	20	28 644	8 184	10 071
2,000 acres or more	36	35	430 754	34	416 071	31 947	33	414 071	30 447	31 384

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	161	494 454	168	545 249	141	475 000	152	528 688
Harvested cropland	147	55 125	151	50 001	134	54 644	140	49 702
Tenure of operator:								
Full owners	101	288 987	112	436 870	84	278 695	99	428 674
Harvested cropland	90	30 188	(NA)	31 057	78	29 709	(NA)	30 826
Part owners	55	203 582	38	101 474	53	(D)	36	(D)
Harvested cropland	52	24 724	(NA)	17 248	52	(D)	(NA)	17 180
Tenants	5	1 885	18	6 905	4	(D)	17	(D)
Harvested cropland	5	213	(NA)	1 696	4	(D)	(NA)	1 696
Type of organization:								
Individual or family	129	144 728	(NA)	(NA)	115	144 014	123	150 370
Partnership	17	73 892	(NA)	(NA)	14	73 835	12	(D)
Corporation	12	259 451	(NA)	(NA)	11	(D)	16	356 722
Other—cooperative, estate or trust, institutional, etc.	3	16 383	(NA)	(NA)	1	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	102	99	93	97
Other	59	50	48	38
Operators by age group:				
Under 25 years	–	1	–	1
25 to 34 years	15	21	14	21
35 to 44 years	45	22	39	22
45 to 54 years	33	29	28	25
55 to 64 years	42	53	40	49
65 years and over	26	23	20	17
Average age	51.3	51.6	51.1	50.5

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	107	92	96	84
Not on farm operated	37	35	29	32
Not reported	17	22	16	19
Operators reporting days of work off farm:				
None	62	49	58	45
1 to 49 days	15	5	14	3
50 to 99 days	5	1	4	1
100 to 149 days	9	2	8	2
150 to 199 days	11	14	7	13
200 days or more	48	50	40	45

[1]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	77	1 043	73	512	77	1 043	63	507
Feed for livestock and poultry	109	978	116	745	103	976	106	740
Commercially mixed formula feeds	32	185	69	349	32	185	65	348
Animal health costs	114	69	(NA)	(NA)	108	69	84	52
Seeds, bulbs, plants, and trees	56	68	56	52	55	(D)	52	52
Commercial fertilizer	58	132	57	84	57	(D)	55	(D)
Other agricultural chemicals including lime	43	84	25	6	41	(D)	24	(D)
Hired farm labor	101	835	69	676	96	817	67	(D)
Contract labor	8	17	7	3	8	17	4	3
Customwork, machine hire, and rental of machinery and equipment	72	77	72	91	62	75	64	89
Energy and petroleum products	160	562	(NA)	(NA)	145	556	(NA)	(NA)
Petroleum products	160	453	167	334	145	448	151	331
Gasoline	159	273	(NA)	(NA)	144	270	151	224
Diesel fuel	124	120	(NA)	(NA)	116	118	120	69
LP gas, butane, and propane	28	19	(NA)	(NA)	28	19	22	6
Fuel oil	20	9	(NA)	(NA)	16	9		
Natural gas	–	–	(NA)	(NA)	–	–	151	32
Kerosene, motor oil, and grease	160	32	(NA)	(NA)	145	31		
Electricity	104	98	(NA)	(NA)	99	98	(NA)	(NA)
Other—coal, wood, coke, etc.	15	10	(NA)	(NA)	15	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	57	5 944	56	(D)	55	5 825
Cropland fertilized, except pasture	57	(D)	56	(D)	(NA)	5 645
Pasture and rangeland fertilized	1	(D)	1	(D)	(NA)	180
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	11	7 063	11	7 063	(NA)	790
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	36	3 116	34	(D)	(NA)	1 431
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	2	(D)	1	(D)
Insect control on livestock and poultry	24	(X)	23	(X)	5	(X)
Sanitation and rodent and bird control	8	(X)	8	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	160	161	145	148
— $1,000	5 654	4 441	5 518	4 265
Average per farm — dollars	35 336	27 584	38 054	28 818
Farms by value group:				
$1 to $4,999	13	17	10	13
$5,000 to $9,999	18	28	11	25
$10,000 to $19,999	43	44	39	40

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	23	22	22	22
$30,000 to $49,999	26	29	26	27
$50,000 to $69,999	18	11	18	11
$70,000 to $99,999	10	10	10	10
$100,000 to $199,999	5		5	
$200,000 or more	4		4	

	1978						1974		
	All forms		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	130	183	81	99	70	84	133	186	94
Motortrucks including pickups	140	283	103	139	100	144	147	320	141
Wheel tractors	142	359	47	63	130	296	152	416	81
Grain and bean combines, self-propelled only	20	21	5	5	16	16	27	28	3
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	99	111	37	41	64	70	46	54	15
Pickup balers	81	83	34	34	47	49	79	84	26
Field forage harvesters, shear bar or flywheel type	12	16	3	3	9	13	1	(D)	–

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	101	35	(X)	85	(X)	96	67
Workers	528	(X)	106	(X)	422	503	564
Farms with—							
1 worker	25	17	17	21	21	24	12
2 workers	28	6	12	24	48	28	7
3 or 4 workers	19	8	30	16	56	19	22
5 to 9 workers	21	3	(D)	18	109	17	19
10 workers or more	8	1	(D)	6	188	8	7

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	138	(X)	154	(X)	125	(X)	142	(X)
Any cattle, hogs, or sheep	132	(X)	144	(X)	121	(X)	132	(X)
Sales:								
Any livestock or poultry and their products $1,000	137	5 783	147	5 018	126	5 769	135	(D)
Any cattle, hogs, or sheep $1,000	136	5 649	144	(NA)	125	5 635	132	4 864
CATTLE AND CALVES								
Inventory:								
Cattle and calves	127	36 310	140	40 922	118	36 134	130	40 735
Cows and heifers that had calved	121	22 343	130	24 851	112	22 253	125	24 790
Beef cows	120	22 299	113	24 689	111	(D)	108	(D)
Milk cows	30	44	45	162	28	(D)	44	(D)
Heifers and heifer calves	116	8 305	(NA)	(NA)	111	8 253	88	9 718
Steers, steer calves, bulls and bull calves	123	5 662	(NA)	(NA)	116	5 628	97	6 227
Sales:								
Cattle and calves	130	15 305	140	22 929	121	15 259	130	22 858
$1,000	(X)	4 537	(X)	(NA)	(X)	4 526	(X)	4 049
Calves	99	9 888	(NA)	(NA)	92	9 859	93	11 649
$1,000	(X)	2 494	(X)	(NA)	(X)	2 488	(X)	1 611
Cattle	101	5 417	(NA)	(NA)	95	5 400	110	11 209
$1,000	(X)	2 042	(X)	(NA)	(X)	2 037	(X)	2 438
Fattened cattle	10	185	(NA)	(NA)	9	(D)	13	1 022
$1,000	(X)	67	(X)	(NA)	(X)	(D)	(X)	197
Dairy products $1,000	4	(D)	(NA)	(NA)	4	(D)	–	–
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	13	142	8	80	13	142	8	80
Used or to be used for breeding	11	62	(NA)	(NA)	11	62	4	15
Other hogs and pigs	10	80	(NA)	(NA)	10	80	8	65
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	11	62	6	57	11	62	6	57
Dec. 1 of preceding year and May 31	8	24	6	40	8	24	6	40
June 1 and Nov. 30	8	38	3	17	8	38	3	17
Sheep and lambs	37	26 651	51	32 522	35	(D)	47	32 292
Ewes 1 year old or older	36	20 483	(NA)	(NA)	34	(D)	46	27 353
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	94	621	83	425	90	591	81	(D)
Sales:								
Hogs and pigs	10	365	7	352	10	365	7	352
$1,000	(X)	22	(X)	(NA)	(X)	(D)	(X)	26
Feeder pigs	5	195	4	114	5	195	4	114
$1,000	(X)	6	(X)	(NA)	(X)	6	(X)	2
Sheep and lambs	36	18 231	51	25 069	34	(D)	47	24 898
Sheep and lambs shorn	38	24 606	(NA)	(NA)	36	(D)	45	31 793
Pounds of wool	(X)	294 529	(X)	(NA)	(X)	(D)	(X)	325 251
Sheep, lambs, and wool $1,000	38	1 090	(NA)	(NA)	36	(D)	47	789
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	13	41	5	18	13	41	5	18
$1,000	(X)	14	(X)	(NA)	(X)	14	(X)	2
POULTRY								
Inventory:								
Any poultry	13	(X)	9	(X)	13	(X)	8	(X)
Chickens 3 months old or older	13	314	8	238	13	314	7	(D)
Hens and pullets of laying age	13	314	8	223	13	314	7	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	–	–	–	–	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	2	(X)	(NA)	(X)	2	(X)	2	(X)
Sales:								
Any poultry	–	(X)	1	(X)	–	(X)	1	(X)
Chickens 3 months old or older	–	–	–	–	–	–	–	–
Hens and pullets of laying age	–	–	–	–	–	–	–	–
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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	1	(X)
Poultry and poultry products $1,000	2	(D)	1	(D)	2	(D)	1	(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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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)	(D)	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	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	26	3 606	60 881	10	152	24	(D)	(D)	9	(D)
	1974	42	4 347	57 761	(NA)	(NA)	40	(D)	(D)	12	264
Oats for grain (bushels)	1978	9	351	12 165	9	351	9	351	12 165	9	351
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	293	8 490	6	293
Barley for grain (bushels)	1978	89	3 483	151 726	82	2 943	84	3 412	147 414	77	2 872
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	59	2 377	116 045	53	2 022
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	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	134	48 242	62 460	129	44 554	124	47 845	61 813	120	44 237
	1974	143	43 563	65 722	(NA)	(NA)	132	43 274	65 277	113	40 393
Alfalfa hay (tons, dry)	1978	100	7 323	14 502	94	6 556	92	7 068	13 963	87	6 381
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	90	9 795	20 487	85	9 436
Other tame dry hay (tons, dry) (see text)	1978	12	2 044	3 573	12	2 044	12	2 044	3 573	12	2 044
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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	–	–	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	67	(X)	4	67	3	(D)	(X)	3	(D)
	1974	3	47	(X)	(NA)	(NA)	3	47	(X)	3	47
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	660	210 478	592	223 957	419	200 859	407	214 905
Average size of farm	(X)	319	(X)	378	(X)	479	(X)	528
Approximate land area	(X)	488 960	(X)	488 960	(X)	488 960	(X)	488 960
Proportion in farms ... percent	(X)	43.0	(X)	45.8	(X)	41.1	(X)	44.0
Value of land and buildings:[1]								
Average per farm ... dollars	500 737	(X)	261 395	(X)	596 720	(X)	326 123	(X)
Average per acre ... dollars	(X)	1 635	(X)	691	(X)	1 489	(X)	618
Land in farms according to use:								
Total cropland	535	48 929	492	57 693	338	44 596	334	(D)
Harvested cropland	459	32 036	424	36 075	291	29 153	301	33 001
By acres harvested:								
1 to 9 acres	153	660	84	(NA)	60	211	46	(NA)
10 to 19 acres	85	1 142	83	(NA)	35	490	30	(NA)
20 to 29 acres	58	1 346	75	(NA)	44	1 013	54	(NA)
30 to 49 acres	48	1 846	47	(NA)	45	1 748	43	(NA)
50 to 99 acres	52	3 500	55	(NA)	49	(D)	55	(NA)
100 to 199 acres	30	3 976	39	(NA)	28	(D)	37	(NA)
200 to 499 acres	23	6 909	29	(NA)	20	6 069	24	(NA)
500 to 999 acres	3	2 420	5	(NA)	3	2 420	5	(NA)
1,000 acres or more	7	10 237	7	(NA)	7	10 237	7	(NA)
Cropland used only for pasture	203	5 156	201	7 508	119	4 090	115	(D)
Other cropland	114	11 737	88	14 110	88	11 353	79	13 917
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	14	848	(NA)	(NA)	11	816	19	89
Cropland on which all crops failed	16	172	(NA)	(NA)	12	162	13	593
Cropland in cultivated summer fallow	24	8 227	(NA)	(NA)	21	8 198	21	11 243
Cropland idle	81	2 490	(NA)	(NA)	61	2 177	37	1 992
Total woodland	11	33	3	15	7	22	1	(D)
Woodland pastured	6	15	(NA)	(NA)	6	15	–	–
Woodland not pastured	8	18	(NA)	(NA)	4	7	1	(D)
Other land	431	161 516	368	166 249	277	156 241	268	162 956
Pastureland and rangeland, other than cropland and woodland pastured	108	152 334	(NA)	(NA)	80	148 082	61	159 300
Land in house lots, ponds, roads, wasteland, etc	379	9 182	(NA)	(NA)	239	8 159	245	3 656
Pastureland, all types	287	157 505	(NA)	(NA)	179	152 187	(NA)	164 330
Irrigated land	496	22 852	431	27 662	304	18 811	297	24 036
Harvested cropland irrigated	425	18 309	(NA)	(NA)	264	15 609	274	20 354
Pastureland irrigated	194	4 122	(NA)	(NA)	115	2 878	(NA)	3 479
Other land irrigated	25	421	(NA)	(NA)	18	324	11	203
Land set aside in the federal farm programs in 1978	30	547	(X)	(X)	29	(D)	(X)	(X)

[1]1978 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]	660	23 146	592	23 275	419	22 082	407	22 284
Average per farm ... dollars	(X)	35 070	(X)	39 316	(X)	52 702	(X)	54 752
Farms by value of agricultural products sold:[1]								
$100,000 or more	45	15 036	46	(NA)	45	15 036	46	(NA)
$40,000 to $99,999	53	3 163	74	(NA)	53	3 163	74	(NA)
$20,000 to $39,999	72	2 054	54	(NA)	72	2 054	54	(NA)
$10,000 to $19,999	68	950	77	(NA)	68	950	77	(NA)
$5,000 to $9,999	73	491	69	(NA)	73	491	69	(NA)
$2,500 to $4,999	108	388	82	(NA)	108	388	82	(NA)
Less than $2,500 (see text)	234	286	181	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	31	68	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	52	88	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	90	107	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	61	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	7	779	9	(NA)	(X)	(X)	(X)	(X)
Crops	330	6 973	345	7 862	231	6 763	(NA)	7 520
Grains	144	1 553	(NA)	(NA)	123	1 478	153	1 942
Commodity Credit Corporation loans	9	44	(NA)	(NA)	9	44	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	205	975	(NA)	(NA)	130	852	127	953
Vegetables, sweet corn, and melons	45	1 219	(NA)	(NA)	37	1 214	54	1 070
Fruits, nuts, and berries	23	253	(NA)	(NA)	16	250	12	79
Nursery and greenhouse products	31	2 823	36	2 790	28	2 819	33	2 787
Other crops	15	151	(NA)	(NA)	12	150	40	687
Livestock, poultry, and their products	440	16 173	396	15 412	292	15 319	270	14 764
Poultry and poultry products	42	(D)	52	7 393	25	(D)	29	7 187
Dairy products	32	3 114	(NA)	(NA)	24	2 677	47	3 217
Cattle and calves	233	2 329	(NA)	(NA)	154	2 157	162	1 212
Hogs and pigs	69	(D)	(NA)	(NA)	42	(D)	40	483
Sheep, lambs, and wool	112	916	(NA)	(NA)	71	894	54	1 081
Other livestock and livestock products (see text)	177	3 503	(NA)	(NA)	129	3 452	86	1 584

[1]1974 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	660	592	210 478	459	202 626	32 036	496	169 361	23 022	22 852
Farms with—										
1 to 9 acres	239	173	949	106	543	388	133	686	377	556
10 to 49 acres	233	216	5 516	185	4 498	3 132	205	4 962	3 061	3 990
50 to 69 acres	42	44	2 430	38	2 218	1 582	38	2 201	1 542	1 624
70 to 99 acres	32	41	2 590	30	2 429	1 429	30	2 437	1 394	1 474
100 to 139 acres	33	26	3 796	31	3 581	2 082	29	3 338	2 017	2 366
140 to 179 acres	14	23	2 152	11	1 710	1 372	13	2 012	1 372	1 429
180 to 219 acres	10	13	1 903	9	1 723	1 361	9	1 723	1 361	1 405
220 to 259 acres	7	13	1 641	6	1 421	1 051	6	1 404	925	1 033
260 to 499 acres	15	9	5 318	14	5 018	3 396	11	3 798	2 477	2 899
500 to 999 acres	11	10	7 049	7	4 690	1 878	7	4 847	1 778	2 456
1,000 to 1,999 acres	8	6	10 428	6	8 089	2 152	6	8 089	2 152	2 502
2,000 acres or more	16	18	166 706	16	166 706	12 213	9	133 864	4 566	1 118

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	660	210 478	592	223 957	419	200 859	407	214 905
Harvested cropland	459	32 036	424	36 075	291	29 153	301	33 001
Tenure of operator:								
Full owners	421	20 794	378	45 137	245	15 792	226	40 340
Harvested cropland	264	6 284	(NA)	10 825	142	4 267	(NA)	8 790
Part owners	171	178 877	166	175 078	128	175 412	145	171 558
Harvested cropland	144	21 019	(NA)	23 075	112	20 375	(NA)	22 333
Tenants	68	10 807	48	3 742	46	9 655	36	3 007
Harvested cropland	51	4 733	(NA)	2 175	37	4 511	(NA)	1 878
Type of organization:								
Individual or family	533	171 378	(NA)	(NA)	324	166 036	344	152 064
Partnership	70	24 912	(NA)	(NA)	52	24 207	36	42 301
Corporation	34	7 130	(NA)	(NA)	31	7 049	25	(D)
Other—cooperative, estate or trust, institutional, etc.	23	7 058	(NA)	(NA)	12	3 567	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	251	257	206	226
Other	409	299	213	154
Operators by age group:				
Under 25 years	10	7	9	5
25 to 34 years	71	29	46	21
35 to 44 years	117	100	58	49
45 to 54 years	164	159	110	120
55 to 64 years	174	136	120	101
65 years and over	124	125	76	84
Average age	51.9	53.6	52.3	54.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	444	360	284	260
Not on farm operated	142	84	89	56
Not reported	74	112	46	64
Operators reporting days of work off farm:				
None	215	133	167	116
1 to 49 days	38	42	19	11
50 to 99 days	18	12	14	11
100 to 149 days	16	16	11	12
150 to 199 days	45	55	30	51
200 days or more	305	201	160	110

[1]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	263	1 752	251	1 731	212	1 669	165	1 625
Feed for livestock and poultry	425	6 462	340	7 272	313	6 119	203	6 969
Commercially mixed formula feeds	170	4 174	228	6 296	123	3 979	160	6 109
Animal health costs	361	156	(NA)	(NA)	276	134	180	85
Seeds, bulbs, plants, and trees	266	470	260	305	210	453	200	293
Commercial fertilizer	263	460	291	458	220	432	219	413
Other agricultural chemicals including lime	272	173	215	115	234	168	188	111
Hired farm labor	328	2 284	268	2 687	271	2 190	227	2 508
Contract labor	77	241	30	93	72	240	27	93
Customwork, machine hire, and rental of machinery and equipment	262	253	236	198	205	231	172	180
Energy and petroleum products	656	1 338	(NA)	(NA)	479	1 236	(NA)	(NA)
Petroleum products	656	913	562	664	479	843	396	626
Gasoline	643	401	(NA)	(NA)	472	368	375	369
Diesel fuel	310	172	(NA)	(NA)	241	152	202	137
LP gas, butane, and propane	64	11	(NA)	(NA)	48	8	56	19
Fuel oil	88	35	(NA)	(NA)	56	32		
Natural gas	68	225	(NA)	(NA)	61	222	395	100
Kerosene, motor oil, and grease	656	71	(NA)	(NA)	479	63		
Electricity	357	419	(NA)	(NA)	293	386	(NA)	(NA)
Other—coal, wood, coke, etc.	37	6	(NA)	(NA)	37	6	(NA)	(NA)

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

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

	All forms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	254	20 766	211	19 398	219	19 171
Cropland fertilized, except pasture	244	19 956	201	18 740	(NA)	18 738
Pasture and rangeland fertilized	38	810	34	658	(NA)	433
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	122	8 625	108	8 282	(NA)	6 216
Nematodes in crops	3	193	3	193	12	1 209
Diseases in crops and orchards	20	337	15	332	7	413
Weeds, grass, or brush in crops and pasture	122	4 059	109	3 794	(NA)	10 975
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	2	(D)	–	–
Insect control on livestock and poultry	133	(X)	108	(X)	37	(X)
Sanitation and rodent and bird control	62	(X)	61	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	661	555	483	382
$1,000	14 045	11 966	12 362	10 001
Average per farm — dollars	21 249	21 560	25 595	26 181
Farms by value group:				
$1 to $4,999	116	123	75	87
$5,000 to $9,999	164	112	77	50
$10,000 to $19,999	166	124	134	69
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	82	69	68	56
$30,000 to $49,999	75	82	74	77
$50,000 to $69,999	26	17	24	16
$70,000 to $99,999	8		7	
$100,000 to $199,999	20	28	20	27
$200,000 or more	4		4	

	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	353	511	217	245	225	266	404	603	309
Motortrucks including pickups	520	962	221	296	390	666	493	955	295
Wheel tractors	525	1 018	132	151	488	867	436	878	195
Grain and bean combines, self-propelled only	39	46	3	3	36	43	56	65	22
Corn heads for combines	7	7	1	(D)	6	(D)	13	13	5
Other cornpickers and picker-shellers	5	5	1	(D)	4	(D)	4	4	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	140	149	55	57	87	92	76	80	20
Pickup balers	248	261	50	51	205	210	184	188	65
Field forage harvesters, shear bar or flywheel type	47	49	13	14	34	35	45	48	20

Table 8. **Hired Farm Workers: 1978 and 1974**

[1978 data are based on a sample of forms; 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	Forms	Workers	Forms	Workers	1978	1974
Farms	328	92	(X)	291	(X)	271	227
Workers	1 497	(X)	431	(X)	1 066	1 343	1 589
Farms with—							
1 worker	78	38	38	62	62	68	72
2 workers	105	21	42	112	224	79	32
3 or 4 workers	65	13	42	62	212	51	34
5 to 9 workers	54	12	75	34	216	47	45
10 workers or more	26	8	234	21	352	26	44

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	490	(X)	424	(X)	306	(X)	279	(X)
Any cattle, hogs, or sheep	347	(X)	349	(X)	210	(X)	212	(X)
Sales:								
Any livestock or poultry and their products $1,000	440	16 173	396	15 412	292	15 319	270	14 764
Any cattle, hogs, or sheep $1,000	311	(D)	308	(NA)	201	(D)	200	2 776
CATTLE AND CALVES								
Inventory:								
Cattle and calves	288	13 944	296	16 817	164	12 028	172	14 881
Cows and heifers that had calved	209	7 103	221	8 284	117	6 192	137	7 337
Beef cows	155	4 607	150	4 362	83	4 105	89	3 712
Milk cows	75	2 496	101	3 922	41	2 087	65	3 625
Heifers and heifer calves	190	3 753	(NA)	(NA)	112	3 265	126	4 289
Steers, steer calves, bulls and bull calves	207	3 088	(NA)	(NA)	126	2 571	137	3 255
Sales:								
Cattle and calves	233	7 452	229	6 165	154	6 863	162	5 607
$1,000	(X)	2 329	(X)	(NA)	(X)	2 157	(X)	1 212
Calves	88	2 277	(NA)	(NA)	60	2 016	65	1 841
$1,000	(X)	403	(X)	(NA)	(X)	351	(X)	193
Cattle	207	5 175	(NA)	(NA)	137	4 847	144	3 766
$1,000	(X)	1 926	(X)	(NA)	(X)	1 807	(X)	1 018
Fattened cattle	83	1 482	(NA)	(NA)	51	1 371	48	1 030
$1,000	(X)	636	(X)	(NA)	(X)	596	(X)	362
Dairy products $1,000	32	3 114	(NA)	(NA)	24	2 677	47	3 217
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	86	4 422	79	6 537	47	3 508	47	5 943
Used or to be used for breeding	42	428	(NA)	(NA)	26	315	24	356
Other hogs and pigs	76	3 994	(NA)	(NA)	40	3 193	43	5 587
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	45	562	42	699	27	461	25	554
Dec. 1 of preceding year and May 31	36	281	39	376	22	228	24	299
June 1 and Nov. 30	31	281	34	323	21	233	19	255
Sheep and lambs	115	19 882	121	34 981	71	19 381	59	33 912
Ewes 1 year old or older	107	13 275	(NA)	(NA)	68	13 001	58	27 126
Goats	8	396	(NA)	(NA)	5	381	1	(D)
Horses and ponies	229	1 540	151	999	139	928	84	707
Sales:								
Hogs and pigs	69	5 386	66	7 879	42	4 523	40	7 121
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	483
Feeder pigs	18	513	23	765	14	420	12	473
$1,000	(X)	16	(X)	(NA)	(X)	13	(X)	11
Sheep and lambs	105	15 478	86	31 277	66	15 120	51	30 718
Sheep and lambs shorn	106	15 209	(NA)	(NA)	68	14 862	45	29 283
Pounds of wool	(X)	141 308	(X)	(NA)	(X)	138 137	(X)	319 676
Sheep, lambs, and wool $1,000	112	916	(NA)	(NA)	71	894	54	1 081
Goats	2	(D)	(NA)	(NA)	2	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Horses and ponies	95	279	38	175	65	230	27	153
$1,000	(X)	548	(X)	(NA)	(X)	517	(X)	239
POULTRY								
Inventory:								
Any poultry	98	(X)	91	(X)	49	(X)	41	(X)
Chickens 3 months old or older	89	589 768	86	902 720	44	578 576	37	880 764
Hens and pullets of laying age	88	578 398	83	717 633	43	(D)	36	700 429
Pullets 3 months old or older	13	11 370	(NA)	(NA)	7	(D)	11	178 485
Pullet chicks and pullets under 3 months old	6	(D)	(NA)	(NA)	6	(D)	3	(D)
Broilers and other meat-type chickens	18	1 137	9	1 741	8	913	5	1 654
Turkeys	6	40	(NA)	(NA)	2	(D)	3	56
Turkeys for slaughter	6	(D)	(NA)	(NA)	2	(D)	3	56
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	31	(X)	(NA)	(X)	16	(X)	5	(X)
Sales:								
Any poultry	33	(X)	30	(X)	22	(X)	26	(X)
Chickens 3 months old or older	16	201 558	21	418 423	15	(D)	17	402 673
Hens and pullets of laying age	16	201 558	20	407 260	15	(D)	17	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	1	(D)	1	(D)	1	(D)	1	(D)
Turkeys	2	(D)	(NA)	(NA)	–	–	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	7	(X)	(NA)	(X)	7	(X)	8	(X)
Poultry and poultry products $1,000	42	(D)	52	7 393	25	(D)	29	7 187

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	61	1 876	(X)	61	1 876	55	1 679	(X)	55	1 679
	1974	84	2 700	(X)	(NA)	(NA)	74	2 428	(X)	74	2 428
For grain or seed (bushels)	1978	17	(D)	59 813	17	(D)	16	(D)	(D)	16	(D)
	1974	31	743	82 373	(NA)	(NA)	26	651	74 570	26	651
For silage or green chop (tons, green)	1978	46	1 263	21 324	46	1 263	42	(D)	19 269	42	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	55	1 777	32 561	55	1 777
For fodder, hogged or grazed	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	3	50	(X)	3	50	3	50	(X)	3	50
	1974	4	68	(X)	(NA)	(NA)	3	(D)	(X)	3	52
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	71	13 562	420 898	47	900	63	13 495	418 317	42	879
	1974	145	14 490	424 513	(NA)	(NA)	113	14 179	412 080	89	2 465
Oats for grain (bushels)	1978	34	413	19 673	30	238	27	357	17 420	24	188
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	227	17 870	16	207
Barley for grain (bushels)	1978	133	3 735	271 723	123	3 597	108	3 260	235 494	101	3 140
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	128	2 979	208 580	106	2 796
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)	2	(D)	(X)	2	(D)
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	10	34	6 414	10	34	6	31	6 076	6	31
	1974	24	45	4 552	(NA)	(NA)	18	39	4 121	18	39
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	352	11 128	39 544	338	10 400	210	9 087	32 784	199	8 479
	1974	318	13 008	48 821	(NA)	(NA)	223	11 087	42 455	198	10 417
Alfalfa hay (tons, dry)	1978	328	9 197	36 649	317	8 693	194	7 303	30 172	185	6 880
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	205	9 328	37 223	181	8 785
Other tame dry hay (tons, dry) (see text)	1978	19	816	987	16	757	13	754	903	12	724
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	45	815	(X)	45	815	37	800	(X)	37	800
	1974	66	1 080	(X)	(NA)	(NA)	55	1 008	(X)	55	946
Sweet corn	1978	22	273	(X)	22	273	18	268	(X)	18	268
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	169	(X)	16	166
Tomatoes	1978	23	52	(X)	23	52	18	50	(X)	18	50
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	42	(X)	19	42
Green peas excluding cowpeas	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	177	(X)	13	149
Land in orchards	1978	47	319	(X)	45	294	22	260	(X)	20	235
	1974	27	217	(X)	(NA)	(NA)	15	175	(X)	14	171
Apples (pounds)	1978	29	149	976 346	(NA)	(NA)	15	126	956 026	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105	424 600	(NA)	(NA)
Peaches (pounds)	1978	13	15	33 900	(NA)	(NA)	8	14	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	33	93 695	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	4	1 630	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	7	(D)	(X)	7	9	3	(D)	(X)	3	8
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Strawberries (pounds)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	2	(D)
Nursery and greenhouse products	1978	31	143	(X)	22	131	28	142	(X)	20	(D)
Other crops	1978	6	377	(X)	(NA)	(NA)	6	377	(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	213	411 693	231	507 196	178	396 569	179	444 190
Average size of farm	(X)	1 933	(X)	2 196	(X)	2 228	(X)	2 482
Approximate land area	(X)	4 932 480	(X)	4 932 480	(X)	4 932 480	(X)	4 932 480
Proportion in farms ... percent	(X)	8.3	(X)	10.3	(X)	8.0	(X)	9.0
Value of land and buildings:[1]								
Average per farm ... dollars	308 598	(X)	274 827	(X)	338 924	(X)	280 296	(X)
Average per acre ... dollars	(X)	170	(X)	125	(X)	164	(X)	113
Land in farms according to use:								
Total cropland	194	136 700	207	114 899	166	132 304	168	110 533
Harvested cropland	183	65 705	193	57 355	161	64 671	165	56 796
By acres harvested:								
1 to 9 acres	5	24	16	(NA)	2	(D)	–	(NA)
10 to 19 acres	16	226	5	(NA)	9	136	1	(NA)
20 to 29 acres	10	227	13	(NA)	7	161	9	(NA)
30 to 49 acres	15	557	10	(NA)	11	422	7	(NA)
50 to 99 acres	20	1 442	41	(NA)	16	1 181	41	(NA)
100 to 199 acres	19	2 627	26	(NA)	19	2 627	26	(NA)
200 to 499 acres	49	15 466	39	(NA)	48	(D)	38	(NA)
500 to 999 acres	33	23 704	29	(NA)	33	23 704	29	(NA)
1,000 acres or more	16	21 432	14	(NA)	16	21 432	14	(NA)
Cropland used only for pasture	62	14 421	79	15 235	47	12 460	59	12 035
Other cropland	124	56 574	129	42 309	113	55 173	124	41 702
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	10	1 820	(NA)	(NA)	9	(D)	15	1 586
Cropland on which all crops failed	16	2 194	(NA)	(NA)	12	(D)	25	3 339
Cropland in cultivated summer fallow	112	47 601	(NA)	(NA)	104	46 692	111	34 065
Cropland idle	40	4 959	(NA)	(NA)	37	4 929	19	2 712
Total woodland	69	29 309	42	18 636	60	26 227	38	17 871
Woodland pastured	42	15 046	(NA)	(NA)	33	(D)	19	8 285
Woodland not pastured	34	14 263	(NA)	(NA)	33	(D)	21	9 586
Other land	159	245 684	165	373 661	134	238 038	137	315 786
Pastureland and rangeland, other than cropland and woodland pastured	110	231 845	(NA)	(NA)	98	224 690	106	295 992
Land in house lots, ponds, roads, wasteland, etc	95	13 839	(NA)	(NA)	78	13 348	105	19 794
Pastureland, all types	156	261 312	(NA)	(NA)	130	249 854	(NA)	316 312
Irrigated land	78	6 210	73	5 015	65	5 949	49	4 700
Harvested cropland irrigated	75	4 612	(NA)	(NA)	64	4 434	46	3 300
Pastureland irrigated	21	(D)	(NA)	(NA)	17	(D)	(NA)	1 400
Other land irrigated	6	(D)	(NA)	(NA)	4	(D)	–	–
Land set aside in the federal farm programs in 1978	52	6 799	(X)	(X)	48	6 270	(X)	(X)

[1] 1978 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]	213	6 784	231	5 986	178	6 729	179	5 930
Average per farm ... dollars	(X)	31 850	(X)	25 913	(X)	37 802	(X)	33 128
Farms by value of agricultural products sold:[1]								
$100,000 or more	15	2 874	4	(NA)	15	2 874	4	(NA)
$40,000 to $99,999	33	1 891	42	(NA)	33	1 891	42	(NA)
$20,000 to $39,999	39	1 164	36	(NA)	39	1 164	36	(NA)
$10,000 to $19,999	37	529	30	(NA)	37	529	30	(NA)
$5,000 to $9,999	19	148	33	(NA)	19	148	33	(NA)
$2,500 to $4,999	35	122	32	(NA)	35	122	32	(NA)
Less than $2,500 (see text)	34	(D)	53	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	4	8	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	4	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	10	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	150	2 733	164	3 021	138	2 706	(NA)	3 000
Grains	130	2 545	(NA)	(NA)	123	2 525	138	2 881
Commodity Credit Corporation loans	20	184	(NA)	(NA)	20	184	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	36	164	(NA)	(NA)	31	158	10	110
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	2	(D)	–	–	2	(D)	–	–
Other crops	–	–	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	134	4 051	163	2 965	111	4 023	121	2 930
Poultry and poultry products	3	(D)	3	15	2	(D)	3	15
Dairy products	3	(D)	(NA)	(NA)	1	(D)	2	(D)
Cattle and calves	122	3 940	(NA)	(NA)	108	3 921	116	2 676
Hogs and pigs	19	24	(NA)	(NA)	14	23	7	63
Sheep, lambs, and wool	11	10	(NA)	(NA)	4	4	17	132
Other livestock and livestock products (see text)	16	20	(NA)	(NA)	12	19	9	(D)

[1] 1974 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	213	231	411 693	183	382 917	65 705	78	179 717	15 386	6 210
Farms with—										
1 to 9 acres	9	20	21	3	10	10	2	(D)	(D)	(D)
10 to 49 acres	12	5	356	10	281	201	10	291	191	203
50 to 69 acres	4	1	256	4	256	184	2	(D)	(D)	(D)
70 to 99 acres	5	3	(D)	3	(D)	(D)	2	(D)	(D)	(D)
100 to 139 acres	1	6	(D)	1	(D)	(D)	1	(D)	(D)	(D)
140 to 179 acres	8	3	1 237	7	1 082	232	4	642	95	172
180 to 219 acres	5	3	969	5	969	195	3	599	75	75
220 to 259 acres	3	1	721	3	721	201	1	(D)	(D)	(D)
260 to 499 acres	21	42	7 766	18	6 804	1 802	6	2 427	638	767
500 to 999 acres	34	29	24 953	27	19 890	5 154	12	7 950	696	776
1,000 to 1,999 acres	56	51	76 115	51	68 716	25 650	9	12 345	3 666	338
2,000 acres or more	55	67	298 800	51	283 849	31 894	26	154 839	9 797	3 584

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	213	411 693	231	507 196	178	396 569	179	444 190
Harvested cropland	183	65 705	193	57 355	161	64 671	165	56 796
Tenure of operator:								
Full owners	116	113 752	151	193 495	85	(D)	101	131 139
Harvested cropland	98	22 793	(NA)	20 456	77	21 769	(NA)	19 897
Part owners	87	289 400	73	305 415	84	287 492	71	(D)
Harvested cropland	78	(D)	(NA)	33 398	77	(D)	(NA)	33 398
Tenants	10	8 541	7	8 286	9	(D)	7	(D)
Harvested cropland	7	(D)	(NA)	3 501	7	(D)	(NA)	3 501
Type of organization:								
Individual or family	158	274 964	(NA)	(NA)	129	261 661	151	338 663
Partnership	38	90 892	(NA)	(NA)	33	(D)	24	73 071
Corporation	10	37 032	(NA)	(NA)	10	37 032	4	32 456
Other—cooperative, estate or trust, institutional, etc.	7	8 805	(NA)	(NA)	6	(D)	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	118	152	109	121
Other	95	74	69	54
Operators by age group:				
Under 25 years	3	20	3	2
25 to 34 years	25	16	23	11
35 to 44 years	33	57	29	46
45 to 54 years	65	56	50	52
55 to 64 years	54	50	47	45
65 years and over	33	27	26	19
Average age	51.1	47.4	50.5	49.8

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	84	65	72	54
Not on farm operated	110	121	91	90
Not reported	19	40	15	31
Operators reporting days of work off farm:				
None	70	75	63	64
1 to 49 days	23	16	20	16
50 to 99 days	16	25	14	6
100 to 149 days	10	12	9	12
150 to 199 days	11	11	7	11
200 days or more	77	62	60	45

[1]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	77	1 174	87	829	76	(D)	79	819
Feed for livestock and poultry	141	738	147	1 086	120	731	104	1 056
Commercially mixed formula feeds	27	100	78	427	27	100	54	418
Animal health costs	105	43	(NA)	(NA)	98	43	73	35
Seeds, bulbs, plants, and trees	88	53	61	39	85	48	53	37
Commercial fertilizer	23	39	33	137	22	(D)	30	136
Other agricultural chemicals including lime	98	102	56	44	86	96	54	(D)
Hired farm labor	96	683	92	463	95	(D)	86	461
Contract labor	9	20	5	10	9	20	5	10
Customwork, machine hire, and rental of machinery and equipment	117	277	95	184	104	275	78	178
Energy and petroleum products	213	556	(NA)	(NA)	185	548	(NA)	(NA)
Petroleum products	213	487	230	402	185	480	179	388
Gasoline	193	273	(NA)	(NA)	180	271	174	190
Diesel fuel	180	158	(NA)	(NA)	163	156	154	136
LP gas, butane, and propane	47	(D)	(NA)	(NA)	42	(D)	46	27
Fuel oil	1	(D)	(NA)	(NA)	1	(D)		
Natural gas	–	–	(NA)	(NA)	–	–	179	34
Kerosene, motor oil, and grease	213	38	(NA)	(NA)	185	38		
Electricity	129	(D)	(NA)	(NA)	123	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	2	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	23	3 953	22	(D)	30	4 538
Cropland fertilized, except pasture	23	(D)	22	(D)	(NA)	4 538
Pasture and rangeland fertilized	1	(D)	–	–	(NA)	–
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	3	2 250	3	2 250	(NA)	2 532
Nematodes in crops	–	–	–	–	1	(D)
Diseases in crops and orchards	8	2 876	8	2 876	–	–
Weeds, grass, or brush in crops and pasture	66	13 300	54	12 405	(NA)	6 922
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	43	(X)	43	(X)	12	(X)
Sanitation and rodent and bird control	–	(X)	–	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	214	223	185	175
$1,000	5 722	5 036	5 517	4 551
Average per farm — dollars	26 738	22 583	29 820	26 006
Farms by value group:				
$1 to $4,999	14	33	12	21
$5,000 to $9,999	58	30	33	22
$10,000 to $19,999	50	61	49	35

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	16	37	16	35
$30,000 to $49,999	46	40	45	40
$50,000 to $69,999	8	15	8	15
$70,000 to $99,999	17		17	
$100,000 to $199,999	5	7	5	7
$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	105	129	50	65	58	64	151	227	150
Motortrucks including pickups	198	381	115	148	142	233	201	431	194
Wheel tractors	201	334	40	44	184	290	167	334	98
Grain and bean combines, self-propelled only	81	86	6	6	77	80	66	81	24
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	10	10	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	57	57	18	18	39	39	19	20	7
Pickup balers	84	87	7	7	78	80	71	72	17
Field forage harvesters, shear bar or flywheel type	3	3	2	(D)	1	(D)	5	5	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			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	96	43	(X)	85	(X)	95	86
Workers	444	(X)	103	(X)	341	(D)	760
Forms with—							
1 worker	16	14	14	12	12	15	19
2 workers	10	9	18	19	38	10	6
3 or 4 workers	42	18	(D)	37	122	42	18
5 to 9 workers	17	2	(D)	8	50	17	22
10 workers or more	11	–	–	9	119	11	21

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	152	(X)	173	(X)	125	(X)	126	(X)
Any cattle, hogs, or sheep	139	(X)	166	(X)	113	(X)	123	(X)
Sales:								
Any livestock or poultry and their products $1,000	134	4 051	163	2 965	111	4 023	121	2 930
Any cattle, hogs, or sheep $1,000	131	3 974	160	(NA)	109	3 948	118	2 871
CATTLE AND CALVES								
Inventory:								
Cattle and calves	132	23 082	142	26 682	112	22 847	120	26 125
Cows and heifers that had calved	120	13 979	131	14 320	102	13 847	111	14 029
Beef cows	111	13 869	127	14 222	97	13 744	107	(D)
Milk cows	30	110	23	98	25	103	21	(D)
Heifers and heifer calves	96	4 931	(NA)	(NA)	82	4 886	99	5 789
Steers, steer calves, bulls and bull calves	104	4 172	(NA)	(NA)	91	4 114	106	6 307
Sales:								
Cattle and calves	122	12 488	137	12 046	108	12 400	116	11 845
$1,000	(X)	3 940	(X)	(NA)	(X)	3 921	(X)	2 676
Calves	90	7 314	(NA)	(NA)	80	7 255	92	5 894
$1,000	(X)	1 971	(X)	(NA)	(X)	1 962	(X)	678
Cattle	93	5 174	(NA)	(NA)	84	5 145	76	5 951
$1,000	(X)	1 969	(X)	(NA)	(X)	1 959	(X)	1 999
Fattened cattle	1	(D)	(NA)	(NA)	1	(D)	5	1 554
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	605
Dairy products $1,000	3	(D)	(NA)	(NA)	1	(D)	2	(D)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	19	224	9	478	15	194	7	(D)
Used or to be used for breeding	12	75	(NA)	(NA)	9	(D)	1	(D)
Other hogs and pigs	16	149	(NA)	(NA)	14	(D)	7	464
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	13	61	2	(D)	9	53	2	(D)
Dec. 1 of preceding year and May 31	12	34	2	(D)	8	(D)	2	(D)
June 1 and Nov. 30	5	27	1	(D)	4	(D)	1	(D)
Sheep and lambs	11	270	38	12 533	4	92	17	11 105
Ewes 1 year old or older	11	173	(NA)	(NA)	4	78	17	5 071
Goats	3	22	(NA)	(NA)	–	–	–	–
Horses and ponies	87	499	74	466	79	458	49	359
Sales:								
Hogs and pigs	19	381	9	780	14	359	7	(D)
$1,000	(X)	24	(X)	(NA)	(X)	23	(X)	63
Feeder pigs	8	198	1	(D)	6	(D)	1	(D)
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	10	163	38	4 194	4	79	17	3 186
Sheep and lambs shorn	10	201	(NA)	(NA)	4	83	2	(D)
Pounds of wool	(X)	1 612	(X)	(NA)	(X)	572	(X)	(D)
Sheep, lambs, and wool $1,000	11	10	(NA)	(NA)	4	4	17	132
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	12	68	9	39	11	(D)	9	39
$1,000	(X)	19	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	25	(X)	14	(X)	22	(X)	12	(X)
Chickens 3 months old or older	25	555	14	1 265	22	450	12	(D)
Hens and pullets of laying age	25	(D)	14	1 250	22	(D)	12	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	4	22	2	(D)	3	(D)	2	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	5	(X)	–	(X)
Sales:								
Any poultry	2	(X)	3	(X)	1	(X)	3	(X)
Chickens 3 months old or older	1	(D)	2	(D)	–	–	2	(D)
Hens and pullets of laying age	1	(D)	2	(D)	–	–	2	(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)	1	(X)	–	(X)
Poultry and poultry products $1,000	3	(D)	3	15	2	(D)	3	15

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	3	71	(X)	3	71	3	71	(X)	3	71
	1974	3	309	(X)	(NA)	(NA)	3	309	(X)	2	(D)
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	129	51 221	962 476	6	208	120	50 472	950 517	5	(D)
	1974	139	36 622	527 057	(NA)	(NA)	135	36 321	522 296	8	660
Oats for grain (bushels)	1978	18	552	10 162	9	60	18	552	10 162	9	60
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	1 000	16 660	5	75
Barley for grain (bushels)	1978	13	373	12 900	6	108	13	373	12 900	6	108
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	471	7 302	3	28
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	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	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	4	4	283	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	89	5 726	12 105	72	4 063	76	5 454	11 702	62	3 905
	1974	78	3 285	7 706	(NA)	(NA)	54	3 043	7 341	44	2 091
Alfalfa hay (tons, dry)	1978	75	4 216	11 091	69	3 929	65	4 015	10 752	61	3 826
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	46	2 255	6 403	42	1 996
Other tame dry hay (tons, dry) (see text)	1978	5	(D)	156	2	(D)	2	(D)	(D)	1	(D)
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
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	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	8	30	(X)	6	(D)	6	(D)	(X)	4	(D)
	1974	4	20	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	7	11	995	(NA)	(NA)	5	(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	5	1	943	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
Other crops	1978	31	7 460	(X)	(NA)	(NA)	31	7 460	(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	756	443 573	749	449 441	616	396 386	566	433 759
Average size of farm	(X)	587	(X)	600	(X)	643	(X)	766
Approximate land area	(X)	1 022 080	(X)	1 022 080	(X)	1 022 080	(X)	1 022 080
Proportion in farms ... percent	(X)	43.4	(X)	44.0	(X)	38.8	(X)	42.4
Value of land and buildings:[1]								
Average per farm ... dollars	220 884	(X)	105 606	(X)	255 133	(X)	128 862	(X)
Average per acre ... dollars	(X)	392	(X)	176	(X)	399	(X)	168
Land in farms according to use:								
Total cropland	681	107 591	677	94 753	553	100 483	506	85 324
Harvested cropland	635	57 927	623	54 404	522	55 898	481	51 358
By acres harvested:								
1 to 9 acres	48	258	51	(NA)	27	149	22	(NA)
10 to 19 acres	88	1 217	75	(NA)	41	595	29	(NA)
20 to 29 acres	65	1 491	56	(NA)	38	906	28	(NA)
30 to 49 acres	105	3 979	112	(NA)	90	3 418	80	(NA)
50 to 99 acres	133	9 209	152	(NA)	130	9 057	145	(NA)
100 to 199 acres	121	16 797	97	(NA)	121	16 797	97	(NA)
200 to 499 acres	60	16 383	74	(NA)	60	16 383	74	(NA)
500 to 999 acres	15	8 593	5	(NA)	15	8 593	5	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	401	38 731	413	33 799	324	35 122	299	28 109
Other cropland	245	10 933	161	6 550	198	9 463	121	5 857
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	43	2 242	(NA)	(NA)	39	1 692	14	920
Cropland on which all crops failed	49	1 177	(NA)	(NA)	33	800	16	830
Cropland in cultivated summer fallow	90	2 149	(NA)	(NA)	75	2 062	61	2 166
Cropland idle	137	5 365	(NA)	(NA)	112	4 909	53	1 941
Total woodland	37	16 161	46	13 737	30	13 226	38	12 943
Woodland pastured	27	14 013	(NA)	(NA)	24	11 568	27	10 250
Woodland not pastured	16	2 148	(NA)	(NA)	12	1 658	15	2 693
Other land	531	319 821	556	340 951	447	282 677	454	335 492
Pastureland and rangeland, other than cropland and woodland pastured	338	303 733	(NA)	(NA)	298	267 353	303	322 586
Land in house lots, ponds, roads, wasteland, etc	362	16 088	(NA)	(NA)	299	15 324	335	12 906
Pastureland, all types	598	356 477	(NA)	(NA)	496	314 043	(NA)	360 945
Irrigated land	636	74 843	599	56 300	519	71 785	456	52 720
Harvested cropland irrigated	601	50 707	(NA)	(NA)	499	48 974	439	39 307
Pastureland irrigated	311	23 105	(NA)	(NA)	256	22 006	(NA)	13 161
Other land irrigated	60	1 031	(NA)	(NA)	42	805	11	252
Land set aside in the federal farm programs in 1978	149	2 186	(X)	(X)	136	2 108	(X)	(X)

[1]1978 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]	756	49 444	749	28 234	616	49 081	566	28 010
Average per farm ... dollars	(X)	65 403	(X)	37 696	(X)	79 677	(X)	49 488
Farms by value of agricultural products sold:[1]								
$100,000 or more	110	37 801	75	(NA)	110	37 801	75	(NA)
$40,000 to $99,999	93	6 099	92	(NA)	93	6 099	92	(NA)
$20,000 to $39,999	82	2 335	118	(NA)	82	2 335	118	(NA)
$10,000 to $19,999	115	1 601	87	(NA)	115	1 601	87	(NA)
$5,000 to $9,999	118	880	115	(NA)	118	880	115	(NA)
$2,500 to $4,999	98	366	73	(NA)	98	366	73	(NA)
Less than $2,500 (see text)	136	179	187	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	30	66	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	29	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	40	48	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	37	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	184	2	(NA)	(X)	(X)	(X)	(X)
Crops	294	2 290	352	1 989	246	2 232	(NA)	1 922
Grains	208	681	(NA)	(NA)	184	663	224	665
Commodity Credit Corporation loans	11	43	(NA)	(NA)	10	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	184	1 466	(NA)	(NA)	148	1 427	151	1 210
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	1	(D)
Nursery and greenhouse products	2	(D)	4	22	2	(D)	4	22
Other crops	2	(D)	(NA)	(NA)	2	(D)	5	(D)
Livestock, poultry, and their products	655	47 155	681	26 245	562	46 849	521	26 088
Poultry and poultry products	99	28 356	126	14 146	97	(D)	121	14 145
Dairy products	61	6 456	(NA)	(NA)	59	(D)	76	4 568
Cattle and calves	435	7 277	(NA)	(NA)	388	7 224	374	3 691
Hogs and pigs	82	893	(NA)	(NA)	78	890	53	205
Sheep, lambs, and wool	270	4 105	(NA)	(NA)	228	4 052	224	3 441
Other livestock and livestock products (see text)	44	68	(NA)	(NA)	32	58	17	38

[1]1974 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	756	749	443 573	635	373 863	57 927	636	371 728	57 233	74 843
Farms with—										
1 to 9 acres	45	42	138	11	45	41	10	41	30	31
10 to 49 acres	121	110	3 385	95	2 685	1 657	95	2 667	1 587	1 937
50 to 69 acres	53	59	3 115	48	2 832	1 391	47	2 765	1 311	1 664
70 to 99 acres	66	87	5 538	54	4 526	1 821	52	4 360	1 677	2 302
100 to 139 acres	72	67	8 322	62	7 185	3 301	63	7 309	3 277	4 057
140 to 179 acres	48	57	7 640	41	6 517	2 671	43	6 842	2 671	3 377
180 to 219 acres	38	39	7 642	35	7 061	2 898	37	7 444	2 898	3 720
220 to 259 acres	21	23	4 843	19	4 354	1 809	18	4 124	1 639	2 133
260 to 499 acres	120	115	43 110	108	38 841	12 013	109	39 361	11 953	15 942
500 to 999 acres	90	78	60 973	86	58 536	14 432	88	59 751	14 432	20 578
1,000 to 1,999 acres	48	35	66 050	48	66 050	11 872	47	64 960	11 772	14 266
2,000 acres or more	34	37	232 817	28	175 231	4 021	27	172 104	3 986	4 836

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	756	443 573	749	449 441	616	396 386	566	433 759
Harvested cropland	635	57 927	623	54 404	522	55 898	481	51 358
Tenure of operator:								
Full owners	454	190 471	485	149 043	348	148 233	348	136 600
Harvested cropland	364	23 497	(NA)	30 934	280	22 056	(NA)	28 509
Part owners	268	247 727	225	288 961	245	243 144	187	286 498
Harvested cropland	248	33 404	(NA)	22 376	228	32 994	(NA)	21 821
Tenants	34	5 375	39	11 437	23	5 009	31	10 661
Harvested cropland	23	1 026	(NA)	1 094	14	848	(NA)	1 028
Type of organization:								
Individual or family	637	273 575	(NA)	(NA)	511	257 550	489	294 496
Partnership	74	97 436	(NA)	(NA)	66	96 561	43	(D)
Corporation	34	41 057	(NA)	(NA)	34	41 057	32	93 198
Other—cooperative, estate or trust, institutional, etc.	11	31 505	(NA)	(NA)	5	1 218	2	(D)

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	423	450	385	381
Other	333	263	231	151
Operators by age group:				
Under 25 years	12	4	12	4
25 to 34 years	75	55	69	37
35 to 44 years	121	116	97	98
45 to 54 years	226	170	190	140
55 to 64 years	186	198	150	149
65 years and over	136	170	98	104
Average age	51.9	53.8	51.1	53.0

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	366	176	309	138
Not on farm operated	320	404	254	291
Not reported	70	133	53	103
Operators reporting days of work off farm:				
None	244	233	213	204
1 to 49 days	97	65	84	55
50 to 99 days	30	37	27	19
100 to 149 days	33	17	29	12
150 to 199 days	75	51	61	36
200 days or more	245	176	173	96

[1]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	366	7 947	409	3 826	336	7 911	310	3 759
Feed for livestock and poultry	529	21 422	543	13 096	471	21 309	428	13 036
Commercially mixed formula feeds	249	18 944	348	11 496	237	18 854	291	11 483
Animal health costs	553	370	(NA)	(NA)	484	364	394	198
Seeds, bulbs, plants, and trees	377	279	360	176	323	268	295	169
Commercial fertilizer	308	373	267	284	262	358	236	282
Other agricultural chemicals including lime	383	141	304	59	326	138	261	58
Hired farm labor	408	2 512	277	1 285	370	2 440	235	1 270
Contract labor	75	232	50	162	74	(D)	46	161
Customwork, machine hire, and rental of machinery and equipment	419	348	391	219	311	305	295	202
Energy and petroleum products	749	2 030	(NA)	(NA)	601	1 982	(NA)	(NA)
Petroleum products	749	1 706	744	1 002	601	1 665	564	952
Gasoline	740	1 016	(NA)	(NA)	599	987	556	612
Diesel fuel	449	338	(NA)	(NA)	402	330	327	181
LP gas, butane, and propane	132	226	(NA)	(NA)	132	226	107	71
Fuel oil	42	19	(NA)	(NA)	38	19		
Natural gas	–	–	(NA)	(NA)	–	–	562	88
Kerosene, motor oil, and grease	749	106	(NA)	(NA)	601	103		
Electricity	390	278	(NA)	(NA)	368	274	(NA)	(NA)
Other—coal, wood, coke, etc.	91	46	(NA)	(NA)	74	43	(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	297	21 136	251	20 245	236	13 421
Cropland fertilized, except pasture	294	19 828	249	18 966	(NA)	12 829
Pasture and rangeland fertilized	42	1 308	39	1 279	(NA)	592
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	300	18 736	268	18 202	(NA)	13 700
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	7	98	7	98	2	(D)
Weeds, grass, or brush in crops and pasture	174	6 102	142	5 841	(NA)	4 881
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	3	22
Insect control on livestock and poultry	217	(X)	195	(X)	63	(X)
Sanitation and rodent and bird control	83	(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	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	749	738	601	555
$1,000	20 171	15 284	19 083	13 553
Average per farm — dollars	26 931	20 710	31 753	24 420
Farms by value group:				
$1 to $4,999	93	108	57	41
$5,000 to $9,999	204	143	114	85
$10,000 to $19,999	140	167	126	136
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	82	137	76	113
$30,000 to $49,999	71	134	70	131
$50,000 to $69,999	75	19	75	19
$70,000 to $99,999	55	30	55	30
$100,000 to $199,999	26		25	
$200,000 or more	3		3	

	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	473	635	249	307	289	328	602	818	441
Motortrucks including pickups	669	1 330	352	497	503	833	689	1 281	479
Wheel tractors	604	1 283	165	204	546	1 079	656	1 349	360
Grain and bean combines, self-propelled only	74	79	8	8	67	71	65	68	17
Corn heads for combines	8	9	3	4	5	5	28	28	4
Other cornpickers and picker-shellers	8	8	5	5	3	3	9	9	3
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	305	312	122	123	185	189	141	144	31
Pickup balers	380	423	161	165	239	258	416	430	125
Field forage harvesters, shear bar or flywheel type	137	145	55	58	85	87	97	108	29

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	408	171	(X)	364	(X)	370	235
Workers	1 685	(X)	349	(X)	1 336	1 597	936
Farms with—							
1 worker	84	97	97	89	89	76	83
2 workers	69	41	82	65	130	50	37
3 or 4 workers	147	21	74	127	418	137	51
5 to 9 workers	83	9	50	66	389	83	41
10 workers or more	25	3	46	17	310	24	23

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	638	(X)	642	(X)	528	(X)	475	(X)
Any cattle, hogs, or sheep	588	(X)	619	(X)	494	(X)	454	(X)
Sales:								
Any livestock or poultry and their products $1,000	655	47 155	681	26 245	562	46 849	521	26 088
Any cattle, hogs, or sheep $1,000	583	12 275	608	(NA)	502	12 167	455	7 337
CATTLE AND CALVES								
Inventory:								
Cattle and calves	466	42 144	480	43 242	399	41 323	380	41 235
Cows and heifers that had calved	430	19 743	431	23 264	376	19 323	346	21 999
Beef cows	365	14 607	372	17 579	321	14 206	292	16 335
Milk cows	112	5 136	143	5 685	98	5 117	129	5 664
Heifers and heifer calves	390	13 105	(NA)	(NA)	340	12 901	286	9 206
Steers, steer calves, bulls and bull calves	390	9 296	(NA)	(NA)	342	9 099	325	10 030
Sales:								
Cattle and calves	435	22 303	453	17 049	388	22 122	374	16 528
$1,000	(X)	7 277	(X)	(NA)	(X)	7 224	(X)	3 691
Calves	247	6 635	(NA)	(NA)	221	6 538	174	5 808
$1,000	(X)	1 309	(X)	(NA)	(X)	1 288	(X)	657
Cattle	351	15 668	(NA)	(NA)	321	15 584	329	10 720
$1,000	(X)	5 968	(X)	(NA)	(X)	5 936	(X)	3 034
Fattened cattle	76	4 889	(NA)	(NA)	72	4 880	99	2 612
$1,000	(X)	2 253	(X)	(NA)	(X)	2 249	(X)	883
Dairy products $1,000	61	6 456	(NA)	(NA)	59	(D)	76	4 568
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	91	7 234	104	2 783	82	7 191	86	2 691
Used or to be used for breeding	62	1 051	(NA)	(NA)	59	1 046	40	365
Other hogs and pigs	84	6 183	(NA)	(NA)	76	6 145	76	2 326
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	64	1 539	54	570	61	1 533	49	561
Dec. 1 of preceding year and May 31	61	805	43	260	58	(D)	42	(D)
June 1 and Nov. 30	49	734	50	310	48	(D)	45	(D)
Sheep and lambs	266	90 358	324	122 349	225	89 148	221	117 978
Ewes 1 year old or older	259	60 706	(NA)	(NA)	219	59 924	218	84 573
Goats	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Horses and ponies	336	1 193	257	893	281	1 002	196	748
Sales:								
Hogs and pigs	82	9 834	61	3 106	78	9 798	53	2 949
$1,000	(X)	893	(X)	(NA)	(X)	890	(X)	205
Feeder pigs	21	1 272	17	291	21	1 272	15	(D)
$1,000	(X)	41	(X)	(NA)	(X)	41	(X)	4
Sheep and lambs	268	57 916	318	105 334	227	57 122	221	101 637
Sheep and lambs shorn	262	78 773	(NA)	(NA)	221	77 866	218	91 667
Pounds of wool	(X)	784 197	(X)	(NA)	(X)	775 015	(X)	987 412
Sheep, lambs, and wool $1,000	270	4 105	(NA)	(NA)	228	4 052	224	3 441
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	38	96	19	66	30	71	15	55
$1,000	(X)	51	(X)	(NA)	(X)	43	(X)	35
POULTRY								
Inventory:								
Any poultry	81	(X)	87	(X)	67	(X)	54	(X)
Chickens 3 months old or older	51	(D)	65	57 026	38	(D)	33	56 443
Hens and pullets of laying age	51	(D)	65	44 887	38	(D)	33	44 317
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	5	12 016
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Broilers and other meat-type chickens	5	310	11	464	3	(D)	3	64
Turkeys	30	865 526	(NA)	(NA)	29	(D)	21	356 030
Turkeys for slaughter	29	(D)	(NA)	(NA)	28	(D)	20	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	12	(X)	(NA)	(X)	7	(X)	3	(X)
Sales:								
Any poultry	95	(X)	120	(X)	92	(X)	117	(X)
Chickens 3 months old or older	3	(D)	8	(D)	3	(D)	5	(D)
Hens and pullets of laying age	3	(D)	8	(D)	3	(D)	5	(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	87	2 501 818	(NA)	(NA)	86	(D)	110	1 912 765
Turkeys for slaughter	86	(D)	(NA)	(NA)	85	(D)	110	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	1	(X)	(NA)	(X)	1	(X)	2	(X)
Poultry and poultry products $1,000	99	28 356	126	14 146	97	(D)	121	14 145

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	110	3 829	(X)	110	3 829	103	3 771	(X)	103	3 771
	1974	141	3 661	(X)	(NA)	(NA)	134	3 629	(X)	134	3 622
For grain or seed (bushels)	1978	4	265	10 058	4	265	4	265	10 058	4	265
	1974	9	104	6 005	(NA)	(NA)	6	91	5 660	6	91
For silage or green chop (tons, green)	1978	107	3 564	45 639	107	3 564	100	3 506	45 017	100	3 506
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	129	3 538	56 102	129	3 531
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	5	33	(X)	5	33	5	33	(X)	5	33
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	4	(D)	120	4	(D)	4	(D)	120	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	119	3 120	88 866	106	1 382	107	3 033	86 574	94	1 302
	1974	217	4 356	107 333	(NA)	(NA)	170	4 147	101 352	121	1 324
Oats for grain (bushels)	1978	101	1 531	80 442	100	1 519	93	1 492	78 468	92	1 480
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	96	888	42 893	76	781
Barley for grain (bushels)	1978	337	9 148	523 719	326	8 503	304	8 909	514 262	295	8 294
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	294	7 529	346 909	252	5 660
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	430	(X)	22	430
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
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	(D)	(D)	4	(D)	4	(D)	(D)	4	(D)
	1974	10	108	2 476	(NA)	(NA)	5	106	2 232	5	106
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	613	41 586	116 650	580	36 616	506	39 921	113 836	483	35 223
	1974	589	37 377	102 481	(NA)	(NA)	457	34 882	97 875	401	27 601
Alfalfa hay (tons, dry)	1978	560	30 227	94 635	539	27 289	470	28 940	92 179	455	26 131
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	436	25 642	78 837	385	21 319
Other tame dry hay (tons, dry) (see text)	1978	70	2 657	4 961	63	2 201	62	2 596	4 888	56	2 146
Field seed crops	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	40	(X)	2	(D)
Alfalfa seed (pounds)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	40	1 460	2	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	3	5	(X)	3	5	–	–	(X)	–	–
	1974	4	12	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Apples (pounds)	1978	2	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(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	458	194 319	413	199 434	361	180 610	335	189 338
Average size of farm	(X)	424	(X)	483	(X)	500	(X)	565
Approximate land area	(X)	1 234 560	(X)	1 234 560	(X)	1 234 560	(X)	1 234 560
Proportion in farms ... percent	(X)	15.7	(X)	16.2	(X)	14.6	(X)	15.3
Value of land and buildings:[1]								
Average per farm ... dollars	277 847	(X)	128 969	(X)	318 952	(X)	147 737	(X)
Average per acre ... dollars	(X)	602	(X)	267	(X)	595	(X)	261
Land in farms according to use:								
Total cropland	428	50 310	391	41 985	340	(D)	318	(D)
Harvested cropland	401	34 457	380	29 417	322	32 258	314	28 164
By acres harvested:								
1 to 9 acres	29	164	22	(NA)	9	38	7	(NA)
10 to 19 acres	45	625	38	(NA)	20	287	19	(NA)
20 to 29 acres	42	970	37	(NA)	24	561	15	(NA)
30 to 49 acres	85	3 240	75	(NA)	75	2 859	66	(NA)
50 to 99 acres	92	6 487	125	(NA)	89	6 329	125	(NA)
100 to 199 acres	68	9 121	58	(NA)	67	(D)	57	(NA)
200 to 499 acres	33	9 349	22	(NA)	31	(D)	22	(NA)
500 to 999 acres	6	(D)	2	(NA)	6	(D)	2	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	188	11 637	182	10 378	156	10 590	157	(D)
Other cropland	124	4 216	59	2 190	106	(D)	58	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	18	162	(NA)	(NA)	14	(D)	5	374
Cropland on which all crops failed	21	373	(NA)	(NA)	17	337	10	(D)
Cropland in cultivated summer fallow	32	1 046	(NA)	(NA)	32	1 046	21	839
Cropland idle	88	2 635	(NA)	(NA)	75	2 382	31	777
Total woodland	15	2 044	5	1 931	14	(D)	3	(D)
Woodland pastured	11	1 930	(NA)	(NA)	11	1 930	2	(D)
Woodland not pastured	7	114	(NA)	(NA)	6	(D)	1	(D)
Other land	290	141 965	240	155 518	231	131 809	203	148 276
Pastureland and rangeland, other than cropland and woodland pastured	142	132 902	(NA)	(NA)	125	123 518	101	140 524
Land in house lots, ponds, roads, wasteland, etc	223	9 063	(NA)	(NA)	170	8 291	167	7 752
Pastureland, all types	279	146 469	(NA)	(NA)	234	136 038	(NA)	(D)
Irrigated land	412	46 682	347	35 293	328	43 935	298	34 000
Harvested cropland irrigated	394	33 740	(NA)	(NA)	316	31 582	297	26 334
Pastureland irrigated	159	12 494	(NA)	(NA)	134	11 987	(NA)	7 571
Other land irrigated	19	448	(NA)	(NA)	16	366	4	95
Land set aside in the federal farm programs in 1978	56	517	(X)	(X)	53	499	(X)	(X)

[1] 1978 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]	458	28 080	413	12 910	361	27 747	335	12 768
Average per farm ... dollars	(X)	61 309	(X)	31 259	(X)	76 862	(X)	38 113
Farms by value of agricultural products sold:[1]								
$100,000 or more	36	20 803	20	(NA)	36	20 803	20	(NA)
$40,000 to $99,999	59	3 647	34	(NA)	59	3 647	34	(NA)
$20,000 to $39,999	48	1 375	55	(NA)	48	1 375	55	(NA)
$10,000 to $19,999	81	1 141	83	(NA)	81	1 141	83	(NA)
$5,000 to $9,999	80	579	98	(NA)	80	579	98	(NA)
$2,500 to $4,999	57	203	44	(NA)	57	203	44	(NA)
Less than $2,500 (see text)	92	125	74	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	22	47	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	17	30	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	30	37	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	23	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	207	5	(NA)	(X)	(X)	(X)	(X)
Crops	228	2 259	270	2 118	181	2 187	(NA)	2 043
Grains	143	667	(NA)	(NA)	122	644	180	814
Commodity Credit Corporation loans	13	22	(NA)	(NA)	11	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	170	1 524	(NA)	(NA)	135	1 478	167	1 116
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	–	–	1	(D)	–	–
Other crops	3	(D)	(NA)	(NA)	3	(D)	6	114
Livestock, poultry, and their products	353	25 820	309	10 792	297	25 560	264	10 725
Poultry and poultry products	11	2 282	7	1 973	7	2 280	7	1 973
Dairy products	38	2 787	(NA)	(NA)	36	(D)	34	1 044
Cattle and calves	276	19 140	(NA)	(NA)	239	19 068	234	6 845
Hogs and pigs	48	314	(NA)	(NA)	39	310	24	72
Sheep, lambs, and wool	107	1 106	(NA)	(NA)	94	1 093	84	762
Other livestock and livestock products (see text)	37	192	(NA)	(NA)	28	(D)	13	30

[1] 1974 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	458	413	194 319	401	172 801	34 457	412	178 592	34 195	46 682
Farms with—										
1 to 9 acres	16	12	80	7	49	43	8	51	43	45
10 to 49 acres	118	94	3 433	100	2 989	2 113	103	3 082	2 001	2 439
50 to 69 acres	40	32	2 315	36	2 080	1 444	37	2 139	1 444	1 677
70 to 99 acres	55	62	4 564	50	4 162	2 413	51	4 232	2 363	2 840
100 to 139 acres	53	59	6 321	49	5 826	3 807	49	5 826	3 807	4 469
140 to 179 acres	30	29	4 697	28	4 389	2 536	30	4 697	2 536	3 055
180 to 219 acres	26	35	5 267	26	5 267	2 518	26	5 267	2 518	3 601
220 to 259 acres	20	14	4 768	20	4 768	2 351	20	4 768	2 351	2 601
260 to 499 acres	48	41	17 604	46	17 019	7 678	46	17 019	7 678	9 681
500 to 999 acres	25	9	16 908	18	12 290	3 095	18	12 339	2 995	3 627
1,000 to 1,999 acres	11	13	16 740	7	10 530	2 271	10	15 740	2 271	3 281
2,000 acres or more	16	13	111 622	14	103 432	4 188	14	103 432	4 188	9 366

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	458	194 319	413	199 434	361	180 610	335	189 338
Harvested cropland	401	34 457	380	29 417	322	32 258	314	28 164
Tenure of operator:								
Full owners	263	52 145	238	39 951	195	49 097	176	36 708
Harvested cropland	224	11 921	(NA)	11 698	167	10 659	(NA)	10 620
Part owners	149	131 850	136	154 465	131	122 718	124	149 073
Harvested cropland	140	19 570	(NA)	15 906	126	18 813	(NA)	15 750
Tenants	46	10 324	39	5 018	35	8 795	35	3 557
Harvested cropland	37	2 966	(NA)	1 813	29	2 786	(NA)	1 794
Type of organization:								
Individual or family	386	116 446	(NA)	(NA)	304	110 118	300	101 778
Partnership	45	56 198	(NA)	(NA)	36	55 568	25	78 860
Corporation	21	14 924	(NA)	(NA)	21	14 924	10	8 700
Other—cooperative, estate or trust, institutional, etc.	6	6 751	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	252	257	228	241
Other	206	141	133	84
Operators by age group:				
Under 25 years	10	14	8	14
25 to 34 years	34	18	24	18
35 to 44 years	86	57	70	35
45 to 54 years	118	95	101	74
55 to 64 years	139	114	110	99
65 years and over	71	100	48	85
Average age	51.9	54.1	51.6	54.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	216	107	174	88
Not on farm operated	184	190	140	166
Not reported	58	101	47	71
Operators reporting days of work off farm:				
None	156	121	134	109
1 to 49 days	43	28	38	24
50 to 99 days	10	34	8	33
100 to 149 days	9	5	7	5
150 to 199 days	28	15	21	13
200 days or more	183	116	127	67

[1]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	222	9 638	198	3 340	189	9 622	176	3 319
Feed for livestock and poultry	287	7 493	244	3 926	247	7 437	218	3 906
Commercially mixed formula feeds	115	3 156	145	2 628	104	3 104	134	2 625
Animal health costs	279	161	(NA)	(NA)	229	156	182	76
Seeds, bulbs, plants, and trees	247	195	254	141	205	179	220	138
Commercial fertilizer	236	348	223	231	204	332	189	227
Other agricultural chemicals including lime	254	174	206	65	219	168	188	64
Hired farm labor	229	1 198	144	584	192	1 128	122	562
Contract labor	13	16	10	19	12	(D)	9	(D)
Customwork, machine hire, and rental of machinery and equipment	276	367	255	217	232	335	222	204
Energy and petroleum products	443	1 017	(NA)	(NA)	346	968	(NA)	(NA)
Petroleum products	442	839	410	486	346	801	333	470
Gasoline	423	473	(NA)	(NA)	332	449	332	327
Diesel fuel	298	209	(NA)	(NA)	256	200	200	97
LP gas, butane, and propane	40	83	(NA)	(NA)	40	83	25	5
Fuel oil	26	15	(NA)	(NA)	17	12		
Natural gas	–	–	(NA)	(NA)	–	–	333	41
Kerosene, motor oil, and grease	442	60	(NA)	(NA)	346	57		
Electricity	202	171	(NA)	(NA)	168	161	(NA)	(NA)
Other—coal, wood, coke, etc.	32	8	(NA)	(NA)	18	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		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	229	18 392	198	17 473	189	11 091
Cropland fertilized, except pasture	228	16 496	197	15 838	(NA)	9 881
Pasture and rangeland fertilized	20	1 896	15	1 635	(NA)	1 210
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	234	12 649	201	12 104	(NA)	11 312
Nematodes in crops	6	450	6	450	–	–
Diseases in crops and orchards	1	(D)	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	123	8 218	115	8 028	(NA)	4 705
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	2	(D)	2	(D)
Insect control on livestock and poultry	124	(X)	116	(X)	31	(X)
Sanitation and rodent and bird control	41	(X)	40	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	455	410	358	332
$1,000	10 384	8 623	9 391	7 603
Average per farm — dollars	22 822	21 032	26 232	22 901
Farms by value group:				
$1 to $4,999	46	48	35	44
$5,000 to $9,999	136	76	71	44
$10,000 to $19,999	69	89	52	62

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	107	111	106	100
$30,000 to $49,999	51	62	49	58
$50,000 to $69,999	23	16	23	16
$70,000 to $99,999	12		12	
$100,000 to $199,999	8	8	7	8
$200,000 or more	3		3	

	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	274	400	123	141	208	259	313	407	236
Motortrucks including pickups	382	757	155	215	302	542	380	684	220
Wheel tractors	366	748	87	94	352	654	378	765	220
Grain and bean combines, self-propelled only	44	46	19	19	26	27	46	47	9
Corn heads for combines	7	7	1	(D)	6	(D)	20	20	2
Other cornpickers and picker-shellers	3	4	1	(D)	2	(D)	6	6	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	137	138	49	49	89	89	68	68	16
Pickup balers	239	254	72	72	169	182	258	263	89
Field forage harvesters, shear bar or flywheel type	54	56	22	22	33	34	83	88	28

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	229	78	(X)	209	(X)	192	122
Workers	830	(X)	159	(X)	671	755	545
Farms with—							
1 worker	81	49	49	72	72	67	44
2 workers	48	11	22	46	92	34	16
3 or 4 workers	61	9	31	61	202	53	22
5 to 9 workers	18	9	57	15	82	17	24
10 workers or more	21	–	–	15	223	21	16

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	372	(X)	311	(X)	303	(X)	265	(X)
Any cattle, hogs, or sheep	343	(X)	302	(X)	288	(X)	259	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	353	25 820	309	10 792	297	25 560	264	10 725
Any cattle, hogs, or sheep ... $1,000	340	20 559	303	(NA)	290	20 471	258	7 679
CATTLE AND CALVES								
Inventory:								
Cattle and calves	288	47 236	265	36 625	241	46 349	234	35 873
Cows and heifers that had calved	243	16 463	223	12 390	202	15 931	199	11 995
Beef cows	203	13 932	170	10 966	170	13 543	148	10 576
Milk cows	73	2 531	78	1 424	59	2 388	73	1 419
Heifers and heifer calves	237	11 040	(NA)	(NA)	207	10 827	183	8 412
Steers, steer calves, bulls and bull calves	243	19 733	(NA)	(NA)	211	19 591	201	15 466
Sales:								
Cattle and calves	276	42 269	266	23 431	239	41 970	234	23 124
$1,000	(X)	19 140	(X)	(NA)	(X)	19 068	(X)	6 845
Calves	140	3 624	(NA)	(NA)	118	3 414	77	4 121
$1,000	(X)	852	(X)	(NA)	(X)	813	(X)	518
Cattle	230	38 645	(NA)	(NA)	204	38 556	218	19 003
$1,000	(X)	18 288	(X)	(NA)	(X)	18 255	(X)	6 327
Fattened cattle	62	26 239	(NA)	(NA)	58	26 230	66	11 578
$1,000	(X)	13 509	(X)	(NA)	(X)	13 506	(X)	4 311
Dairy products ... $1,000	38	2 787	(NA)	(NA)	36	(D)	34	1 044
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	55	3 788	43	925	44	3 739	37	875
Used or to be used for breeding	34	319	(NA)	(NA)	29	312	20	155
Other hogs and pigs	51	3 469	(NA)	(NA)	40	3 427	37	720
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	37	491	24	223	31	480	22	(D)
Dec. 1 of preceding year and May 31	29	233	22	101	23	(D)	20	(D)
June 1 and Nov. 30	28	258	18	122	26	(D)	18	122
Sheep and lambs	110	21 569	96	30 068	95	21 261	84	29 415
Ewes 1 year old or older	108	16 069	(NA)	(NA)	94	15 856	80	15 558
Goats	2	(D)	(NA)	(NA)	–	–	1	(D)
Horses and ponies	184	615	76	303	148	461	58	251
Sales:								
Hogs and pigs	48	3 704	32	1 459	39	3 645	24	1 394
$1,000	(X)	314	(X)	(NA)	(X)	310	(X)	72
Feeder pigs	16	413	15	554	11	375	15	554
$1,000	(X)	10	(X)	(NA)	(X)	9	(X)	12
Sheep and lambs	106	17 273	95	20 373	93	17 068	84	19 735
Sheep and lambs shorn	105	18 005	(NA)	(NA)	93	17 773	83	16 885
Pounds of wool	(X)	183 177	(X)	(NA)	(X)	180 614	(X)	173 402
Sheep, lambs, and wool ... $1,000	107	1 106	(NA)	(NA)	94	1 093	84	762
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	32	80	15	105	24	52	12	96
$1,000	(X)	60	(X)	(NA)	(X)	50	(X)	26
POULTRY								
Inventory:								
Any poultry	44	(X)	21	(X)	27	(X)	18	(X)
Chickens 3 months old or older	38	648	18	496	23	397	15	(D)
Hens and pullets of laying age	37	613	17	427	22	(D)	15	(D)
Pullets 3 months old or older	3	35	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	8	131	1	(D)	4	36	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	4	14 918
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	3	(D)
Other poultry	8	(X)	(NA)	(X)	6	(X)	2	(X)
Sales:								
Any poultry	8	(X)	6	(X)	7	(X)	6	(X)
Chickens 3 months old or older	–	–	2	(D)	–	–	2	(D)
Hens and pullets of laying age	–	–	2	(D)	–	–	2	(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	2	(D)	–	–	2	(D)	–	–
Turkeys	4	284 600	(NA)	(NA)	4	284 600	4	274 900
Turkeys for slaughter	4	280 000	(NA)	(NA)	4	280 000	4	(D)
Turkey hens kept for breeding	3	4 600	(NA)	(NA)	3	4 600	2	(D)
Other poultry	1	(X)	(NA)	(X)	–	(X)	1	(X)
Poultry and poultry products ... $1,000	11	2 282	7	1 973	7	2 280	7	1 973

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	166	4 976	(X)	166	4 976	150	4 740	(X)	150	4 740
	1974	158	3 962	(X)	(NA)	(NA)	152	3 912	(X)	152	3 842
For grain or seed (bushels)	1978	18	285	21 672	18	285	17	(D)	(D)	17	(D)
	1974	26	489	39 761	(NA)	(NA)	25	(D)	(D)	25	(D)
For silage or green chop (tons, green)	1978	154	4 691	74 413	154	4 691	139	(D)	71 465	139	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	135	3 404	57 370	135	3 334
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sorghums for all purposes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	22	389	15 909	21	289	19	374	15 379	18	274
	1974	92	1 138	51 499	(NA)	(NA)	90	(D)	(D)	82	690
Oats for grain (bushels)	1978	34	332	18 791	34	332	28	290	17 046	28	290
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	50	438	30 971	45	394
Barley for grain (bushels)	1978	241	7 014	493 906	232	6 849	209	6 553	474 960	202	6 429
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	206	5 361	373 319	197	5 228
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	116	1 200	4	76
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	228	(X)	10	178
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	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
	1974	3	7	1 120	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	375	22 229	84 049	365	21 778	309	20 760	79 663	299	20 309
	1974	350	17 916	66 094	(NA)	(NA)	287	16 849	63 494	265	15 821
Alfalfa hay (tons, dry)	1978	357	19 092	76 429	349	18 712	297	17 894	72 531	289	17 514
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	278	14 993	58 037	255	14 104
Other tame dry hay (tons, dry) (see text)	1978	11	272	702	10	252	6	206	638	5	186
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
All vegetables harvested for sale (see text)	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
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	352	315 532	304	342 139	265	267 308	221	298 958
Average size of farm	(X)	896	(X)	1 125	(X)	1 009	(X)	1 353
Approximate land area	(X)	1 183 360	(X)	1 183 360	(X)	1 183 360	(X)	1 183 360
Proportion in farms ... percent	(X)	26.7	(X)	28.9	(X)	22.6	(X)	25.3
Value of land and buildings:[1]								
Average per farm ... dollars	423 815	(X)	227 000	(X)	507 451	(X)	282 208	(X)
Average per acre ... dollars	(X)	429	(X)	202	(X)	458	(X)	209
Land in farms according to use:								
Total cropland	313	36 425	262	30 219	238	32 071	198	26 908
Harvested cropland	283	20 276	243	18 511	218	18 424	188	17 185
By acres harvested:								
1 to 9 acres	17	96	10	(NA)	11	61	5	(NA)
10 to 19 acres	45	601	34	(NA)	19	251	11	(NA)
20 to 29 acres	44	1 031	15	(NA)	30	717	9	(NA)
30 to 49 acres	51	1 863	68	(NA)	41	1 503	49	(NA)
50 to 99 acres	67	4 750	48	(NA)	62	4 430	46	(NA)
100 to 199 acres	41	5 483	41	(NA)	37	5 010	41	(NA)
200 to 499 acres	15	4 020	27	(NA)	15	4 020	27	(NA)
500 to 999 acres	2	(D)	–	(NA)	2	(D)	–	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	186	14 196	153	11 122	148	11 991	113	9 162
Other cropland	36	1 953	23	586	28	1 656	19	561
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	5	40	(NA)	(NA)	3	(D)	7	(D)
Cropland on which all crops failed	10	251	(NA)	(NA)	9	(D)	1	(D)
Cropland in cultivated summer fallow	10	224	(NA)	(NA)	9	(D)	10	370
Cropland idle	19	1 438	(NA)	(NA)	14	1 164	3	139
Total woodland	23	7 224	16	22 964	17	6 589	13	22 785
Woodland pastured	17	6 004	(NA)	(NA)	14	(D)	11	22 484
Woodland not pastured	7	1 220	(NA)	(NA)	4	(D)	3	301
Other land	249	271 883	225	288 956	196	228 648	174	249 265
Pastureland and rangeland, other than cropland and woodland pastured	154	269 463	(NA)	(NA)	124	226 691	137	244 735
Land in house lots, ponds, roads, wasteland, etc	168	2 420	(NA)	(NA)	132	1 957	107	4 530
Pastureland, all types	292	289 663	(NA)	(NA)	224	244 352	(NA)	276 381
Irrigated land	303	28 588	237	20 307	230	26 290	186	18 668
Harvested cropland irrigated	271	18 347	(NA)	(NA)	208	16 759	170	13 533
Pastureland irrigated	169	10 184	(NA)	(NA)	142	(D)	(NA)	5 126
Other land irrigated	5	57	(NA)	(NA)	4	(D)	3	9
Land set aside in the federal farm programs in 1978	12	132	(X)	(X)	12	132	(X)	(X)

[1]1978 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]	352	10 671	304	7 046	265	10 576	221	6 947
Average per farm ... dollars	(X)	30 316	(X)	23 178	(X)	39 908	(X)	31 434
Farms by value of agricultural products sold:[1]								
$100,000 or more	22	5 287	15	(NA)	22	5 287	15	(NA)
$40,000 to $99,999	46	2 862	31	(NA)	46	2 862	31	(NA)
$20,000 to $39,999	37	1 087	46	(NA)	37	1 087	46	(NA)
$10,000 to $19,999	49	730	41	(NA)	49	730	41	(NA)
$5,000 to $9,999	58	414	49	(NA)	58	414	49	(NA)
$2,500 to $4,999	53	196	33	(NA)	53	196	33	(NA)
Less than $2,500 (see text)	83	96	85	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	15	32	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	28	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	31	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	–	4	(NA)	(X)	(X)	(X)	(X)
Crops	107	477	89	(D)	79	444	(NA)	(D)
Grains	32	43	(NA)	(NA)	28	42	18	(D)
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	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	85	402	(NA)	(NA)	60	373	46	209
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	2	(D)	1	(D)	2	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	298	10 195	274	6 574	247	10 131	211	(D)
Poultry and poultry products	5	(D)	5	162	3	(D)	3	(D)
Dairy products	51	3 391	(NA)	(NA)	51	3 391	53	2 931
Cattle and calves	224	2 971	(NA)	(NA)	196	2 941	181	1 672
Hogs and pigs	24	(D)	(NA)	(NA)	17	(D)	19	33
Sheep, lambs, and wool	99	2 134	(NA)	(NA)	78	2 112	75	1 068
Other livestock and livestock products (see text)	61	1 653	(NA)	(NA)	51	1 645	36	641

[1]1974 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	352	304	315 532	283	211 782	20 276	303	223 976	19 896	28 588
Farms with—										
1 to 9 acres	33	23	111	3	10	6	13	53	(D)	36
10 to 49 acres	77	52	2 073	69	1 902	1 237	74	1 979	(D)	1 537
50 to 69 acres	21	16	1 203	17	965	462	19	1 091	447	744
70 to 99 acres	26	22	2 122	20	1 656	1 037	25	2 043	1 008	1 663
100 to 139 acres	25	17	2 847	25	2 847	1 352	24	2 739	1 322	1 803
140 to 179 acres	18	19	2 734	16	2 434	1 027	17	2 574	1 027	1 568
180 to 219 acres	15	16	2 975	15	2 975	1 132	14	2 767	1 089	1 434
220 to 259 acres	7	14	1 728	6	1 478	457	6	1 503	447	999
260 to 499 acres	51	42	18 326	46	16 346	5 110	43	15 370	4 994	7 892
500 to 999 acres	33	24	23 609	33	23 609	2 782	33	23 609	2 782	4 125
1,000 to 1,999 acres	15	16	22 423	14	21 423	1 140	14	21 111	1 040	1 171
2,000 acres or more	31	43	235 381	19	136 137	4 534	21	149 137	4 534	5 616

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	352	315 532	304	342 139	265	267 308	221	298 958
Harvested cropland	283	20 276	243	18 511	218	18 424	188	17 185
Tenure of operator:								
Full owners	214	174 538	206	136 749	152	149 054	138	121 443
Harvested cropland	164	10 571	(NA)	10 202	119	9 397	(NA)	9 016
Part owners	104	123 167	78	176 220	87	100 987	69	149 615
Harvested cropland	91	8 136	(NA)	7 623	78	7 690	(NA)	7 533
Tenants	34	17 827	20	29 170	26	17 267	14	27 900
Harvested cropland	28	1 569	(NA)	686	21	1 337	(NA)	636
Type of organization:								
Individual or family	294	183 265	(NA)	(NA)	216	172 779	183	204 587
Partnership	36	23 206	(NA)	(NA)	33	23 015	23	34 960
Corporation	16	71 514	(NA)	(NA)	16	71 514	15	59 411
Other—cooperative, estate or trust, institutional, etc.	6	37 547	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	146	131	133	111
Other	206	154	132	95
Operators by age group:				
Under 25 years	8	13	5	3
25 to 34 years	16	20	10	15
35 to 44 years	84	51	64	44
45 to 54 years	96	78	74	52
55 to 64 years	78	59	56	43
65 years and over	70	64	56	49
Average age	52.1	52.5	52.6	53.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	241	168	191	124
Not on farm operated	82	53	54	41
Not reported	29	64	20	41
Operators reporting days of work off farm:				
None	108	79	101	69
1 to 49 days	22	11	13	8
50 to 99 days	9	16	6	10
100 to 149 days	17	12	10	10
150 to 199 days	19	10	17	8
200 days or more	170	114	111	67

[1]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	179	1 142	141	830	142	1 096	104	815
Feed for livestock and poultry	281	2 263	242	2 095	226	2 215	193	2 066
Commercially mixed formula feeds	90	745	182	1 104	82	719	145	1 090
Animal health costs	226	89	(NA)	(NA)	199	86	154	78
Seeds, bulbs, plants, and trees	83	37	74	22	74	36	57	20
Commercial fertilizer	105	71	96	54	68	62	81	51
Other agricultural chemicals including lime	78	32	35	4	64	29	28	4
Hired farm labor	191	867	120	659	157	837	102	652
Contract labor	53	64	16	22	44	60	13	20
Customwork, machine hire, and rental of machinery and equipment	127	53	114	72	114	50	89	65
Energy and petroleum products	350	436	(NA)	(NA)	263	410	(NA)	(NA)
Petroleum products	350	338	300	339	263	317	221	323
Gasoline	342	219	(NA)	(NA)	260	204	219	240
Diesel fuel	136	64	(NA)	(NA)	122	62	113	43
LP gas, butane, and propane	20	6	(NA)	(NA)	20	6	22	12
Fuel oil	32	7	(NA)	(NA)	16	5		
Natural gas	29	15	(NA)	(NA)	29	15	221	28
Kerosene, motor oil, and grease	350	27	(NA)	(NA)	263	25		
Electricity	170	90	(NA)	(NA)	145	86	(NA)	(NA)
Other—coal, wood, coke, etc.	26	9	(NA)	(NA)	18	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	105	4 602	68	4 063	81	3 106
Cropland fertilized, except pasture	95	4 096	62	3 613	(NA)	2 446
Pasture and rangeland fertilized	23	506	15	450	(NA)	660
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	21	1 376	16	1 362	(NA)	132
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	59	2 280	49	1 817	(NA)	230
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	12	6	12	–	–
Insect control on livestock and poultry	34	(X)	29	(X)	10	(X)
Sanitation and rodent and bird control	19	(X)	18	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	350	300	263	221
$1,000	7 940	5 796	7 207	4 993
Average per farm — dollars	22 686	19 320	27 404	22 593
Farms by value group:				
$1 to $4,999	15	39	13	21
$5,000 to $9,999	109	70	48	35
$10,000 to $19,999	65	75	53	55
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	60	41	48	40
$30,000 to $49,999	68	64	68	59
$50,000 to $69,999	22	6	22	6
$70,000 to $99,999	3		3	
$100,000 to $199,999	7	5	7	5
$200,000 or more	1		1	

	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	249	365	149	161	152	204	234	352	208
Motortrucks including pickups	325	578	173	204	264	374	262	458	156
Wheel tractors	274	541	86	105	269	436	248	474	136
Grain and bean combines, self-propelled only	15	15	–	–	15	15	8	8	4
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	2	(D)	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	131	140	52	53	87	87	79	88	25
Pickup balers	208	224	39	39	174	185	175	184	47
Field forage harvesters, shear bar or flywheel type	5	5	1	(D)	4	(D)	5	5	–

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	191	53	(X)	171	(X)	157	102
Workers	832	(X)	140	(X)	692	663	667
Forms with—							
1 worker	49	11	11	49	49	40	25
2 workers	46	21	42	41	82	38	19
3 or 4 workers	38	17	61	31	99	33	24
5 to 9 workers	35	4	26	31	190	27	19
10 workers or more	23	–	–	19	272	19	15

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	315	(X)	269	(X)	246	(X)	204	(X)
Any cattle, hogs, or sheep	272	(X)	256	(X)	219	(X)	195	(X)
Sales:								
Any livestock or poultry and their products $1,000	298	10 195	274	6 574	247	10 131	211	(D)
Any cattle, hogs, or sheep $1,000	268	(D)	255	(NA)	225	(D)	200	2 773
CATTLE AND CALVES								
Inventory:								
Cattle and calves	235	16 795	231	19 851	193	16 367	181	18 824
Cows and heifers that had calved	200	8 691	205	11 555	163	8 487	163	11 058
Beef cows	169	5 931	168	8 342	137	5 734	128	7 854
Milk cows	68	2 760	77	3 213	62	2 753	69	3 204
Heifers and heifer calves	170	4 101	(NA)	(NA)	149	4 018	136	4 396
Steers, steer calves, bulls and bull calves	196	4 003	(NA)	(NA)	165	3 862	145	3 370
Sales:								
Cattle and calves	224	8 816	225	9 972	196	8 709	181	9 706
$1,000	(X)	2 971	(X)	(NA)	(X)	2 941	(X)	1 672
Calves	110	3 055	(NA)	(NA)	103	3 024	105	3 700
$1,000	(X)	724	(X)	(NA)	(X)	718	(X)	413
Cattle	186	5 761	(NA)	(NA)	162	5 685	157	6 006
$1,000	(X)	2 246	(X)	(NA)	(X)	2 223	(X)	1 258
Fattened cattle	24	173	(NA)	(NA)	14	151	16	438
$1,000	(X)	95	(X)	(NA)	(X)	86	(X)	95
Dairy products $1,000	51	3 391	(NA)	(NA)	51	3 391	53	2 931
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	43	1 303	31	273	32	1 220	23	240
Used or to be used for breeding	24	290	(NA)	(NA)	17	264	18	63
Other hogs and pigs	36	1 013	(NA)	(NA)	27	956	16	177
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	248	20	88	17	235	19	(D)
Dec. 1 of preceding year and May 31	20	134	16	39	17	130	15	(D)
June 1 and Nov. 30	18	114	13	49	11	105	13	49
Sheep and lambs	103	35 059	104	56 216	79	34 373	74	55 191
Ewes 1 year old or older	96	28 355	(NA)	(NA)	74	27 942	71	35 413
Goats	5	14	(NA)	(NA)	3	(D)	–	–
Horses and ponies	197	1 127	122	693	151	873	93	562
Sales:								
Hogs and pigs	24	503	22	728	17	437	19	681
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	33
Feeder pigs	8	99	8	316	5	75	7	(D)
$1,000	(X)	3	(X)	(NA)	(X)	3	(X)	9
Sheep and lambs	96	42 186	98	36 357	77	41 822	74	35 715
Sheep and lambs shorn	95	39 578	(NA)	(NA)	74	39 131	59	39 615
Pounds of wool	(X)	344 970	(X)	(NA)	(X)	340 561	(X)	434 288
Sheep, lambs, and wool $1,000	99	2 134	(NA)	(NA)	78	2 112	75	1 068
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	26	103	19	56	21	96	14	50
$1,000	(X)	94	(X)	(NA)	(X)	91	(X)	25
POULTRY								
Inventory:								
Any poultry	29	(X)	24	(X)	20	(X)	17	(X)
Chickens 3 months old or older	25	462	23	23 945	17	320	17	23 798
Hens and pullets of laying age	25	(D)	23	22 511	17	320	17	22 374
Pullets 3 months old or older	1	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	2	(D)	1	(D)	1	(D)	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	4	(X)	1	(X)
Sales:								
Any poultry	2	(X)	2	(X)	1	(X)	2	(X)
Chickens 3 months old or older	1	(D)	2	(D)	1	(D)	2	(D)
Hens and pullets of laying age	1	(D)	2	(D)	1	(D)	2	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	5	(D)	5	162	3	(D)	3	(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	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	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	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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)	(D)	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	13	294	8 761	4	44	12	(D)	(D)	3	(D)
	1974	18	506	10 942	(NA)	(NA)	16	(D)	(D)	7	61
Oats for grain (bushels)	1978	23	196	9 389	21	188	18	176	8 616	16	168
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	157	6 793	13	140
Barley for grain (bushels)	1978	65	1 101	50 901	55	821	57	1 056	49 487	48	780
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	56	790	36 776	42	520
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	1	370	4	1	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	272	19 056	40 485	263	17 581	208	17 248	37 717	202	16 045
	1974	240	16 829	37 666	(NA)	(NA)	187	15 608	34 931	169	12 670
Alfalfa hay (tons, dry)	1978	205	11 266	26 012	197	10 164	161	10 323	24 147	154	9 413
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	129	7 937	19 608	118	6 705
Other tame dry hay (tons, dry) (see text)	1978	60	2 867	5 760	57	2 759	53	2 733	5 639	52	2 695
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	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	3	(D)	(X)	3	(D)	2	(D)	(X)	2	(D)
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(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	263	495 494	229	429 516	175	454 582	127	375 437
Average size of farm	(X)	1 884	(X)	1 876	(X)	2 598	(X)	2 956
Approximate land area	(X)	4 430 720	(X)	4 430 720	(X)	4 430 720	(X)	4 430 720
Proportion in farms ... percent	(X)	11.2	(X)	9.7	(X)	10.3	(X)	8.5
Value of land and buildings:[1]								
Average per farm ... dollars	328 990	(X)	224 192	(X)	423 894	(X)	323 787	(X)
Average per acre ... dollars	(X)	171	(X)	120	(X)	170	(X)	110
Land in farms according to use:								
Total cropland	236	(D)	212	38 651	162	(D)	114	32 057
Harvested cropland	218	17 723	202	18 119	154	16 395	113	16 113
By acres harvested:								
1 to 9 acres	26	139	13	(NA)	8	33	3	(NA)
10 to 19 acres	39	535	49	(NA)	20	297	6	(NA)
20 to 29 acres	36	852	27	(NA)	21	503	8	(NA)
30 to 49 acres	32	1 172	26	(NA)	24	874	14	(NA)
50 to 99 acres	43	3 027	43	(NA)	40	2 790	39	(NA)
100 to 199 acres	18	2 182	21	(NA)	17	(D)	20	(NA)
200 to 499 acres	19	5 456	17	(NA)	19	5 456	17	(NA)
500 to 999 acres	3	(D)	5	(NA)	3	(D)	5	(NA)
1,000 acres or more	2	(D)	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	104	17 063	96	14 056	75	15 801	50	10 572
Other cropland	60	(D)	65	6 476	39	(D)	35	5 372
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	13	(D)	(NA)	(NA)	6	(D)	5	413
Cropland on which all crops failed	18	989	(NA)	(NA)	13	890	14	942
Cropland in cultivated summer fallow	22	5 012	(NA)	(NA)	18	4 979	15	3 312
Cropland idle	32	6 113	(NA)	(NA)	20	5 438	14	705
Total woodland	5	(D)	9	11 712	5	(D)	6	8 607
Woodland pastured	4	446	(NA)	(NA)	4	446	5	(D)
Woodland not pastured	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other land	184	442 219	164	379 153	142	404 839	99	334 773
Pastureland and rangeland, other than cropland and woodland pastured	108	434 622	(NA)	(NA)	91	397 905	81	331 477
Land in house lots, ponds, roads, wasteland, etc	137	7 597	(NA)	(NA)	100	6 934	67	3 296
Pastureland, all types	174	452 131	(NA)	(NA)	131	414 152	(NA)	(D)
Irrigated land	203	18 110	165	15 001	146	17 110	96	13 412
Harvested cropland irrigated	192	12 564	(NA)	(NA)	138	11 683	93	11 792
Pastureland irrigated	53	5 428	(NA)	(NA)	39	(D)	(NA)	988
Other land irrigated	10	118	(NA)	(NA)	8	(D)	8	632
Land set aside in the federal farm programs in 1978	11	430	(X)	(X)	10	(D)	(X)	(X)

[1] 1978 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]	263	7 327	229	3 609	175	7 215	127	3 478
Average per farm ... dollars	(X)	27 858	(X)	15 760	(X)	41 230	(X)	27 386
Farms by value of agricultural products sold:[1]								
$100,000 or more	13	4 924	4	(NA)	13	4 924	4	(NA)
$40,000 to $99,999	11	720	17	(NA)	11	720	17	(NA)
$20,000 to $39,999	21	548	12	(NA)	21	548	12	(NA)
$10,000 to $19,999	40	546	26	(NA)	40	546	26	(NA)
$5,000 to $9,999	43	318	26	(NA)	43	318	26	(NA)
$2,500 to $4,999	47	160	37	(NA)	47	160	37	(NA)
Less than $2,500 (see text)	84	105	101	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	14	31	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	24	42	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	21	25	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	25	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	6	6	(NA)	(X)	(X)	(X)	(X)
Crops	107	582	121	732	81	549	(NA)	678
Grains	51	215	(NA)	(NA)	42	203	50	371
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	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	73	345	(NA)	(NA)	54	325	32	299
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	2	(D)	–	–
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	1	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	216	6 745	180	2 876	154	6 666	112	2 800
Poultry and poultry products	13	(D)	12	54	10	(D)	8	54
Dairy products	4	(D)	(NA)	(NA)	4	(D)	5	67
Cattle and calves	175	3 317	(NA)	(NA)	132	3 255	93	1 170
Hogs and pigs	36	58	(NA)	(NA)	27	55	20	417
Sheep, lambs, and wool	56	1 815	(NA)	(NA)	35	1 805	34	931
Other livestock and livestock products (see text)	30	387	(NA)	(NA)	23	382	14	162

[1] 1974 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	263	229	495 494	218	447 839	17 723	203	397 606	14 872	18 110
Forms with—										
1 to 9 acres	25	14	82	9	44	37	12	51	37	44
10 to 49 acres	67	59	1 753	56	1 437	909	52	1 356	791	901
50 to 69 acres	14	11	838	13	786	466	12	726	426	433
70 to 99 acres	19	14	1 568	17	1 405	654	16	1 332	549	587
100 to 139 acres	13	5	1 501	12	1 374	472	12	1 374	472	593
140 to 179 acres	15	6	2 395	10	1 585	408	10	1 605	303	475
180 to 219 acres	7	12	1 350	6	1 167	293	6	1 167	293	237
220 to 259 acres	8	4	1 907	8	1 907	548	7	1 668	518	284
260 to 499 acres	22	26	7 804	20	7 159	2 257	21	7 484	2 257	2 268
500 to 999 acres	21	30	15 457	20	14 497	2 097	16	11 256	902	1 492
1,000 to 1,999 acres	22	17	31 214	21	30 184	3 931	19	26 366	3 521	4 053
2,000 acres or more	30	31	429 625	26	386 294	5 651	20	343 221	4 803	6 743

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

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Land in forms	263	495 494	229	429 516	175	454 582	127	375 437
Harvested cropland	218	17 723	202	18 119	154	16 395	113	16 113
Tenure of operator:								
Full owners	171	105 923	154	88 550	103	88 203	80	63 329
Harvested cropland	137	8 176	(NA)	8 473	88	7 239	(NA)	7 092
Part owners	77	361 493	63	318 119	64	360 403	43	311 576
Harvested cropland	72	8 833	(NA)	9 350	61	8 589	(NA)	8 821
Tenants	15	28 078	12	22 847	8	5 976	4	532
Harvested cropland	9	714	(NA)	296	5	567	(NA)	200
Type of organization:								
Individual or family	212	137 509	(NA)	(NA)	137	131 743	107	128 047
Partnership	32	132 113	(NA)	(NA)	25	131 625	15	36 405
Corporation	11	171 070	(NA)	(NA)	9	(D)	5	210 985
Other—cooperative, estate or trust, institutional, etc.	8	54 802	(NA)	(NA)	4	(D)	–	–

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	103	88	88	70
Other	160	130	87	52
Operators by age group:				
Under 25 years	2	1	–	–
25 to 34 years	16	4	10	2
35 to 44 years	51	34	26	18
45 to 54 years	87	60	60	39
55 to 64 years	57	77	41	35
65 years and over	50	42	38	28
Average age	52.5	54.8	54.1	55.3

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	171	120	116	77
Not on farm operated	67	50	41	26
Not reported	25	48	18	19
Operators reporting days of work off farm:				
None	69	51	53	39
1 to 49 days	20	20	16	15
50 to 99 days	8	7	6	2
100 to 149 days	9	6	8	5
150 to 199 days	22	17	16	11
200 days or more	128	98	69	35

[1]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				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	101	524	103	283	80	490	52	256
Feed for livestock and poultry	186	1 389	167	626	142	1 291	89	590
Commercially mixed formula feeds	23	825	115	183	21	(D)	58	163
Animal health costs	171	49	(NA)	(NA)	136	41	61	20
Seeds, bulbs, plants, and trees	103	37	120	51	80	31	64	47
Commercial fertilizer	91	114	43	61	69	111	33	60
Other agricultural chemicals including lime	93	99	49	9	71	97	31	8
Hired farm labor	177	833	95	273	129	818	61	263
Contract labor	24	52	6	28	19	49	5	(D)
Customwork, machine hire, and rental of machinery and equipment	99	74	68	51	74	66	46	47
Energy and petroleum products	258	727	(NA)	(NA)	180	705	(NA)	(NA)
Petroleum products	258	401	226	236	180	383	127	205
Gasoline	254	243	(NA)	(NA)	179	229	124	126
Diesel fuel	121	103	(NA)	(NA)	108	101	89	52
LP gas, butane, and propane	32	17	(NA)	(NA)	32	17	23	9
Fuel oil	27	6	(NA)	(NA)	21	6		
Natural gas	12	5	(NA)	(NA)	12	5	127	19
Kerosene, motor oil, and grease	258	27	(NA)	(NA)	180	25		
Electricity	156	320	(NA)	(NA)	134	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	22	5	(NA)	(NA)	21	(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	86	4 054	64	3 914	33	2 764
Cropland fertilized, except pasture	81	3 944	64	3 814	(NA)	2 641
Pasture and rangeland fertilized	10	110	5	100	(NA)	123
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	58	7 991	42	7 958	(NA)	947
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	37	3 195	26	3 084	(NA)	563
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	60	(X)	55	(X)	4	(X)
Sanitation and rodent and bird control	22	(X)	22	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	263	224	185	125
$1,000	6 868	4 750	6 217	3 499
Average per farm — dollars	26 116	21 205	33 603	27 992
Forms by value group:				
$1 to $4,999	66	31	22	15
$5,000 to $9,999	52	61	35	27
$10,000 to $19,999	57	59	45	26

	All farms	
	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.		
Estimated market value of all machinery and equipment—Con.		
$20,000 to $29,999	14	25
$30,000 to $49,999	38	30
$50,000 to $69,999	13	3
$70,000 to $99,999	3	15
$100,000 to $199,999	15	
$200,000 or more	5	

	Forms with sales of $2,500 or more	
	1978	1974
$20,000 to $29,999	14	16
$30,000 to $49,999	36	24
$50,000 to $69,999	11	2
$70,000 to $99,999	2	15
$100,000 to $199,999	15	
$200,000 or more	5	

	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	133	226	52	60	100	166	157	215	120
Motortrucks including pickups	237	475	102	132	186	343	198	349	130
Wheel tractors	195	418	46	58	170	360	199	372	82
Grain and bean combines, self-propelled only	39	39	8	8	31	31	29	30	3
Corn heads for combines	–	–	–	–	–	–	1	(D)	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	5	6	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	125	132	19	21	106	111	39	41	11
Pickup balers	137	151	28	36	109	115	79	80	15
Field forage harvesters, shear bar or flywheel type	16	18	1	(D)	16	(D)	11	19	9

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	177	37	(X)	166	(X)	129	61
Workers	638	(X)	102	(X)	536	542	340
Farms with—							
1 worker	50	14	14	49	49	29	21
2 workers	31	10	20	30	60	25	4
3 or 4 workers	59	9	31	60	192	38	13
5 to 9 workers	24	3	(D)	16	85	24	13
10 workers or more	13	1	(D)	11	150	13	10

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	230	(X)	192	(X)	159	(X)	113	(X)
Any cattle, hogs, or sheep	203	(X)	182	(X)	142	(X)	108	(X)
Sales:								
Any livestock or poultry and their products $1,000	216	6 745	180	2 876	154	6 666	112	2 800
Any cattle, hogs, or sheep $1,000	198	5 190	171	(NA)	144	5 115	108	2 518
CATTLE AND CALVES								
Inventory:								
Cattle and calves	184	16 701	167	13 826	131	15 394	98	12 056
Cows and heifers that had calved	167	10 522	144	8 942	121	9 765	90	8 106
Beef cows	151	10 425	134	8 693	116	9 695	87	7 900
Milk cows	56	97	57	249	34	70	29	206
Heifers and heifer calves	146	3 751	(NA)	(NA)	105	3 411	72	1 809
Steers, steer calves, bulls and bull calves	167	2 428	(NA)	(NA)	120	2 218	84	2 141
Sales:								
Cattle and calves	175	9 483	151	7 659	132	9 272	93	7 213
$1,000	(X)	3 317	(X)	(NA)	(X)	3 255	(X)	1 170
Calves	113	6 487	(NA)	(NA)	89	6 394	56	4 009
$1,000	(X)	2 199	(X)	(NA)	(X)	2 179	(X)	471
Cattle	136	2 996	(NA)	(NA)	102	2 878	83	3 204
$1,000	(X)	1 117	(X)	(NA)	(X)	1 076	(X)	699
Fattened cattle	48	731	(NA)	(NA)	34	693	12	104
$1,000	(X)	280	(X)	(NA)	(X)	265	(X)	30
Dairy products $1,000	4	(D)	(NA)	(NA)	4	(D)	5	67
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	50	640	53	2 899	31	572	31	2 781
Used or to be used for breeding	22	86	(NA)	(NA)	15	75	15	76
Other hogs and pigs	45	554	(NA)	(NA)	28	497	27	2 705
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	23	101	33	114	16	92	17	69
Dec. 1 of preceding year and May 31	17	49	27	47	11	43	13	25
June 1 and Nov. 30	18	52	30	67	15	49	16	44
Sheep and lambs	56	35 232	71	29 265	34	34 934	43	28 584
Ewes 1 year old or older	54	27 549	(NA)	(NA)	33	27 373	42	25 866
Goats	3	10	(NA)	(NA)	–	–	–	–
Horses and ponies	156	717	103	507	115	577	59	372
Sales:								
Hogs and pigs	36	866	28	5 195	27	825	20	5 042
$1,000	(X)	58	(X)	(NA)	(X)	55	(X)	417
Feeder pigs	7	149	10	199	7	149	4	82
$1,000	(X)	3	(X)	(NA)	(X)	3	(X)	2
Sheep and lambs	50	29 910	51	25 433	33	29 745	33	25 067
Sheep and lambs shorn	54	27 899	(NA)	(NA)	33	27 663	34	26 977
Pounds of wool	(X)	264 116	(X)	(NA)	(X)	262 270	(X)	287 824
Sheep, lambs, and wool $1,000	56	1 815	(NA)	(NA)	35	1 805	34	931
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	22	66	11	39	16	55	9	(D)
$1,000	(X)	33	(X)	(NA)	(X)	28	(X)	6
POULTRY								
Inventory:								
Any poultry	52	(X)	53	(X)	32	(X)	31	(X)
Chickens 3 months old or older	49	(D)	46	7 743	29	(D)	31	7 339
Hens and pullets of laying age	48	(D)	46	7 483	28	(D)	31	(D)
Pullets 3 months old or older	9	138	(NA)	(NA)	5	114	1	(D)
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	–	–
Broilers and other meat-type chickens	7	264	9	426	3	195	2	(D)
Turkeys	4	69	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	2	(D)
Other poultry	9	(X)	(NA)	(X)	6	(X)	3	(X)
Sales:								
Any poultry	11	(X)	5	(X)	7	(X)	3	(X)
Chickens 3 months old or older	5	(D)	4	(D)	3	(D)	3	(D)
Hens and pullets of laying age	5	(D)	4	(D)	3	(D)	3	(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)	1	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	13	(D)	12	54	10	(D)	8	54

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	18	455	(X)	18	455	17	(D)	(X)	17	(D)
	1974	8	156	(X)	(NA)	(NA)	7	(D)	(X)	7	154
For grain or seed (bushels)	1978	4	117	8 120	4	117	4	117	8 120	4	117
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	14	338	4 268	14	338	13	(D)	(D)	13	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	134	2 117	6	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	23	396	(X)	(NA)	(NA)	8	160	(X)	1	(D)
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	(D)	1 120	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	30	2 715	45 915	16	344	24	2 577	44 432	14	(D)
	1974	58	4 762	109 944	(NA)	(NA)	46	4 545	106 880	26	1 771
Oats for grain (bushels)	1978	23	167	8 480	20	128	17	146	7 150	15	111
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	97	4 150	8	83
Barley for grain (bushels)	1978	85	2 444	110 492	74	1 736	64	2 210	102 676	57	1 559
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	46	1 185	46 089	35	913
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)	1	(D)	(X)	1	(D)
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	3	3	260	3	3	3	3	260	3	3
	1974	6	6	222	(NA)	(NA)	4	(D)	(D)	4	6
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	197	12 177	32 248	174	10 109	141	11 255	30 540	128	9 456
	1974	179	11 524	30 234	(NA)	(NA)	100	9 972	26 016	86	8 858
Alfalfa hay (tons, dry)	1978	180	9 248	24 739	158	7 774	126	8 434	23 262	114	7 176
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	94	7 920	22 950	81	7 009
Other tame dry hay (tons, dry) (see text)	1978	7	781	(D)	6	741	7	781	(D)	6	741
Field seed crops	1978	2	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	3	6	(X)	3	6	2	(D)	(X)	2	(D)
	1974	3	3	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	10	22	(X)	9	20	3	(D)	(X)	2	(D)
	1974	8	27	(X)	(NA)	(NA)	3	10	(X)	2	(D)
Apples (pounds)	1978	6	5	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	6	9	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(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	525	1 400 060	413	1 407 879	364	403 524	299	398 214
Average size of farm	(X)	2 667	(X)	3 409	(X)	1 109	(X)	1 332
Approximate land area	(X)	2 871 680	(X)	2 871 680	(X)	2 871 680	(X)	2 871 680
Proportion in farms ... percent	(X)	48.8	(X)	49.0	(X)	14.1	(X)	13.9
Value of land and buildings:[1]								
Average per farm ... dollars	448 984	(X)	349 581	(X)	305 930	(X)	259 311	(X)
Average per acre ... dollars	(X)	171	(X)	103	(X)	274	(X)	195
Land in farms according to use:								
Total cropland	485	(D)	402	72 922	348	72 855	291	48 673
Harvested cropland	436	36 262	374	31 076	320	34 074	284	26 654
By acres harvested:								
1 to 9 acres	49	287	27	(NA)	13	77	5	(NA)
10 to 19 acres	69	903	55	(NA)	36	474	18	(NA)
20 to 29 acres	47	1 062	26	(NA)	25	573	18	(NA)
30 to 49 acres	68	2 479	74	(NA)	51	1 893	64	(NA)
50 to 99 acres	95	6 258	103	(NA)	88	(D)	91	(NA)
100 to 199 acres	68	9 130	60	(NA)	67	(D)	60	(NA)
200 to 499 acres	29	8 038	25	(NA)	29	8 038	25	(NA)
500 to 999 acres	8	4 905	3	(NA)	8	4 905	3	(NA)
1,000 acres or more	3	3 200	1	(NA)	3	3 200	–	(NA)
Cropland used only for pasture	297	(D)	261	26 323	211	28 786	182	17 331
Other cropland	120	(D)	82	15 523	87	9 995	73	4 688
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	14	1 992	(NA)	(NA)	9	1 286	7	154
Cropland on which all crops failed	40	(D)	(NA)	(NA)	27	943	38	2 088
Cropland in cultivated summer fallow	33	4 729	(NA)	(NA)	26	4 568	16	1 266
Cropland idle	53	3 658	(NA)	(NA)	37	3 198	33	1 180
Total woodland	23	(D)	22	461 176	16	12 104	18	1 513
Woodland pastured	19	(D)	(NA)	(NA)	14	(D)	17	1 113
Woodland not pastured	8	(D)	(NA)	(NA)	4	(D)	4	400
Other land	398	843 137	314	873 781	277	318 565	240	348 028
Pastureland and rangeland, other than cropland and woodland pastured	268	823 912	(NA)	(NA)	202	312 785	185	333 538
Land in house lots, ponds, roads, wasteland, etc	294	19 225	(NA)	(NA)	201	5 780	175	14 490
Pastureland, all types	468	1 302 209	(NA)	(NA)	335	352 958	(NA)	351 982
Irrigated land	472	60 432	372	52 451	337	55 782	276	41 751
Harvested cropland irrigated	421	33 635	(NA)	(NA)	307	31 492	267	23 839
Pastureland irrigated	304	24 786	(NA)	(NA)	225	23 103	(NA)	16 914
Other land irrigated	36	2 011	(NA)	(NA)	24	1 187	25	998
Land set aside in the federal farm programs in 1978	10	533	(X)	(X)	10	533	(X)	(X)

[1]1978 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]	525	11 643	413	7 096	364	11 463	299	6 192
Average per farm ... dollars	(X)	22 177	(X)	17 182	(X)	31 492	(X)	20 709
Farms by value of agricultural products sold:[1]								
$100,000 or more	20	5 734	11	(NA)	20	5 734	11	(NA)
$40,000 to $99,999	36	2 377	26	(NA)	36	2 377	26	(NA)
$20,000 to $39,999	45	1 291	21	(NA)	45	1 291	21	(NA)
$10,000 to $19,999	70	1 011	72	(NA)	70	1 011	72	(NA)
$5,000 to $9,999	95	693	71	(NA)	95	693	71	(NA)
$2,500 to $4,999	98	357	78	(NA)	98	357	78	(NA)
Less than $2,500 (see text)	157	180	130	(NA)	(X)	(X)	20	(NA)
$2,000 to $2,499	19	42	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	35	61	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	46	55	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	57	22	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	–	4	(NA)	(X)	(X)	(X)	(X)
Crops	155	1 139	188	1 056	125	1 107	(NA)	1 017
Grains	65	252	(NA)	(NA)	58	246	86	(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	117	849	(NA)	(NA)	92	824	97	736
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	451	10 503	349	6 028	331	10 356	258	5 175
Poultry and poultry products	9	(D)	14	17	6	(D)	12	(D)
Dairy products	16	766	(NA)	(NA)	15	(D)	18	701
Cattle and calves	367	6 671	(NA)	(NA)	301	6 593	240	3 205
Hogs and pigs	41	279	(NA)	(NA)	34	275	27	320
Sheep, lambs, and wool	158	2 668	(NA)	(NA)	101	2 613	87	870
Other livestock and livestock products (see text)	56	(D)	(NA)	(NA)	39	84	20	(D)

[1]1974 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	525	413	1 400 060	436	381 810	36 262	472	394 280	35 037	60 432
Farms with—										
1 to 9 acres	25	4	95	8	50	36	12	75	36	67
10 to 49 acres	119	74	3 509	89	2 732	1 378	111	3 272	1 306	2 482
50 to 69 acres	37	22	2 112	33	1 868	701	35	1 988	701	1 161
70 to 99 acres	42	29	3 414	40	3 264	1 176	41	3 334	1 176	2 182
100 to 139 acres	38	36	4 581	33	3 974	1 371	36	4 354	1 371	2 590
140 to 179 acres	34	38	5 400	30	4 781	1 513	31	4 936	1 513	2 608
180 to 219 acres	20	23	3 950	18	3 550	1 274	18	3 550	1 274	1 916
220 to 259 acres	15	18	3 526	12	2 832	1 357	14	3 292	1 357	2 289
260 to 499 acres	71	52	25 643	62	22 356	5 690	63	22 531	5 550	9 910
500 to 999 acres	48	39	33 817	42	28 759	6 065	42	28 814	5 632	12 594
1,000 to 1,999 acres	38	33	54 864	36	52 334	8 021	35	51 134	7 621	11 997
2,000 acres or more	38	45	1 259 149	33	255 310	7 680	34	267 000	7 500	10 636

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	Forms	Acres	Farms	Acres
Land in farms	525	1 400 060	413	1 407 879	364	403 524	299	398 214
Harvested cropland	436	36 262	374	31 076	320	34 074	284	26 654
Tenure of operator:								
Full owners	345	1 094 710	259	167 174	212	(D)	174	154 917
Harvested cropland	271	16 044	(NA)	12 977	180	(D)	(NA)	11 724
Part owners	172	300 944	139	1 227 995	146	297 260	117	232 259
Harvested cropland	159	19 329	(NA)	16 278	135	18 670	(NA)	13 294
Tenants	8	4 406	15	12 710	6	(D)	8	11 038
Harvested cropland	6	889	(NA)	1 821	5	(D)	(NA)	1 636
Type of organization:								
Individual or family	471	313 598	(NA)	(NA)	321	299 660	271	275 600
Partnership	36	62 595	(NA)	(NA)	29	62 181	21	46 357
Corporation	11	41 087	(NA)	(NA)	11	41 087	7	76 257
Other—cooperative, estate or trust, institutional, etc.	7	982 780	(NA)	(NA)	3	596	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	223	194	196	167
Other	302	208	168	125
Operators by age group:				
Under 25 years	4	3	2	–
25 to 34 years	47	31	35	19
35 to 44 years	136	85	96	60
45 to 54 years	123	119	85	99
55 to 64 years	113	87	71	65
65 years and over	102	77	75	49
Average age	51.6	52.0	51.5	52.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	368	278	257	199
Not on farm operated	93	52	66	31
Not reported	64	72	41	62
Operators reporting days of work off farm:				
None	153	91	128	77
1 to 49 days	35	14	30	9
50 to 99 days	7	14	5	9
100 to 149 days	25	26	19	23
150 to 199 days	49	23	36	15
200 days or more	234	173	127	107

[1]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	248	1 861	162	1 720	171	1 806	115	1 523
Feed for livestock and poultry	417	2 104	299	1 422	277	2 055	217	1 263
Commercially mixed formula feeds	72	533	147	661	54	530	113	577
Animal health costs	353	109	(NA)	(NA)	255	100	172	58
Seeds, bulbs, plants, and trees	225	115	188	97	182	112	159	88
Commercial fertilizer	248	304	152	200	198	289	131	181
Other agricultural chemicals including lime	208	153	139	55	155	143	117	49
Hired farm labor	201	599	124	493	176	587	101	315
Contract labor	41	107	20	21	41	107	14	8
Customwork, machine hire, and rental of machinery and equipment	267	136	182	110	177	113	139	80
Energy and petroleum products	527	1 021	(NA)	(NA)	354	966	(NA)	(NA)
Petroleum products	527	876	403	491	354	834	298	433
Gasoline	514	572	(NA)	(NA)	344	539	293	277
Diesel fuel	278	205	(NA)	(NA)	241	201	206	101
LP gas, butane, and propane	70	28	(NA)	(NA)	55	27	36	12
Fuel oil	39	7	(NA)	(NA)	28	6		
Natural gas	6	3	(NA)	(NA)	6	3	298	42
Kerosene, motor oil, and grease	527	61	(NA)	(NA)	354	58		
Electricity	275	132	(NA)	(NA)	211	121	(NA)	(NA)
Other—coal, wood, coke, etc.	64	13	(NA)	(NA)	48	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 forms		Farms with sales of $2,500 or more		
	1978		1978		1974
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	247	15 568	197	14 863	131	7 806
Cropland fertilized, except pasture	235	13 248	197	12 726	(NA)	6 737
Pasture and rangeland fertilized	71	2 320	42	2 137	(NA)	1 069
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	145	8 805	106	8 371	(NA)	5 200
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	7	122	6	(D)	–	–
Weeds, grass, or brush in crops and pasture	89	12 680	73	11 204	(NA)	5 231
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	8	728	6	(D)	1	(D)
Insect control on livestock and poultry	99	(X)	67	(X)	15	(X)
Sanitation and rodent and bird control	15	(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	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	527	390	354	287
— $1,000	10 889	7 650	9 654	6 394
Average per farm — dollars	20 662	19 615	27 271	22 279
Farms by value group:				
$1 to $4,999	71	64	21	34
$5,000 to $9,999	139	82	47	47
$10,000 to $19,999	122	116	96	87

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	108	63	104	59
$30,000 to $49,999	29	48	29	44
$50,000 to $69,999	35	4	34	4
$70,000 to $99,999	4	13	4	12
$100,000 to $199,999	15		15	
$200,000 or more	4		4	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	349	470	227	268	178	202	285	384	227
Motortrucks including pickups	451	781	263	316	319	465	351	624	298
Wheel tractors	439	820	110	128	393	692	332	604	163
Grain and bean combines, self-propelled only	55	56	2	(D)	54	(D)	27	30	6
Corn heads for combines	14	14	1	(D)	13	(D)	9	9	6
Other cornpickers and picker-shellers	12	12	2	(D)	10	(D)	11	11	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	218	232	52	53	170	179	63	66	13
Pickup balers	279	361	72	73	212	288	216	231	82
Field forage harvesters, shear bar or flywheel type	59	59	26	26	33	33	54	58	20

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	Forms	Workers	Forms	Workers	1978	1974
Farms	201	65	(X)	179	(X)	176	101
Workers	619	(X)	144	(X)	475	587	538
Farms with—							
1 worker	68	33	33	63	63	47	39
2 workers	49	16	32	42	84	48	10
3 or 4 workers	49	11	33	47	151	46	28
5 to 9 workers	28	3	(D)	23	123	28	14
10 workers or more	7	2	(D)	4	54	7	10

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	476	(X)	365	(X)	330	(X)	265	(X)
Any cattle, hogs, or sheep	445	(X)	353	(X)	318	(X)	256	(X)
Sales:								
Any livestock or poultry and their products $1,000	451	10 503	349	6 028	331	10 356	258	5 175
Any cattle, hogs, or sheep $1,000	435	9 618	346	(NA)	324	9 481	258	4 395
CATTLE AND CALVES								
Inventory:								
Cattle and calves	405	37 219	334	49 042	302	36 280	245	38 315
Cows and heifers that had calved	365	20 855	308	25 292	276	20 353	231	19 382
Beef cows	334	19 859	277	24 220	262	19 406	204	18 357
Milk cows	107	996	121	1 072	74	947	89	1 025
Heifers and heifer calves	304	8 558	(NA)	(NA)	234	8 316	187	9 741
Steers, steer calves, bulls and bull calves	344	7 806	(NA)	(NA)	269	7 611	211	9 192
Sales:								
Cattle and calves	367	21 720	310	21 652	301	21 445	240	17 838
$1,000	(X)	6 671	(X)	(NA)	(X)	6 593	(X)	3 205
Calves	237	9 861	(NA)	(NA)	204	9 710	147	7 393
$1,000	(X)	2 521	(X)	(NA)	(X)	2 485	(X)	858
Cattle	254	11 859	(NA)	(NA)	211	11 735	180	10 445
$1,000	(X)	4 150	(X)	(NA)	(X)	4 108	(X)	2 347
Fattened cattle	46	3 134	(NA)	(NA)	40	3 123	21	383
$1,000	(X)	1 325	(X)	(NA)	(X)	1 320	(X)	108
Dairy products $1,000	16	766	(NA)	(NA)	15	(D)	18	701
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	58	2 547	55	2 371	41	2 311	35	2 279
Used or to be used for breeding	36	437	(NA)	(NA)	27	362	19	371
Other hogs and pigs	49	2 110	(NA)	(NA)	34	1 949	31	1 908
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	40	468	30	630	31	437	22	619
Dec. 1 of preceding year and May 31	29	255	22	318	23	248	18	313
June 1 and Nov. 30	22	213	20	312	18	189	15	306
Sheep and lambs	161	49 054	137	25 381	100	47 686	90	23 838
Ewes 1 year old or older	145	34 337	(NA)	(NA)	91	33 467	89	18 085
Goats	3	8	(NA)	(NA)	2	(D)	–	–
Horses and ponies	283	1 524	173	1 063	210	1 215	125	642
Sales:								
Hogs and pigs	41	3 252	33	4 170	34	3 191	27	4 136
$1,000	(X)	279	(X)	(NA)	(X)	275	(X)	320
Feeder pigs	14	304	12	174	11	284	8	147
$1,000	(X)	12	(X)	(NA)	(X)	11	(X)	2
Sheep and lambs	154	39 166	129	30 494	98	38 325	85	29 289
Sheep and lambs shorn	143	43 847	(NA)	(NA)	92	42 868	81	26 382
Pounds of wool	(X)	460 939	(X)	(NA)	(X)	451 067	(X)	256 893
Sheep, lambs, and wool $1,000	158	2 668	(NA)	(NA)	101	2 613	87	870
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	50	178	25	153	36	157	19	127
$1,000	(X)	83	(X)	(NA)	(X)	75	(X)	(D)
POULTRY								
Inventory:								
Any poultry	86	(X)	77	(X)	59	(X)	47	(X)
Chickens 3 months old or older	79	3 719	75	3 352	55	3 175	46	2 853
Hens and pullets of laying age	77	3 577	72	3 089	53	(D)	45	(D)
Pullets 3 months old or older	7	142	(NA)	(NA)	5	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Broilers and other meat-type chickens	6	291	9	166	3	31	5	104
Turkeys	15	81	(NA)	(NA)	9	50	3	9
Turkeys for slaughter	7	37	(NA)	(NA)	4	17	2	(D)
Turkey hens kept for breeding	12	44	(NA)	(NA)	7	33	1	(D)
Other poultry	15	(X)	(NA)	(X)	10	(X)	7	(X)
Sales:								
Any poultry	6	(X)	6	(X)	3	(X)	6	(X)
Chickens 3 months old or older	3	597	5	1 290	3	597	5	1 290
Hens and pullets of laying age	2	(D)	5	1 290	2	(D)	5	1 290
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	–	–
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)	–	(X)
Poultry and poultry products $1,000	9	(D)	14	17	6	(D)	12	(D)

Table 10. **Crops: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	113	4 071	(X)	113	4 071	98	3 896	(X)	98	3 896
	1974	124	3 800	(X)	(NA)	(NA)	111	3 606	(X)	110	3 576
For grain or seed (bushels)	1978	26	1 121	61 811	26	1 121	19	1 030	59 056	19	1 030
	1974	28	961	36 299	(NA)	(NA)	25	927	34 874	24	917
For silage or green chop (tons, green)	1978	95	2 950	37 633	95	2 950	87	2 866	36 928	87	2 866
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	88	2 607	32 471	88	2 607
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	72	(X)	5	52
Sorghums for all purposes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	38	1 396	38 365	29	325	33	1 375	37 665	25	308
	1974	71	1 990	44 611	(NA)	(NA)	60	1 941	43 176	41	633
Oats for grain (bushels)	1978	99	1 578	76 012	95	1 554	84	1 457	71 482	81	1 437
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	590	29 900	40	590
Barley for grain (bushels)	1978	82	1 732	91 420	79	1 590	74	1 645	88 125	71	1 503
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	85	1 324	59 211	79	1 227
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)	4	168	(X)	3	160
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	(D)	(D)	4	(D)	2	(D)	(D)	2	(D)
	1974	7	3	225	(NA)	(NA)	4	1	95	4	1
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	412	28 122	61 637	397	26 675	301	26 293	58 255	288	24 883
	1974	341	22 688	47 881	(NA)	(NA)	256	18 780	40 898	235	17 421
Alfalfa hay (tons, dry)	1978	372	22 174	51 695	360	21 241	276	20 761	49 109	266	19 865
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	229	15 091	35 303	212	14 036
Other tame dry hay (tons, dry) (see text)	1978	46	1 880	3 468	41	1 688	33	1 675	3 187	28	1 483
Field seed crops	1978	4	620	(X)	4	620	4	620	(X)	4	620
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	457	(X)	7	455
Alfalfa seed (pounds)	1978	4	620	134 500	4	620	4	620	134 500	4	620
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	457	135 900	7	455
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	6	12	(X)	6	12	3	8	(X)	3	8
	1974	9	17	(X)	(NA)	(NA)	3	11	(X)	1	(D)
Apples (pounds)	1978	5	7	(D)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	60	(NA)	(NA)
Peaches (pounds)	1978	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(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	1 612	435 317	1 605	482 754	1 043	408 831	1 061	460 896
Average size of farm	(X)	270	(X)	301	(X)	392	(X)	434
Approximate land area	(X)	1 288 960	(X)	1 288 960	(X)	1 288 960	(X)	1 288 960
Proportion in farms ... percent	(X)	33.8	(X)	37.5	(X)	31.7	(X)	35.8
Value of land and buildings:[1]								
Average per farm ... dollars	306 370	(X)	138 626	(X)	398 929	(X)	174 478	(X)
Average per acre ... dollars	(X)	1 129	(X)	461	(X)	993	(X)	402
Land in farms according to use:								
Total cropland	1 494	142 667	1 501	139 644	952	(D)	979	124 587
Harvested cropland	1 398	94 964	1 441	92 677	899	85 595	946	83 584
By acres harvested:								
1 to 9 acres	365	1 738	310	(NA)	110	533	90	(NA)
10 to 19 acres	269	3 658	306	(NA)	122	1 675	130	(NA)
20 to 29 acres	161	3 787	169	(NA)	100	2 381	113	(NA)
30 to 49 acres	199	7 369	216	(NA)	181	6 741	195	(NA)
50 to 99 acres	196	13 469	223	(NA)	191	13 178	214	(NA)
100 to 199 acres	119	16 671	140	(NA)	115	16 017	134	(NA)
200 to 499 acres	72	21 482	60	(NA)	64	(D)	53	(NA)
500 to 999 acres	6	4 420	5	(NA)	5	(D)	5	(NA)
1,000 acres or more	11	22 370	12	(NA)	11	22 370	12	(NA)
Cropland used only for pasture	570	24 163	622	31 640	358	(D)	383	27 276
Other cropland	287	23 540	200	15 327	192	(D)	141	13 727
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	26	1 123	(NA)	(NA)	20	1 068	17	605
Cropland on which all crops failed	49	904	(NA)	(NA)	26	(D)	25	366
Cropland in cultivated summer fallow	97	14 260	(NA)	(NA)	69	13 891	57	11 012
Cropland idle	167	7 253	(NA)	(NA)	118	6 702	59	1 744
Total woodland	25	3 197	42	7 426	12	(D)	23	6 251
Woodland pastured	14	3 064	(NA)	(NA)	9	(D)	8	2 222
Woodland not pastured	11	133	(NA)	(NA)	3	15	15	4 029
Other land	988	289 453	979	335 684	680	278 537	696	330 058
Pastureland and rangeland, other than cropland and woodland pastured	353	277 839	(NA)	(NA)	263	268 076	250	312 385
Land in house lots, ponds, roads, wasteland, etc	829	11 614	(NA)	(NA)	554	10 461	591	17 673
Pastureland, all types	848	305 066	(NA)	(NA)	562	290 481	(NA)	341 883
Irrigated land	1 422	90 728	1 334	81 854	916	80 382	913	72 556
Harvested cropland irrigated	1 328	75 336	(NA)	(NA)	860	66 939	881	63 373
Pastureland irrigated	490	14 199	(NA)	(NA)	320	12 464	(NA)	8 676
Other land irrigated	79	1 193	(NA)	(NA)	50	979	31	507
Land set aside in the federal farm programs in 1978	84	3 424	(X)	(X)	77	3 308	(X)	(X)

[1] 1978 data are based on a sample of farms; see text.

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)	Farms	Value ($1,000)
Market value of agricultural products sold[1]	1 612	51 738	1 605	38 103	1 043	48 787	1 061	35 515
Average per farm ... dollars	(X)	32 096	(X)	23 740	(X)	46 776	(X)	33 473
Farms by value of agricultural products sold:[1]								
$100,000 or more	99	31 881	58	(NA)	99	31 881	58	(NA)
$40,000 to $99,999	130	8 473	123	(NA)	130	8 473	123	(NA)
$20,000 to $39,999	111	3 161	134	(NA)	111	3 161	134	(NA)
$10,000 to $19,999	185	2 563	205	(NA)	185	2 563	205	(NA)
$5,000 to $9,999	249	1 755	255	(NA)	249	1 755	255	(NA)
$2,500 to $4,999	269	954	258	(NA)	269	954	258	(NA)
Less than $2,500 (see text)	552	662	555	(NA)	(X)	(X)	28	(NA)
$2,000 to $2,499	104	232	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	120	204	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	130	158	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	198	69	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	17	2 289	17	(NA)	(X)	(X)	(X)	(X)
Crops	910	12 782	1 100	12 608	616	12 174	(NA)	11 693
Grains	464	3 132	(NA)	(NA)	361	2 943	489	3 457
Commodity Credit Corporation loans	23	83	(NA)	(NA)	20	82	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	401	1 548	(NA)	(NA)	266	1 391	306	2 394
Vegetables, sweet corn, and melons	66	133	(NA)	(NA)	43	122	39	175
Fruits, nuts, and berries	240	6 147	(NA)	(NA)	150	5 906	191	3 856
Nursery and greenhouse products	26	1 739	32	282	24	(D)	23	274
Other crops	24	82	(NA)	(NA)	18	(D)	66	1 536
Livestock, poultry, and their products	1 069	38 957	1 022	25 476	763	36 613	707	23 805
Poultry and poultry products	44	12 521	57	8 073	30	12 303	40	7 922
Dairy products	111	9 027	(NA)	(NA)	92	8 016	114	5 144
Cattle and calves	799	10 559	(NA)	(NA)	587	9 697	562	7 217
Hogs and pigs	129	781	(NA)	(NA)	89	609	79	399
Sheep, lambs, and wool	155	2 317	(NA)	(NA)	104	2 277	115	1 999
Other livestock and livestock products (see text)	184	3 751	(NA)	(NA)	141	3 711	89	1 125

[1] 1974 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	1 612	1 605	435 317	1 398	314 363	94 964	1 422	303 991	86 598	90 728
Farms with—										
1 to 9 acres	319	273	1 441	208	1 075	807	232	1 173	776	957
10 to 49 acres	638	633	15 216	580	14 160	9 804	589	14 273	9 591	10 978
50 to 69 acres	132	133	7 581	119	6 864	4 838	118	6 779	4 586	5 283
70 to 99 acres	118	135	9 777	113	9 378	5 776	110	9 154	5 584	6 221
100 to 139 acres	92	103	10 797	89	10 463	6 461	89	10 465	6 412	6 785
140 to 179 acres	54	59	8 334	53	8 184	5 058	52	8 010	4 993	5 574
180 to 219 acres	37	54	7 358	37	7 358	3 829	36	7 153	3 750	4 136
220 to 259 acres	27	27	6 481	26	6 241	3 884	27	6 481	3 884	4 219
260 to 499 acres	86	76	29 980	79	27 551	14 546	79	27 416	14 501	17 488
500 to 999 acres	51	45	36 718	48	34 659	9 382	47	34 101	8 880	8 547
1,000 to 1,999 acres	22	21	29 343	20	26 652	5 216	20	26 652	5 216	6 398
2,000 acres or more	36	46	272 291	26	161 778	25 363	23	152 334	18 425	14 142

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

	All farms				Forms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 612	435 317	1 605	482 754	1 043	408 831	1 061	460 896
Harvested cropland	1 398	94 964	1 441	92 677	899	85 595	946	83 584
Tenure of operator:								
Full owners	1 097	153 309	1 088	147 364	633	133 079	664	131 603
Harvested cropland	922	35 867	(NA)	43 065	522	29 663	(NA)	36 243
Part owners	435	268 374	433	325 390	349	262 429	340	319 964
Harvested cropland	410	53 153	(NA)	44 378	327	50 188	(NA)	42 416
Tenants	80	13 634	84	10 000	61	13 323	57	9 329
Harvested cropland	66	5 944	(NA)	5 234	50	5 744	(NA)	4 925
Type of organization:								
Individual or family	1 387	268 389	(NA)	(NA)	866	253 190	959	265 588
Partnership	128	46 187	(NA)	(NA)	99	43 235	61	80 201
Corporation	55	99 169	(NA)	(NA)	53	(D)	35	110 296
Other—cooperative, estate or trust, institutional, etc.	42	21 572	(NA)	(NA)	25	(D)	6	4 811

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	621	670	510	567
Other	991	877	533	453
Operators by age group:				
Under 25 years	20	25	18	18
25 to 34 years	145	84	110	56
35 to 44 years	304	347	190	225
45 to 54 years	459	398	287	267
55 to 64 years	366	387	233	253
65 years and over	318	306	205	201
Average age	52.1	52.2	51.7	52.3

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 026	854	671	560
Not on farm operated	416	410	257	249
Not reported	170	283	115	211
Operators reporting days of work off farm:				
None	488	392	385	328
1 to 49 days	84	62	47	46
50 to 99 days	37	36	29	19
100 to 149 days	49	28	31	20
150 to 199 days	123	84	71	56
200 days or more	768	742	428	376

[1]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				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	585	4 507	602	4 213	422	4 089	405	3 850
Feed for livestock and poultry	857	13 913	916	9 937	638	13 100	582	9 105
Commercially mixed formula feeds	287	10 436	583	6 934	222	10 085	414	6 719
Animal health costs	936	350	(NA)	(NA)	705	317	507	197
Seeds, bulbs, plants, and trees	740	878	865	544	540	823	608	495
Commercial fertilizer	980	1 373	895	1 143	694	1 211	670	1 039
Other agricultural chemicals including lime	947	586	793	448	652	512	586	415
Hired farm labor	810	5 501	765	3 167	636	5 003	574	2 772
Contract labor	205	624	87	211	155	594	62	206
Customwork, machine hire, and rental of machinery and equipment	893	672	885	509	563	581	584	422
Energy and petroleum products	1 591	2 992	(NA)	(NA)	1 024	2 768	(NA)	(NA)
Petroleum products	1 590	2 061	1 560	1 336	1 023	1 902	1 048	1 218
Gasoline	1 492	1 114	(NA)	(NA)	975	1 011	992	775
Diesel fuel	818	575	(NA)	(NA)	673	546	596	291
LP gas, butane, and propane	158	58	(NA)	(NA)	153	57	68	41
Fuel oil	93	43	(NA)	(NA)	87	42		
Natural gas	83	120	(NA)	(NA)	80	110	1 047	111
Kerosene, motor oil, and grease	1 590	151	(NA)	(NA)	1 023	136		
Electricity	741	914	(NA)	(NA)	578	850	(NA)	(NA)
Other—coal, wood, cake, etc.	94	18	(NA)	(NA)	81	17	(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	929	54 627	681	49 658	670	37 296
Cropland fertilized, except pasture	900	51 920	665	47 487	(NA)	35 602
Pasture and rangeland fertilized	135	2 707	105	2 171	(NA)	1 694
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	511	18 149	363	15 859	(NA)	17 319
Nematodes in crops	35	690	29	636	6	91
Diseases in crops and orchards	239	6 944	125	6 138	81	3 035
Weeds, grass, or brush in crops and pasture	444	32 368	355	30 650	(NA)	18 097
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	68	1 207	39	962	18	463
Insect control on livestock and poultry	376	(X)	261	(X)	110	(X)
Sanitation and rodent and bird control	206	(X)	141	(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
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	1 603	1 536	1 024	1 020
$1,000	39 164	28 226	34 488	23 106
Average per farm—dollars	24 432	18 376	33 680	22 653
Farms by value group:				
$1 to $4,999	269	321	82	150
$5,000 to $9,999	568	337	246	164
$10,000 to $19,999	297	414	240	287
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	160	220	158	194
$30,000 to $49,999	126	166	122	153
$50,000 to $69,999	75	44	73	40
$70,000 to $99,999	34	34	32	32
$100,000 to $199,999	50		49	
$200,000 or more	24		22	

	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	882	1 296	482	610	492	686	1 140	1 545	802
Motortrucks including pickups	1 342	2 317	598	763	1 031	1 554	1 405	2 471	787
Wheel tractors	1 362	2 345	309	436	1 197	1 909	1 338	2 385	582
Grain and bean combines, self-propelled only	95	99	25	28	71	71	115	124	38
Corn heads for combines	28	30	13	14	16	16	33	36	14
Other cornpickers and picker-shellers	6	7	4	4	3	3	39	41	8
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	486	510	203	206	290	304	266	277	77
Pickup balers	665	780	172	251	499	529	611	628	171
Field forage harvesters, shear bar or flywheel type	215	226	43	45	176	181	198	215	67

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	810	256	(X)	734	(X)	636	574
Workers	5 677	(X)	819	(X)	4 858	5 180	5 759
Farms with—							
1 worker	254	123	123	216	216	169	141
2 workers	119	53	106	137	274	70	72
3 or 4 workers	166	48	156	148	532	145	91
5 to 9 workers	150	21	127	134	846	142	106
10 workers or more	121	11	307	99	2 990	110	164

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	1 194	(X)	1 107	(X)	794	(X)	724	(X)
Any cattle, hogs, or sheep	982	(X)	986	(X)	673	(X)	647	(X)
Sales:								
Any livestock or poultry and their products $1,000	1 069	38 957	1 022	25 476	763	36 613	707	23 805
Any cattle, hogs, or sheep $1,000	923	13 658	916	(NA)	662	12 582	643	9 615
CATTLE AND CALVES								
Inventory:								
Cattle and calves	882	57 250	875	60 583	609	51 095	577	53 901
Cows and heifers that had calved	741	27 704	680	26 429	524	24 871	471	23 536
Beef cows	600	20 489	536	19 138	424	18 447	353	16 925
Milk cows	220	7 215	274	7 291	149	6 424	200	6 611
Heifers and heifer calves	661	15 276	(NA)	(NA)	482	13 531	424	13 359
Steers, steer calves, bulls and bull calves	731	14 270	(NA)	(NA)	517	12 693	468	17 006
Sales:								
Cattle and calves	799	29 788	774	28 471	587	27 232	562	25 881
$1,000	(X)	10 559	(X)	(NA)	(X)	9 697	(X)	7 217
Calves	360	7 461	(NA)	(NA)	261	6 768	253	5 849
$1,000	(X)	1 582	(X)	(NA)	(X)	1 468	(X)	689
Cattle	674	22 327	(NA)	(NA)	520	20 464	502	20 032
$1,000	(X)	8 977	(X)	(NA)	(X)	8 229	(X)	6 528
Fattened cattle	319	12 275	(NA)	(NA)	251	11 402	252	13 632
$1,000	(X)	5 336	(X)	(NA)	(X)	4 953	(X)	4 681
Dairy products $1,000	111	9 027	(NA)	(NA)	92	8 016	114	5 144
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	159	5 693	171	5 575	99	4 233	95	3 714
Used or to be used for breeding	84	970	(NA)	(NA)	53	675	52	496
Other hogs and pigs	149	4 723	(NA)	(NA)	92	3 558	93	3 218
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	88	1 266	104	1 233	57	888	60	850
Dec. 1 of preceding year and May 31	80	668	66	607	54	455	51	445
June 1 and Nov. 30	67	598	84	626	45	433	46	405
Sheep and lambs	161	33 399	231	71 689	104	32 463	126	69 805
Ewes 1 year old or older	146	24 894	(NA)	(NA)	98	24 329	113	51 311
Goats	13	99	(NA)	(NA)	10	64	1	(D)
Horses and ponies	579	2 423	513	1 884	373	1 695	316	1 245
Sales:								
Hogs and pigs	129	10 196	129	8 887	89	7 717	79	6 428
$1,000	(X)	781	(X)	(NA)	(X)	609	(X)	399
Feeder pigs	39	3 516	60	1 753	26	2 597	32	1 223
$1,000	(X)	116	(X)	(NA)	(X)	93	(X)	21
Sheep and lambs	145	30 904	189	58 621	101	30 321	113	57 354
Sheep and lambs shorn	145	37 276	(NA)	(NA)	99	36 578	91	57 029
Pounds of wool	(X)	370 911	(X)	(NA)	(X)	364 771	(X)	524 539
Sheep, lambs, and wool $1,000	155	2 317	(NA)	(NA)	104	2 277	115	1 999
Goats	3	22	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	98	254	74	199	72	203	48	118
$1,000	(X)	244	(X)	(NA)	(X)	215	(X)	76
POULTRY								
Inventory:								
Any poultry	124	(X)	139	(X)	72	(X)	82	(X)
Chickens 3 months old or older	103	1 293 877	125	906 528	61	1 272 167	72	890 070
Hens and pullets of laying age	103	1 201 275	105	792 862	61	1 187 625	56	776 588
Pullets 3 months old or older	18	92 602	(NA)	(NA)	12	84 542	8	112 460
Pullet chicks and pullets under 3 months old	8	212 754	(NA)	(NA)	7	(D)	7	27 050
Broilers and other meat-type chickens	19	973	21	911	11	484	7	452
Turkeys	11	197	(NA)	(NA)	4	20	4	(D)
Turkeys for slaughter	9	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	35	(X)	(NA)	(X)	16	(X)	6	(X)
Sales:								
Any poultry	36	(X)	40	(X)	24	(X)	34	(X)
Chickens 3 months old or older	21	635 771	30	533 965	14	629 206	26	525 327
Hens and pullets of laying age	19	(D)	29	533 440	13	(D)	26	524 822
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	8	427	7	813	5	355	4	412
Turkeys	3	(D)	(NA)	(NA)	1	(D)	5	294 950
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	4	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	2	(D)
Other poultry	4	(X)	(NA)	(X)	2	(X)	1	(X)
Poultry and poultry products $1,000	44	12 521	57	8 073	30	12 303	40	7 922

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	438	14 039	(X)	438	14 039	372	12 508	(X)	372	12 508
	1974	534	12 305	(X)	(NA)	(NA)	433	10 989	(X)	428	10 909
For grain or seed (bushels)	1978	223	5 203	448 081	223	5 203	195	4 878	423 765	195	4 878
	1974	246	4 102	384 450	(NA)	(NA)	192	3 802	362 700	189	3 767
For silage or green chop (tons, green)	1978	295	8 836	145 474	295	8 836	255	7 630	125 514	255	7 630
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	304	7 042	120 692	303	7 025
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	145	(X)	6	117
Sorghums for all purposes	1978	4	42	(X)	3	38	3	(D)	(X)	3	38
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	(D)	(D)	3	38	3	(D)	(D)	3	38
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Wheat for grain (bushels)	1978	152	18 122	425 573	118	2 667	119	17 819	413 673	93	2 491
	1974	381	18 181	428 949	(NA)	(NA)	308	17 288	404 830	247	3 590
Oats for grain (bushels)	1978	78	540	39 215	76	523	53	413	32 473	53	413
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	787	51 617	57	507
Barley for grain (bushels)	1978	579	19 243	1 476 911	555	18 377	470	17 638	1 370 705	454	16 830
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	458	12 243	836 182	423	11 158
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	2	(D)	(X)	2	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	371	(X)	5	371
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	26	104	17 851	26	104	17	94	16 098	17	94
	1974	30	110	15 302	(NA)	(NA)	26	107	15 103	26	107
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Hay crops (tons, dry) (see text)	1978	1 015	36 807	120 011	946	33 601	692	31 765	106 994	651	29 256
	1974	1 013	38 036	126 601	(NA)	(NA)	682	33 558	114 437	620	29 177
Alfalfa hay (tons, dry)	1978	912	26 599	101 465	866	24 952	633	23 090	90 676	608	21 819
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	605	24 129	91 503	547	21 434
Other tame dry hay (tons, dry) (see text)	1978	100	2 749	5 816	90	2 546	72	2 433	5 238	65	2 273
Field seed crops	1978	5	(D)	(X)	4	130	3	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	176	(X)	–	–
Alfalfa seed (pounds)	1978	4	(D)	20 600	4	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	176	17 600	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	66	246	(X)	66	246	43	194	(X)	43	194
	1974	62	384	(X)	(NA)	(NA)	42	345	(X)	40	334
Sweet corn	1978	47	122	(X)	47	122	29	75	(X)	29	75
	1974	(NA)	(NA)	(X)	(NA)	(NA)	27	131	(X)	25	128
Tomatoes	1978	24	40	(X)	24	40	19	37	(X)	19	37
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	36	(X)	18	34
Green peas excluding cowpeas	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	107	(X)	9	107
Land in orchards	1978	344	6 244	(X)	322	6 133	175	5 382	(X)	169	5 344
	1974	383	7 212	(X)	(NA)	(NA)	207	6 278	(X)	186	5 669
Apples (pounds)	1978	246	2 461	19 942 715	(NA)	(NA)	127	2 122	18 961 530	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2 986	23 025 860	(NA)	(NA)
Peaches (pounds)	1978	173	837	2 048 581	(NA)	(NA)	83	684	1 828 318	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	627	2 896 957	(NA)	(NA)
Grapes (pounds) (see text)	1978	33	35	29 050	(NA)	(NA)	11	14	6 481	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	2	(D)	(NA)	(NA)
Berries	1978	25	28	(X)	25	28	14	25	(X)	14	25
	1974	24	36	(X)	(NA)	(NA)	10	32	(X)	10	32
Strawberries (pounds)	1978	4	12	(D)	4	12	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	18	90 600	3	18
Nursery and greenhouse products	1978	26	568	(X)	21	562	24	(D)	(X)	20	(D)
Other crops	1978	4	51	(X)	(NA)	(NA)	3	(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	261	211 040	254	237 433	178	198 105	158	202 511
Average size of farm	(X)	809	(X)	935	(X)	1 113	(X)	1 282
Approximate land area	(X)	762 240	(X)	762 240	(X)	762 240	(X)	762 240
Proportion in farms ... percent	(X)	27.7	(X)	31.1	(X)	26.0	(X)	26.6
Value of land and buildings:[1]								
Average per farm ... dollars	357 078	(X)	216 197	(X)	478 458	(X)	297 266	(X)
Average per acre ... dollars	(X)	459	(X)	231	(X)	441	(X)	232
Land in farms according to use:								
Total cropland	246	21 146	224	21 028	168	(D)	147	18 574
Harvested cropland	224	11 940	213	13 253	160	10 514	143	11 929
By acres harvested:								
1 to 9 acres	21	137	27	(NA)	11	78	3	(NA)
10 to 19 acres	46	657	30	(NA)	22	339	11	(NA)
20 to 29 acres	38	849	19	(NA)	24	532	8	(NA)
30 to 49 acres	39	1 445	45	(NA)	26	1 003	32	(NA)
50 to 99 acres	46	3 242	47	(NA)	45	(D)	44	(NA)
100 to 199 acres	24	3 125	35	(NA)	22	(D)	35	(NA)
200 to 499 acres	10	2 485	10	(NA)	10	2 485	10	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	163	(D)	151	7 469	117	(D)	103	6 344
Other cropland	28	(D)	21	306	17	(D)	17	301
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	(D)	(NA)	(NA)	4	(D)	7	190
Cropland on which all crops failed	10	407	(NA)	(NA)	7	389	1	(D)
Cropland in cultivated summer fallow	7	252	(NA)	(NA)	6	(D)	6	(D)
Cropland idle	9	212	(NA)	(NA)	4	(D)	4	37
Total woodland	10	1 140	15	5 139	8	(D)	11	5 067
Woodland pastured	4	(D)	(NA)	(NA)	4	(D)	5	2 678
Woodland not pastured	6	(D)	(NA)	(NA)	4	(D)	7	2 389
Other land	152	188 754	136	211 266	109	179 070	92	178 870
Pastureland and rangeland, other than cropland and woodland pastured	60	187 948	(NA)	(NA)	47	178 419	56	175 834
Land in house lots, ponds, roads, wasteland, etc	115	806	(NA)	(NA)	82	651	73	3 036
Pastureland, all types	202	197 051	(NA)	(NA)	148	185 782	(NA)	184 856
Irrigated land	239	17 666	198	15 914	166	15 534	134	14 333
Harvested cropland irrigated	221	11 507	(NA)	(NA)	158	10 118	129	10 353
Pastureland irrigated	137	5 985	(NA)	(NA)	106	5 260	(NA)	3 870
Other land irrigated	9	174	(NA)	(NA)	5	156	5	110
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	1	(D)	(X)	(X)

[1] 1978 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]	261	6 549	254	5 256	178	6 346	158	5 058
Average per farm ... dollars	(X)	25 094	(X)	20 693	(X)	35 649	(X)	32 013
Farms by value of agricultural products sold:[1]								
$100,000 or more	21	3 703	13	(NA)	21	3 703	13	(NA)
$40,000 to $99,999	17	1 111	24	(NA)	17	1 111	24	(NA)
$20,000 to $39,999	24	670	22	(NA)	24	670	22	(NA)
$10,000 to $19,999	35	493	29	(NA)	35	493	29	(NA)
$5,000 to $9,999	26	170	28	(NA)	26	170	28	(NA)
$2,500 to $4,999	55	198	37	(NA)	55	198	37	(NA)
Less than $2,500 (see text)	76	94	93	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	12	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	21	36	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	19	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	24	9	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	7	110	8	(NA)	(X)	(X)	(X)	(X)
Crops	87	310	109	338	53	267	(NA)	304
Grains	38	(D)	(NA)	(NA)	27	(D)	45	(D)
Commodity Credit Corporation loans	1	(D)	(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	72	228	(NA)	(NA)	42	193	44	207
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	1	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	208	6 240	214	4 919	159	6 079	141	4 754
Poultry and poultry products	4	1	6	366	2	(D)	5	(D)
Dairy products	34	2 460	(NA)	(NA)	33	(D)	38	2 172
Cattle and calves	170	1 739	(NA)	(NA)	136	1 692	126	1 065
Hogs and pigs	16	32	(NA)	(NA)	10	29	6	(D)
Sheep, lambs, and wool	52	1 872	(NA)	(NA)	39	1 863	40	1 052
Other livestock and livestock products (see text)	23	136	(NA)	(NA)	17	131	13	84

[1] 1974 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	261	254	211 040	224	165 026	11 940	239	188 073	11 790	17 666
Farms with—										
1 to 9 acres	20	8	107	6	40	32	14	74	32	64
10 to 49 acres	94	89	2 736	86	2 496	1 619	89	2 560	1 589	2 125
50 to 69 acres	23	22	1 336	21	1 229	802	21	1 229	802	959
70 to 99 acres	21	20	1 737	20	1 642	867	21	1 737	867	1 224
100 to 139 acres	24	27	2 821	22	2 583	1 467	22	2 583	1 467	2 029
140 to 179 acres	15	22	2 308	15	2 308	1 110	14	2 148	1 010	1 561
180 to 219 acres	8	9	1 632	8	1 632	568	8	1 632	568	924
220 to 259 acres	13	11	3 125	13	3 125	1 237	13	3 125	1 237	1 608
260 to 499 acres	16	21	5 890	14	5 229	2 244	15	5 620	2 244	3 362
500 to 999 acres	8	4	(D)	8	(D)	(D)	8	(D)	(D)	(D)
1,000 to 1,999 acres	2	2	(D)	1	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	17	19	180 978	10	137 472	708	12	158 995	688	1 624

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	Forms	Acres	Forms	Acres	Forms	Acres
Land in farms	261	211 040	254	237 433	178	198 105	158	202 511
Harvested cropland	224	11 940	213	13 253	160	10 514	143	11 929
Tenure of operator:								
Full owners	149	91 970	142	88 907	85	88 561	78	86 503
Harvested cropland	127	4 636	(NA)	5 603	77	3 659	(NA)	4 609
Part owners	89	115 141	86	121 263	77	108 616	70	114 322
Harvested cropland	78	6 522	(NA)	6 700	70	6 228	(NA)	6 385
Tenants	23	3 929	26	27 263	16	928	10	1 686
Harvested cropland	19	782	(NA)	950	13	627	(NA)	935
Type of organization:								
Individual or family	224	76 803	(NA)	(NA)	150	73 010	148	144 648
Partnership	23	76 170	(NA)	(NA)	21	(D)	5	(D)
Corporation	6	48 729	(NA)	(NA)	6	48 729	4	51 820
Other—cooperative, estate or trust, institutional, etc.	8	9 338	(NA)	(NA)	1	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Forming	103	114	91	106
Other	158	127	87	47
Operators by age group:				
Under 25 years	2	3	2	3
25 to 34 years	19	9	16	7
35 to 44 years	51	39	29	25
45 to 54 years	71	76	51	41
55 to 64 years	72	58	44	34
65 years and over	46	56	36	43
Average age	52.5	54.3	52.8	55.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	173	114	122	79
Not on farm operated	67	88	41	40
Not reported	21	39	15	34
Operators reporting days of work off farm:				
None	75	78	64	69
1 to 49 days	13	27	8	9
50 to 99 days	5	8	4	7
100 to 149 days	8	6	6	6
150 to 199 days	15	12	12	9
200 days or more	134	85	74	34

[1]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	
	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)	Forms	Expenses ($1,000)
Livestock and poultry purchased	114	1 448	106	831	83	1 435	76	807
Feed for livestock and poultry	197	1 506	173	1 444	148	1 452	112	1 391
Commercially mixed formula feeds	94	690	137	1 118	72	679	91	1 077
Animal health costs	171	71	(NA)	(NA)	142	68	99	54
Seeds, bulbs, plants, and trees	87	28	106	48	69	26	69	44
Commercial fertilizer	83	71	74	55	50	66	45	48
Other agricultural chemicals including lime	38	15	55	12	32	14	43	11
Hired farm labor	136	628	108	464	113	605	83	446
Contract labor	22	26	12	10	21	(D)	9	9
Customwork, machine hire, and rental of machinery and equipment	124	72	134	55	93	68	91	45
Energy and petroleum products	260	390	(NA)	(NA)	177	364	(NA)	(NA)
Petroleum products	260	284	252	267	177	265	158	246
Gasoline	254	203	(NA)	(NA)	171	191	150	153
Diesel fuel	113	39	(NA)	(NA)	93	36	98	61
LP gas, butane, and propane	23	8	(NA)	(NA)	18	8	15	12
Fuel oil	12	(D)	(NA)	(NA)	11	(D)		
Natural gas	17	(D)	(NA)	(NA)	17	(D)	158	20
Kerosene, motor oil, and grease	260	22	(NA)	(NA)	177	18		
Electricity	160	95	(NA)	(NA)	125	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	30	11	(NA)	(NA)	29	(D)	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	78	3 327	50	2 959	45	1 555
Cropland fertilized, except pasture	78	2 230	50	1 957	(NA)	1 298
Pasture and rangeland fertilized	24	1 097	18	1 002	(NA)	257
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	17	647	17	647	(NA)	1 636
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	29	895	28	(D)	(NA)	454
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	21	(X)	16	(X)	9	(X)
Sanitation and rodent and bird control	3	(X)	3	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	260	248	177	154
— $1,000	4 818	4 107	4 172	3 123
Average per farm — dollars	18 531	16 560	23 571	20 279
Farms by value group:				
$1 to $4,999	44	60	31	29
$5,000 to $9,999	67	60	18	24
$10,000 to $19,999	78	51	61	38

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	25	40	23	33
$30,000 to $49,999	18	30	18	23
$50,000 to $69,999	13	5	11	5
$70,000 to $99,999	8		8	
$100,000 to $199,999	7	2	7	2
$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	179	273	86	110	129	163	197	259	173
Motortrucks including pickups	230	375	69	83	207	292	216	348	154
Wheel tractors	195	349	61	73	175	276	201	350	109
Grain and bean combines, self-propelled only	7	7	–	–	7	7	9	9	3
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	3	3	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	99	110	28	28	81	82	52	52	17
Pickup balers	160	167	33	35	129	132	138	142	46
Field forage harvesters, shear bar or flywheel type	21	21	3	3	18	18	8	8	3

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	136	48	(X)	123	(X)	113	83
Workers	435	(X)	116	(X)	319	389	442
Forms with—							
1 worker	32	22	22	31	31	27	29
2 workers	45	9	18	58	116	31	7
3 or 4 workers	38	10	30	27	90	34	19
5 to 9 workers	14	6	(D)	3	22	14	11
10 workers or more	7	1	(D)	4	60	7	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	225	(X)	202	(X)	159	(X)	139	(X)
Any cattle, hogs, or sheep	205	(X)	195	(X)	152	(X)	134	(X)
Sales:								
Any livestock or poultry and their products $1,000	208	6 240	214	4 919	159	6 079	141	4 754
Any cattle, hogs, or sheep $1,000	198	3 643	208	(NA)	155	3 584	139	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	180	9 955	173	11 536	133	9 432	123	10 716
Cows and heifers that had calved	135	5 065	141	6 166	101	4 805	108	5 863
Beef cows	103	3 003	97	3 643	75	2 843	73	3 428
Milk cows	60	2 062	67	2 523	47	1 962	49	2 435
Heifers and heifer calves	141	2 927	(NA)	(NA)	111	2 782	93	2 601
Steers, steer calves, bulls and bull calves	149	1 963	(NA)	(NA)	114	1 845	97	2 252
Sales:								
Cattle and calves	170	5 051	182	6 314	136	4 873	126	5 734
$1,000	(X)	1 739	(X)	(NA)	(X)	1 692	(X)	1 065
Calves	78	1 843	(NA)	(NA)	62	1 759	54	1 696
$1,000	(X)	433	(X)	(NA)	(X)	417	(X)	175
Cattle	144	3 208	(NA)	(NA)	120	3 114	112	4 038
$1,000	(X)	1 306	(X)	(NA)	(X)	1 275	(X)	889
Fattened cattle	17	143	(NA)	(NA)	12	124	17	309
$1,000	(X)	53	(X)	(NA)	(X)	46	(X)	77
Dairy products $1,000	34	2 460	(NA)	(NA)	33	(D)	38	2 172
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	23	148	15	87	12	89	9	68
Used or to be used for breeding	12	46	(NA)	(NA)	7	37	1	(D)
Other hogs and pigs	22	102	(NA)	(NA)	12	52	8	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	13	73	2	(D)	7	63	1	(D)
Dec. 1 of preceding year and May 31	10	44	2	(D)	7	39	1	(D)
June 1 and Nov. 30	11	29	1	(D)	7	24	1	(D)
Sheep and lambs	54	39 537	63	40 647	41	39 328	39	39 966
Ewes 1 year old or older	48	33 548	(NA)	(NA)	36	33 410	39	33 084
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	136	696	87	382	97	491	52	260
Sales:								
Hogs and pigs	16	521	6	335	10	486	6	335
$1,000	(X)	32	(X)	(NA)	(X)	29	(X)	(D)
Feeder pigs	5	(D)	1	(D)	3	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	48	29 787	57	33 340	37	29 645	39	32 908
Sheep and lambs shorn	48	34 022	(NA)	(NA)	36	33 866	37	32 009
Pounds of wool	(X)	357 933	(X)	(NA)	(X)	356 382	(X)	323 789
Sheep, lambs, and wool $1,000	52	1 872	(NA)	(NA)	39	1 863	40	1 052
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	21	47	14	34	15	33	11	26
$1,000	(X)	29	(X)	(NA)	(X)	23	(X)	7
POULTRY								
Inventory:								
Any poultry	24	(X)	21	(X)	12	(X)	14	(X)
Chickens 3 months old or older	21	453	21	62 516	11	285	14	62 323
Hens and pullets of laying age	21	413	20	(D)	11	245	14	(D)
Pullets 3 months old or older	3	40	(NA)	(NA)	3	40	1	(D)
Pullet chicks and pullets under 3 months old	4	90	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	6	230	3	250	1	(D)	2	(D)
Turkeys	2	(D)	(NA)	(NA)	–	–	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Sales:								
Any poultry	2	(X)	3	(X)	2	(X)	3	(X)
Chickens 3 months old or older	–	–	3	(D)	–	–	3	(D)
Hens and pullets of laying age	–	–	3	(D)	–	–	3	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	4	1	6	366	2	(D)	5	(D)

Table 10. **Crops: 1978 and 1974**

		All farms					Forms with sales of $2,500 or more				
		Harvested			Irrigated		Harvested			Irrigated	
		Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	14	524	(X)	(NA)	(NA)	13	(D)	(X)	13	513
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	302	3 401	11	302
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	(D)	(X)	3	211
Sorghums for all purposes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	10	36	1 261	10	36	4	11	411	4	11
	1974	51	885	18 873	(NA)	(NA)	37	855	17 657	27	363
Oats for grain (bushels)	1978	19	93	7 274	18	92	18	(D)	(D)	17	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	189	9 331	16	149
Barley for grain (bushels)	1978	91	1 709	108 773	89	1 670	70	1 526	101 097	68	1 487
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	80	1 261	72 129	71	1 138
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)	2	(D)	(X)	2	(D)
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	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	1	(Z)	(D)	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	218	10 214	26 150	213	9 821	155	8 962	23 977	151	8 606
	1974	209	10 664	27 326	(NA)	(NA)	140	9 498	24 808	126	8 569
Alfalfa hay (tons, dry)	1978	199	8 079	21 678	194	7 821	144	7 091	19 806	140	6 870
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	125	6 700	18 486	112	6 032
Other tame dry hay (tons, dry) (see text)	1978	20	518	1 123	20	508	17	486	1 078	17	476
Field seed crops	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	–	–	–	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(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	340	231 079	310	234 895	219	201 630	167	214 886
Average size of farm	(X)	680	(X)	758	(X)	921	(X)	1 287
Approximate land area	(X)	1 553 280	(X)	1 553 280	(X)	1 553 280	(X)	1 553 280
Proportion in farms ... percent	(X)	14.9	(X)	15.1	(X)	13.0	(X)	13.8
Value of land and buildings:[1]								
Average per farm ... dollars	216 000	(X)	138 648	(X)	258 851	(X)	196 868	(X)
Average per acre ... dollars	(X)	311	(X)	183	(X)	268	(X)	153
Land in farms according to use:								
Total cropland	303	33 445	283	51 040	196	29 198	152	43 649
Harvested cropland	263	13 380	239	11 218	172	12 047	141	10 102
By acres harvested:								
1 to 9 acres	90	441	77	(NA)	37	200	18	(NA)
10 to 19 acres	58	765	53	(NA)	37	488	22	(NA)
20 to 29 acres	33	706	26	(NA)	23	487	22	(NA)
30 to 49 acres	30	1 164	32	(NA)	25	968	30	(NA)
50 to 99 acres	25	1 672	20	(NA)	24	(D)	19	(NA)
100 to 199 acres	15	1 792	15	(NA)	15	1 792	15	(NA)
200 to 499 acres	8	(D)	15	(NA)	7	(D)	14	(NA)
500 to 999 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
1,000 acres or more	3	3 930	1	(NA)	3	3 930	1	(NA)
Cropland used only for pasture	135	12 874	157	13 606	89	10 592	79	9 757
Other cropland	72	7 191	77	26 216	50	6 559	50	23 790
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	11	(D)	(NA)	(NA)	9	(D)	13	19 433
Cropland on which all crops failed	3	(D)	(NA)	(NA)	3	(D)	3	89
Cropland in cultivated summer fallow	27	2 970	(NA)	(NA)	18	2 829	24	3 248
Cropland idle	50	3 108	(NA)	(NA)	33	2 687	17	1 020
Total woodland	16	4 447	22	4 301	10	3 927	16	3 445
Woodland pastured	11	3 172	(NA)	(NA)	8	(D)	13	3 113
Woodland not pastured	6	1 275	(NA)	(NA)	3	(D)	3	332
Other land	223	193 187	225	179 554	159	168 505	130	167 792
Pastureland and rangeland, other than cropland and woodland pastured	140	187 317	(NA)	(NA)	107	163 920	95	160 213
Land in house lots, ponds, roads, wasteland, etc	139	5 870	(NA)	(NA)	95	4 585	91	7 579
Pastureland, all types	241	203 363	(NA)	(NA)	168	177 609	(NA)	173 083
Irrigated land	280	13 090	236	10 802	184	11 196	135	8 965
Harvested cropland irrigated	246	7 937	(NA)	(NA)	161	6 766	127	7 102
Pastureland irrigated	102	5 007	(NA)	(NA)	63	4 339	(NA)	1 832
Other land irrigated	9	146	(NA)	(NA)	6	91	3	31
Land set aside in the federal farm programs in 1978	10	574	(X)	(X)	9	(D)	(X)	(X)

[1]1978 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]	340	7 360	310	4 488	219	7 127	167	4 241
Average per farm ... dollars	(X)	21 647	(X)	14 477	(X)	32 542	(X)	25 395
Farms by value of agricultural products sold:[1]								
$100,000 or more	11	3 321	8	(NA)	11	3 321	8	(NA)
$40,000 to $99,999	31	1 918	18	(NA)	31	1 918	18	(NA)
$20,000 to $39,999	29	796	26	(NA)	29	796	26	(NA)
$10,000 to $19,999	40	579	35	(NA)	40	579	35	(NA)
$5,000 to $9,999	42	288	33	(NA)	42	288	33	(NA)
$2,500 to $4,999	66	225	41	(NA)	66	225	41	(NA)
Less than $2,500 (see text)	116	126	146	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	20	43	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	20	34	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	29	35	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	47	14	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	107	3	(NA)	(X)	(X)	(X)	(X)
Crops	157	1 757	150	1 150	105	1 697	(NA)	1 066
Grains	40	220	(NA)	(NA)	34	216	41	331
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	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	77	317	(NA)	(NA)	54	290	40	230
Vegetables, sweet corn, and melons	8	(D)	(NA)	(NA)	7	(D)	9	(D)
Fruits, nuts, and berries	62	301	(NA)	(NA)	36	284	26	197
Nursery and greenhouse products	7	(D)	5	7	5	(D)	2	(D)
Other crops	19	169	(NA)	(NA)	17	(D)	29	270
Livestock, poultry, and their products	257	5 603	239	3 338	188	5 430	146	3 175
Poultry and poultry products	13	(D)	8	451	8	(D)	7	(D)
Dairy products	10	606	(NA)	(NA)	10	606	17	905
Cattle and calves	228	4 228	(NA)	(NA)	174	4 067	144	1 777
Hogs and pigs	11	(D)	(NA)	(NA)	5	(D)	7	4
Sheep, lambs, and wool	28	124	(NA)	(NA)	17	116	14	38
Other livestock and livestock products (see text)	27	37	(NA)	(NA)	19	34	2	(D)

[1]1974 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	340	310	231 079	263	144 692	13 380	280	156 581	10 783	13 090
Farms with—										
1 to 9 acres	46	44	215	36	182	134	36	184	123	155
10 to 49 acres	91	84	2 129	79	1 925	1 040	80	1 914	913	1 185
50 to 69 acres	19	15	1 088	15	864	358	19	1 088	358	498
70 to 99 acres	16	14	1 306	12	975	281	13	1 050	261	403
100 to 139 acres	21	15	2 450	16	1 912	758	16	1 895	754	816
140 to 179 acres	14	13	2 255	12	1 910	415	13	2 095	395	540
180 to 219 acres	10	10	2 020	8	1 596	440	7	1 396	410	523
220 to 259 acres	12	12	2 895	11	2 655	627	11	2 655	567	731
260 to 499 acres	42	25	15 128	29	10 410	2 136	33	12 188	1 926	3 063
500 to 999 acres	23	23	17 162	15	10 770	731	21	15 282	731	1 780
1,000 to 1,999 acres	12	31	14 722	10	12 628	548	10	12 628	548	726
2,000 acres or more	34	24	169 709	20	98 865	5 912	21	104 206	3 797	2 670

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	340	231 079	310	234 895	219	201 630	167	214 886
Harvested cropland	263	13 380	239	11 218	172	12 047	141	10 102
Tenure of operator:								
Full owners	243	74 779	223	59 701	145	66 857	110	46 098
Harvested cropland	186	7 810	(NA)	5 122	110	6 655	(NA)	4 212
Part owners	84	142 029	80	157 429	70	133 908	54	154 676
Harvested cropland	69	5 297	(NA)	4 893	58	5 166	(NA)	4 700
Tenants	13	14 271	7	17 765	4	865	3	14 112
Harvested cropland	8	273	(NA)	1 203	4	226	(NA)	1 190
Type of organization:								
Individual or family	279	126 194	(NA)	(NA)	174	117 196	146	141 241
Partnership	40	54 203	(NA)	(NA)	30	47 104	11	35 700
Corporation	13	36 392	(NA)	(NA)	12	(D)	9	(D)
Other—cooperative, estate or trust, institutional, etc.	8	14 290	(NA)	(NA)	3	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	153	155	119	97
Other	187	142	100	60
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	23	11	13	8
35 to 44 years	42	42	30	30
45 to 54 years	84	83	52	40
55 to 64 years	103	87	73	38
65 years and over	88	74	51	41
Average age	55.9	55.5	55.8	54.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	166	101	106	41
Not on farm operated	139	135	89	88
Not reported	35	61	24	28
Operators reporting days of work off farm:				
None	106	65	73	37
1 to 49 days	28	27	18	17
50 to 99 days	9	15	9	5
100 to 149 days	23	18	15	4
150 to 199 days	31	25	18	9
200 days or more	125	81	72	40

[1]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	114	1 206	126	593	102	1 103	72	509
Feed for livestock and poultry	241	1 230	218	1 149	167	1 191	121	1 096
Commercially mixed formula feeds	58	336	136	626	52	330	88	609
Animal health costs	172	33	(NA)	(NA)	137	30	83	35
Seeds, bulbs, plants, and trees	134	349	145	57	84	329	85	49
Commercial fertilizer	148	127	154	142	103	84	102	114
Other agricultural chemicals including lime	137	63	76	12	92	45	44	9
Hired farm labor	120	679	108	348	93	631	76	321
Contract labor	29	67	8	7	29	67	5	3
Customwork, machine hire, and rental of machinery and equipment	133	115	133	93	92	79	90	80
Energy and petroleum products	342	662	(NA)	(NA)	220	594	(NA)	(NA)
Petroleum products	337	509	301	273	220	450	166	235
Gasoline	327	276	(NA)	(NA)	210	233	158	172
Diesel fuel	131	166	(NA)	(NA)	88	155	86	38
LP gas, butane, and propane	24	38	(NA)	(NA)	19	38	26	5
Fuel oil	27	2	(NA)	(NA)	4	1	165	20
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	332	26	(NA)	(NA)	220	22		
Electricity	168	153	(NA)	(NA)	120	144	(NA)	(NA)
Other—coal, wood, coke, etc.	14	(Z)	(NA)	(NA)	9	(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	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	148	4 392	103	3 412	102	4 058
Cropland fertilized, except pasture	138	4 266	94	(D)	(NA)	3 884
Pasture and rangeland fertilized	11	126	10	(D)	(NA)	174
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	97	2 046	80	1 925	(NA)	545
Nematodes in crops	20	545	15	495	1	(D)
Diseases in crops and orchards	44	674	22	577	4	82
Weeds, grass, or brush in crops and pasture	42	2 829	19	1 850	(NA)	764
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	–	–	2	(D)
Insect control on livestock and poultry	43	(X)	27	(X)	7	(X)
Sanitation and rodent and bird control	17	(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	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	342	285	220	161
$1,000	6 760	4 061	4 720	2 922
Average per farm — dollars	19 766	14 249	21 454	18 149
Farms by value group:				
$1 to $4,999	71	54	55	16
$5,000 to $9,999	109	61	51	26
$10,000 to $19,999	68	101	46	58

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	27	45	11	39
$30,000 to $49,999	38	21	38	19
$50,000 to $69,999	8	2	3	2
$70,000 to $99,999	11		10	
$100,000 to $199,999	7	1	4	1
$200,000 or more	3		2	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	181	281	72	95	140	186	188	259	138
Motortrucks including pickups	294	520	110	130	225	390	255	442	156
Wheel tractors	267	406	53	62	242	344	245	378	83
Grain and bean combines, self-propelled only	17	19	1	(D)	16	(D)	17	17	3
Corn heads for combines	8	8	–	–	8	8	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	2	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	86	88	11	11	76	77	29	29	5
Pickup balers	102	103	9	9	93	94	92	95	21
Field forage harvesters, sheor bar or flywheel type	23	26	1	(D)	23	(D)	29	32	4

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	Forms	Workers	Forms	Workers	1978	1974
Farms	120	42	(X)	100	(X)	93	76
Workers	534	(X)	94	(X)	440	394	549
Farms with—							
1 worker	51	27	27	34	34	39	18
2 workers	12	4	8	13	26	9	14
3 or 4 workers	30	9	34	27	90	30	12
5 to 9 workers	7	1	(D)	8	46	1	12
10 workers or more	20	1	(D)	18	244	14	20

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	275	(X)	257	(X)	186	(X)	149	(X)
Any cattle, hogs, or sheep	257	(X)	238	(X)	178	(X)	145	(X)
Sales:								
Any livestock or poultry and their products $1,000	257	5 603	239	3 338	188	5 430	146	3 175
Any cattle, hogs, or sheep $1,000	241	(D)	222	(NA)	180	(D)	144	1 819
CATTLE AND CALVES								
Inventory:								
Cattle and calves	244	20 192	234	19 861	171	18 886	145	18 283
Cows and heifers that had calved	204	9 654	184	10 828	145	9 143	127	9 946
Beef cows	176	9 163	152	9 407	126	8 689	106	8 577
Milk cows	73	491	75	1 421	51	454	52	1 369
Heifers and heifer calves	198	3 859	(NA)	(NA)	146	3 648	122	3 988
Steers, steer calves, bulls and bull calves	210	6 679	(NA)	(NA)	145	6 095	128	4 349
Sales:								
Cattle and calves	228	12 859	207	10 392	174	12 079	144	9 629
$1,000	(X)	4 228	(X)	(NA)	(X)	4 067	(X)	1 777
Calves	142	5 552	(NA)	(NA)	112	5 428	93	4 375
$1,000	(X)	1 487	(X)	(NA)	(X)	1 466	(X)	500
Cattle	181	7 307	(NA)	(NA)	139	6 651	120	5 254
$1,000	(X)	2 741	(X)	(NA)	(X)	2 602	(X)	1 277
Fattened cattle	39	3 714	(NA)	(NA)	34	3 179	22	518
$1,000	(X)	1 564	(X)	(NA)	(X)	1 463	(X)	144
Dairy products $1,000	10	606	(NA)	(NA)	10	606	17	905
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	28	446	32	271	16	374	18	79
Used or to be used for breeding	9	54	(NA)	(NA)	4	42	4	5
Other hogs and pigs	27	392	(NA)	(NA)	15	332	17	74
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	9	44	12	54	4	32	4	6
Dec. 1 of preceding year and May 31	7	19	8	24	3	(D)	2	(D)
June 1 and Nov. 30	6	25	10	30	3	(D)	3	(D)
Sheep and lambs	31	2 473	38	2 166	20	2 246	14	1 717
Ewes 1 year old or older	30	2 055	(NA)	(NA)	19	1 942	14	1 375
Goats	6	16	(NA)	(NA)	1	(D)	–	–
Horses and ponies	153	595	115	337	111	476	55	176
Sales:								
Hogs and pigs	11	348	15	207	5	269	7	56
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	4
Feeder pigs	3	76	3	66	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	26	2 101	30	1 822	17	1 984	14	1 513
Sheep and lambs shorn	27	2 258	(NA)	(NA)	16	2 125	13	1 595
Pounds of wool	(X)	23 894	(X)	(NA)	(X)	22 501	(X)	16 390
Sheep, lambs, and wool $1,000	28	124	(NA)	(NA)	17	116	14	38
Goats	3	8	(NA)	(NA)	–	–	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	20	51	2	(D)	17	47	1	(D)
$1,000	(X)	32	(X)	(NA)	(X)	31	(X)	(D)
POULTRY								
Inventory:								
Any poultry	41	(X)	48	(X)	22	(X)	15	(X)
Chickens 3 months old or older	37	(D)	45	(D)	18	(D)	12	(D)
Hens and pullets of laying age	37	(D)	44	(D)	18	(D)	12	(D)
Pullets 3 months old or older	6	80	(NA)	(NA)	3	35	–	–
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	8	130	4	120	3	70	2	(D)
Turkeys	5	24 028	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	9	(X)	(NA)	(X)	7	(X)	2	(X)
Sales:								
Any poultry	11	(X)	7	(X)	7	(X)	6	(X)
Chickens 3 months old or older	2	(D)	4	(D)	1	(D)	3	(D)
Hens and pullets of laying age	2	(D)	4	(D)	1	(D)	3	(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)	–	–	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	4	(X)	(NA)	(X)	4	(X)	2	(X)
Poultry and poultry products $1,000	13	(D)	8	451	8	(D)	7	(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	9	30	(X)	9	30	4	22	(X)	4	22
	1974	4	60	(X)	(NA)	(NA)	4	60	(X)	4	60
For grain or seed (bushels)	1978	7	(D)	615	7	(D)	2	(D)	(D)	2	(D)
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	520	3	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	34	551	(X)	34	551	30	530	(X)	30	530
	1974	40	728	(X)	(NA)	(NA)	30	618	(X)	30	618
For grain or seed (bushels)	1978	22	367	20 956	22	367	19	348	20 053	19	348
	1974	20	306	19 898	(NA)	(NA)	12	222	13 498	12	222
For silage or green chop (tons, green)	1978	13	(D)	2 625	13	(D)	12	(D)	(D)	12	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	396	6 470	23	396
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	17	2 748	28 889	10	63	11	2 682	27 746	6	47
	1974	35	2 364	40 046	(NA)	(NA)	32	2 353	39 606	19	178
Oats for grain (bushels)	1978	7	58	1 725	6	48	5	(D)	(D)	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	22	550	–	–
Barley for grain (bushels)	1978	56	3 470	147 199	51	1 253	49	3 362	140 832	44	1 145
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	48	2 232	135 692	43	2 106
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	6	120	24 588	6	120	6	120	24 588	6	120
	1974	4	80	11 400	(NA)	(NA)	4	80	11 400	4	80
Sweetpotatoes (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	210	6 001	20 782	198	5 505	146	5 118	18 662	137	4 700
	1974	188	5 058	18 184	(NA)	(NA)	125	4 404	15 804	114	3 732
Alfalfa hay (tons, dry)	1978	187	4 537	16 432	179	4 244	126	3 887	14 909	120	3 624
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	114	3 368	12 478	106	2 911
Other tame dry hay (tons, dry) (see text)	1978	11	113	261	10	93	9	(D)	(D)	8	(D)
Field seed crops	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	8	32	(X)	8	32	7	(D)	(X)	7	(D)
	1974	21	70	(X)	(NA)	(NA)	10	36	(X)	10	36
Sweet corn	1978	4	5	(X)	4	5	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	7	(X)	4	7
Tomatoes	1978	3	3	(X)	3	3	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	3	3
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	99	594	(X)	96	544	46	326	(X)	44	319
	1974	64	335	(X)	(NA)	(NA)	30	248	(X)	29	243
Apples (pounds)	1978	43	122	403 534	(NA)	(NA)	23	96	368 420	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	117	775 889	(NA)	(NA)
Peaches (pounds)	1978	63	164	484 978	(NA)	(NA)	33	112	458 336	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	42	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	27	61	361 831	(NA)	(NA)	7	52	358 502	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	38	214 000	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	7	14	(X)	6	14	5	(D)	(X)	5	(D)
Other crops	1978	14	138	(X)	(NA)	(NA)	12	(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	
	Forms	Acres	Forms	Acres	Forms	Acres	Forms	Acres
Farms	181	96 086	146	107 568	158	48 514	110	50 263
Average size of farm	(X)	531	(X)	737	(X)	307	(X)	457
Approximate land area	(X)	1 591 040	(X)	1 591 040	(X)	1 591 040	(X)	1 591 040
Proportion in farms ... percent	(X)	6.0	(X)	6.8	(X)	3.0	(X)	3.2
Value of land and buildings:[1]								
Average per farm ... dollars	212 214	(X)	118 959	(X)	217 452	(X)	118 809	(X)
Average per acre ... dollars	(X)	365	(X)	161	(X)	591	(X)	260
Land in farms according to use:								
Total cropland	177	21 471	134	15 218	156	20 644	106	(D)
Harvested cropland	168	12 485	128	10 731	152	12 091	103	10 099
By acres harvested:								
1 to 9 acres	6	37	3	(NA)	3	20	–	(NA)
10 to 19 acres	22	329	12	(NA)	12	181	4	(NA)
20 to 29 acres	12	287	8	(NA)	11	(D)	3	(NA)
30 to 49 acres	31	1 218	19	(NA)	30	(D)	12	(NA)
50 to 99 acres	56	3 911	51	(NA)	56	3 911	49	(NA)
100 to 199 acres	35	4 581	28	(NA)	34	(D)	28	(NA)
200 to 499 acres	6	2 122	7	(NA)	6	2 122	7	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	91	8 014	68	3 338	81	7 652	59	(D)
Other cropland	37	972	39	1 149	33	901	27	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	2	(D)	(NA)	(NA)	2	(D)	–	–
Cropland on which all crops failed	8	146	(NA)	(NA)	8	146	3	(D)
Cropland in cultivated summer fallow	5	(D)	(NA)	(NA)	5	(D)	5	139
Cropland idle	26	714	(NA)	(NA)	22	643	25	607
Total woodland	6	410	5	1 297	6	410	3	(D)
Woodland pastured	5	(D)	(NA)	(NA)	5	(D)	1	(D)
Woodland not pastured	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Other land	121	74 205	114	91 053	107	27 460	85	35 931
Pastureland and rangeland, other than cropland and woodland pastured	63	70 068	(NA)	(NA)	57	23 702	52	34 328
Land in house lots, ponds, roads, wasteland, etc	97	4 137	(NA)	(NA)	86	3 758	66	1 603
Pastureland, all types	131	78 382	(NA)	(NA)	116	31 654	(NA)	37 511
Irrigated land	165	16 461	123	12 900	147	15 793	102	12 303
Harvested cropland irrigated	160	11 795	(NA)	(NA)	146	11 429	101	9 788
Pastureland irrigated	71	4 610	(NA)	(NA)	63	4 308	(NA)	(D)
Other land irrigated	5	56	(NA)	(NA)	5	56	2	(D)
Land set aside in the federal farm programs in 1978	12	98	(X)	(X)	12	98	(X)	(X)

[1]1978 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	
	Forms	Value ($1,000)	Forms	Value ($1,000)	Forms	Value ($1,000)	Forms	Value ($1,000)
Market value of agricultural products sold[1]	181	3 177	146	2 235	158	3 144	110	2 193
Average per farm ... dollars	(X)	17 553	(X)	15 308	(X)	19 896	(X)	19 936
Farms by value of agricultural products sold:[1]								
$100,000 or more	1	(D)	2	(NA)	1	(D)	2	(NA)
$40,000 to $99,999	18	(D)	11	(NA)	18	1 130	11	(NA)
$20,000 to $39,999	33	913	23	(NA)	33	913	23	(NA)
$10,000 to $19,999	38	520	31	(NA)	38	520	31	(NA)
$5,000 to $9,999	42	306	26	(NA)	42	306	26	(NA)
$2,500 to $4,999	26	102	13	(NA)	26	102	13	(NA)
Less than $2,500 (see text)	19	25	36	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	3	7	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	8	13	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	3	3	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	5	2	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	8	4	(NA)	(X)	(X)	(X)	(X)
Crops	48	205	52	249	39	189	(NA)	240
Grains	25	72	(NA)	(NA)	23	(D)	27	65
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	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	24	121	(NA)	(NA)	18	108	14	96
Vegetables, sweet corn, and melons	3	7	(NA)	(NA)	3	7	1	(D)
Fruits, nuts, and berries	6	(D)	(NA)	(NA)	4	(D)	1	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	2	(D)	(NA)	(NA)	2	(D)	10	(D)
Livestock, poultry, and their products	165	2 972	130	1 986	149	2 955	102	1 953
Poultry and poultry products	1	(D)	1	(D)	1	(D)	1	(D)
Dairy products	11	466	(NA)	(NA)	11	466	11	409
Cattle and calves	133	1 560	(NA)	(NA)	124	1 550	88	1 148
Hogs and pigs	44	281	(NA)	(NA)	40	279	23	21
Sheep, lambs, and wool	77	652	(NA)	(NA)	72	650	48	370
Other livestock and livestock products (see text)	16	(D)	(NA)	(NA)	13	(D)	2	(D)

[1]1974 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	181	146	96 086	168	49 387	12 485	165	48 128	11 900	16 461
Forms with—										
1 to 9 acres	3	5	13	2	(D)	(D)	3	13	(D)	12
10 to 49 acres	27	20	781	21	(D)	(D)	23	701	(D)	582
50 to 69 acres	17	14	981	17	981	747	16	931	737	748
70 to 99 acres	10	8	832	10	832	685	10	832	685	719
100 to 139 acres	26	22	3 066	24	2 810	1 663	25	2 946	1 638	1 908
140 to 179 acres	30	17	4 750	28	4 448	2 181	27	4 288	2 121	2 533
180 to 219 acres	14	14	2 808	14	2 808	885	11	2 212	740	1 043
220 to 259 acres	9	4	2 148	9	2 148	849	9	2 148	849	969
260 to 499 acres	26	20	9 132	26	9 132	2 364	24	8 482	2 019	3 338
500 to 999 acres	10	9	6 871	10	6 871	1 319	10	6 871	1 319	2 929
1,000 to 1,999 acres	4	6	6 034	4	6 034	1 102	4	6 034	1 102	1 493
2,000 acres or more	5	7	58 670	3	12 670	237	3	12 670	237	187

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	181	96 086	146	107 568	158	48 514	110	50 263
Harvested cropland	168	12 485	128	10 731	152	12 091	103	10 099
Tenure of operator:								
Full owners	142	25 529	124	25 467	125	24 215	93	22 434
Harvested cropland	133	8 525	(NA)	8 670	119	8 162	(NA)	8 072
Part owners	32	24 155	18	27 763	30	(D)	16	(D)
Harvested cropland	32	(D)	(NA)	1 971	30	(D)	(NA)	1 937
Tenants	7	46 402	4	54 338	3	(D)	1	(D)
Harvested cropland	3	(D)	(NA)	90	3	(D)	(NA)	90
Type of organization:								
Individual or family	149	40 120	(NA)	(NA)	132	39 038	101	45 345
Partnership	18	(D)	(NA)	(NA)	16	(D)	4	1 987
Corporation	10	(D)	(NA)	(NA)	10	(D)	5	2 931
Other—cooperative, estate or trust, institutional, etc.	4	46 276	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	101	93	97	85
Other	80	44	61	20
Operators by age group:				
Under 25 years	1	–	1	–
25 to 34 years	20	18	15	12
35 to 44 years	37	23	30	13
45 to 54 years	34	58	31	52
55 to 64 years	59	22	51	17
65 years and over	30	16	30	11
Average age	51.6	48.8	52.4	49.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	117	53	107	42
Not on farm operated	43	47	32	31
Not reported	21	37	19	32
Operators reporting days of work off farm:				
None	67	46	66	37
1 to 49 days	10	13	7	10
50 to 99 days	3	3	3	1
100 to 149 days	3	4	2	3
150 to 199 days	28	17	26	14
200 days or more	54	21	38	13

[1]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	109	386	61	549	99	382	51	544
Feed for livestock and poultry	142	521	100	436	126	516	80	423
Commercially mixed formula feeds	38	91	46	48	33	89	37	45
Animal health costs	144	33	(NA)	(NA)	136	32	66	22
Seeds, bulbs, plants, and trees	89	51	54	33	81	49	45	33
Commercial fertilizer	103	110	78	60	91	106	61	54
Other agricultural chemicals including lime	60	14	21	2	57	14	18	2
Hired farm labor	96	200	52	113	92	198	48	112
Contract labor	11	18	8	5	10	(D)	5	5
Customwork, machine hire, and rental of machinery and equipment	107	59	71	35	96	57	61	33
Energy and petroleum products	180	320	(NA)	(NA)	158	314	(NA)	(NA)
Petroleum products	180	263	144	174	158	258	110	165
Gasoline	178	182	(NA)	(NA)	157	179	109	126
Diesel fuel	123	59	(NA)	(NA)	120	58	74	25
LP gas, butane, and propane	11	2	(NA)	(NA)	11	2	8	2
Fuel oil	14	5	(NA)	(NA)	14	5		
Natural gas	–	–	(NA)	(NA)	–	–	110	12
Kerosene, motor oil, and grease	180	15	(NA)	(NA)	158	14		
Electricity	122	53	(NA)	(NA)	116	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	21	4	(NA)	(NA)	19	(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		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	103	4 915	91	4 615	61	2 743
Cropland fertilized, except pasture	101	4 521	91	4 385	(NA)	2 194
Posture and rangeland fertilized	14	394	11	230	(NA)	549
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	32	1 534	32	1 534	(NA)	413
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	4	88	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	30	698	30	698	(NA)	202
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	34	(X)	34	(X)	3	(X)
Sanitation and rodent and bird control	9	(X)	9	(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		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — forms	181	138	158	106
$1,000	5 270	2 800	4 517	2 255
Average per farm — dollars	29 116	20 290	28 587	21 274
Farms by value group:				
$1 to $4,999	18	15	10	8
$5,000 to $9,999	37	32	26	19
$10,000 to $19,999	42	34	41	31

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	25	26	24	22
$30,000 to $49,999	36	25	36	21
$50,000 to $69,999	8	4	8	4
$70,000 to $99,999	8		8	
$100,000 to $199,999	4	2	4	1
$200,000 or more	3		1	

	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	120	179	70	80	74	99	111	158	68
Motortrucks including pickups	166	302	92	101	120	201	119	232	69
Wheel tractors	162	297	41	50	145	247	120	227	51
Grain and bean combines, self-propelled only	39	39	5	5	34	34	16	16	4
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	4	4	–	–	4	4	2	(D)	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	85	85	21	21	64	64	27	27	10
Pickup balers	122	133	32	36	92	97	87	87	40
Field forage harvesters, shear bar or flywheel type	22	24	6	8	16	16	9	10	6

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	96	40	(X)	71	(X)	92	48
Workers	290	(X)	49	(X)	241	280	203
Farms with—							
1 worker	33	31	31	23	23	31	14
2 workers	32	9	18	22	44	32	9
3 or 4 workers	17	–	–	12	40	15	7
5 to 9 workers	8	–	–	8	48	8	12
10 workers or more	6	–	–	6	86	6	6

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	169	(X)	131	(X)	150	(X)	102	(X)
Any cattle, hogs, or sheep	161	(X)	131	(X)	146	(X)	102	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	165	2 972	130	1 986	149	2 955	102	1 953
Any cattle, hogs, or sheep ... $1,000	162	2 493	130	(NA)	148	2 478	102	1 539
CATTLE AND CALVES								
Inventory:								
Cattle and calves	136	12 648	113	14 929	125	12 513	91	14 437
Cows and heifers that had calved	126	7 757	101	7 853	118	7 675	84	7 614
Beef cows	102	7 190	83	7 162	96	7 115	71	6 942
Milk cows	59	567	50	691	54	560	43	672
Heifers and heifer calves	106	2 572	(NA)	(NA)	99	2 535	70	3 097
Steers, steer calves, bulls and bull calves	114	2 319	(NA)	(NA)	110	2 303	70	3 726
Sales:								
Cattle and calves	133	5 737	107	6 286	124	5 687	88	6 131
$1,000	(X)	1 560	(X)	(NA)	(X)	1 550	(X)	1 148
Calves	97	3 061	(NA)	(NA)	91	3 029	58	3 198
$1,000	(X)	743	(X)	(NA)	(X)	737	(X)	417
Cattle	90	2 676	(NA)	(NA)	86	2 658	64	2 933
$1,000	(X)	817	(X)	(NA)	(X)	813	(X)	731
Fattened cattle	21	383	(NA)	(NA)	21	383	13	558
$1,000	(X)	147	(X)	(NA)	(X)	147	(X)	179
Dairy products ... $1,000	11	466	(NA)	(NA)	11	466	11	409
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	49	2 518	32	350	45	2 472	28	318
Used or to be used for breeding	40	390	(NA)	(NA)	36	(D)	17	45
Other hogs and pigs	40	2 128	(NA)	(NA)	38	(D)	27	273
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	40	614	23	60	36	602	19	53
Dec. 1 of preceding year and May 31	37	303	16	33	33	(D)	14	(D)
June 1 and Nov. 30	33	311	14	27	31	(D)	12	(D)
Sheep and lambs	78	14 437	58	15 895	71	14 300	46	15 262
Ewes 1 year old or older	73	9 301	(NA)	(NA)	69	9 233	44	8 487
Goats	1	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	100	362	42	135	86	309	35	123
Sales:								
Hogs and pigs	44	3 386	25	456	40	3 326	23	(D)
$1,000	(X)	281	(X)	(NA)	(X)	279	(X)	21
Feeder pigs	10	648	11	187	8	(D)	9	(D)
$1,000	(X)	19	(X)	(NA)	(X)	(D)	(X)	3
Sheep and lambs	77	10 047	60	10 151	72	9 983	48	9 583
Sheep and lambs shorn	73	10 557	(NA)	(NA)	70	10 491	46	9 041
Pounds of wool	(X)	112 732	(X)	(NA)	(X)	112 072	(X)	96 815
Sheep, lambs, and wool ... $1,000	77	652	(NA)	(NA)	72	650	48	370
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	11	27	3	7	8	24	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	24	(X)	11	(X)	18	(X)	10	(X)
Chickens 3 months old or older	23	666	11	373	17	492	10	(D)
Hens and pullets of laying age	23	564	11	368	17	(D)	10	(D)
Pullets 3 months old or older	4	102	(NA)	(NA)	3	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	86	–	–	1	(D)	–	–
Turkeys	4	27	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	4	27	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	1	(D)
Other poultry	5	(X)	(NA)	(X)	2	(X)	–	(X)
Sales:								
Any poultry	1	(X)	–	(X)	1	(X)	–	(X)
Chickens 3 months old or older	1	(D)	–	–	1	(D)	–	–
Hens and pullets of laying age	1	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products ... $1,000	1	(D)	1	(D)	1	(D)	1	(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	6	117	(X)	6	117	6	117	(X)	6	117
	1974	5	513	(X)	(NA)	(NA)	5	513	(X)	5	513
For grain or seed (bushels)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	5	(D)	1 250	5	(D)	5	(D)	1 250	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	(D)	5 420	5	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
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	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	9	38	2 220	8	36	8	(D)	(D)	7	(D)
	1974	9	50	2 570	(NA)	(NA)	9	50	2 570	9	50
Oats for grain (bushels)	1978	35	312	20 400	33	304	33	(D)	(D)	32	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	212	11 636	23	180
Barley for grain (bushels)	1978	103	2 251	157 238	100	2 151	102	(D)	(D)	99	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	75	1 770	111 633	74	1 760
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	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	10	100	15 457	(NA)	(NA)	9	(D)	(D)	9	98
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Hay crops (tons, dry) (see text)	1978	159	10 142	26 023	150	9 567	144	9 766	25 383	137	9 211
	1974	122	8 035	22 528	(NA)	(NA)	100	7 581	21 566	98	7 312
Alfalfa hay (tons, dry)	1978	154	7 717	21 122	145	7 327	140	7 419	20 565	133	7 049
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	99	6 697	19 974	97	6 428
Other tame dry hay (tons, dry) (see text)	1978	13	432	954	12	332	13	432	954	12	332
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	3	12	(X)	3	12	3	12	(X)	3	12
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	8	51	(X)	7	46	6	(D)	(X)	6	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Apples (pounds)	1978	8	33	44 000	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	3	(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	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	777	205 236	712	215 421	502	190 050	434	202 538
Average size of farm	(X)	264	(X)	303	(X)	379	(X)	467
Approximate land area	(X)	371 840	(X)	371 840	(X)	371 840	(X)	371 840
Proportion in farms ... percent	(X)	55.2	(X)	57.9	(X)	51.1	(X)	54.5
Value of land and buildings:[1]								
Average per farm ... dollars	240 173	(X)	125 483	(X)	295 519	(X)	164 528	(X)
Average per acre ... dollars	(X)	961	(X)	415	(X)	813	(X)	353
Land in farms according to use:								
Total cropland	730	45 032	671	42 404	472	38 640	411	35 541
Harvested cropland	672	29 686	639	29 798	432	25 557	398	25 560
By acres harvested:								
1 to 9 acres	165	803	147	(NA)	52	238	30	(NA)
10 to 19 acres	161	2 184	128	(NA)	76	1 034	58	(NA)
20 to 29 acres	87	2 050	78	(NA)	65	1 545	56	(NA)
30 to 49 acres	89	3 351	114	(NA)	77	2 916	91	(NA)
50 to 99 acres	101	7 125	92	(NA)	96	6 734	86	(NA)
100 to 199 acres	49	6 798	65	(NA)	48	(D)	64	(NA)
200 to 499 acres	15	3 992	13	(NA)	14	(D)	11	(NA)
500 to 999 acres	5	3 383	1	(NA)	4	(D)	1	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	389	13 544	306	11 820	269	11 840	185	(D)
Other cropland	140	1 802	74	786	89	1 243	45	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	26	282	(NA)	(NA)	18	199	8	226
Cropland on which all crops failed	37	404	(NA)	(NA)	20	288	16	151
Cropland in cultivated summer fallow	27	223	(NA)	(NA)	16	112	6	(D)
Cropland idle	66	893	(NA)	(NA)	48	644	18	237
Total woodland	23	921	17	965	19	793	5	316
Woodland pastured	10	508	(NA)	(NA)	7	(D)	1	(D)
Woodland not pastured	16	413	(NA)	(NA)	14	(D)	4	(D)
Other land	476	159 283	504	172 052	329	150 617	339	166 681
Pastureland and rangeland, other than cropland and woodland pastured	166	155 204	(NA)	(NA)	125	147 703	178	162 722
Land in house lots, ponds, roads, wasteland, etc	400	4 079	(NA)	(NA)	265	2 914	284	3 959
Pastureland, all types	514	169 256	(NA)	(NA)	355	159 927	(NA)	172 049
Irrigated land	681	35 776	609	34 318	446	31 178	393	29 957
Harvested cropland irrigated	622	25 844	(NA)	(NA)	411	22 532	372	23 065
Pastureland irrigated	339	9 534	(NA)	(NA)	230	8 402	(NA)	6 784
Other land irrigated	42	398	(NA)	(NA)	28	244	9	108
Land set aside in the federal farm programs in 1978	55	360	(X)	(X)	44	328	(X)	(X)

[1]1978 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]	777	26 346	712	28 237	502	25 347	434	27 357
Average per farm ... dollars	(X)	33 907	(X)	39 659	(X)	50 492	(X)	63 035
Farms by value of agricultural products sold:[1]								
$100,000 or more	54	17 095	38	(NA)	54	17 095	38	(NA)
$40,000 to $99,999	71	4 553	62	(NA)	71	4 553	62	(NA)
$20,000 to $39,999	47	1 351	52	(NA)	47	1 351	52	(NA)
$10,000 to $19,999	81	1 144	81	(NA)	81	1 144	81	(NA)
$5,000 to $9,999	105	705	93	(NA)	105	705	93	(NA)
$2,500 to $4,999	144	499	99	(NA)	144	499	99	(NA)
Less than $2,500 (see text)	270	342	281	(NA)	(X)	(X)	9	(NA)
$2,000 to $2,499	45	98	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	67	115	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	81	96	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	77	33	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	657	6	(NA)	(X)	(X)	(X)	(X)
Crops	420	3 360	420	3 677	277	3 123	(NA)	3 345
Grains	199	476	(NA)	(NA)	155	404	158	541
Commodity Credit Corporation loans	11	5	(NA)	(NA)	9	(D)	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	232	714	(NA)	(NA)	141	595	130	648
Vegetables, sweet corn, and melons	61	685	(NA)	(NA)	44	668	34	467
Fruits, nuts, and berries	41	456	(NA)	(NA)	27	445	23	(D)
Nursery and greenhouse products	25	267	11	108	19	(D)	9	(D)
Other crops	39	760	(NA)	(NA)	37	(D)	50	1 373
Livestock, poultry, and their products	532	22 986	497	24 558	383	22 225	331	24 010
Poultry and poultry products	29	(D)	33	5 172	16	(D)	16	5 096
Dairy products	110	9 000	(NA)	(NA)	105	8 670	89	5 356
Cattle and calves	443	10 372	(NA)	(NA)	342	10 085	291	7 729
Hogs and pigs	50	(D)	(NA)	(NA)	35	(D)	29	132
Sheep, lambs, and wool	59	137	(NA)	(NA)	34	115	25	5 492
Other livestock and livestock products (see text)	92	351	(NA)	(NA)	59	317	54	205

[1]1974 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							
				Forms with harvested cropland			Forms with irrigated land			
	1978	1974	Acres in farms	Forms	Acres in farms	Harvested cropland	Forms	Acres in farms	Harvested cropland	Irrigated land
All farms	777	712	205 236	672	186 395	29 686	681	187 749	28 384	35 776
Farms with—										
1 to 9 acres	131	98	605	87	439	321	89	476	299	370
10 to 49 acres	327	287	7 974	286	7 132	4 401	293	7 174	4 134	5 400
50 to 69 acres	69	66	3 949	65	3 714	2 255	67	3 830	2 255	2 636
70 to 99 acres	66	54	5 345	61	4 948	2 788	61	4 929	2 621	3 408
100 to 139 acres	56	68	6 361	54	6 152	3 441	52	5 912	3 344	4 257
140 to 179 acres	25	37	3 860	25	3 860	2 189	25	3 860	2 189	2 390
180 to 219 acres	27	27	5 431	25	5 050	2 183	24	4 834	2 174	2 761
220 to 259 acres	18	19	4 219	18	4 219	1 607	18	4 219	1 607	2 324
260 to 499 acres	30	19	10 378	29	10 058	4 855	28	9 852	4 415	5 153
500 to 999 acres	13	25	8 989	11	7 725	3 446	13	8 989	3 446	4 861
1,000 to 1,999 acres	6	6	8 900	6	8 900	1 589	5	7 460	1 289	1 208
2,000 acres or more	9	6	139 225	5	124 198	611	6	126 214	611	1 008

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

	All forms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	777	205 236	712	215 421	502	190 050	434	202 538
Harvested cropland	672	29 686	639	29 798	432	25 557	398	25 560
Tenure of operator:								
Full owners	477	40 064	460	48 994	263	32 250	233	39 232
Harvested cropland	398	10 497	(NA)	14 705	210	7 296	(NA)	11 212
Part owners	251	162 120	208	163 570	202	154 958	168	160 697
Harvested cropland	230	17 344	(NA)	13 865	188	16 556	(NA)	13 159
Tenants	49	3 052	44	2 857	37	2 842	33	2 609
Harvested cropland	44	1 845	(NA)	1 228	34	1 705	(NA)	1 189
Type of organization:								
Individual or family	661	100 612	(NA)	(NA)	416	93 009	389	80 371
Partnership	84	21 454	(NA)	(NA)	64	16 900	27	40 568
Corporation	16	79 616	(NA)	(NA)	16	79 616	14	81 381
Other—cooperative, estate or trust, institutional, etc.	16	3 554	(NA)	(NA)	6	525	4	218

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	312	319	262	255
Other	465	369	240	161
Operators by age group:				
Under 25 years	3	6	2	5
25 to 34 years	52	46	35	26
35 to 44 years	142	99	78	61
45 to 54 years	217	166	138	100
55 to 64 years	212	260	144	151
65 years and over	151	111	105	73
Average age	53.2	53.9	53.9	54.0

	All farms		Forms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	563	455	373	278
Not on farm operated	144	124	88	70
Not reported	70	109	41	68
Operators reporting days of work off farm:				
None	255	162	200	127
1 to 49 days	40	20	24	13
50 to 99 days	13	39	10	20
100 to 149 days	22	20	15	7
150 to 199 days	40	41	31	26
200 days or more	378	293	196	136

[1]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 forms				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	404	5 598	281	7 494	285	5 477	180	7 334
Feed for livestock and poultry	491	6 200	446	11 387	346	5 930	283	11 086
Commercially mixed formula feeds	146	4 353	303	7 951	118	4 256	209	7 793
Animal health costs	440	202	(NA)	(NA)	302	183	246	505
Seeds, bulbs, plants, and trees	350	241	436	180	249	214	280	160
Commercial fertilizer	352	444	349	487	263	415	273	459
Other agricultural chemicals including lime	314	136	299	116	239	127	219	111
Hired farm labor	372	1 264	319	1 218	323	1 181	232	1 170
Contract labor	69	167	45	66	51	162	38	64
Customwork, machine hire, and rental of machinery and equipment	432	267	422	330	281	225	274	293
Energy and petroleum products	766	965	(NA)	(NA)	500	870	(NA)	(NA)
Petroleum products	766	732	690	558	500	662	428	506
Gasoline	738	432	(NA)	(NA)	489	388	407	314
Diesel fuel	359	179	(NA)	(NA)	290	166	252	133
LP gas, butane, and propane	52	15	(NA)	(NA)	45	12	23	4
Fuel oil	39	7	(NA)	(NA)	33	(D)	426	55
Natural gas	49	41	(NA)	(NA)	47	(D)		
Kerosene, motor oil, and grease	766	59	(NA)	(NA)	500	51		
Electricity	325	225	(NA)	(NA)	259	206	(NA)	(NA)
Other—coal, wood, coke, etc.	31	7	(NA)	(NA)	8	3	(NA)	(NA)

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

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

	All farms		Forms with sales of $2,500 or more			
	1978		1978		1974	
	Forms	Acres on which used	Forms	Acres on which used	Forms	Acres on which used
Commercial fertilizer	320	14 594	232	13 010	273	15 177
Cropland fertilized, except pasture	314	12 831	226	11 521	(NA)	12 615
Pasture and rangeland fertilized	45	1 763	37	1 489	(NA)	2 562
Lime	–	–	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	118	4 292	90	3 575	(NA)	4 353
Nematodes in crops	36	822	36	822	20	878
Diseases in crops and orchards	64	1 614	28	1 356	10	197
Weeds, grass, or brush in crops and pasture	178	6 981	158	6 620	(NA)	4 395
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	16	436	9	365	5	47
Insect control on livestock and poultry	126	(X)	99	(X)	46	(X)
Sanitation and rodent and bird control	52	(X)	39	(X)	(NA)	(X)

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

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

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment — farms	766	676	500	411
$1,000	15 406	11 947	13 355	9 355
Average per farm — dollars	20 112	17 673	26 710	22 762
Forms by value group:				
$1 to $4,999	144	133	78	58
$5,000 to $9,999	274	176	93	85
$10,000 to $19,999	127	172	116	95

	All farms		Forms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	105	72	100	56
$30,000 to $49,999	40	78	40	75
$50,000 to $69,999	17	29	17	27
$70,000 to $99,999	32		31	
$100,000 to $199,999	22	16	21	15
$200,000 or more	5		4	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Forms	Number	Forms	Number	Forms	Number	Forms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	455	723	205	250	318	473	475	721	382
Motortrucks including pickups	631	1 038	223	268	491	770	573	1 061	359
Wheel tractors	642	1 091	159	213	555	878	608	1 141	209
Grain and bean combines, self-propelled only	14	17	–	–	14	17	22	28	2
Corn heads for combines	3	4	1	(D)	2	(D)	6	6	3
Other cornpickers and picker-shellers	–	–	–	–	–	–	6	6	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	236	237	72	72	165	165	136	137	37
Pickup balers	315	327	121	122	197	205	269	277	59
Field forage harvesters, shear bar or flywheel type	93	103	45	47	49	56	86	100	41

Table 8. **Hired Farm Workers: 1978 and 1974**

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

	Hired workers—All farms, 1978					Any hired workers—Forms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Forms	Workers	Forms	Workers	1978	1974
Forms	372	95	(X)	349	(X)	323	232
Workers	1 782	(X)	222	(X)	1 560	1 638	1 815
Farms with—							
1 worker	90	49	49	89	89	64	62
2 workers	73	24	48	58	116	66	21
3 or 4 workers	73	11	39	83	268	71	35
5 to 9 workers	94	9	(D)	84	528	81	64
10 workers or more	42	2	(D)	35	559	41	50

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	595	(X)	530	(X)	396	(X)	329	(X)
Any cattle, hogs, or sheep	499	(X)	477	(X)	348	(X)	307	(X)
Sales:								
Any livestock or poultry and their products $1,000	532	22 986	497	24 558	383	22 225	331	24 010
Any cattle, hogs, or sheep $1,000	477	(D)	443	(NA)	353	(D)	305	13 353
CATTLE AND CALVES								
Inventory:								
Cattle and calves	477	32 513	464	34 223	338	30 222	301	30 919
Cows and heifers that had calved	348	12 648	349	13 043	258	11 692	238	11 694
Beef cows	227	5 548	239	6 923	155	4 857	147	5 834
Milk cows	162	7 100	160	6 120	134	6 835	117	5 860
Heifers and heifer calves	335	10 132	(NA)	(NA)	262	9 543	229	10 472
Steers, steer calves, bulls and bull calves	393	9 733	(NA)	(NA)	282	8 987	243	8 753
Sales:								
Cattle and calves	443	24 441	413	26 323	342	23 634	291	25 221
$1,000	(X)	10 372	(X)	(NA)	(X)	10 085	(X)	7 729
Calves	180	3 414	(NA)	(NA)	139	3 192	109	3 292
$1,000	(X)	655	(X)	(NA)	(X)	623	(X)	361
Cattle	393	21 027	(NA)	(NA)	312	20 442	266	21 929
$1,000	(X)	9 717	(X)	(NA)	(X)	9 463	(X)	7 368
Fattened cattle	92	11 476	(NA)	(NA)	70	11 418	57	11 988
$1,000	(X)	5 962	(X)	(NA)	(X)	5 938	(X)	4 667
Dairy products $1,000	110	9 000	(NA)	(NA)	105	8 670	89	5 356
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	65	1 044	65	1 610	43	928	35	1 431
Used or to be used for breeding	26	121	(NA)	(NA)	17	104	21	132
Other hogs and pigs	59	923	(NA)	(NA)	39	824	33	1 299
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	28	142	31	296	17	118	23	269
Dec. 1 of preceding year and May 31	20	74	21	132	11	55	18	120
June 1 and Nov. 30	20	68	29	164	16	63	21	149
Sheep and lambs	57	4 469	67	13 120	32	3 941	25	11 844
Ewes 1 year old or older	55	2 866	(NA)	(NA)	31	2 487	23	4 269
Goats	5	18	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	340	1 596	252	1 407	218	1 003	147	988
Sales:								
Hogs and pigs	50	1 118	44	2 139	35	960	29	1 957
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	132
Feeder pigs	10	107	11	433	8	(D)	8	331
$1,000	(X)	3	(X)	(NA)	(X)	(D)	(X)	5
Sheep and lambs	52	1 993	55	119 443	30	1 617	23	118 573
Sheep and lambs shorn	53	2 486	(NA)	(NA)	29	2 154	23	59 116
Pounds of wool	(X)	23 292	(X)	(NA)	(X)	20 122	(X)	377 099
Sheep, lambs, and wool $1,000	59	137	(NA)	(NA)	34	115	25	5 492
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	73	211	74	237	48	167	48	184
$1,000	(X)	202	(X)	(NA)	(X)	174	(X)	121
POULTRY								
Inventory:								
Any poultry	77	(X)	71	(X)	38	(X)	30	(X)
Chickens 3 months old or older	69	30 819	68	29 802	33	22 686	27	20 234
Hens and pullets of laying age	68	(D)	66	27 661	32	(D)	27	(D)
Pullets 3 months old or older	5	(D)	(NA)	(NA)	3	(D)	1	(D)
Pullet chicks and pullets under 3 months old	6	6 372	(NA)	(NA)	3	(D)	–	–
Broilers and other meat-type chickens	11	254	11	803	2	(D)	4	334
Turkeys	4	34	(NA)	(NA)	1	(D)	3	160 029
Turkeys for slaughter	4	34	(NA)	(NA)	1	(D)	3	160 029
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	20	(X)	(NA)	(X)	11	(X)	3	(X)
Sales:								
Any poultry	19	(X)	19	(X)	11	(X)	8	(X)
Chickens 3 months old or older	11	18 412	16	19 828	5	14 352	5	15 400
Hens and pullets of laying age	11	18 412	16	19 828	5	14 352	5	15 400
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	150	2	(D)	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	4	(X)	2	(X)
Poultry and poultry products $1,000	29	(D)	33	5 172	16	(D)	16	5 096

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	177	6 057	(X)	177	6 057	156	5 822	(X)	156	5 822
	1974	227	5 937	(X)	(NA)	(NA)	178	5 568	(X)	178	5 568
For grain or seed (bushels)	1978	22	275	23 242	22	275	18	256	22 021	18	256
	1974	23	347	33 494	(NA)	(NA)	20	(D)	33 019	20	(D)
For silage or green chop (tons, green)	1978	164	5 782	104 191	164	5 782	146	5 566	101 083	146	5 566
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	169	5 195	94 394	169	5 195
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sorghums for all purposes	1978	3	104	(X)	3	104	2	(D)	(X)	2	(D)
	1974	8	81	(X)	(NA)	(NA)	6	(D)	(X)	6	77
For grain or seed (bushels)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	49	636	4	(D)
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	86	1 685	73 131	74	940	74	1 606	69 848	65	886
	1974	160	2 286	114 553	(NA)	(NA)	116	1 977	99 949	104	1 563
Oats for grain (bushels)	1978	38	274	15 743	36	254	29	207	12 568	28	197
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	205	10 916	18	187
Barley for grain (bushels)	1978	235	4 149	265 634	218	3 678	176	3 504	229 372	167	3 173
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	148	2 220	127 196	129	1 996
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)	4	95	(X)	4	95
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	12	57	10 164	12	57	11	(D)	(D)	11	(D)
	1974	20	121	20 796	(NA)	(NA)	16	117	20 160	16	115
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	539	14 987	50 862	488	12 433	345	11 994	43 849	322	10 064
	1974	505	15 763	47 764	(NA)	(NA)	329	12 985	40 540	291	11 260
Alfalfa hay (tons, dry)	1978	497	12 733	45 768	450	10 470	323	10 410	39 720	301	8 653
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	292	8 612	31 349	258	7 247
Other tame dry hay (tons, dry) (see text)	1978	52	724	1 447	45	560	29	515	1 079	25	400
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	140	(X)	5	40
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	40	1 830	5	40
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	61	566	(X)	61	566	44	523	(X)	44	523
	1974	48	575	(X)	(NA)	(NA)	34	528	(X)	33	523
Sweet corn	1978	21	56	(X)	21	56	16	45	(X)	16	45
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	51	(X)	6	50
Tomatoes	1978	16	30	(X)	16	30	11	28	(X)	11	28
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	25	(X)	10	25
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Land in orchards	1978	71	554	(X)	65	514	37	420	(X)	32	392
	1974	50	454	(X)	(NA)	(NA)	23	354	(X)	19	335
Apples (pounds)	1978	39	105	278 608	(NA)	(NA)	16	64	246 653	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	33	208 518	(NA)	(NA)
Peaches (pounds)	1978	42	106	450 446	(NA)	(NA)	17	73	414 566	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	55	243 312	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	7	2 470	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	5	1	(X)	5	1	1	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	2	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	25	41	(X)	15	39	19	40	(X)	13	(D)
Other crops	1978	29	1 706	(X)	(NA)	(NA)	28	(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 statisticans. 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 understate 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 agricultural 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, co-operatives, prison farms, grazing associations, and Indian reservations. For 1978, characteristics and occupation of the senior partner or person in charge were collected from all farms, regardless of the type of organization.

Other type of organization—This category includes cooperatives, estates or trusts, prison farms, grazing associations, and Indian reservations.

Market value of agricultural products sold—This item represents the gross market value, before taxes and expenses, of all agricultural products sold in the census year including livestock and poultry and their products, and crops including nursery products and hay. The data include landlords' and contractors' shares. The 1974 and 1969 data include sales of forest products.

Farms with value of agricultural products sold less than $2,500—In 1978, this category includes all farms, except abnormal farms, with sales less than $2,500. In 1969 and 1974, farms reporting sales less than $2,500 but having the production potential for sales of $2,500 and over are included in the category farms with sales of $2,500 and over. In frequency distributions, the 1969 and 1974 farms with potential sales of $2,500 and over are included in the $2,500 to $4,999 sales group.

Other livestock and livestock products—Production of fish and laboratory animals is included in this category in 1974 and 1978; whereas, production of these items was excluded entirely from the 1969 census.

Poultry hatched—For 1978, this category includes all poultry hatched during the year that were placed or sold; whereas for 1974, it only included poultry sold. Incubator egg capacity on December 31, 1978, is tabulated under the column heading Inventory and the number of poultry hatched is under the heading Sales.

Worms—For 1978, the production of worms was separately identified; whereas for 1974, it was not. Inventory consists of the number of standard worm beds in production. A standard worm bed was considered to be 24 cubic feet measuring 8 feet by 3 feet by 1 foot. Sales of worms are shown in pounds. Worm casting sales are included in livestock products sold.

Hay crops (tons, dry)—Data shown for hay represent all hay crops, including grass silage and hay crops cut and fed green. In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Other tame dry hay—The 1974 categories clover-timothy hay, lespedeza hay, coastal Bermuda grass hay, and other hay have been combined into "other tame dry hay" in 1978.

All vegetables harvested for sale—In 1978 and 1969, the acres of vegetables harvested is the summation of the acres of individual vegetables harvested; while in 1974, it is the total land used for vegetable crops.

Land used for vegetables—Data are the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Grapes (pounds)—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds fresh weight.

All nursery and greenhouse products—Data are a summation of the individual items presented.

Excludes abnormal farms—Abnormal farms include institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

Farms by standard industrial classification—See explanation under Farm Classifications.

FARM CLASSIFICATIONS

State tables 29 through 35 present detailed 1978 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. In 1974, comparable detailed data were tabulated only for farms with sales of $2,500 or more. Other tables include data classified by value of sales groups, or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales—In a number of State and county tables, data are shown separately for all farms and for farms with sales of $2,500 or more, and for various value of agricultural products sold or value of sales size groups.

For 1978, all farms except abnormal farms have been tabulated by size based on reported sales. Thus, the category "farms with sales of $2,500 or more" includes only farms with actual sales of $2,500 or more. For 1969 and 1974, farms reporting sales of less than $2,500 but having the production potential for sales of $2,500 or more are included in most tables under the category farms with sales of $2,500 or more based on potential sales.

In 1969, 1974, and 1978, abnormal farms were not tabulated based on actual or potential sales. Detailed data for abnormal farms are included in all farm data shown in State table 34, but are excluded from totals for all farms shown in other State tables 29 through 35. Otherwise, data for abnormal farms are included in totals for all farms, but are excluded from totals for farms with sales of $2,500 or more.

In 1969 and earlier censuses, data were classified into nine groups referred to as "economic classes." For farms with sales of $2,500 or more, the value-of-products-sold classifications used in 1974 and 1978 are the same as the value ranges used for establishing economic classes 1 through 5. Data for farms with sales of less than $2,500, classified in 1969 and earlier censuses as class 6, part time and part retirement, are not directly comparable to the 1974 and 1978 value-of-product classes because of the change in farm definition and modifications in farm classification.

Farms by tenure of operator—The classifications of tenure used for both the 1978 and 1974 censuses are:

Full owners, who operate only land they own.
Part owners, who operate land they own and also land they rent from others.
Tenants, who operate only land they rent from others or work on shares for others.

Detailed 1978 data by tenure of operator are shown in State table 29 for all farms, excluding abnormal farms, and for farms with sales of $2,500 or more.

Farms by type of organization—The 1978 Census of Agriculture was the first census in which all farms were classified by type of organization. In the 1969 and 1974 censuses, these data were collected and tabulated only for farms with sales of $2,500 or more.

The classifications used were:

Individual or family operation (sole proprietorship), excluding partnership and corporation.
Partnership operation, including family partnership.
Corporation, including family corporation.
Other, such as cooperative, estate or trust, institutional farm, etc.

For 1978, corporations were subclassified by two additional characteristics into:

a. Family held.
   Other than family held.
b. More than 10 stockholders.
   10 or less stockholders

These subclassifications were not used in the 1974 Census of Agriculture. However, somewhat similar classifications were obtained in a follow-on survey of all corporations identified in the census, which were published in volume IV, part 5 of the 1974 Census of Agriculture. This survey collected detailed information on family and nonfamily corporations, number of shareholders, and other classifications and characteristics of corporations at both the firm (company) and farm levels. In the 1969 census, corporations were classified only by number of shareholders; those having more than 10 or those having 10 or fewer shareholders.

Caution should be exercised when comparing 1978 corporation data to those of the 1974 survey and the 1969 census. For the 1974 survey, respondents were given a choice of four kinds of corporations from which to select the one that best described their operation: Family corporation, independent corporation, parent corporation (with one or more subsidiaries), and subsidiary of another corporation. Classification rules used prevented an independent, parent, or subsidiary corporation from being classified as a family corporation. The two-way choice of family held or other than family held used in 1978 has resulted in a decrease in the number and proportion of nonfamily held corporations reported.

A followup study of the 1969 data indicated that a sizable number of farms were incorrectly reported as corporations, especially in the Southern States. The 1974 survey was used to identify and correct the misreporting of corporations in that

census. In the 1978 census, some reports incorrectly had both individual or family operation (sole proprietorship) and family held corporation indicated. These reports were reviewed during the processing phase and resolved based on whether or not the respondent operated under a corporate name, had reported as a corporation in the 1974 census, or was shown to be a corporation on one or more of the administrative records used in developing the census mail list.

Farms by age and principal occupation of operator—Data on age and principal occupation were obtained from all operators for 1978. In 1974, these data were collected only for all farms with sales of less than $2,500 and for farms with sales of $2,500 or more operated by individuals (sole proprietorships) and partnerships. Detailed characteristics are shown by six age-of-operator groups in combination with occupation information for all farms in State table 31 and for farms with sales of less than $20,000 in State table 32. The principal occupation classifications used for 1978 were:

Farming—The operator spent 50 percent or more of his worktime in 1978 in farming or ranching.

Other— The operator spent 50 percent or more of his worktime in 1978 in occupations other than farming. Some operators engaged in ranching marked "other" as their principal occupation. Most such obvious errors were corrected during processing.

Farms by size—All farms were classified by size according to the total land area in each operation. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's. Detailed characteristics of all farms by 12 size-of-farm groups are presented in State table 33.

Farms by standard industrial classification— As in the 1974 census, agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) are classified by the Standard Industrial Classification (SIC) system in the 1978 census. These classifications, found in the 1972 SIC Manual, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 3- or 4-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment was less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group; otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

All farms in the 1978 census were classified by SIC. In the 1974 census, farms with sales of less than $2,500 were not classified by SIC. In 1978, those agricultural producers having no sales reported were retained as farms and classified as general livestock farms in industry 0291 if livestock or pasture were reported or as general crop farms in industry 0191. Characteristics of all farms by selected SIC groupings are shown in State tables 11 and 35. Additional and more complete 1978 data for various SIC classifications are published in volume 2, part 8.

UNPUBLISHED DATA

Additional data have been assembled in a series of unpublished tables. The unpublished State table "Summary by Standard Industrial Classification of Farms by Value of Sales: 1978" has a format similar to State table 34. The largest size group in the boxhead is $100,000 or more. Data are shown for the following SIC groupings:

Cash grain farms (011)
Field crop farms except cash grain farms (013)
Cotton farms (0131)
Tobacco farms (0132)
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133)
Vegetable and melon farms (016)
Fruit and tree nut farms (017)
Horticultural specialty farms (018)
General farms, primarily crop (019)
Livestock farms except dairy, poultry, and animal specialty (021)
Beef cattle farms, except feedlots (0212)
Dairy farms (024)
Poultry and egg farms (025)
Animal specialty farms (027)
General farms, primarily livestock (0291)

The following unpublished county summary tables include data tabulated by detailed size groupings:

Farms by Size of Farm: 1978 and 1974
Acreage and Value of Owned and Rented Land: 1978
Farms by Acres of Cropland Harvested: 1978 and 1974
Place of Residence of Operator by Occupation and Off-Farm Work: 1978
Hired Farm Labor by Number of Hired Workers: 1978
Farms by Expenses for Hired Farm or Contract Labor: 1978
Broilers Sales by Number Sold Per Farm: 1978
Cows and Heifers That Had Calved—Inventory by Number Per Farm: 1978
Beef Cows Inventory by Number Per Farm: 1978
Milk Cows Inventory by Number Per Farm: 1978
Cattle and Calves Inventory by Number Per Farm: 1978
Cattle and Calves Sales by Number Sold Per Farm: 1978
Fattened Cattle Sales by Number Sold Per Farm: 1978
Hogs and Pigs Inventory by Number Per Farm: 1978
Hogs and Pigs Sales by Number Sold Per Farm: 1978
Feeder Pigs Sales by Number Sold Per Farm: 1978
Other Hogs and Pigs Sales by Number Sold Per Farm: 1978
Sheep and Lambs Inventory by Number Per Farm: 1978
Sheep and Lambs Sales by Number Sold Per Farm: 1978

Data similar to that shown in State table 28 for the acreages of crops harvested and production by acreage size have been summarized at the county level, but have not been tabulated.

These summaries can be tabulated at a minimal cost depending on the detail of data requested.

For information on the availability and cost of unpublished tabulations, please write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

NONSAMPLING ERRORS

Every census or survey is subject to errors. In addition to sampling variability, errors may arise from such sources as incorrect or incomplete reporting, processing, and the inability to obtain a report from each eligible reporting unit. Sampling variability is discussed in Statistical Adjustments.

Reported data in the census may be incorrect as a result of the misunderstanding of questions or because of the use of estimates in reporting. During processing, adjustments were made to data items which appeared to be inconsistent with other items reported for the same farm.

Respondents may have failed to provide all of the information requested. In some cases, the respondent may have indicated the presence of an item but not the amount. Imputations were made for missing data on the quantities and sales of crops and livestock but no imputations were made for place of residence or foreign ownership of land.

Careful efforts were made to keep errors introduced during clerical and electronic processing to a controlled level through the use of quality control, verification, and check measures on specific operations.

Extreme values in the direct enumeration sample (those contributing a substantial proportion of the estimated total) were reviewed individually and sometimes reduced. This will result in a possible downward bias in estimated totals.

Inclusion of the direct enumeration sample in 1978 resulted in a matching operation to identify names and addresses included in both the direct enumeration sample and the mail list. This matching operation was subjected to critical review and verification, including telephone calls to most respondents in the direct enumeration sample who were not matched in normal processing. Duplicates which were not identified during the matching process will result in an upward bias in estimated totals.

An adjustment was made for nonrespondent operations on the mail list. This adjustment employed sampling of both nonrespondent and respondent cases and variation from the adjustment is measured in sampling error; however, any systematic bias is not measured.

An evaluation of coverage is being conducted to measure the extent of undercount or overcount of farms in the census. A description of this evaluation is included in Census Coverage.

CENSUS COVERAGE

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this aim difficult to achieve. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agricultural operations, the difficulty of locating and identifying some types of farms, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census.

An evaluation of coverage has been conducted for each census of agriculture since 1945. Although the primary purpose of these evaluations is to identify problem areas and supply evidence as a basis for improvements, they also provide users of census data with estimates of the completeness of census counts. The results of the coverage evaluation study were published for the 1974 census in Volume IV, **Special Reports,** part 3. This report included estimates of the net percentage of all farms missed in the census. 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, programed 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 123 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	7.6
Land in farms	2.1
Value of agricultural products sold	3.3
Harvested cropland	5.6
Corn for grain or seed acres	5.7
Wheat for grain acres	4.2
Inventory:	
Cattle and calves	4.0
Hens and pullets of laying age	.2
Hogs and pigs	7.2

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 components of variation arising from the mail list sample. The approximate standard error in percent may be read directly from the table based on the number of farms reporting the item. For a number of farms not shown in the table, a linear interpolation will provide a reasonable approximation. These estimates should not be applied to counties indicated to be certainty in table 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	number	13,833	0.8	9,748	0.6
Land in farms	acres	10,517,668	.3	8,679,520	.4
Harvested cropland	farms	11,663	1.0	8,529	.6
	acres	1,174,703	.4	1,111,201	.4
Irrigated land	farms	11,655	1.0	8,355	.7
	acres	1,185,315	.4	1,095,312	.4
Agricultural products sold	farms	13,833	.9	9,748	.6
	$1,000	468,195	.5	456,689	.5
Crops	farms	6,742	1.1	5,103	.8
	$1,000	102,608	1.4	99,873	1.4
Livestock, poultry, and their products	farms	10,246	1.0	7,742	.7
	$1,000	365,588	.5	356,817	.5
Value of machinery and equipment	farms	13,772	1.0	9,873	.8
	$1,000	379,093	1.4	341,537	1.5
Average value of land and buildings per farm	dollars	303,763	1.3	357,757	1.3
Corn for grain or seed	farms	513	2.1	446	1.8
	acres	14,693	2.0	(D)	(D)
	bushels	1,194,596	2.4	1,154,862	2.4
Wheat for grain	farms	2,090	.8	1,852	.8
	acres	254,603	1.2	251,098	1.2
	bushels	6,689,017	1.1	6,590,140	1.2
Soybeans for beans	farms	1	.0	1	.0
	acres	(D)	(D)	(D)	(D)
	bushels	(D)	(D)	(D)	(D)
Cattle and calves inventory	farms	8,780	1.2	6,552	.6
	number	810,543	.4	774,272	.4
Cattle and calves sold	farms	8,140	1.0	6,493	.7
	number	471,540	.5	457,211	.5
	$1,000	168,082	.6	164,071	.6
Hogs and pigs inventory	farms	1,563	2.6	1,000	1.3
	number	48,850	2.4	43,235	2.6
Hogs and pigs sold	farms	1,116	2.2	811	1.4
	number	62,807	2.1	56,133	2.2
	$1,000	5,172	2.2	4,714	2.3
Sheep and lambs inventory	farms	2,202	1.7	1,582	1.4
	number	621,399	.8	607,322	.8
Sheep and lambs sold	farms	2,082	1.7	1,546	1.4
	number	483,989	.7	475,705	.7
Hens and pullets of laying age inventory	farms	1,412	3.7	798	2.6
	number	2,166,660	3.3	2,126,470	3.3
Hens and pullets of laying age sold	farms	107	8.2	68	2.5
	number	(D)	(D)	(D)	(D)
Commercial fertilizer used	farms	6,374	1.6	5,174	1.6
	acres	510,841	2.4	487,563	2.5
Commercial fertilizer purchased	farms	6,638	1.6	5,350	1.6
	$1,000	11,985	2.8	11,444	2.9
Agricultural chemicals purchased	farms	6,594	1.7	5,328	1.6
	$1,000	4,676	2.3	4,454	2.3
Chemicals used on crops for insect control	farms	3,861	2.2	3,212	2.2
	acres	272,246	2.7	261,429	2.7
Chemicals used on crops for disease control	farms	783	8.9	450	6.9
	acres	20,701	6.0	19,101	6.2
Gasoline purchased	farms	13,202	1.0	9,531	.8
	1,000 gallons	22,001	1.2	(NA)	(NA)
	$1,000	13,011	1.2	12,268	1.3
Diesel fuel purchased	farms	7,722	1.3	6,629	1.2
	1,000 gallons	13,356	2.2	(NA)	(NA)
	$1,000	6,082	2.3	5,890	2.3
Livestock and poultry purchased	farms	5,876	2.3	4,458	2.0
	$1,000	75,247	2.0	73,371	2.0
Feed purchased	farms	9,000	1.5	6,738	1.2
	$1,000	102,865	1.2	99,873	1.2
Hired farm labor	farms	6,466	1.5	5,529	1.5
	$1,000	35,054	1.6	33,593	1.6

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	2.0
50 farms	14.0	1,500 farms	1.0
100 farms	10.0	2,000 farms	(NA)
250 farms	7.0	3,000 farms	(NA)
500 farms	4.0	4,000 farms	(NA)
750 farms	2.0	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		Chemicals used on crops for-- 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)
Beaver	320,315	5.9	8,093	3.2	7,545	4.3	16,384	4.8	(D)	(D)
Box Elder	424,220	1.9	55,717	3.6	120,274	5.4	28,728	4.1	4,522	12.0
Cache	225,310	4.3	37,250	4.1	45,179	7.9	12,925	9.1	1,306	28.0
Carbon	443,015	4.2	3,991	3.3	3,497	6.1	3,035	6.2	12	33.0
Daggett	352,156	.0	741	.0	1,628	.0	(D)	(D)	-	.0
Davis	355,138	6.7	11,989	4.6	13,933	8.1	6,056	8.7	700	17.0
Duchesne	271,195	5.2	17,816	7.2	36,439	7.6	5,140	26.0	-	.0
Emery	218,582	4.4	11,077	5.3	12,951	13.0	6,511	13.0	240	33.0
Garfield	246,353	3.9	5,364	5.7	6,560	9.6	2,230	14.0	-	.0
Grand	335,745	.0	1,503	.0	1,659	.0	330	.0	9	.0
Iron	328,771	6.2	13,282	7.9	18,119	6.5	15,333	9.9	(D)	(D)
Juab	390,671	13.0	6,558	8.8	4,627	13.0	8,260	24.0	-	.0
Kane	302,183	3.7	2,875	8.5	1,289	19.0	252	14.0	78	36.0
Millard	325,964	7.0	33,054	7.3	53,061	11.0	65,769	6.2	276	44.0
Morgan	400,418	3.1	4,654	6.3	1,534	6.5	1,111	20.0	(D)	(D)
Piute	227,215	4.1	3,776	11.0	2,478	23.0	3,797	20.0	-	.0
Rich	418,443	3.1	5,654	3.1	5,944	4.8	7,063	.9	-	.0
Salt Lake	500,737	6.1	14,045	6.3	20,766	17.0	8,625	8.8	337	12.0
San Juan	308,598	3.8	5,722	10.0	3,953	8.5	2,250	.0	2,876	6.1
Sanpete	220,884	3.2	20,171	3.9	21,136	9.0	18,736	7.9	98	82.0
Sevier	277,847	5.7	10,384	5.5	18,392	13.0	12,649	8.6	(D)	(D)
Summit	423,815	14.0	7,940	5.8	4,602	13.0	1,376	11.0	-	.0
Tooele	328,990	10.0	6,868	11.0	4,054	48.0	7,991	46.0	-	.0
Uintah	448,984	1.8	10,889	5.7	15,568	11.0	8,805	14.0	122	88.0
Utah	306,370	4.4	39,164	5.9	54,627	6.5	18,149	9.7	6,944	14.0
Wasatch	357,078	5.4	4,818	8.7	3,327	19.0	647	20.0	-	.0
Washington	216,000	6.1	6,760	7.8	4,392	17.0	2,046	17.0	674	36.0
Wayne	212,214	5.6	5,270	6.0	4,915	15.0	1,534	11.0	88	1.7
Weber	240,173	5.3	15,406	5.6	14,594	7.7	4,292	11.0	1,614	8.8
Farms not on mail list	107,099	15.0	8,263	13.0	3,798	25.0	2,152	35.0	330	59.0

County	Farm production expenses: 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)
Beaver	376	3.2	205	6.2	1,674	4.4	2,286	2.9	782	4.1
Box Elder	1,510	2.8	1,113	7.5	7,835	3.7	7,246	5.9	3,784	3.7
Cache	1,009	4.7	618	6.9	5,749	3.1	9,587	4.8	2,760	6.6
Carbon	146	3.4	36	4.6	161	11.0	446	3.9	188	3.1
Daggett	56	.0	18	.0	124	.0	116	.0	98	.0
Davis	412	6.5	161	7.4	3,328	9.2	2,470	2.3	1,677	3.1
Duchesne	722	4.4	227	7.9	1,913	19.0	2,341	7.8	668	17.0
Emery	296	7.0	106	9.6	767	14.0	1,040	9.1	211	24.0
Garfield	241	5.2	61	3.3	515	9.4	428	5.4	233	5.6
Grand	58	.0	23	.0	328	.0	286	.0	175	.0
Iron	488	6.4	189	7.3	2,852	7.2	1,104	4.5	1,216	6.8
Juab	213	13.0	134	16.0	1,123	20.0	496	12.0	345	13.0
Kane	101	6.3	32	9.9	102	8.4	190	5.2	158	8.5
Millard	1,235	5.5	636	6.4	8,520	13.0	5,927	4.3	3,710	6.9
Morgan	150	12.0	50	7.4	981	27.0	1,618	8.9	630	12.0
Piute	137	8.5	48	21.0	344	21.0	474	16.0	231	14.0
Rich	273	2.3	120	3.3	1,043	8.1	978	4.4	835	2.7
Salt Lake	401	7.2	172	8.3	1,752	5.0	6,462	4.3	2,284	5.1
San Juan	273	4.9	158	10.0	1,174	3.5	738	5.0	683	15.0
Sanpete	1,016	3.0	338	6.5	7,947	4.4	21,422	2.8	2,512	4.0
Sevier	473	7.8	209	12.0	9,638	2.5	7,493	3.8	1,198	11.0
Summit	219	5.7	64	8.9	1,142	18.0	2,263	9.3	867	10.0
Tooele	243	8.8	103	16.0	524	7.6	1,389	3.2	833	17.0
Uintah	572	8.0	205	16.0	1,861	11.0	2,104	13.0	599	4.4
Utah	1,114	5.1	575	10.0	4,507	8.9	13,913	3.4	5,501	3.9
Wasatch	203	7.5	39	11.0	1,448	19.0	1,506	10.0	628	9.5
Washington	276	16.0	166	2.9	1,206	7.7	1,230	8.6	679	12.0
Wayne	182	4.9	59	4.9	386	18.0	521	7.6	200	15.0
Weber	432	6.2	179	8.7	5,598	3.4	6,200	4.3	1,264	14.0
Farms not on mail list	188	16.0	38	25.0	704	19.0	593	21.0	108	32.0

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
Utah	13 833	12 184	468 195	338 649	16 621	13 294	469 167	339 035	2 788	1 110	971	386
Beaver	189	183	11 540	6 560	195	184	11 543	6 561	6	1	2	1
Box Elder	1 108	1 100	52 349	43 139	1 169	1 155	52 374	43 157	61	55	25	18
Cache	1 214	1 273	46 540	34 381	1 329	1 406	46 584	34 436	115	133	44	55
Carbon	173	144	2 111	1 612	200	159	2 121	1 616	27	15	10	4
Daggett	28	27	827	692	33	27	827	692	5	–	–	–
Davis	565	581	18 806	18 554	692	680	18 857	18 599	127	99	51	45
Duchesne	590	534	14 050	8 181	637	564	14 066	8 188	47	30	16	7
Emery	378	372	3 961	3 560	434	384	3 973	3 563	56	12	12	3
Garfield	214	180	3 211	1 741	228	190	3 214	1 744	14	10	3	3
Grand	59	36	1 566	1 033	64	40	1 567	1 035	5	4	1	2
Iron	348	337	15 334	11 715	385	379	15 343	11 727	37	42	9	12
Juab	222	201	4 631	3 133	237	224	4 635	3 137	15	23	4	4
Kane	128	112	1 679	949	150	118	1 686	951	22	6	7	2
Millard	676	652	40 615	24 434	697	670	40 621	24 442	21	18	7	8
Morgan	198	204	6 329	4 316	226	220	6 336	4 320	28	16	7	4
Piute	115	122	3 255	2 353	126	125	3 256	2 354	11	3	1	1
Rich	161	168	6 310	5 822	162	175	6 311	5 822	1	7	1	–
Salt Lake	660	592	23 146	23 275	817	683	23 209	23 318	157	91	63	43
San Juan	213	231	6 784	5 986	225	253	6 784	5 989	12	22	(Z)	3
Sanpete	756	749	49 444	28 234	818	785	49 465	28 244	62	36	21	10
Sevier	458	413	28 080	12 910	512	432	28 102	12 915	54	19	23	5
Summit	352	304	10 671	7 046	393	350	10 686	7 062	41	46	15	16
Tooele	263	229	7 327	3 609	289	258	7 337	3 616	26	29	11	7
Uintah	525	413	11 643	7 096	619	450	11 670	7 105	94	37	28	9
Utah	1 612	1 605	51 738	38 103	1 795	1 769	51 814	38 159	183	164	76	56
Wasatch	261	254	6 549	5 256	300	274	6 561	5 261	39	20	11	5
Washington	340	310	7 360	4 488	388	348	7 374	4 496	48	38	14	8
Wayne	181	146	3 177	2 235	189	150	3 179	2 236	8	4	2	1
Weber	777	712	26 346	28 237	950	842	26 413	28 293	173	130	68	56
Farms not on mail list	1 069	(NA)	2 815	(NA)	2 362	(NA)	3 254	(NA)	1 293	(NA)	440	(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	371,752	327,986	14.5	384,585	-3.3
Farms with sales of $2,500 or more	256,589	203,804	7.3	219,738	+16.8
Farms with sales of less than $2,500	115,163	124,182	25.0	164,847	-30.1
Arkansas	58,788	50,959	16.7	61,489	-4.4
Farms with sales of $2,500 or more	40,669	31,299	10.0	34,777	+17.0
Farms with sales of less than $2,500	18,119	19,660	26.4	26,712	-32.2
Louisiana	38,973	33,240	23.7	43,264	-9.9
Farms with sales of $2,500 or more	22,683	18,580	12.3	21,186	+7.1
Farms with sales of less than $2,500	16,290	14,660	33.6	22,078	-26.2
Oklahoma	79,530	69,719	11.7	79,243	+.4
Farms with sales of $2,500 or more	58,781	47,833	5.6	50,671	+16.0
Farms with sales of less than $2,500	20,749	21,886	23.4	28,572	-27.4
Texas	194,461	174,068	12.6	200,589	-3.1
Farms with sales of $2,500 or more	134,456	106,092	6.2	113,104	+18.9
Farms with sales of less than $2,500	60,005	67,976	22.3	87,485	-31.4
Mountain[3]	127,881	111,868	6.7	122,588	+4.3
Farms with sales of $2,500 or more	97,876	90,449	2.4	92,673	+5.6
Farms with sales of less than $2,500	30,005	21,419	28.4	29,915	+.3
Pacific[2]	154,516	123,837	11.6	143,545	+7.6
Farms with sales of $2,500 or more	103,152	88,996	5.6	94,204	+9.5
Farms with sales of less than $2,500	51,364	34,841	27.5	49,341	+4.1
Washington	37,778	29,410	10.8	32,999	+14.5
Farms with sales of $2,500 or more	24,737	21,079	6.4	22,520	+9.8
Farms with sales of less than $2,500	13,041	8,331	20.5	10,479	+24.5
Oregon	34,875	26,753	15.5	31,788	+9.7
Farms with sales of $2,500 or more	21,071	17,043	6.3	18,189	+15.8
Farms with sales of less than $2,500	13,804	9,710	28.6	13,599	+1.5
California	81,863	67,674	10.5	78,758	+3.9
Farms with sales of $2,500 or more	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

[1]Data are from preliminary reports and may differ slightly from final counts.
[2]Alaska and Hawaii not included.
[3]Data 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 STATES[2]					
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
WEST[2]					
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

[1]Data are from the preliminary reports and may differ slightly from final counts.
[2]Alaska and Hawaii not included.

APPENDIX D. Report Forms

DUE BY FEBRUARY 15, 1979

Form Approved: O.M.B. No. 41-S78025

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.)

FORM 78-A1(N) (4-10-78)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

AGRICENSUS USA 78

1978 CENSUS OF AGRICULTURE

COMPLETE AND RETURN TO: Bureau of the Census, 1201 East Tenth Street, Jeffersonville, Indiana 47132

Note Please read the Information Sheet before completing the form.

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

SECTION 1 ACREAGE IN 1978

If the acres you operated in 1978 changed during the year, refer to the INFORMATION SHEET, Section 1.

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE – cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	None	Number of acres
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.

a. Of the land you rented or leased to others, how many acres did you own? None ☐ 053 _____ Acres

7. During 1978, did you have any Federal or State grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.? 054 1 ☐ Yes 2 ☐ No

8. How many set aside acres did you have in the Federal Farm Program in 1978? None ☐ 055 _____ Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

		County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced?	Principal county →			056
b. If you also have agricultural operations in any other county(ies), enter the county name(s), etc.	Other counties			057
				058
				059

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 1 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 1 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 /10	095 Lbs.	096 /10
11. Irish potatoes	☐	097 /10	098 Cwt.	099 /10
12. Sweetpotatoes and yams	☐	100 /10	101 Bu.	102 /10

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1978? *(Include sorghum-sudan crosses and hay cut from pastures.)*

003 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.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
■ **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	103	104 Tons, dry	105
2. Small grain hay – oats, wheat, barley, etc.	106	107 Tons, dry	108
3. Other tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.	109	110 Tons, dry	111
4. Wild hay	112	113 Tons, dry	114
■ **GRASS SILAGE, HAYLAGE, AND GREEN CHOP** *(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	115	116 Tons, green	117
6. Hay crops cut and fed green (green chop)	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 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 5*

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place . . . . . .

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

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	Code	Number of trees or vines of — Nonbearing age	Number of trees or vines of — Bearing age	Acres in trees and vines of all ages — Whole acres	Acres in trees and vines of all ages — Tenths	Quantity harvested	Unit of measure (Mark one) Lbs.	Tons	Boxes	Lbs. per box
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5

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

NONCITRUS CROPS	Code
Apples	123
Apricots	129
Avocados — *See Information Sheet*	135
Cherries	147
Grapes — dry weight	171
Grapes — fresh weight	177
Olives — *See Information Sheet*	207
Peaches	225
Pears	231
Plums and prunes — fresh weight	243
Prunes — dry weight	249
Other noncitrus — *Specify*	261

CITRUS CROPS (*Report quantity harvested in 1977–78 from bloom of 1977*)	Code
Grapefruit	267
Lemons	279
Oranges	297
Tangelos	303
Tangerines and mandarins	309
Other citrus — *Specify*	315

NUT CROP (*Report quantity in the shell*)	Code
Almonds	321
Filberts and hazelnuts	327
Pecans, improved	339
Pecans, wild and seedling	345
Walnuts (English or Persian)	357
Other nut trees — *Specify*	363

SECTION 5 **Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1978?**

005 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 6*

For Florida, report for September 1, 1977 through August 31, 1978 harvest season; for all other States report for calendar year 1978.

1. Land from which vegetables were harvested in 1978 . . . . . .

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1978. *If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 6.*

Crop name	Code	Acres harvested		Acres irrigated	
			/10		/10
			/10		/10
			/10		/10
			/10		/10
			/10		/10
			/10		/10

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

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Cucumbers and pickles	411	Peppers, sweet	443
Beans, snap (bush and pole)	381	Eggplant	415	Peppers, hot	445
Beets	383	Garlic	421	Pumpkins	449
Broccoli	385	Honeydew melons	423	Radishes	451
Cabbage	391	Lettuce and romaine	427	Spinach	457
Cantaloups and Persian melons	395	Lima beans, green	429	Squash	459
Carrots	397	Mustard greens	431	Sweet corn	461
Cauliflower	399	Onions, dry	433	Tomatoes	463
Celery	401	Onions, green	435	Turnips	465
Collards	407	Okra	437	Turnip greens	467
Cowpeas (blackeyed and other green cowpeas)	409	Peas, green, including English (exclude green cowpeas)	441	Watermelons	473
				Other vegetables — *Specify*	475

SECTION 6 **Were any NURSERY and GREENHOUSE PRODUCTS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, or MUSHROOMS grown FOR SALE on this place in 1978?**

006 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 7*

1. Nursery and greenhouse products irrigated in 1978 ☐ None

Area irrigated		
Square feet	Acres	Tenths
477	478	/10

2. From the list below, enter the product name and code for each product grown.

Product name	Code	Square feet under glass or other protection in 1978	Acres in the open in 1978 — Whole acres	Tenths	Sales in 1978 — Dollars	Cents
			1	/10	2 $	
			1	/10	2 $	
			1	/10	2 $	

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

Product name	Code	Product name	Code
Bedding plants (include vegetable plants)	479	Foliage and flowering plants	491
Bulbs	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery products — environmentals, lining-out stock, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
		Greenhouse vegetables	503
		Other — *Specify*	506

SECTION 7 **Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1978?**

007 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 8*

From the list below, enter crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested — Whole acres	Tenths	Quantity harvested	Acres irrigated — Whole acres	Tenths
			/10	1	2	/10
			/10	1	2	/10
			/10	1	2	/10

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

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	509	Raspberries (pounds)	533
Blueberries, tame (pounds)	512	Strawberries (pounds)	536
Blueberries, wild (pounds)	515	All other berries (pounds) — *Specify*	539
Cranberries (100-lb. barrels)	521		

SECTION 8 **Were any OTHER CROPS harvested from this place in 1978 — rice, peanuts, field seeds, sugar crops, or other crops not previously reported?**

008 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 9*

From the list below, enter crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
			1	2
			1	2
			1	2
			1	2
			1	2
			1	2
			1	2

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

Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	542	Proso millet (bushels)	665
Beans, dry field and seed (100-pound bags)	554	Red clover seed (pounds)	671
Beans, dry lima (100-pound bags)	557	Rice (100-pound bags) or (bushels) or (barrels)	677 / 680 / 683
Buckwheat (bushels)	575	Rye for grain (bushels)	686
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Ryegrass seed (pounds)	689
Cowpeas for dry peas (bushels)	584	Safflower (pounds)	692
Emmer and spelt (bushels)	599	Sorghums cut for dry forage or hay (tons, dry weight)	698
Fescue seed (pounds)	602	Sorghums hogged or grazed	701
Flaxseed (bushels)	605	Sugar beets for sugar (tons)	719
Grains, mixed (bushels)	614	Sugarcane for sugar (tons) — *See Information Sheet*	722
Kentucky Bluegrass seed (pounds)	629	Sugarcane for seed (tons)	725
Lespedeza seed (pounds)	635	Sunflower seed (pounds)	734
Mint for oil (pounds of oil)	644	Timothy seed (pounds)	746
Peanuts for nuts (pounds)	656	Other crops (pounds) — *Specify*	773
Peas, dry field and seed (pounds)	659		
Popcorn (pounds, shelled)	662		

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.

	None	Dollars	Cents
1. Grains sold in 1978, including Government CCC loans – 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?	☐	777 $	
2. Cotton and cottonseed, including Government CCC loans	☐	778 $	
a. Of the total, how much was received in 1978 from Government CCC loans?	☐	779 $	
3. Tobacco	☐	780 $	
4. Field seeds, grass seeds, hay, forage, and silage	☐	781 $	
5. Vegetables, sweet corn, and melons – *DO NOT include Irish potatoes or sweetpotatoes, report them in Item 8 below.*	☐	782 $	
6. Fruits, nuts, berries – apples, peaches, grapes, citrus, pecans, strawberries, etc.	☐	783 $	
7. Nursery and greenhouse products	☐	784 $	
8. Other crops – peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, mint for oil, hops, etc. – *Specify* _____	☐	785 $	

SECTION 10 LAND USE IN 1978

1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1 _____ Acres

NOTE: If the same land had more than one use in 1978, REPORT THAT LAND ONLY ONCE – in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

2. CROPLAND	None	Number of acres
a. Cropland harvested – *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products.*	☐	787
b. Cropland used only for pasture or grazing – *Include rotation pasture and grazing land that could have been used for crops without additional improvements.*	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed *(Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in Item 2a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
3. **Woodland** – *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* a. Woodland pastured	☐	794
b. Woodland not pastured	☐	795
4. **Other pastureland and rangeland** – *Include any pastureland other than cropland and woodland pasture*	☐	796
5. **All other land** – Land in house lots, ponds, roads, wasteland, etc. *Include any land not reported in items 2 through 4 above*	☐	797
6. **TOTAL ACRES** – *Add the acres reported in Items 2 through 5 (Should be the same as Item 1 above.)*		798

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1978?

Irrigated land is all land watered by any artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

011 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 12*

1. How many acres of each of the following classifications of land were irrigated in 1978?	None	Number of acres irrigated
a. HARVESTED LAND reported in section 10, item 2a – *Include land from which hay was cut and land 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
d. **TOTAL LAND IRRIGATED** *(Total of a, b, and c above.)*		802

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1978?

012 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 13*

• DECEMBER 31, 1978 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1978
1. CATTLE AND CALVES of all ages *(Total of a, b, c, and d below)*	☐	803 Total all ages
a. BEEF COWS – *Include beef heifers that had calved*	☐	804 Beef cows
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*	☐	805 Milk cows
c. HEIFERS AND HEIFER CALVES – *Exclude heifers that had calved*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS AND BULL CALVES	☐	807 Steers and bulls of all ages

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 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
2. Calves weighing less than 500 pounds	☐	808	809 $	
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978	None	Gross value of sales Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. *Report goat dairy products in section 15*	☐	814 $	

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1978?

013 1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 14*

• DECEMBER 31, 1978 INVENTORY	None	INVENTORY Number on this place Dec. 31, 1978
1. HOGS and PIGS of all ages *(Total of a and b below)*	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

• **LITTERS FARROWED**

2. LITTERS FARROWED on this place between –	None	Number of litters
a. December 1, 1977 and May 31, 1978	☐	818
b. June 1, 1978 and November 30, 1978	☐	819

• HOGS AND PIGS SOLD	None	Number sold in 1978	Gross value of sales Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1978	☐	820	821 $	
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	

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	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn	Pounds of wool shorn
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?	☐	829 $	

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SECTION 15 **Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978?**

015
1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831	832 $	
2. Mules, burros, and donkeys	☐	833	834	835 $	
3. Mink and their pelts	☐	836	837	838 $	
a. Mink females used for breeding	☐	863			
4. Other livestock or animal specialties in captivity *(Enter name and code from "List A" below.)* Name _____ Code _____			1	2 $	

	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales Dollars	Cents
5. Livestock or animal products *(Enter name and code from "List B" below.)* Name _____ Code _____		2 Pounds OR Gallons	1 $	
6. Fish and other aquaculture products *(Enter name and code from "List C" below.)* Name _____ Code _____	/10	3 Pounds OR Number	2 $	

List A

Name	Code	Name	Code	Name	Code
Colonies of bees	839	Other goats	848	Worms	857
Angora goats	842	Rabbits and their pelts	851	All other livestock – *Specify*	860
Milk goats	845	Chinchillas and their pelts	854		

List B

Name	Code
Mohair sold	864
Goats milk sold	866
Honey sold	868
Other livestock products – *Specify*	870

List C

Name	Code	Name	Code
Catfish	872	Other fish – *Specify*	884
Trout	876	Other aquaculture products – *Specify*	888
Tropical and baitfish	880		

If more space is needed, use separate sheet of paper

SECTION 16 **Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1978?** ***(Include poultry grown for others on a contract basis.)***

016
1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978
1. HENS and PULLETS of laying age	☐	892	893
2. PULLETS 3 months old or older not yet of laying age	☐	894	895
3. PULLET CHICKS and PULLETS under 3 months old *(Exclude commercial broilers.)*	☐	896	897
4. BROILERS, fryers, and other meat type chickens, including capons and roasters	☐	898	899
5. TURKEYS a. Turkeys for slaughter *(Exclude breeders.)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
6. OTHER POULTRY raised in captivity – ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)* Poultry name _____ Code _____			1
Poultry name _____ Code _____			1

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry – *Specify*	914

	None	Number
7. POULTRY HATCHED on this place in 1978 and placed or sold – chickens, turkeys, ducks, etc. – *Specify kind of poultry* _____	☐	916
8. Incubator egg capacity on December 31, 1978	☐	917

	None	Gross value of sales Dollars	Cents
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.*	☐	918 $	

SECTION 17 **Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978**

	None	Dollars	Cents
Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 – planting, plowing, spraying, harvesting, etc.	☐	919 $	

Specify kind of work done _____

SECTION 18 **During 1978 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION – roadside stands, farmers markets, pick your own, etc.?**

018
1 ☐ YES – *Complete this section*
2 ☐ NO – *Go to section 19*

	Dollars	Cents
1. What was the gross value of these direct sales?	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.*

- FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation 921 ☐ 1
- PARTNERSHIP operation. Include family partnerships. ☐ 2 — Total number of partners 922 _____
- INCORPORATED UNDER STATE LAW *Answer BOTH a and b*
  - a. Is this a family held corporation? ☐ 3 Yes ☐ 4 No
  - b. Are there more than 10 stockholders? ☐ 5 Yes ☐ 6 No
- OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. ☐ 7 *Specify* _____

SECTION 20 **CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge)** ***Refer to the INFORMATION SHEET, Section 20.***

1. RESIDENCE – Does the operator (senior partner or person in charge) live on this place? 923 ☐ 1 Yes ☐ 2 No
2. RACE of operator (senior partner or person in charge). 924
   ☐ 1 White
   ☐ 2 Negro or Black
   ☐ 3 American Indian
   ☐ 4 Asian or Pacific Islander
   ☐ 9 Other – *Specify* _____
3. AGE of operator (senior partner or person in charge). 925 _____ Years old
4. SEX of operator (senior partner or person in charge) 926 ☐ 1 Male ☐ 2 Female
5. SPANISH ORIGIN – Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? 927 ☐ 1 Yes ☐ 2 No
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* 928 ☐ 1 Farming ☐ 2 Other
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.)* 929
   ☐ 1 None
   ☐ 2 1–49 days
   ☐ 3 50–99 days
   ☐ 4 100–149 days
   ☐ 5 150–199 days
   ☐ 6 200 days or more

SECTION 21 **Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?**

1 ☐ YES – *Complete this section*
2 ☐ NO
3 ☐ Don't know
} *Go to section 28*

	None	Acres
Of the total acres in this place, how many were owned by – 1. Individuals who are NOT citizens of the United States?	☐	930
2. A foreign held corporation or unincorporated association, or a foreign government?	☐	931

SECTIONS 22 – 27 **Not applicable to this form**

SECTION 28 **PERSON COMPLETING THIS REPORT** – ***Please print***

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? 029 ☐ 1 YES ☐ 2 NO

(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 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 23*

	None	Acres fertilized
1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b	☐	932
2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4	☐	933

	None	Tons of lime	Acres limed
3. LIME — tons of lime used and acres on which applied *(Do not include land plaster or gypsum or lime for sanitation.)*	☐	934	935

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

023
1 ☐ YES — *Complete this section*
2 ☐ 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.

	None	Number of acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —		
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 1 ☐ Yes 2 ☐ No

b. Sanitation, rodent and bird control, etc.? *(Include lime for sanitation)* 942 1 ☐ Yes 2 ☐ 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

	Estimated market value Dollars	Cents
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.*	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 in 1978.	None	Expenditures Dollars	Cents	Gallons purchased in 1978	Storage capacity on this place (in gallons)
1. Gasoline for farm business	☐	966 $		967	968
2. Diesel fuel for the farm business	☐	969 $		970	971
3. LP gas, butane, propane for the farm business (4.5 lbs.= 1 gallon)	☐	972 $		973	974
4. Fuel oil for the farm business	☐	975 $		976	977
5. Natural gas for the farm business	☐	978 $			
6. Kerosene, motor oil, grease, for the farm business	☐	979 $			
7. Electricity for the farm business	☐	980 $			
8. Other — coal, wood, coke, etc.	☐	981 $			

SECTION 26 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1978

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1978. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.

	None	Selected expenditures Dollars	Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	982 $	
2. Total feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.	☐	983 $	
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates. *(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)*	☐	Tons 984 / Tenths /10 — Dollars 985 $	Cents
3. Animal health costs for livestock and poultry. *Include veterinarian services, serums, vaccines, medicines, etc.*	☐	986 $	
4. Seeds, bulbs, plants, and trees purchased	☐	987 $	
5. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. *Report custom application costs in item 9 below.*	☐	988 $	
6. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, lime, etc. *Report custom application costs in item 9 below.*	☐	989 $	
7. 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	
8. Contract labor — *Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	993 $	
9. Customwork, machine hire and rental of machinery and equipment — *Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning)*	☐	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.	None	Estimated current market value of land and buildings Dollars	Cents
1. All land owned	☐	996 $	
2. All land rented or leased FROM OTHERS	☐	997 $	
3. All land rented or leased TO OTHERS	☐	998 $	

FORM 78-A1(S) (4-10-78)

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 on to the next item or section.

2. **If You Receive More Than One Report Form**
   If you have multiple farming operations, you should complete a report for EACH SEPARATE and DISTINCT production unit, that is, each individual farm, ranch, feedlot, greenhouse, etc.; or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production. Return any duplicate or extra report forms in the same envelope with the report(s) you complete so we can remove the extra addresses from our mail register. In the space provided to the right of the address label of the report form you complete, write the 11-digit number from the label of the extra form or forms.

3. **Partnership Operations**
   A partnership is an association of two or more persons who have agreed (informally or under legal contract) on the amount of their contributions and profit distributions.

   Complete only ONE report for the entire partnership farm and ranch operation, including all partners' shares on the same report. If two or more report forms were received for the partnership see 2 above.

   Partners who also have separate operations of their own should complete reports for those separate operations. For additional information on Partnerships see section 19 below.

4. **How To Enter Your Responses On The Report Form**
   Please enter your answers in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

   Enter whole numbers unless the "Tenths" column is provided, such as reporting acres of Irish potatoes in section 2. If you have 1/2, 1/4, or 1/3 of an acre, convert to tenths. For example convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

   If you do not recall exact figures, please give your best estimate. You may indicate "Est." (for estimated) beside the answer, if you like. For all dollar items, we need only whole dollars, although a "Cents" column is provided for those who wish to report cents.

COMPLETING THE REPORT FORM

Section 1 — ACREAGE IN 1978

This section determines the land for which you should report agricultural activities. It also provides space for reporting landlords, renters, and location(s) of agricultural activities.

Changes in the Acres Operated in 1978 — Report all land that YOU USED during 1978, and the crops and livestock production on that land, even if some or all of it was no longer a part of your operation on December 31, 1978.

If you had agriculture operations at any time during 1978, but quit farming **before December 31, 1978**, report your 1978 crop and livestock production and sales from that land for the portion of the year that you operated the land. Please explain in the margin of the report form (or on a separate sheet of paper) that you quit farming or ranching during 1978 and give the approximate date and the name and address of the present operator, if known.

If you acquired land for agricultural operations, but did not use it for livestock or crop production in 1978, include the land in section 1. Please explain in the margin or on a separate sheet of paper.

Completing Items 1, 2, 3, and 4 of Section 1 — Use items 1, 2, and 3 to determine the acres of land that are your responsibility for the purpose of making the agriculture census report. Include all land that you were associated with in 1978, regardless of location or use, but do not include holdings of residential property not associated with agricultural operations. Report all land in whole acres in this section.

Item 1 — Land Owned — Report all land owned in 1978 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate, by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — Land Rented or Leased FROM Others — Report all land rented by you, even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.

INCLUDE in item 2 —

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

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

a. Complete item 6 for renter.
b. Skip to section 28 and complete Name, Address, Telephone number, etc.
c. Explain briefly in the margin or on separate paper that you did not operate a farm or ranch in 1978. For example, "All land rented out," "Sold Farm," "Retired," etc., and give the approximate date that you quit operating. If you sold your farm, please give the name and address of current owner or operator, if known.
d. Mail the form in the return envelope provided.

Item 7 — Grazing Permits — In some States, government lands and Indian lands are used for grazing livestock under permit or special license, with payments on a per-head or animal unit basis. This land should NOT be included as part of item 2, "Land rented or leased FROM others," or item 4, "Total Acres in This Place." But you should include in your report any livestock located on permit land in 1978.

Sections 2—8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1978 crop year from the land shown in section 1, item 4, of your report. Please report your crops in the appropriate section. Do not include any crops grown on land rented, leased, or worked on shares by others during 1978.

Acres Harvested — Enter the acres harvested in 1978. Round fractions to whole acres except where tenths are requested, as for Irish potatoes.

Quantity Harvested — The units of measure on the report form are those most commonly used throughout the country. If you use a different unit of measure, please convert your figure for quantity harvested to the unit requested. If harvest is incomplete by December 31, 1978, please estimate the total quantity harvested.

Crop Irrigation — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and preplant irrigation. For any crop not irrigated, leave "Acres irrigated" blank.

How to Report Crops Harvested

a. **Sections 2 and 3** — In these two sections, separate lines are provided for reporting each of several crops widely grown in the United States. Do not write in data for any other crops.

b. **Sections 4—8** — In each of these sections, report any of the crops listed in the same section. To report a crop in any of these sections, (1) find the crop name and the code number in the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information requested in the headings of the remaining columns.

Example: A farmer harvested 20 acres of alfalfa seed, yielding 6,000 pounds, and 30 acres of red clover seed, yielding 8,400 pounds. (He did not irrigate either crop.) He would enter the following in section 8:

SECTION 8 Were any OTHER CROPS harvested from this place in 1978 - rice, peanuts, field seeds, sugar crops, or other crops not previously reported?
1 ☒ YES - Complete this section
2 ☐ NO - Go to section 9

From the list below, enter crop name and code. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Alfalfa seed	542	20	1 6,000	2
Red clover seed	671	30	1 8,400	2
			1	2
			1	2

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

Two or More Crops Harvested From The Same Land (Double-Cropping) — Report the total acres and production of each harvested crop in the appropriate section of the report form.

Example: A farmer harvested 1,230 bushels of wheat from 40 acres in 1978, then planted and harvested 1,550 bushels of soybeans from the same 40 acres before the end of the year. He irrigated the soybeans but not the wheat.

Correct entries		Acres	Bushels	Acres irrigated
Item 3	Wheat	40	1,230	—
Item 8	Soybeans	40	1,550	40

Sections 2–8 – CROPS – Continued

Interplanted Crops and "Skip Row" Planting – If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. Thirty acres of soybeans would be reported in section 2, item 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 (Cooperatives, Estates, etc.) – Complete section 20 for the person in charge, such as hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Section 22 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1978. If some acres where fertilized more than once, report acres ONLY ONCE.

Section 24 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept on this place and used for the farm business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

Section 26 – SELECTED PRODUCTION EXPENSES

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Also include expenses incurred even if payment was not made in 1978. Please give estimates if you do not know the exact figures. For example, if you grew broilers or fed cattle for others, include in item 1, as purchases, your best estimate of the value of the baby chicks or cattle at the time they were brought to this place. Also include in item 2, the value and amount of all feed purchased by you or someone else for use on this place.

Do not include expenses related to nonfarm activities (trading and speculation, or livestock dealer activities).

Hired Labor – Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay before deductions, plus the value of benefits paid by you – Social Security taxes, unemployment insurance, etc. Do not include room and board, house rent, or other items paid in kind.

Form Approved: O.M.B. No. 41-S78038

FORM 78-A1(A) (6-23-78)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AGRICENSUS '78 USA

1978 CENSUS OF AGRICULTURE
AREA SAMPLE

NOTICE – Response to this inquiry is required by law (title 13 U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

CENSUS USE ONLY

035	036	037	038
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? ☐ YES – *Enter the EI number* ☐ 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.

☐ 1 **Type A – INDIVIDUAL OR FAMILY OPERATION** *(Sole proprietorship)*

1. For business purposes, is this farm or ranch operated under any name other than your own? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

2. During the past two years, have you received mail at any address other than the one I have listed? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 4* 2 ☐ NO – *SKIP to page 2*

4. Who is the hired manager?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other – *Specify and SKIP to page 2* → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

☐ 2 **Type B – PARTNERSHIP OPERATIONS** *(Include family partnerships)*

1. For business purposes, what name and mailing address is used for this partnership? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

2. How many partners are there? _____ Partners

3. What is the name and mailing address of each partner?
☐ Person named in part 1, item 5 – *Do not list*
☐ Other – *Specify (Use "Remarks" if more space is required.)*

a. Name	b. Name
Mailing address – *Route/Box/Street*	Mailing address – *Route/Box/Street*
Post Office / State / ZIP code	Post Office / State / ZIP code

4. Does this partnership employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 5* 2 ☐ NO – *SKIP to item 6*

5. Who is the hired manager?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other – *Specify and end interview* → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

6. Which partner is primarily in charge of the farm or ranch operations?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other partner – *Specify and end interview*
☐ None – *Go to item 7*

7. Who is the eldest partner?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other – *Specify and end interview* → Name

Part II – TYPE OF ORGANIZATION – Continued

☐ 3 **Type C – INCORPORATED UNDER STATE LAW**

1. What is the current name and mailing address of this corporation? Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

2. Is this a family-held corporation? ☐ YES ☐ NO

3. Are there more than 10 stockholders? ☐ YES ☐ NO

4. Does this corporation have other separate and distinct farm and ranch operations?
☐ YES – *Enter location(s) and name(s) below* ☐ NO – *SKIP to item 5*

(1) Location *(State and county)*	Name
(2) Location *(State and county)*	Name

5. During the past two years, has this farm or ranch used any name or address other than the current corporation name and mailing address? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 7* 2 ☐ NO – *SKIP to item 8*

7. Who is the hired manager?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ 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?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other – *Specify and end interview*

☐ 4 **Type D – OTHER ORGANIZATIONS**

1. What type of organization operates or controls the operations of this farm or ranch unit? 995
1 ☐ Estate
2 ☐ Trust
3 ☐ Cooperative
4 ☐ State or Local Government
5 ☐ Federal Government
6 ☐ Other – *Specify* _____

2. What is the name and mailing address of this organization? → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

3. What is the name and mailing address used for this farm or ranch operation? → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

4. During the past two years, has this farm or ranch used any other name or mailing address? ☐ YES → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code ☐ NO

5. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? 1 ☐ YES – *Go to item 6* 2 ☐ NO – *SKIP to item 7*

6. Who is the hired manager?
☐ Person named in part 1, item 5 – *SKIP to page 2*
☐ Other – *Specify and end interview*

7. Who is primarily in charge of the farm or ranch operations?
☐ Person named in part 1, item 5 – *Go to page 2*
☐ Other – *Specify and end interview* → Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

Note: Remainder of form same as A1(S).

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

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

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

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

	State tables	County tables: Summary	County tables: County report
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 machinery 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	7
Male operators	4, 29–35	6	–
Mandarins and tangerines	–	32	–
Mangoes	–	32	–
Market value of farmland and buildings	1, 2, 17, 29–35	1	1
Melons	–	31	–
Milk cows	17, 18, 20, 29–35	16	9
Milk goats	23	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	5
Motortrucks including pickups	14, 29–35	–	7
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	5
Nectarines	–	32	–
Nematode control in crops	15, 29–35	–	6
Nonfamily held corporations	4, 5, 29–35	5	–
Number of farms	1-3, 13, 17, 29–35	1, 2	1, 3
Nursery and greenhouse products	25	34	10*
Nursery and greenhouse products sold, value	10,29–35	34	2
Nursery products—shrubs, trees, etc	–	34	–
O			
Oats for grain	25, 26, 28–35	28	10
Occupation of operator	4, 29–35	6, 7	4
Off-farm work by operator	4, 29–35	6	4

	State tables	County tables: Summary	County tables: County report
O—Con.			
Okra	–	31	–
Olives	–	32	–
Onions, dry and green	–	31	–
Operator characteristics—residence, age, race, occupation, off-farm work, sex, Spanish origin	4, 29–35	6, 7	4
Oranges	28–35	32	–
Orchardgrass seed	–	30	–
Orchards	25–35	32	10
Organization of farm	4, 5, 29–35	5	4
Other field crops sold, value	10, 29–35	–	2
Other livestock and livestock products sold, value	10, 23, 29–35	27	2
Other poultry	–	26	9
Owned land	29–35	–	–
P			
Papayas	–	32	–
Parsley	–	31	–
Part owners	4, 29–35	4, 40	4
Partnership, type of organization	4, 5, 29–35	5	4
Passion fruit	–	32	–
Pastureland and grazing land	1, 2, 17, 29–35	2	1
Pastureland irrigated	16, 29–35	3	1
Payroll and employment	6, 9, 17, 29–35	12, 14	5, 8
Peaches	25, 28–35	32	10
Peanuts for nuts	25–35	29	10
Pears	–	32	–
Peas, Austrian winter	–	30	–
Peas, Chinese or ming	–	31	–
Peas, dry field and seed	–	29	–
Peas, green	25, 28–35	31	10
Pecans	–	32	–
Peppers	–	31	–
Persian melons	–	31	–
Persimmons	–	32	–
Petroleum expense	6, 7, 17, 29–35	12, 13	5
Pheasants	–	26	–
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Pigeons or squab	–	26	–
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Pineapples	27	35	–
Pistachios	–	32	–
Plums	–	32	–
Pomegranates	–	32	–
P—Con.			
Ponies and horses	18, 23, 29–35	27	9
Popcorn	–	28	–
Potatoes, Irish	25–35	29	10
Potatoes, sweet	25, 27–35	29	10
Poultry and poultry products sold	10, 13 17–19, 29–35	10, 11	2, 9
Poultry hatched	–	26	–
Principal occupation of operator	4, 29–35	6, 7	4
Production expenses	6–9, 17, 29–35	12–14	5
Proso millet	–	28	–
Prunes	–	32	–
Pullets	19, 29–35	18	9
Pumpkins	–	31	–
Q			
Quail	–	26	–
R			
Rabbits and their pelts	23	27	–
Race of operator	4, 5, 29–35	39–41	–
Radishes	–	31	–
Rangeland	1, 2, 17, 29–35	2	1
Rapeseed	–	35	–
Raspberries	–	33	–
Red clover seed	25	30	10
Redtop seed	–	30	–
Residence of operator	4, 29–35	6	4
Rhubarb	–	31	–
Rice	26, 28–35	28	–
Romaine and lettuce	–	31	–
Rye for grain	25	28	10
Ryegrass seed	–	30	–
S			
Safflower	–	28	–
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	State tables	County tables: Summary	County tables: County report
S—Con.			
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Sheep, lambs, and wool sold, value.	10, 18, 22, 29–35	20	2, 9
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Sorghums	25–35	28, 30 35	10
Soybeans	25–35	29, 30	10
Spanish origin, operators of	4, 29–35	42	–
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Spinach	–	31	–
Squash	–	31	–
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Steers, steer calves, bulls, and bull calves	20, 29–35	16	9
Storage, selected petroleum	8	13	–
Strawberries	25, 26	33	10
Sudangrass seed	–	30	–
Sugar beets	26, 28–35	29	–
Sugarcane	26, 27, 29–35	29	–
Sunflower seed	28–35	28	–
Sweet corn	25, 28–35	31	10
Sweet corn for seed	–	35	–
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T			
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Tobacco	25–35	29	10
Tobacco sold, value	10, 29–35	–	2
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Tractors, wheel	14, 29–35	–	7
Triticale	–	28	–
T—Con.			
Tropical and baitfish sold	24	25	–
Trout sold	24	25	–
Trucks including pickups	14, 29–35	–	7
Turkeys	19, 29–35	26	9
Turnip greens	–	31	–
Turnips	–	31	–
Type of farm (SIC)	13, 29–35	8	–
Type of organization	4, 5, 29–35	5	4
V			
Value of agricultural products sold.	10, 13, 17, 29–35	9–11	2
Value of land and buildings	1, 2, 13, 17, 29–35	1	1
Value of machinery and equipment.	13, 14, 17, 29–35	15	7
Vegetable and flower seeds	–	34	–
Vegetables, greenhouse	–	34	–
Vegetables harvested for sale	25–35	31	10
Vegetables, sweet corn, or melons sold, value	10, 29–35	–	2
Velvetbeans for beans	–	35	–
Vetch seed	–	30	–
W			
Wages paid to farm workers	6, 9, 17, 29–35	12, 14	5
Walnuts, English or Persian	28–35	32	–
Watercress	–	31	–
Watermelons	–	31	–
Weeds, chemical control	15, 29–35	–	6
Wheat for grain	25–35	28	10
Wheatgrass seed	–	30	–
Wheel tractors	14, 29–35	–	7
Wild hay	26, 28–35	30	–
Wild rice	–	28	–
Woodland	1, 2, 29–35	2	1
Wool, pounds shorn	22, 29–35	20	9
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Wormseed oil	–	35	–

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PUBLICATION PROGRAM

PRELIMINARY REPORTS

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

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

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

FINAL REPORTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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