Volume 1

State and County Data

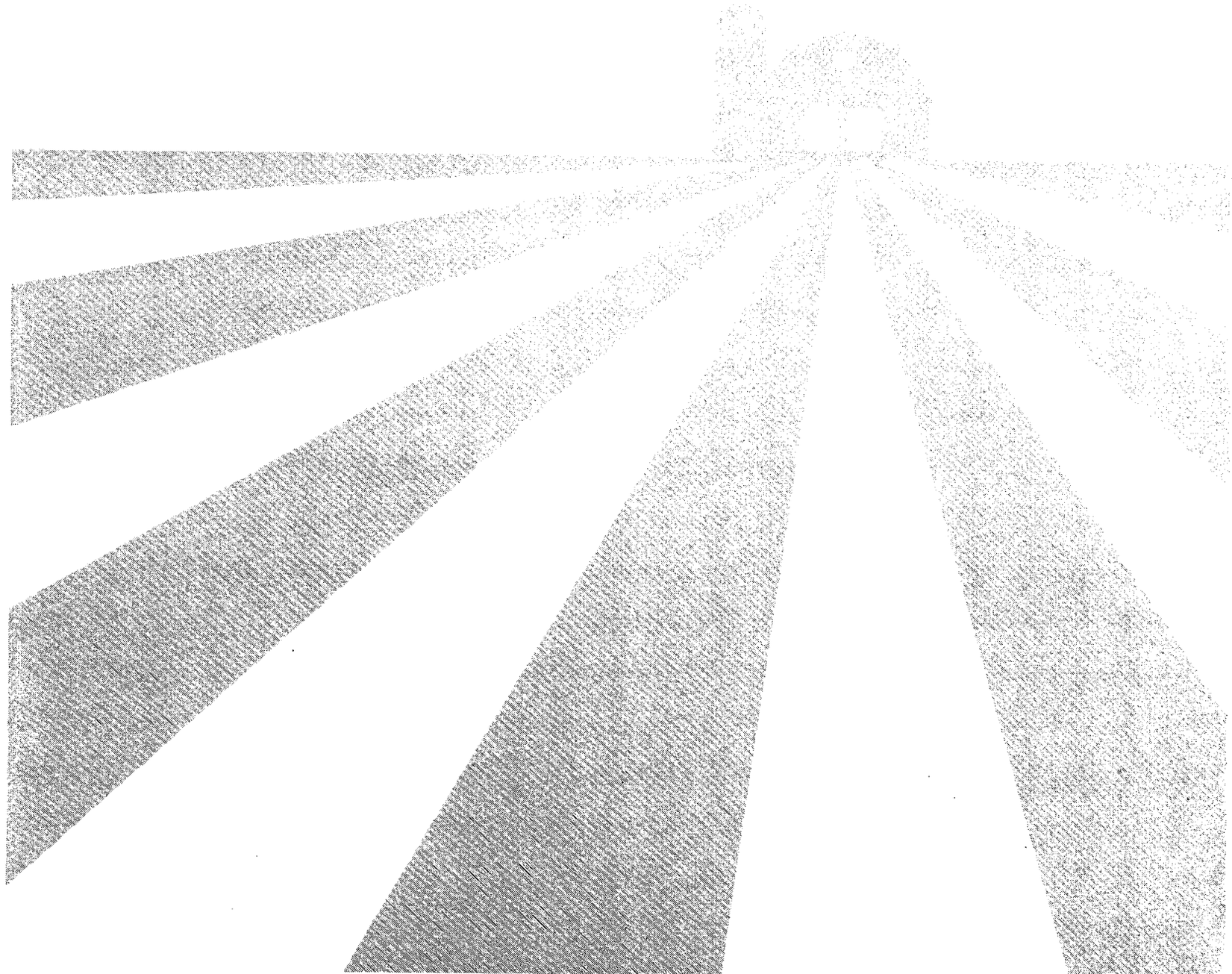
Part 22

Michigan

AC78-A-22

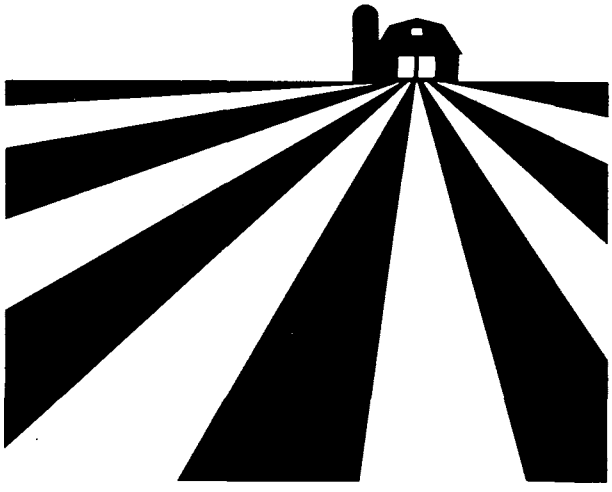
1978 CENSUS OF AGRICULTURE

U.S. Department of Commerce
BUREAU OF THE CENSUS



1978 CENSUS OF AGRICULTURE

Volume 1
State and County Data



Part 22
Michigan
AC78-A-22

Issued June 1981

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

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HISTORY

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

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

AUTHORITY AND AREA COVERED

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

FARM DEFINITION

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

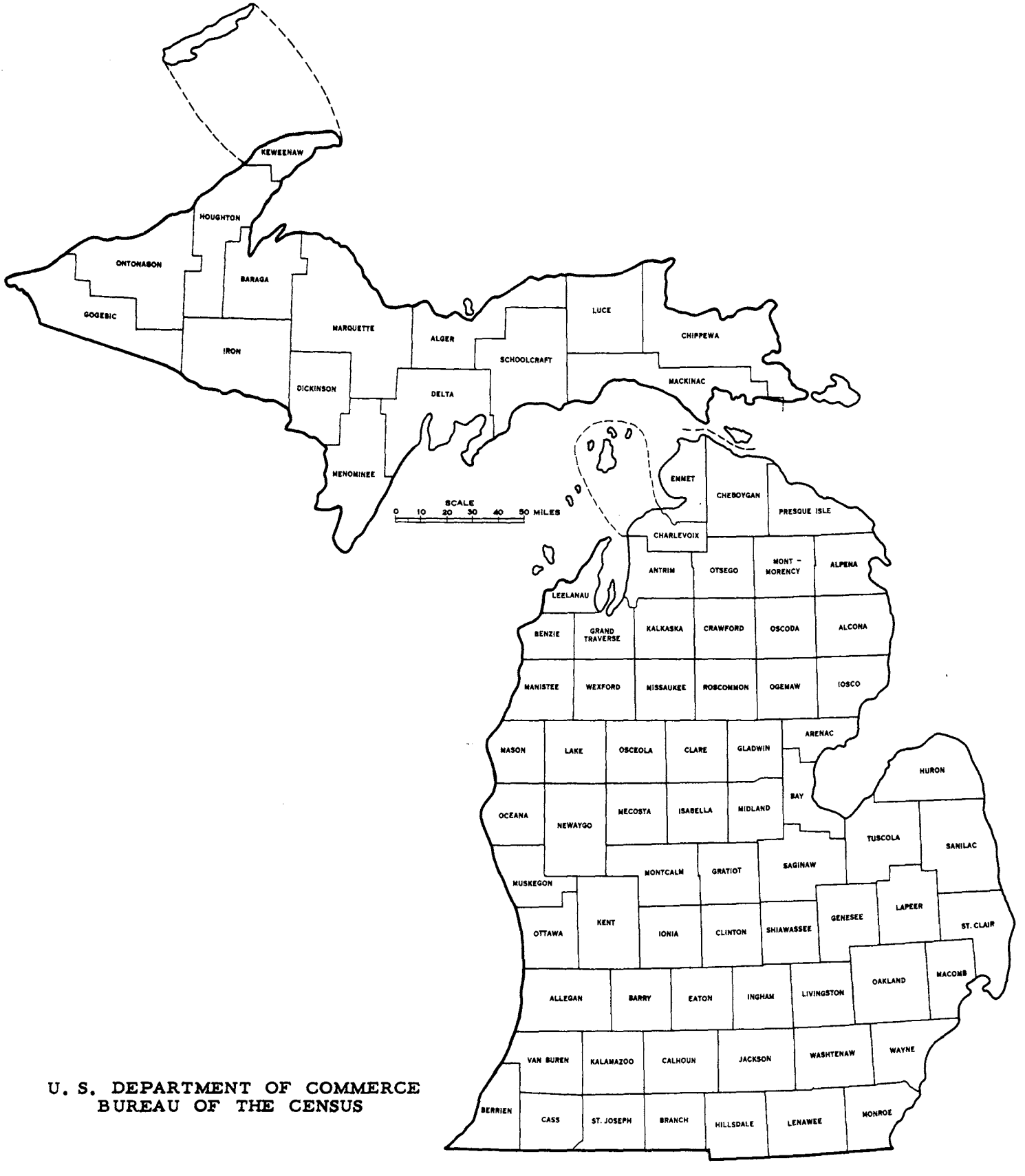
- – Zero.
- (D) Data withheld to avoid disclosing information for individual farms.
- (X) Not applicable.
- (Z) Less than half of the unit reported.
- (NA) Not available.
- * Independent city.

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	68 237	7 811	64 094	47 796	1 678	46 647
Land in farms — acres	11 448 182	409 763	10 832 234	10 224 206	187 787	9 549 692
Average size of farm — acres	168	52	169	214	112	205
Harvested cropland — acres	6 953 675	179 446	6 317 638	6 609 166	117 428	5 993 074
Average per farm — acres	102	23	99	138	70	128
Farms by size:						
1 to 49 acres — number	20 195	5 596	14 021	7 995	747	5 842
50 to 499 acres — number	43 669	2 155	46 645	35 494	871	37 429
500 to 999 acres — number	3 511	60	2 880	3 458	60	2 837
1,000 acres or more — number	862	–	548	849	–	539
Value of land and buildings:[2]						
Average per farm — dollars	163 311	71 565	93 435	204 613	137 964	112 958
Average per acre — dollars	975	1 364	553	964	1 233	552
Value of machinery and equipment on farms[2] — $1,000	2 072 471	84 000	1 313 311	1 915 216	50 214	1 170 064
Average per farm — dollars	30 372	10 754	20 490	40 071	29 925	25 083
Value of agricultural products sold — $1,000	1 941 095	26 781	1 491 439	1 916 846	22 075	1 467 705
Average per farm — dollars	28 446	3 429	23 270	40 105	13 156	31 464
Crops sold — $1,000	1 013 585	15 841	828 866	1 000 471	13 667	814 714
Average per farm — dollars	14 854	2 028	12 932	20 932	8 145	17 466
Livestock and livestock products sold — $1,000	849 135	10 868	585 745	838 451	8 405	576 652
Average per farm — dollars	12 444	1 391	9 139	17 542	5 009	12 362
Poultry and poultry products sold — $1,000	78 376	71	71 976	77 925	3	71 658
Average per farm — dollars	1 149	9	1 123	1 630	2	1 536
Farms by value of agricultural products sold:						
Less than $2,500 — number	20 415	6 133	18 360	–	–	937
$2,500 to $9,999 — number	19 876	1 099	18 832	19 876	1 099	18 832
$10,000 to $39,999 — number	15 813	391	17 221	15 813	391	17 221
$40,000 to $99,999 — number	7 805	188	6 848	7 805	188	6 848
$100,000 to $199,999 — number	2 839	–	2 028	2 839	–	2 028
$200,000 or more — number	1 463	–	781	1 463	–	781
Abnormal farms — number	26	(X)	24	(X)	(X)	(X)
Value of agricultural products sold by farms having sales of—						
Less than $2,500 — $1,000	21 300	4 706	21 983	–	–	1 377
$2,500 to $9,999 — $1,000	106 481	4 747	105 734	106 481	4 747	105 734
$10,000 to $39,999 — $1,000	326 249	8 541	356 190	326 249	8 541	356 190
$40,000 to $99,999 — $1,000	492 093	8 787	420 768	492 093	8 787	420 768
$100,000 to $199,999 — $1,000	389 781	–	273 426	389 781	–	273 426
$200,000 or more — $1,000	602 242	–	310 210	602 242	–	310 210
Abnormal farms — $1,000	2 948	(X)	3 128	(X)	(X)	(X)
Farm production expenses for selected items:[2]						
Feed for livestock and poultry — $1,000	184 066	4 109	150 759	177 618	1 694	146 407
Seeds, bulbs, plants, and trees — $1,000	81 192	1 398	52 018	79 240	1 035	50 909
Commercial fertilizer — $1,000	175 929	2 738	131 619	172 063	2 205	128 788
Other agricultural chemicals — $1,000	68 555	998	39 559	67 091	809	38 998
Petroleum products – gasoline, diesel, etc. — $1,000	100 165	2 272	67 528	95 190	1 228	63 722
Hired farm labor — $1,000	137 307	439	92 002	134 991	405	90 342
Livestock and poultry inventory:						
Cattle and calves — number	1 276 204	27 581	1 430 262	1 207 872	13 966	1 328 213
Hogs and pigs — number	958 231	26 991	619 910	916 984	4 587	597 317
Sheep and lambs — number	112 678	15 493	149 787	85 016	120	128 526
Chickens 3 months old or older — number	7 089 968	78 780	7 609 220	6 927 189	1 010	7 462 686
Crops harvested:						
Corn for all purposes — acres	2 817 381	53 738	2 378 301	2 747 020	41 083	2 301 789
Wheat for grain — acres	382 166	11 768	810 197	369 809	10 588	769 763
bushels	15 044 875	374 898	31 891 280	14 718 224	366 520	30 684 495
Soybeans for beans — acres	898 071	9 622	570 683	877 529	7 616	558 690
bushels	21 355 414	180 558	12 080 412	21 044 961	157 725	11 900 848
Hay crops — acres	1 633 568	72 116	1 359 191	1 436 883	37 696	1 195 564
tons, dry	3 729 147	130 064	2 956 963	3 451 667	89 207	2 707 060

[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.

MICHIGAN

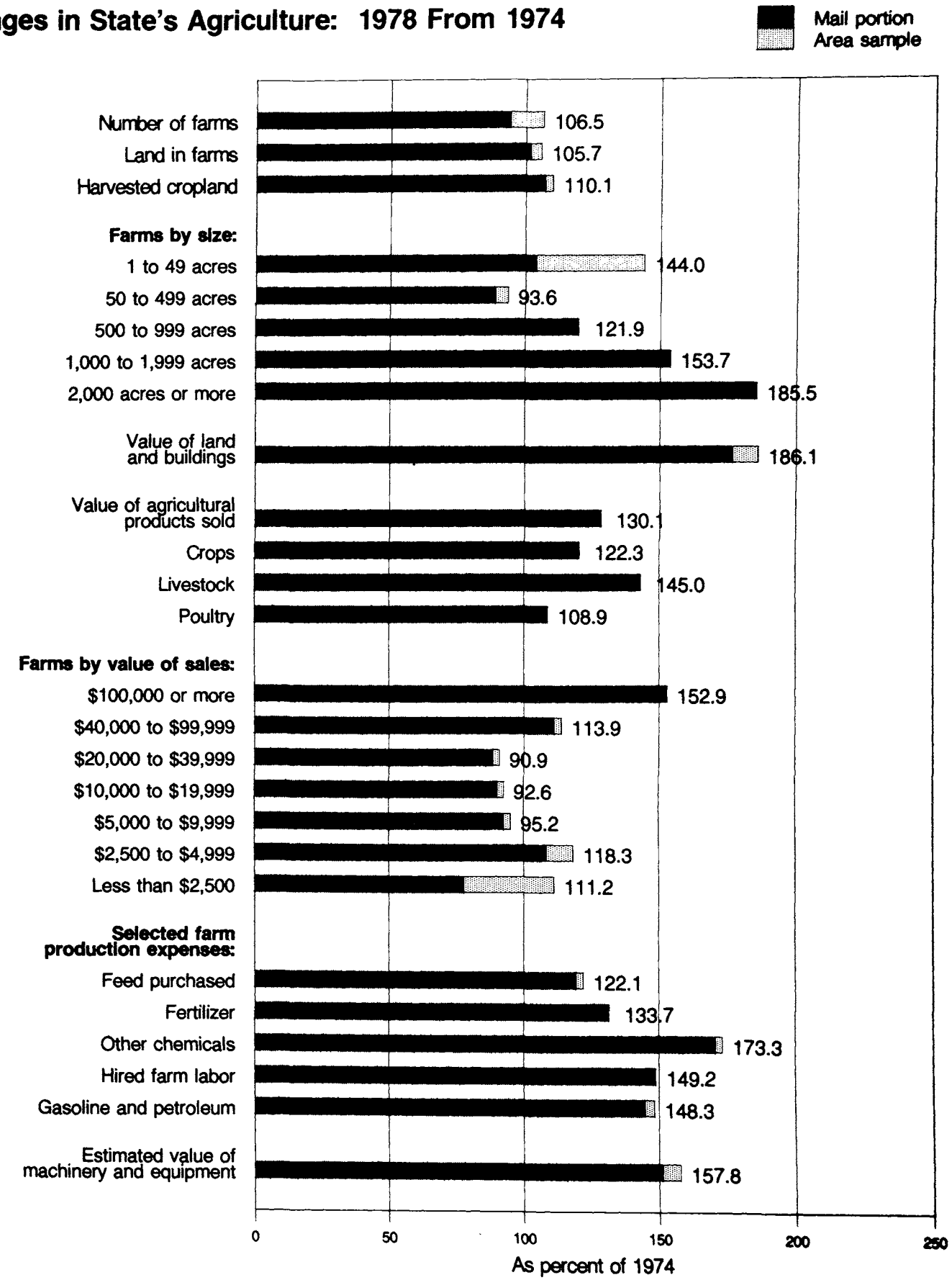


U. S. DEPARTMENT OF COMMERCE
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Chart 1.

Changes in State's Agriculture: 1978 From 1974

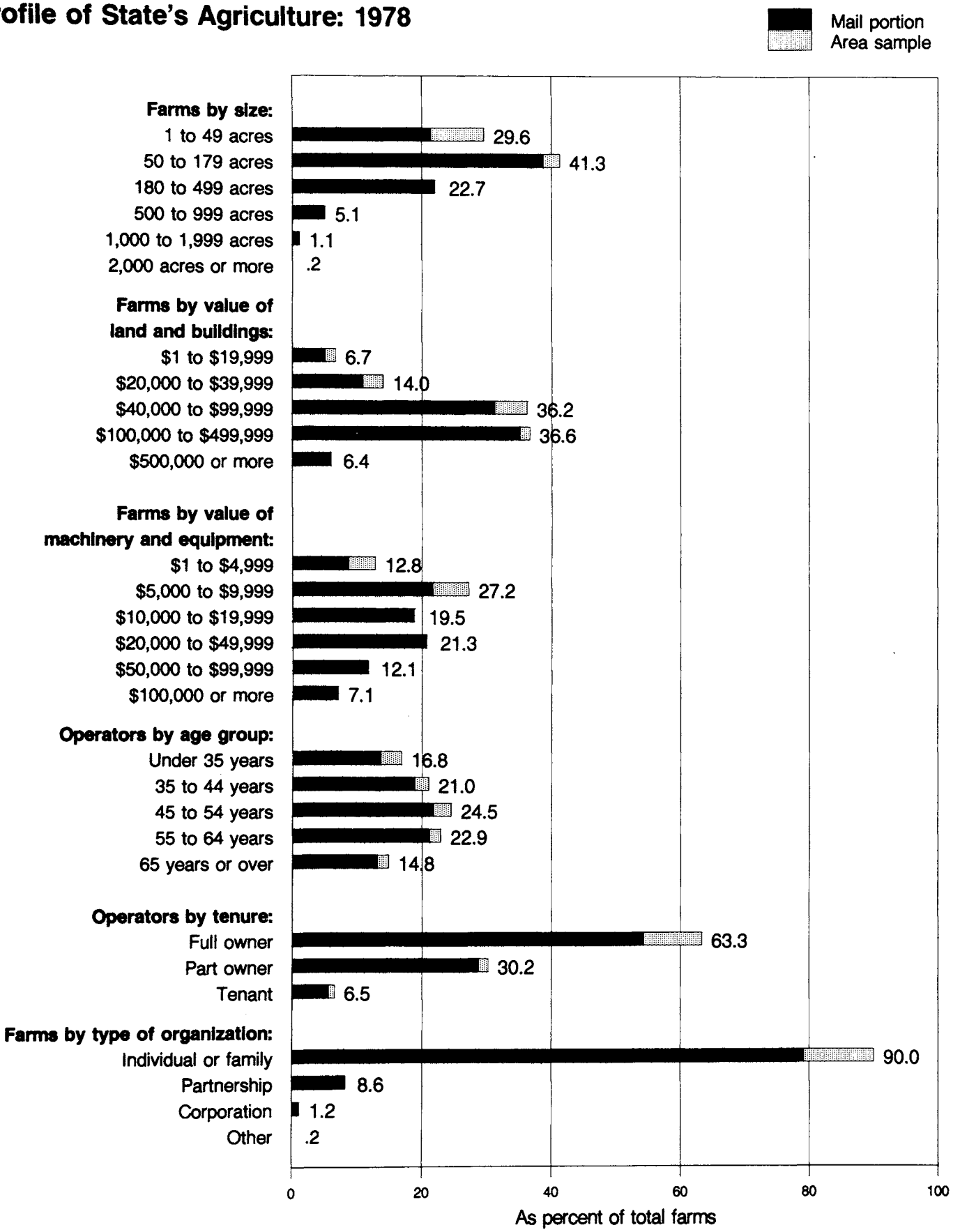


U.S. Department of Commerce BUREAU OF THE CENSUS

MICHIGAN

Chart 2.

Profile of State's Agriculture: 1978



U.S. Department of Commerce BUREAU OF THE CENSUS

MICHIGAN

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

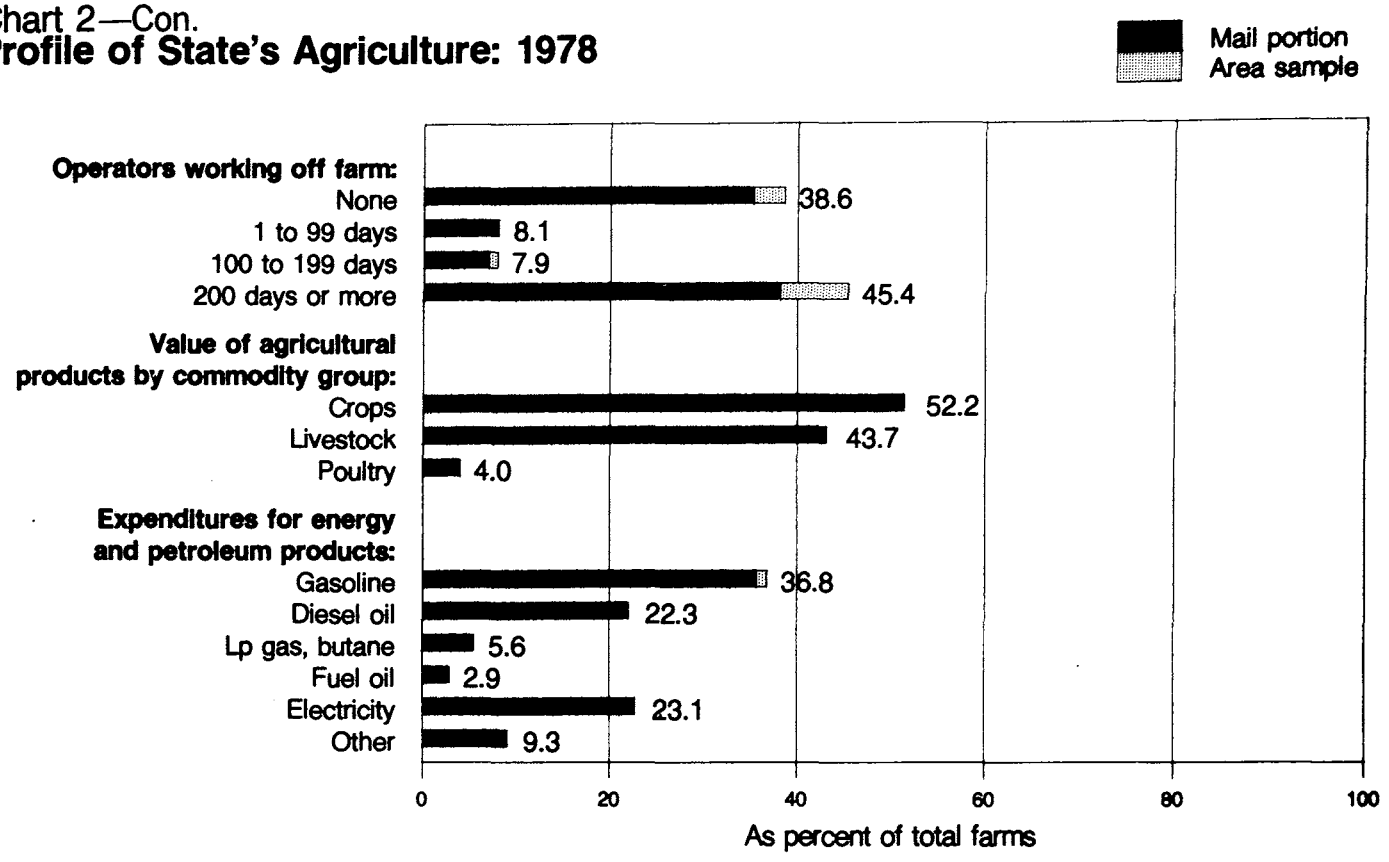
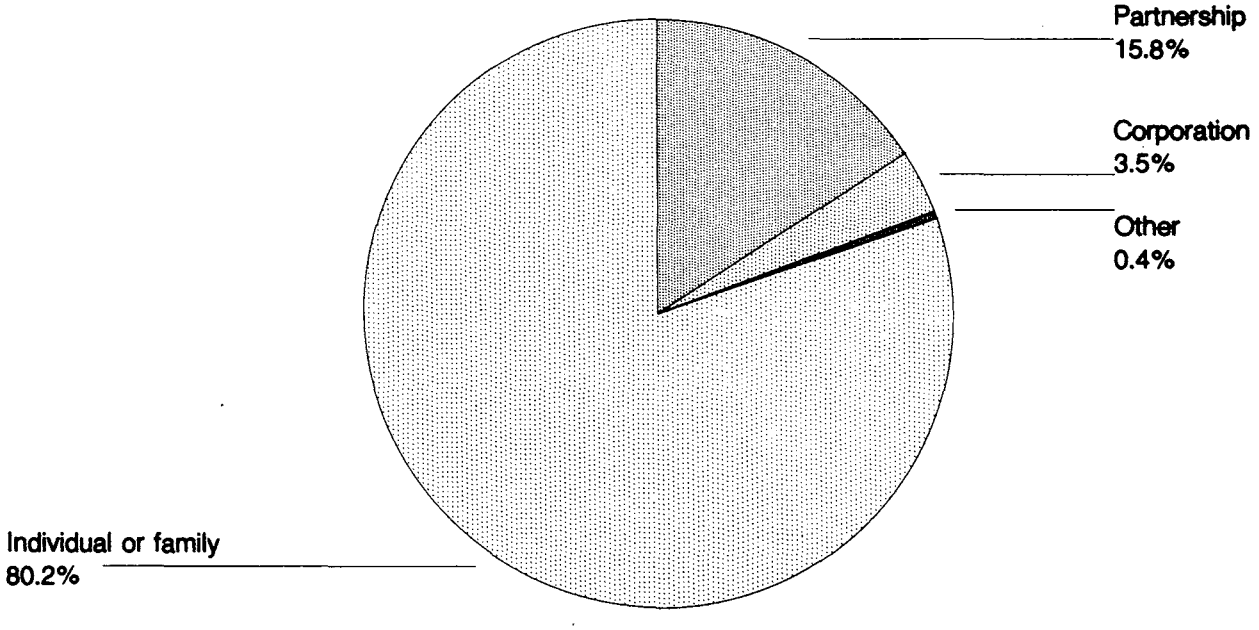


Chart 3.
Land in Farms by Type of Organization: 1978



U.S. Department of Commerce BUREAU OF THE CENSUS

MICHIGAN

Chart 4.
Farms by Value of Sales: 1978

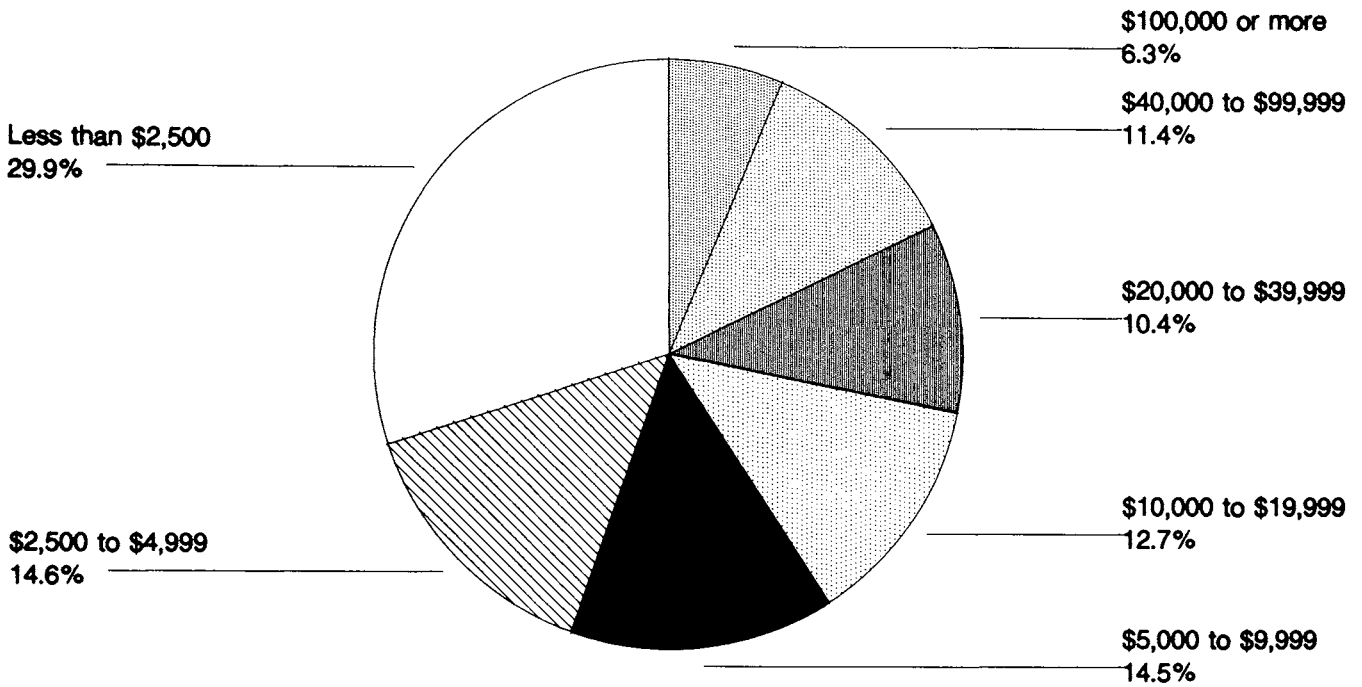
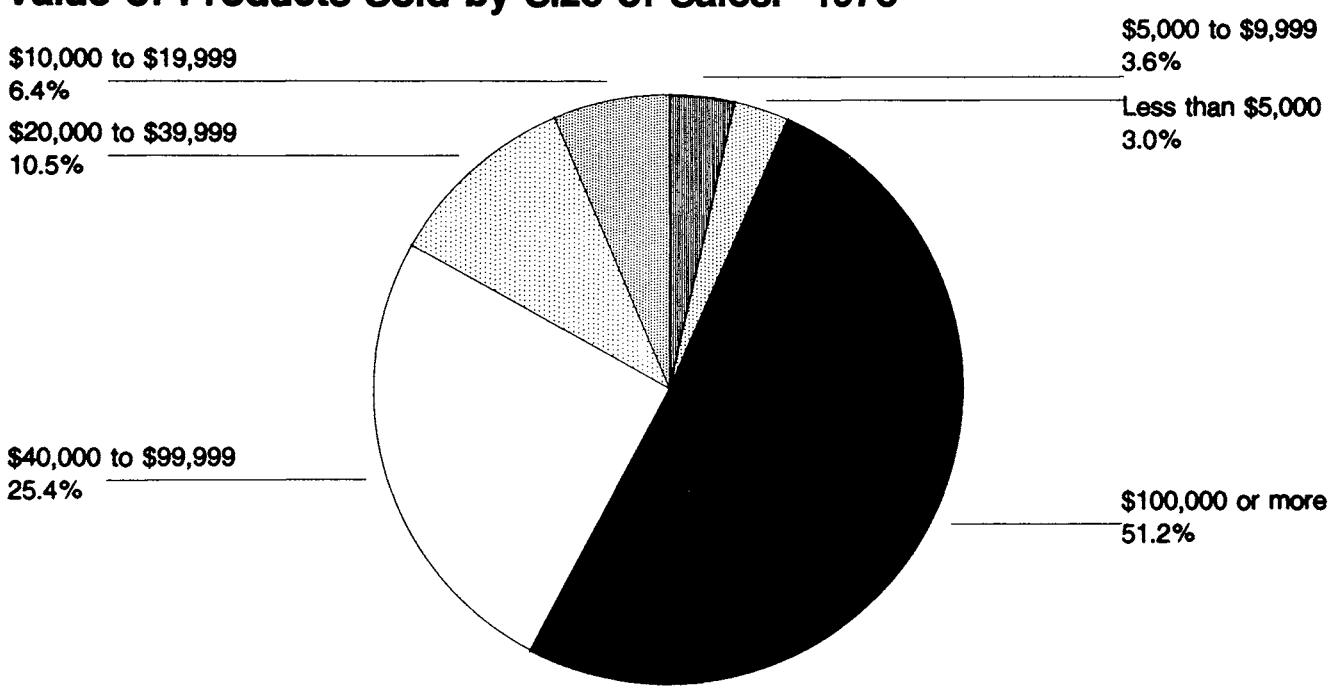


Chart 5.
Value of Products Sold by Size of Sales: 1978

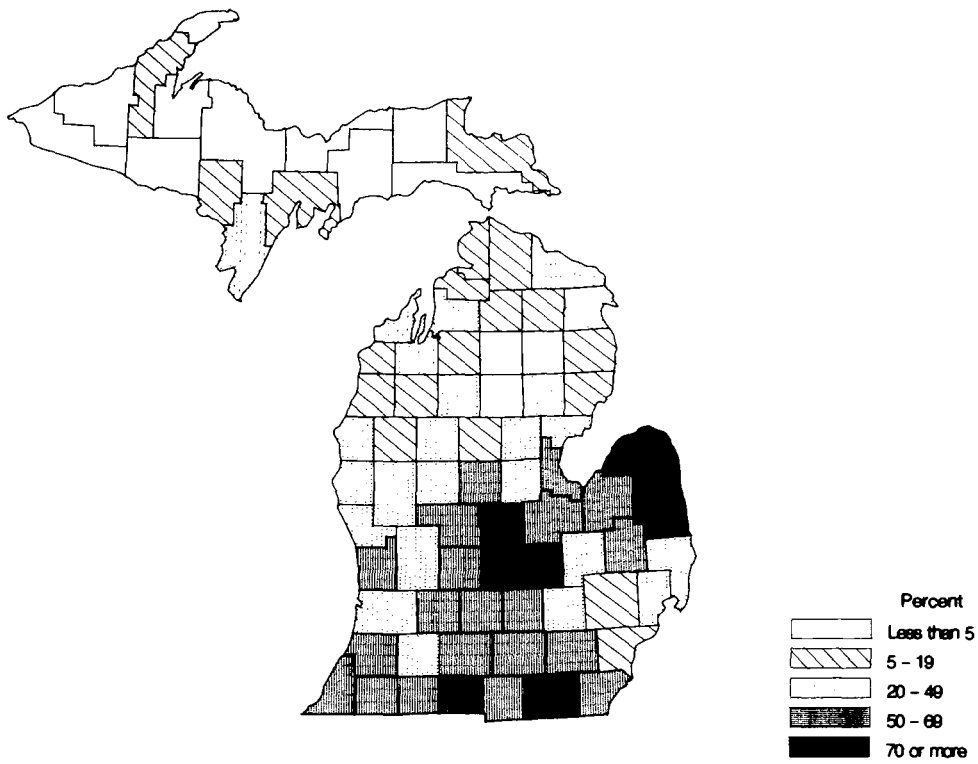


U.S. Department of Commerce BUREAU OF THE CENSUS

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

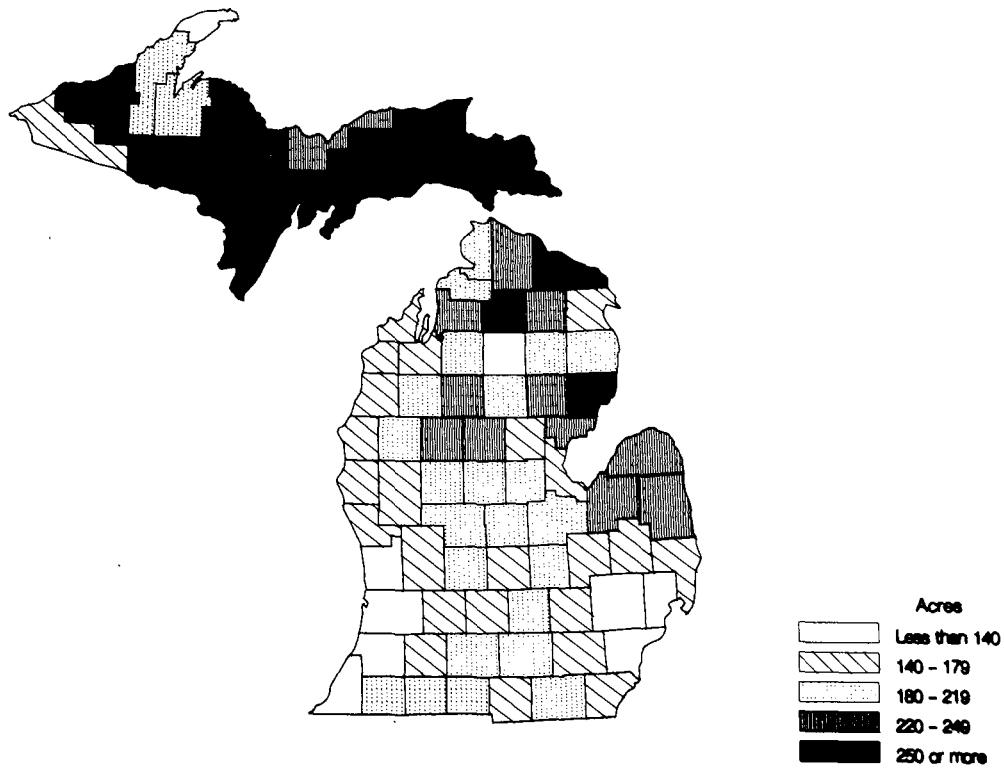
As percent of land in county

State average 31.5 percent



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

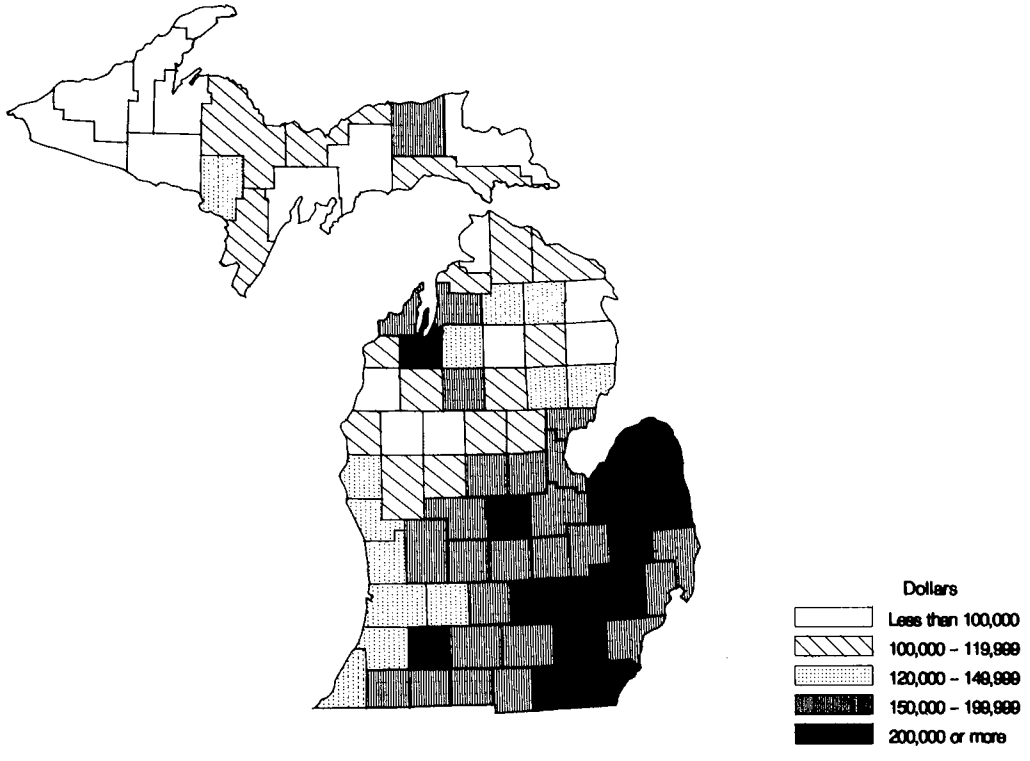
Average size 168 acres



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

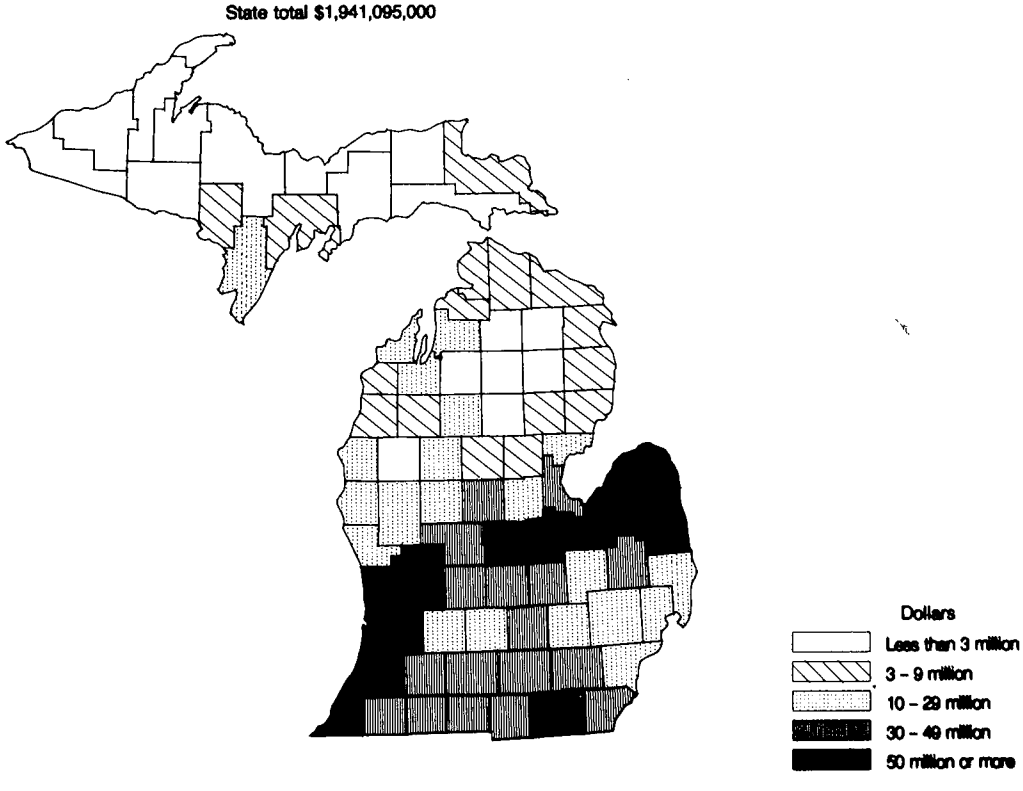
Average per farm

State average $163,311



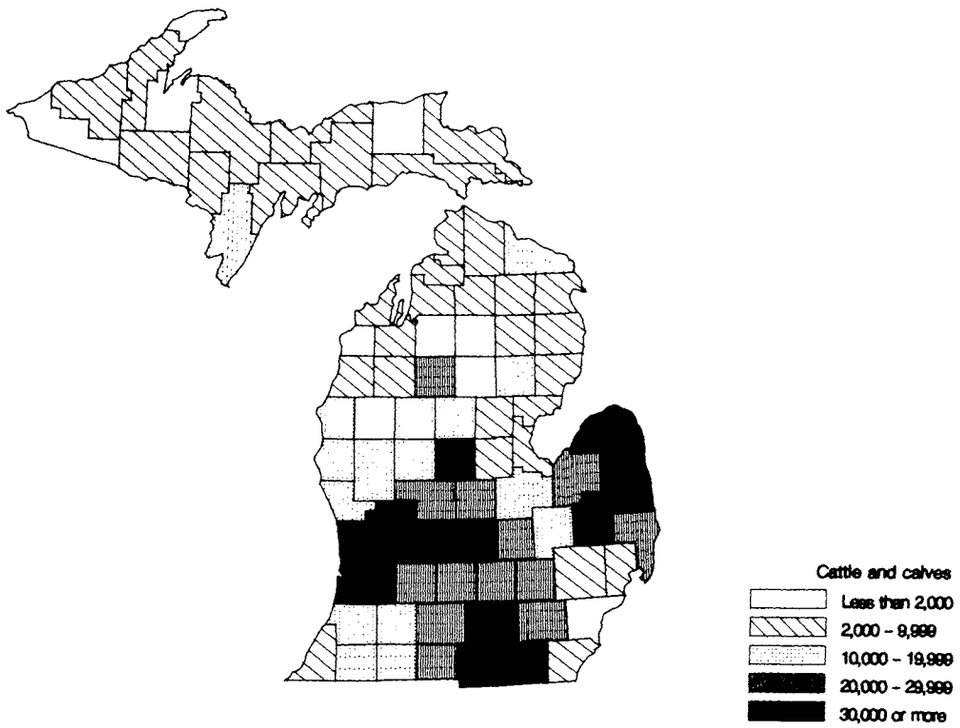
Map 4. **Value of Agricultural Products Sold by County: 1978**

State total $1,941,095,000



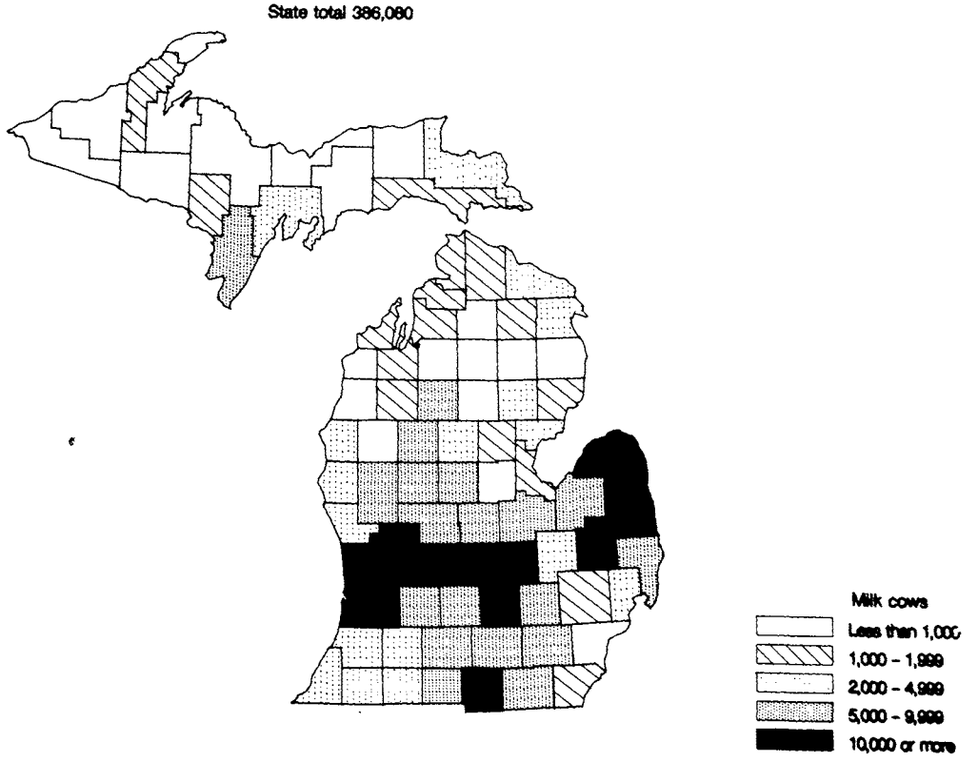
Map 5. **Cattle and Calves Inventory by County: 1978**

State total 1,276,204



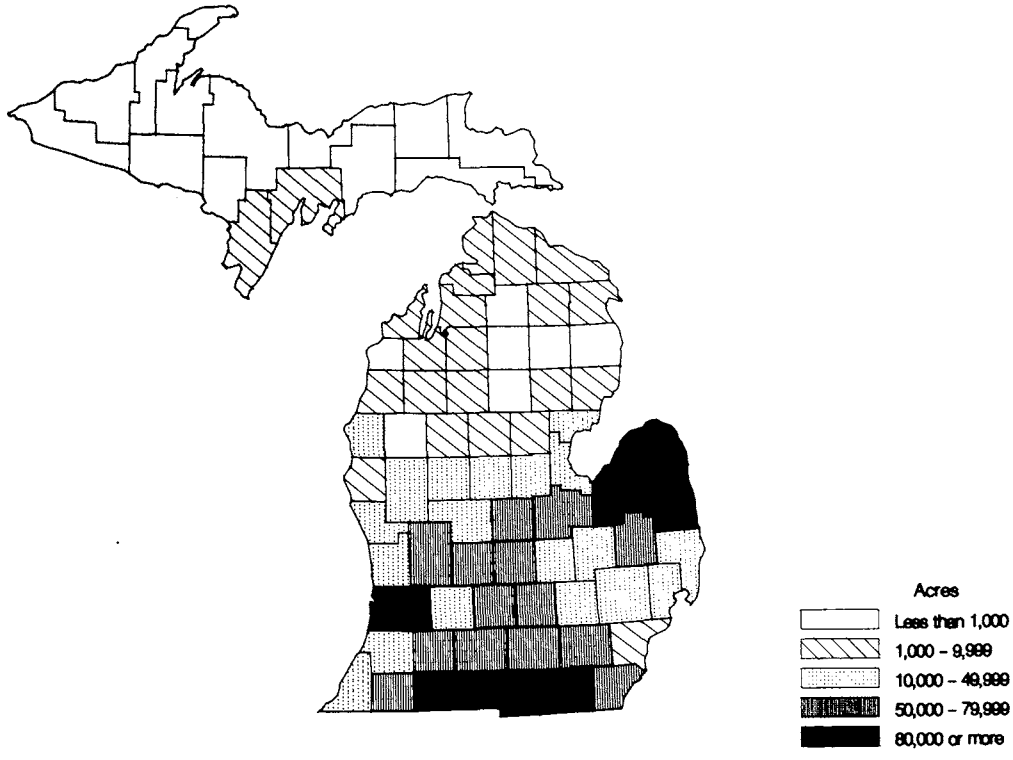
Map 6. **Milk Cows Inventory by County: 1978**

State total 386,080



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

State total 2,385,858 acres



Map 8. **Soybeans Harvested for Beans by County: 1978**

State total 898,071 acres

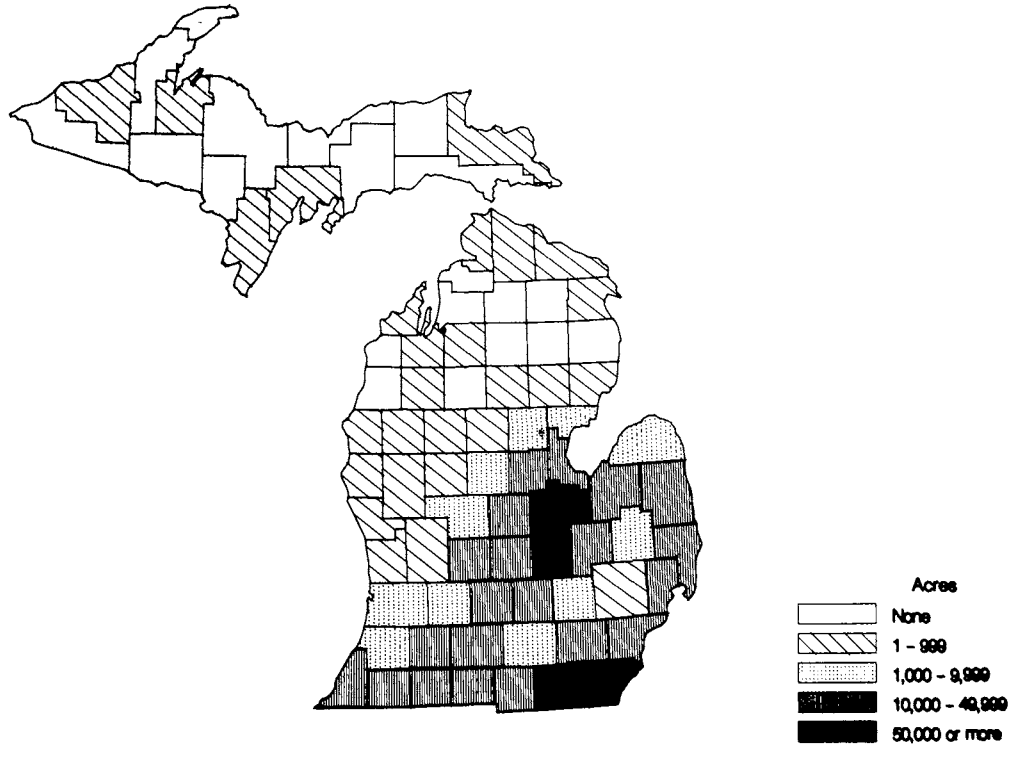


Table 1. **Farms, Land in Farms, and Land Use: 1945 to 1978**

	1978	1974	1969	1964	1959	1954	1950	1945
All farms — number	68 237	64 094	77 946	93 504	111 817	138 922	155 589	175 268
Land in farms — acres	11 448 182	10 832 234	11 900 689	13 598 992	14 782 507	16 466 750	17 269 992	18 392 227
Average size of farm — acres	168	169	153	145	132	119	111	105
Approximate land area — acres	36 366 720	36 362 688	36 362 688	36 492 160	36 492 160	36 494 080	36 494 080	36 494 080
Proportion in farms — percent	31.5	29.8	32.7	37.3	40.5	45.1	47.3	50.4
Value of land and buildings:[1]								
Average per farm — dollars	163 311	93 435	49 821	34 027	25 535	15 800	10 935	6 843
Average per acre — dollars	975	553	326	233	193	133	99	65
Farms by value of land and buildings:								
$1 to $9,999	1 347	2 201	7 829	14 933	(NA)	(NA)	(NA)	(NA)
$10,000 to $19,999	3 219	5 924	15 442	25 829	(NA)	(NA)	(NA)	(NA)
$20,000 to $39,999	9 540	15 239	24 748	28 135	(NA)	(NA)	(NA)	(NA)
$40,000 to $69,999	15 256	15 667	15 325	14 528	(NA)	(NA)	(NA)	(NA)
$70,000 to $99,999	9 471	7 648	6 121	5 003	(NA)	(NA)	(NA)	(NA)
$100,000 to $149,999	8 835	6 905	4 292	3 010	(NA)	(NA)	(NA)	(NA)
$150,000 to $199,999	5 068	3 608	1 845	1 054	(NA)	(NA)	(NA)	(NA)
$200,000 to $499,999	11 104	5 717	2 012	923	(NA)	(NA)	(NA)	(NA)
$500,000 or more	4 396	1 185	332	89	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:								
Total cropland — farms	66 105	62 914	75 656	91 560	108 922	134 118	150 573	171 344
acres	8 664 886	8 005 478	8 580 391	9 454 589	9 956 811	10 788 098	11 043 142	11 209 638
Harvested cropland — farms	62 951	60 836	70 605	87 947	104 712	126 757	144 239	165 709
acres	6 953 675	6 317 638	5 501 729	6 738 032	7 154 811	7 658 801	7 797 346	8 520 587
Farms by acres harvested:								
1 to 49 acres	30 683	28 007	37 108	42 816	52 636	67 536	81 831	96 601
1 to 9 acres	6 888	4 989	7 654	9 458	11 387	16 960	21 132	27 136
10 to 19 acres	7 710	6 837	9 546	9 974	12 187	14 033	16 950	18 882
20 to 29 acres	6 595	6 112	7 926	8 757	10 495	13 043	15 593	17 879
30 to 49 acres	9 490	10 069	11 982	14 627	18 567	23 500	28 156	32 704
50 to 99 acres	12 558	13 944	15 893	22 213	28 786	36 431	42 037	48 368
100 to 199 acres	9 822	10 310	11 332	16 273	18 157	18 970	17 735	18 280
200 to 499 acres	7 780	7 074	5 730	6 311	4 923	3 691	2 550	2 368
500 to 999 acres	1 726	1 283	493	307	196	123	77	84
1,000 acres or more	382	218	49	27	14	6	9	8
1,000 to 1,999 acres	342	195	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more	40	23	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing[2] — farms	22 895	25 323	32 241	40 577	53 174	75 259	85 404	78 013
acres	759 707	909 389	1 090 891	1 147 426	1 398 495	1 912 374	1 982 565	1 785 748
Other cropland — farms	30 535	24 513	50 388	52 728	52 656	57 478	58 736	(NA)
acres	951 504	778 451	1 987 771	1 569 131	1 403 505	1 216 923	1 263 231	903 303
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured — farms	9 371	(NA)	(NA)	25 379	18 207	(NA)	(NA)	(NA)
acres	215 480	(NA)	(NA)	639 219	392 317	(NA)	(NA)	(NA)
Cropland on which all crops failed — farms	3 868	(NA)	(NA)	6 187	(NA)	(NA)	(NA)	11 764
acres	75 541	(NA)	(NA)	85 964	(NA)	(NA)	(NA)	112 468
Cropland in cultivated summer fallow[3] — farms	7 685	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres	174 602	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland idle — farms	18 621	(NA)	(NA)	34 447	(NA)	42 773	(NA)	41 685
acres	485 881	(NA)	(NA)	843 948	(NA)	867 715	(NA)	790 835
Total woodland — farms	36 331	35 034	45 809	59 084	71 005	85 667	95 838	96 895
acres	1 580 310	1 535 092	1 843 581	2 479 395	2 843 685	3 416 323	3 720 868	3 501 442
Woodland pastured — farms	8 996	(NA)	(NA)	22 527	30 595	47 437	60 812	66 955
acres	340 659	(NA)	(NA)	908 090	1 136 770	1 741 731	2 144 821	2 275 143
Woodland not pastured — farms	30 646	(NA)	(NA)	45 177	51 397	51 470	51 427	42 767
acres	1 239 651	(NA)	(NA)	1 571 305	1 706 915	1 674 592	1 576 047	1 226 299
Other land — farms	53 260	51 016	62 391	(NA)	(NA)	(NA)	(NA)	(NA)
acres	1 202 986	1 291 664	1 476 717	1 665 008	1 982 011	2 262 329	2 505 982	3 681 147
Pastureland and rangeland other than cropland and woodland pastured — farms	7 352	(NA)	(NA)	17 651	23 437	31 990	39 350	74 524
acres	325 232	(NA)	(NA)	576 808	692 618	937 395	1 101 459	2 287 259
Land in house lots, ponds, roads, wasteland, etc. — farms	52 054	(NA)	(NA)	89 572	(NA)	134 356	148 922	170 765
acres	877 754	(NA)	(NA)	1 088 200	1 289 393	1 324 934	1 404 523	1 393 888
Irrigated land — farms	3 192	2 036	2 150	2 041	1 909	1 408	995	347
acres	226 208	96 839	77 097	48 991	40 178	23 473	13 901	2 850

[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	47 796	46 647	44 175
Land in farms — acres	10 224 206	9 549 692	9 142 760
Average size of farm — acres	214	205	207
Value of land and buildings:[1]			
Average per farm — dollars	204 613	112 958	67 982
Average per acre — dollars	964	552	328
Land in farms according to use:			
Total cropland — farms	46 951	46 008	43 491
acres	7 992 385	7 289 394	6 905 342
Harvested cropland — farms	45 888	45 438	42 586
acres	6 609 166	5 993 074	4 839 384
Farms by acres harvested:			
1 to 49 acres	14 608	13 503	11 597
50 to 99 acres	11 666	13 081	13 503
100 to 199 acres	9 741	10 287	11 222
200 to 499 acres	7 770	7 072	5 728
500 to 999 acres	1 722	1 279	488
1,000 acres or more	381	216	48
1,000 to 1,999 acres	341	193	45
2,000 acres or more	40	23	3
Cropland used only for pasture or grazing — farms	15 148	17 137	19 266
acres	607 018	677 502	779 488
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured — farms	7 065	5 087	9 916
acres	180 639	133 680	339 097
Land in farms according to use—Con.			
Total cropland—Con.			
Cropland on which all crops failed — farms	2 556	2 594	2 326
acres	57 965	60 116	49 457
Cropland in cultivated summer fallow — farms	6 056	6 948	12 456
acres	152 611	171 010	318 938
Cropland idle — farms	13 406	8 473	16 392
acres	384 986	254 012	578 978
Total woodland — farms	26 290	25 841	27 818
acres	1 245 440	1 234 342	1 301 762
Woodland pastured — farms	6 680	7 884	10 321
acres	281 456	343 808	442 093
Woodland not pastured — farms	22 210	21 097	21 301
acres	963 984	890 534	859 669
Pastureland and rangeland other than cropland and woodland pastured — farms	5 563	6 363	7 423
acres	279 954	282 110	313 325
Land in house lots, ponds, roads, wasteland, etc. — farms	35 688	36 300	34 549
acres	706 427	743 846	622 331
Pastureland, all types — farms	20 594	22 867	25 225
acres	1 168 428	1 303 420	1 534 906
Irrigated land — farms	2 901	1 774	1 719
acres	224 658	94 950	69 515

[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	68 237	64 094	11 448 182	10 832 234	6 953 675	6 317 638	226 208	96 839
with harvested cropland	62 951	60 836	11 203 150	10 591 248	6 953 675	6 317 638	226 105	96 816
with irrigated land	3 192	2 036	901 476	452 953	589 533	273 736	226 208	96 839
Farms by size:								
1 to 9 acres — number	3 581	1 788	14 686	7 201	5 879	3 668	539	371
with harvested cropland	1 770	1 133	9 065	5 565	5 879	3 668	539	371
with irrigated land	263	180	1 228	839	648	431	539	371
10 to 49 acres — number	16 614	12 233	478 017	379 631	248 026	201 633	4 652	3 322
with harvested cropland	14 529	11 140	432 975	349 196	248 026	201 633	4 611	3 302
with irrigated land	632	456	17 206	12 370	7 509	5 584	4 652	3 322
50 to 69 acres — number	4 935	5 001	287 713	293 069	154 151	149 995	2 989	2 220
with harvested cropland	4 725	4 699	275 555	275 659	154 151	149 995	2 959	2 217
with irrigated land	198	150	11 575	8 817	5 611	3 910	2 989	2 220
70 to 99 acres — number	9 737	10 577	794 364	859 815	400 684	441 995	5 843	4 078
with harvested cropland	9 185	10 133	749 928	824 315	400 684	441 995	5 823	4 078
with irrigated land	284	225	23 274	18 449	12 188	10 066	5 843	4 078
100 to 139 acres — number	7 890	8 524	918 772	992 826	482 618	516 378	7 821	4 247
with harvested cropland	7 661	8 218	891 808	957 590	482 618	516 378	7 821	4 247
with irrigated land	283	191	32 607	22 185	15 557	11 268	7 821	4 247
140 to 179 acres — number	5 617	6 465	884 215	1 015 368	477 991	537 135	5 951	4 152
with harvested cropland	5 501	6 315	866 166	991 916	477 991	537 135	5 940	4 152
with irrigated land	189	132	29 786	20 938	16 047	11 049	5 951	4 152
180 to 219 acres — number	3 975	4 398	782 849	867 284	452 519	481 509	8 670	4 004
with harvested cropland	3 927	4 300	773 463	848 049	452 519	481 509	8 670	4 004
with irrigated land	170	103	33 337	20 333	19 744	11 123	8 670	4 004
220 to 259 acres — number	3 127	3 358	743 691	796 177	453 778	457 019	8 704	4 530
with harvested cropland	3 072	3 304	730 655	783 368	453 778	457 019	8 703	4 530
with irrigated land	140	87	33 286	20 594	21 471	12 263	8 704	4 530
260 to 499 acres — number	8 388	8 322	2 943 161	2 908 312	1 854 597	1 783 699	43 625	18 290
with harvested cropland	8 227	8 197	2 888 815	2 866 131	1 854 597	1 783 699	43 625	18 290
with irrigated land	473	278	169 327	98 689	111 403	58 745	43 625	18 290
500 to 999 acres — number	3 511	2 880	2 311 521	1 889 369	1 546 746	1 234 942	68 526	25 405
with harvested cropland	3 495	2 855	2 301 067	1 873 697	1 546 746	1 234 942	68 526	25 405
with irrigated land	385	175	263 987	121 429	181 756	81 716	68 526	25 405
1,000 to 1,999 acres — number	747	486	949 779	620 288	666 749	404 938	41 547	14 460
with harvested cropland	745	480	947 239	612 868	666 749	404 938	41 547	14 460
with irrigated land	137	44	174 918	58 137	121 008	39 740	41 547	14 460
2,000 acres or more — number	115	62	339 414	202 894	209 937	104 727	27 341	11 760
with harvested cropland	114	62	336 414	202 894	209 937	104 727	27 341	11 760
with irrigated land	38	15	110 945	50 173	76 591	27 841	27 341	11 760
5,000 acres or more — number	8	(NA)	63 971	(NA)	29 255	(NA)	6 157	(NA)
with harvested cropland	8	(NA)	63 971	(NA)	29 255	(NA)	6 157	(NA)
with irrigated land	3	(NA)	23 066	(NA)	16 723	(NA)	6 157	(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	68 237	64 094	77 946	439	270	198
acres	11 448 182	10 832 234	11 900 689	39 552	31 356	18 458
Harvested cropland — farms	62 951	60 836	70 605	346	242	164
acres	6 953 675	6 317 638	5 501 729	21 355	15 143	7 267
Full owners — farms	43 167	42 867	56 258	284	204	166
acres	4 513 287	4 976 754	6 687 455	17 688	17 449	14 392
Harvested cropland — farms	38 534	39 931	49 509	196	179	135
acres	2 143 841	2 342 421	2 508 086	7 202	6 846	4 700
Part owners — farms	20 626	17 973	17 440	134	58	25
acres	6 304 014	5 343 554	4 596 736	19 650	12 621	3 170
Harvested cropland — farms	20 352	17 778	17 150	133	56	22
acres	4 351 831	3 617 903	2 630 139	12 504	7 195	1 783
Tenants — farms	4 444	3 254	4 248	21	8	7
acres	630 881	511 926	616 498	2 214	1 286	896
Harvested cropland — farms	4 065	3 127	3 946	17	7	7
acres	458 003	357 314	363 504	1 649	1 102	784
Percent of tenancy — percent	6.5	5.1	5.4	4.8	3.0	3.5
Farms by type of organization:						
Individual or family — farms	61 399	(NA)	(NA)	413	(NA)	(NA)
acres	9 180 975	(NA)	(NA)	33 118	(NA)	(NA)
Partnership — farms	5 890	(NA)	(NA)	23	(NA)	(NA)
acres	1 813 363	(NA)	(NA)	3 206	(NA)	(NA)
Corporations — farms	787	(NA)	(NA)	2	(NA)	(NA)
acres	403 992	(NA)	(NA)	(D)	(NA)	(NA)
Family held:						
More than 10 stockholders — farms	14	(NA)	(NA)	–	(NA)	(NA)
acres	16 049	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders — farms	680	(NA)	(NA)	2	(NA)	(NA)
acres	338 921	(NA)	(NA)	(D)	(NA)	(NA)
Other than family held:						
More than 10 stockholders — farms	11	(NA)	(NA)	–	(NA)	(NA)
acres	16 191	(NA)	(NA)	–	(NA)	(NA)
10 or less stockholders — farms	82	(NA)	(NA)	–	(NA)	(NA)
acres	32 831	(NA)	(NA)	–	(NA)	(NA)
Other – cooperative, estate or trust, institutional, etc. — farms	161	(NA)	(NA)	1	(NA)	(NA)
acres	49 852	(NA)	(NA)	(D)	(NA)	(NA)

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

	All farms			Farms operated by Black and other races[1]		
	1978	1974	1969	1978	1974	1969
Operators by age group:[1]						
Under 25 years	2 317	1 421	1 642	6	5	3
25 to 34 years	9 140	7 148	8 702	93	45	11
35 to 44 years	14 307	12 237	15 715	66	53	32
45 to 54 years	16 743	16 203	21 023	83	66	55
55 to 64 years	15 648	16 141	18 935	135	50	49
65 years and over	10 082	10 452	11 929	56	51	48
Average age	49.3	50.9	50.4	48.5	49.1	53.9
Operators by place of residence:[1]						
On farm operated	56 145	48 874	63 350	382	199	149
Not on farm operated	6 850	6 342	8 085	38	40	27
Not reported	5 242	8 878	6 511	19	31	22
Operators reporting days of work off farm:[1]						
None	24 111	19 760	(NA)	102	56	(NA)
Any	41 877	34 349	49 652	321	181	134
1 to 49 days	3 832	3 309	5 927	16	9	12
50 to 99 days	1 692	1 622	2 824	7	16	11
100 to 149 days	1 885	1 863	6 094	17	11	16
150 to 199 days	3 511	3 006		25	17	
200 days or more	30 957	24 549	34 807	256	128	95
Not reporting	2 249	9 493	(NA)	16	33	(NA)
Operators by principal occupation:[1]						
Farming	30 923	34 438	(NA)	131	112	(NA)
Other	37 314	29 164	(NA)	308	158	(NA)
Operators by sex:						
Male—farms	65 601	(NA)	(NA)	411	(NA)	(NA)
acres	11 186 926	(NA)	(NA)	36 028	(NA)	(NA)
Female—farms	2 636	(NA)	(NA)	28	(NA)	(NA)
acres	261 256	(NA)	(NA)	3 524	(NA)	(NA)
Operators of Spanish origin—farms	301	(NA)	(NA)	19	(NA)	(NA)
acres	34 136	(NA)	(NA)	1 788	(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—farms	41 946	190	42 627	143	38 519	73
acres	8 076 505	24 878	8 049 388	23 805	7 497 635	9 710
Partnership—farms	5 075	13	3 552	8	5 227	8
acres	1 754 094	2 442	1 245 008	851	1 462 469	1 994
Corporations—farms	681	2	420	(NA)	277	–
acres	371 383	(D)	243 817	(NA)	150 122	–
Family held:						
More than 10 stockholders—farms	14	–	(NA)	(NA)	(NA)	(NA)
acres	(D)	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders—farms	575	2	(NA)	(NA)	(NA)	(NA)
acres	306 686	(D)	(NA)	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders—farms	11	–	(NA)	(NA)	(NA)	(NA)
acres	16 191	–	(NA)	(NA)	(NA)	(NA)
10 or less stockholders—farms	81	–	(NA)	(NA)	(NA)	(NA)
acres	(D)	–	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.—farms	94	1	48	(NA)	152	–
acres	22 224	(D)	11 479	(NA)	32 534	–

[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	Expenses ($1,000)	1974	1969
Livestock and poultry purchased—farms	21 323	(X)	21 054	27 747
$1,000	(X)	148 965	105 358	85 819
Farms with expenses of—				
$1 to $499	8 537	1 730	9 405	13 380
$500 to $999	3 438	2 305	3 254	4 275
$1,000 to $4,999	5 506	12 065	5 264	6 807
$5,000 to $9,999	1 439	9 786	1 309	1 544
$10,000 to $14,999	599	7 084	836	1 741
$15,000 to $19,999	363	6 170		
$20,000 to $29,999	522	12 239		
$30,000 to $39,999	231	7 684	986	
$40,000 to $49,999	140	6 064		
$50,000 to $79,999	248	15 393		
$80,000 or more	300	68 446		
Feed for livestock and poultry—farms	33 390	(X)	33 153	41 264
$1,000	(X)	184 066	150 759	84 811
Farms with expenses of—				
$1 to $499	11 872	2 337	14 035	20 603
$500 to $999	5 284	3 649	4 517	6 505
$1,000 to $4,999	9 627	21 347	8 970	10 904
$5,000 to $9,999	2 944	20 522	2 592	1 853
$10,000 to $14,999	1 279	15 125	1 618	1 399
$15,000 to $19,999	658	11 288		
$20,000 to $29,999	641	15 035		
$30,000 to $39,999	320	10 856	1 421	
$40,000 to $79,999	502	26 696		
$80,000 or more	263	57 212		
Commercially mixed formula feeds—farms	17 632	(X)	22 125	24 854
$1,000	(X)	109 396	98 139	50 200
Farms by tons purchased:				
1 to 49 tons	15 559	(X)	19 956	23 065
50 to 99 tons	1 115	(X)	1 061	856
100 to 199 tons	466	(X)	586	473
200 to 499 tons	314	(X)	341	307
500 to 799 tons	76	(X)	181	153
800 to 999 tons	18	(X)		
1,000 tons or more	84	(X)		
Farms with expenses of—				
$1 to $499	5 399	1 070	10 689	13 462
$500 to $999	2 473	1 719	2 661	3 843
$1,000 to $4,999	6 041	14 190	5 502	5 817
$5,000 to $9,999	1 886	12 911	1 421	864
$10,000 to $14,999	695	8 235	985	867
$15,000 to $19,999	293	5 003		
$20,000 to $29,999	275	6 511		
$30,000 to $39,999	141	4 758	867	
$40,000 to $49,999	91	3 969		
$50,000 or more	338	51 031		
Animal health cost—farms	26 982	(X)	(NA)	(NA)
$1,000	(X)	13 719	(NA)	(NA)
Farms with expenses of—				
$1 to $99	9 951	428	(NA)	(NA)
$100 to $499	10 826	2 408	(NA)	(NA)
$500 to $999	2 681	1 784	(NA)	(NA)
$1,000 to $2,999	2 688	4 186	(NA)	(NA)
$3,000 to $4,999	487	1 746	(NA)	(NA)
$5,000 or more	349	3 166	(NA)	(NA)
Seeds, bulbs, plants, and trees—farms	49 785	(X)	46 462	53 286
$1,000	(X)	81 192	52 018	23 508
Farms with expenses of—				
$1 to $499	23 171	4 856	25 775	42 525
$500 to $999	9 286	6 471	8 939	6 367
$1,000 to $4,999	14 096	29 662	10 195	4 046
$5,000 to $9,999	2 182	14 502	1 032	197
$10,000 to $19,999	750	9 822	521	151
$20,000 or more	300	15 879		

All Farms

	1978			
	Farms	Expenses ($1,000)	1974	1969
Commercial fertilizer—farms	51 962	(X)	49 851	59 188
$1,000	(X)	175 929	131 619	53 169
Farms with expenses of—				
$1 to $499	14 768	3 467	16 704	34 765
$500 to $999	8 707	6 106	9 011	10 254
$1,000 to $4,999	19 326	44 682	17 361	12 616
$5,000 to $9,999	4 759	32 691	3 962	1 216
$10,000 to $19,999	2 980	39 983	1 973	337
$20,000 to $29,999	754	17 418	840	
$30,000 to $39,999	319	10 512		
$40,000 or more	349	21 070		
Other agricultural chemicals including lime—farms	47 047	(X)	34 122	(NA)
$1,000	(X)	68 555	39 559	22 383
Farms with expenses of—				
$1 to $99	7 561	355	6 532	(NA)
$100 to $499	16 810	4 325	13 369	(NA)
$500 to $999	8 055	5 531	5 552	(NA)
$1,000 to $1,999	6 184	8 309	7 166	(NA)
$2,000 to $4,999	5 381	16 044		
$5,000 to $9,999	1 888	12 313	1 503	(NA)
$10,000 to $19,999	847	10 890		
$20,000 or more	321	10 790		
Hired farm labor—farms	22 925	(X)	19 737	32 418
$1,000	(X)	137 307	92 002	70 564
Farms with expenses of—				
$1 to $99	1 753	91	2 543	17 901
$100 to $499	5 764	1 459	5 696	
$500 to $999	3 568	2 423	2 610	4 831
$1,000 to $2,499	4 178	6 733	3 094	4 499
$2,500 to $4,999	2 676	9 482	2 052	2 268
$5,000 to $9,999	1 985	13 943	1 763	1 541
$10,000 to $19,999	1 552	21 654	1 066	1 378
$20,000 to $29,999	647	15 229	913	
$30,000 to $49,999	369	13 670		
$50,000 or more	433	52 623		
Contract labor—farms	3 305	(X)	1 887	(NA)
$1,000	(X)	12 435	5 370	(NA)
Farms with expenses of—				
$1 to $499	1 080	288	730	(NA)
$500 to $999	543	370	385	(NA)
$1,000 to $4,999	1 232	2 711	567	(NA)
$5,000 to $9,999	206	1 424	109	(NA)
$10,000 to $19,999	139	2 036	96	(NA)
$20,000 or more	105	5 607		
Customwork, machine hire, and rental of machinery and equipment—farms	27 246	(X)	26 679	(NA)
$1,000	(X)	27 175	20 359	(NA)
Farms with expenses of—				
$1 to $499	14 752	3 075	16 671	(NA)
$500 to $999	5 039	3 443	4 890	(NA)
$1,000 to $4,999	6 717	13 531	4 602	(NA)
$5,000 to $9,999	518	3 375	396	(NA)
$10,000 to $19,999	183	2 366	120	(NA)
$20,000 or more	37	1 385		
Energy and petroleum products expenses—farms	67 900	(X)	(NA)	(NA)
$1,000	(X)	131 249	(NA)	(NA)
Farms with expenses of—				
$1 to $499	25 961	6 273	(NA)	(NA)
$500 to $999	14 450	10 402	(NA)	(NA)
$1,000 to $1,999	11 414	16 253	(NA)	(NA)
$2,000 to $4,999	10 086	31 624	(NA)	(NA)
$5,000 to $9,999	3 978	27 385	(NA)	(NA)
$10,000 to $19,999	1 524	20 248	(NA)	(NA)
$20,000 to $39,999	374	9 864	(NA)	(NA)
$40,000 or more	113	9 201	(NA)	(NA)
Petroleum products—farms	67 865	(X)	62 156	76 752
$1,000	(X)	100 165	67 528	39 971
Farms with expenses of—				
$1 to $499	31 183	7 256	29 466	52 166
$500 to $999	13 832	9 735	13 780	14 371
$1,000 to $1,999	10 526	14 923	17 136	9 871
$2,000 to $4,999	8 247	25 696		
$5,000 to $9,999	2 879	19 529	1 376	270
$10,000 to $19,999	933	12 228	398	74
$20,000 or more	265	10 797		

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	63 969	(X)	45 413	(X)	44 278	43 157
$1,000	(X)	48 248	(X)	44 625	39 081	24 843
Farms with expenses of—						
$1 to $499	36 647	7 786	19 318	4 947	18 858	25 298
$500 to $999	13 034	8 950	11 819	8 213	12 896	11 734
$1,000 to $1,999	8 669	11 810	8 664	11 805	8 486	4 921
$2,000 to $4,999	4 879	13 727	4 874	13 714	3 595	1 083
$5,000 to $9,999	615	3 901	614	(D)	362	121
$10,000 to $19,999	91	1 174	91	1 174	81	
$20,000 or more	34	898	33	(D)		
Diesel fuel—farms	30 923	(X)	27 522	(X)	20 660	14 912
$1,000	(X)	29 236	(X)	28 748	14 024	4 579
Farms with expenses of—						
$1 to $499	16 983	3 576	13 685	3 162	12 521	12 458
$500 to $999	5 927	4 120	5 832	4 061	4 196	1 689
$1,000 to $1,999	4 278	5 751	4 272	(D)	2 521	565
$2,000 to $4,999	2 855	8 384	2 853	(D)	1 205	184
$5,000 to $9,999	710	4 484	710	4 484	176	16
$10,000 or more	170	2 922	170	2 922	41	
LP gas, butane, and propane—farms	7 003	(X)	6 554	(X)	5 300	5 238
$1,000	(X)	7 407	(X)	7 346	3 599	1 251
Farms with expenses of—						
$1 to $99	1 127	50	873	44	1 234	2 545
$100 to $499	2 349	572	2 190	544	2 027	2 078
$500 to $999	1 310	918	1 276	(D)	969	408
$1,000 to $2,499	1 183	1 622	1 181	(D)	1 012	207
$2,500 to $4,999	833	2 448	833	2 448	58	
$5,000 or more	201	1 797	201	1 797		
Motor oil, grease, natural gas, kerosene, and fuel oil—farms	67 865	(X)	48 059	(X)	45 326	43 980
$1,000	(X)	15 273	(X)	14 472	7 019	3 799
Farms with expenses of—						
$1 to $99	43 951	1 519	25 854	1 062	29 296	34 209
$100 to $499	19 521	3 879	17 943	3 630	14 293	9 120
$500 to $999	2 760	1 792	2 641	1 722	1 224	436
$1,000 to $2,999	962	1 250	959	1 246	436	215
$3,000 to $4,999	389	1 130	380	1 109		
$5,000 or more	282	5 702	282	5 702	77	

	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	5 800	(X)	1 509	(X)	67 864	(X)	45 918	(X)	2 137	(X)
dollars	(X)	3 760	(X)	4 568	(X)	6 945	(X)	30 372	(X)	713
Farms with expenses of—										
$1 to $99	1 677	75	191	11	46 728	1 621	9 193	423	573	27
$100 to $999	3 572	1 169	883	355	20 680	4 634	29 371	9 782	1 471	452
$1,000 to $1,999	310	392	117	160	388	460	4 032	5 542	73	86
$2,000 to $4,999	162	452	134	399	61	159	2 666	7 648	13	39
$5,000 or more	79	1 672	184	3 644	7	70	656	6 976	7	108

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	63 969	81 896	48 248	58.9	43 833	40 327	21 009	479
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	17 717	26 090	14 303	807
Diesel fuel	30 923	60 663	29 236	48.2	23 494	24 635	13 000	553
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	9 230	18 056	9 255	1 003
LP gas, butane, and propane	7 003	18 728	7 407	39.6	4 566	5 852	4 348	952
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	3 598	5 540	4 166	1 158
Fuel oil	5 800	8 143	3 760	46.2	3 023	2 683	1 587	525
Storage capacity of 500 gallons or more	(X)	(X)	(X)	(X)	763	1 982	1 067	1 398

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	22 925	20 314	16 755	24 263
workers	143 011	135 838	139 875	186 426
payroll, $1,000	137 307	134 991	90 342	68 277
Workers by number of days worked:				
150 days or more—farms	7 002	6 867	4 506	4 331
workers	18 426	18 203	12 273	9 879
Less than 150 days—farms	20 152	17 623	14 876	22 756
workers	124 585	117 635	127 602	176 547
Contract labor—farms	3 305	2 832	1 555	2 695
expenses, $1,000	12 435	12 178	5 250	6 792

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	68 237	64 094	77 946	47 796	46 647	44 175
$1,000	1 941 095	1 491 439	829 451	1 916 846	1 467 705	796 496
Average per farm — dollars	28 446	23 270	10 641	40 105	31 464	18 030
Farms by value of agricultural products sold:						
Less than $2,500 (see text) — farms	20 415	18 360	34 817	(X)	937	1 064
$1,000	21 300	21 983	32 236	(X)	1 377	1 348
$2,500 to $4,999 — farms	9 963	8 420	11 508	9 963	8 420	11 508
$1,000	36 147	30 903	41 655	36 147	30 903	41 655
$5,000 to $7,499 — farms	5 980	6 085	6 649	5 980	6 085	6 649
$1,000	36 455	37 370	40 819	36 455	37 370	40 819
$7,500 to $9,999 — farms	3 933	4 327	4 238	3 933	4 327	4 238
$1,000	33 879	37 461	36 708	33 879	37 461	36 708
$10,000 to $14,999 — farms	5 319	5 712	5 513	5 319	5 712	5 513
$1,000	65 070	69 679	67 598	65 070	69 679	67 598
$15,000 to $19,999 — farms	3 380	3 681	3 769	3 380	3 681	3 769
$1,000	58 359	63 625	65 206	58 359	63 625	65 206
$20,000 to $29,999 — farms	4 243	4 713	4 838	4 243	4 713	4 838
$1,000	103 494	115 412	118 011	103 494	115 412	118 011
$30,000 to $39,999 — farms	2 871	3 115	2 621	2 871	3 115	2 621
$1,000	99 326	107 474	89 759	99 326	107 474	89 759
$40,000 to $59,999 — farms	3 888	3 671	1 993	3 888	3 671	1 993
$1,000	189 987	178 995	96 178	189 987	178 995	96 178
$60,000 to $79,999 — farms	2 342	2 049	820	2 342	2 049	820
$1,000	161 914	141 071	56 240	161 914	141 071	56 240
$80,000 to $99,999 — farms	1 575	1 128	426	1 575	1 128	426
$1,000	140 192	100 702	37 734	140 192	100 702	37 734
$100,000 or more — farms	4 302	2 809	736	4 302	2 809	736
$1,000	992 024	583 636	145 241	992 024	583 636	145 241
$100,000 to $199,999 — farms	2 839	2 028	558	2 839	2 028	558
$1,000	389 781	273 426	(NA)	389 781	273 426	(NA)
$200,000 to $499,999 — farms	1 205	650	147	1 205	650	147
$1,000	342 923	188 786	(NA)	342 923	188 786	(NA)
$500,000 or more — farms	258	131	31	258	131	31
$1,000	259 319	121 424	(NA)	259 319	121 424	(NA)
Abnormal farms — farms	26	24	18	(X)	(X)	(X)
$1,000	2 948	3 128	2 067	(X)	(X)	(X)
Farm sales by commodity or commodity group:						
Crops, including nursery and greenhouse products — farms	51 210	54 365	61 984	40 147	41 513	37 592
$1,000	1 013 585	828 866	349 704	1 000 471	814 714	330 016
Grains — farms	37 610	(NA)	(NA)	31 637	34 602	30 131
$1,000	519 370	(NA)	(NA)	512 867	441 892	132 469
Commodity Credit Corporation loans — farms	3 407	(NA)	(NA)	3 209	(NA)	(NA)
$1,000	30 127	(NA)	(NA)	30 038	(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)	–	–	2
$1,000	–	(NA)	(NA)	–	–	2
Field seeds, hay, forage, and silage — farms	16 427	(NA)	(NA)	12 105	12 789	11 243
$1,000	56 688	(NA)	(NA)	52 573	36 210	15 324
Vegetables, sweet corn, and melons — farms	4 160	(NA)	(NA)	3 318	2 969	3 439
$1,000	98 425	(NA)	(NA)	97 841	66 555	38 917
Fruits, nuts, and berries — farms	5 303	(NA)	(NA)	4 139	3 913	4 510
$1,000	161 685	(NA)	(NA)	160 563	108 166	70 191
Nursery and greenhouse products — farms	1 688	1 483	(NA)	1 229	1 174	934
$1,000	103 862	70 510	(NA)	103 214	70 145	37 017
Other crops — farms	2 263	(NA)	(NA)	2 175	2 432	3 723
$1,000	73 555	(NA)	(NA)	73 413	91 746	36 096
Livestock, poultry, and their products sold — farms	34 373	34 685	43 032	25 817	26 474	30 007
$1,000	927 510	657 721	475 210	916 376	648 310	462 296
Poultry and poultry products — farms	3 861	3 859	(NA)	2 270	2 626	3 582
$1,000	78 376	71 976	(NA)	77 925	71 658	47 578
Dairy products — farms	8 405	(NA)	(NA)	8 274	9 861	14 379
$1,000	436 006	(NA)	(NA)	434 912	315 216	218 698
Cattle and calves — farms	24 534	(NA)	(NA)	19 868	21 979	(NA)
$1,000	263 312	(NA)	(NA)	257 710	181 456	140 757
Sheep, lambs, and wool — farms	2 512	(NA)	(NA)	1 406	1 655	
$1,000	4 872	(NA)	(NA)	4 267	3 818	
Hogs and pigs — farms	9 431	(NA)	(NA)	7 157	6 299	(NA)
$1,000	126 173	(NA)	(NA)	124 188	67 801	55 263
Other livestock and livestock products (see text) — farms	3 990	(NA)	(NA)	2 267	1 371	
$1,000	18 773	(NA)	(NA)	17 374	8 360	

[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	6 787	(X)	4 474	(X)
$1,000	(X)	22 405	(X)	21 244
Average per farm — dollars	(X)	3 301	(X)	4 748
Farms by value of direct sales:				
$1 to $99	718	32	251	12
$100 to $249	877	144	449	74
$250 to $499	1 127	394	532	190
$500 to $999	1 150	788	709	487
$1,000 to $4,999	2 046	4 443	1 664	3 878
$5,000 to $9,999	429	2 893	429	2 893
$10,000 to $19,999	222	3 027	222	3 027
$20,000 to $29,999	92	2 130	92	2 130
$30,000 or more	126	8 554	126	8 554

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	6 013	6 097	8 134	5 323	5 317	6 704
$1,000	12 499	12 704	9 268	11 757	12 178	8 352
Average per farm—dollars	2 079	2 084	1 139	2 209	2 290	1 246
Income from machine work, customwork, and other agricultural services:						
$1 to $249	1 617	(NA)	(NA)	1 238	1 301	2 335
$250 to $499	921	(NA)	(NA)	825	816	1 248
$500 to $999	1 042	(NA)	(NA)	972	976	1 189
$1,000 to $4,999	1 755	(NA)	(NA)	1 680	1 643	1 622
$5,000 to $9,999	432	(NA)	(NA)	362	326	194
$10,000 to $19,999	172	(NA)	(NA)	172	255	116
$20,000 to $29,999	44	(NA)	(NA)	44		
$30,000 or more	30	(NA)	(NA)	30		

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

All Farms

	Farms	Land in farms (acres)	Harvested cropland (acres)	Selected capital assets,[1] average per farm (dollars): Value of land and buildings	Selected capital assets,[1] average per farm (dollars): Value of machinery and equipment	Value of sales ($1,000): Total	Value of sales ($1,000): Crops, including nursery and greenhouse products	Value of sales ($1,000): Livestock and livestock products	Value of sales ($1,000): Poultry and poultry products
Total	68 237	11 448 182	6 953 675	163 311	30 417	1 941 095	1 013 585	849 135	78 376
Crops (01)	42 105	6 490 233	4 214 928	161 984	28 807	966 197	912 934	51 970	1 293
Cash grains (011)	23 852	4 328 226	3 108 157	187 734	32 661	470 090	439 755	29 496	840
Wheat (0111)	870	80 596	36 471	96 997	13 609	3 185	3 117	66	2
Rice (0112)	–	–	–	–	–	–	–	–	–
Corn (0115)	9 227	1 689 378	1 138 562	180 562	31 976	171 450	162 792	8 435	223
Soybeans (0116)	5 984	799 842	617 226	150 983	27 636	82 395	80 594	1 739	61
Cash grains, n.e.c.[2] (0119)	7 771	1 758 410	1 315 898	235 662	39 641	213 060	193 250	19 255	555
Field crops, except cash grains (013)	7 241	981 941	474 571	115 113	19 988	85 948	82 072	3 799	76
Cotton (0131)	–	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–	–
Sugar crops (0133)	215	56 034	46 847	380 566	68 323	9 394	9 228	157	9
Irish potatoes (0134)	303	135 246	77 563	373 963	116 620	38 424	37 732	670	22
Field crops, except cash grains, n.e.c.[2] (0139)	6 723	790 661	350 161	96 260	14 313	38 129	35 112	2 971	46
Vegetables and melons (016)	2 063	227 131	132 178	145 238	29 319	91 438	89 532	1 888	17
Fruits and tree nuts (017)	4 344	442 373	213 840	133 097	28 124	163 736	160 020	3 669	47
Berry crops (0171)	977	67 114	19 253	86 669	21 908	20 722	20 534	181	7
Grapes (0172)	565	30 116	15 172	79 444	15 274	7 849	7 752	97	1
Tree nuts (0173)	1	(D)	(D)	–	–	–	–	–	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	2 301	315 475	169 126	177 336	37 713	131 231	127 962	3 230	38
Fruits and tree nuts, n.e.c.[2] (0179)	500	(D)	(D)	91 087	10 684	3 934	3 772	161	1
Horticultural specialties (018)	1 354	81 533	29 851	137 988	26 784	104 725	104 623	100	2
Ornamental floriculture and nursery products (0181)	1 320	79 977	29 686	132 182	26 021	93 192	93 091	99	2
Food crops grown under cover (0182)	22	1 007	86	598 226	85 625	11 215	11 215	–	–
Horticultural specialties, n.e.c.[2] (0189)	12	549	79	64 750	21 000	318	317	1	–
General farms, primarily crop (019)	3 251	429 029	256 331	138 660	21 732	50 262	36 933	13 018	310
Livestock (02)	26 132	4 957 949	2 738 747	165 475	33 040	974 898	100 651	797 165	77 082
Livestock, except dairy, poultry, and animal specialties (021)	15 503	2 225 658	994 998	124 335	20 664	337 175	43 954	292 159	1 062
Beef cattle feedlots (0211)	3 646	589 768	331 120	155 802	26 201	134 606	15 206	119 092	308
Beef cattle, except feedlots (0212)	5 435	843 142	259 989	102 854	15 476	57 385	6 782	50 367	236
Hogs (0213)	4 284	501 414	273 176	129 407	22 909	117 106	15 281	101 557	268
Sheep and goats (0214)	891	68 723	14 981	57 429	9 138	2 876	326	2 516	34
General livestock, except dairy, poultry, and animal specialties (0219)	1 247	222 611	115 732	155 914	27 580	25 202	6 359	18 627	216
Dairy (024)	7 031	2 320 053	1 536 581	270 841	66 059	500 464	38 477	460 680	1 307
Poultry and eggs (025)	654	78 568	41 041	168 985	39 684	80 361	5 246	2 270	72 845
Broiler, fryer, and roaster chickens (0251)	23	957	499	50 704	13 311	526	41	20	465
Chicken eggs (0252)	539	62 694	36 018	175 400	39 795	60 861	4 729	1 974	54 158
Turkey and turkey eggs (0253)	30	7 909	2 478	248 095	101 064	13 780	305	124	13 351
Poultry hatcheries (0254)	5	1 250	610	110 437	19 753	1 709	52	11	1 647
Poultry and eggs, n.e.c.[2] (0259)	57	5 758	1 436	139 717	26 369	3 485	119	142	3 225
Animal specialties (027)	1 890	90 505	18 586	93 281	11 163	17 645	447	17 191	7
Fur-bearing animals and rabbits (0271)	75	4 100	578	47 671	12 885	3 393	20	3 373	–
Horses and other equines (0272)	1 432	71 724	16 294	94 882	10 937	8 276	351	7 918	6
Animal specialties, n.e.c.[2] (0279)	383	14 681	1 714	95 031	11 735	5 976	76	5 899	1
General farms, primarily livestock (029)	1 054	243 165	147 541	202 776	32 249	39 253	12 527	24 864	1 861

[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		1974	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment — farms	68 136	(X)	61 877	(X)
$1,000	(X)	2 072 471	(X)	1 313 311
Average per farm — dollars	(X)	30 417	(X)	21 225
By value group:				
$1 to $999	581	296	399	244
$1,000 to $4,999	8 123	24 494	9 833	29 420
$5,000 to $9,999	18 559	123 962	13 399	94 352
$10,000 to $19,999	13 294	175 999	14 775	203 472
$20,000 to $29,999	7 183	164 514	9 554	227 646
$30,000 to $49,999	7 324	269 127	8 239	303 893
$50,000 to $69,999	4 747	262 739	2 948	163 678
$70,000 or more	8 325	1 051 340	2 730	290 605
$70,000 to $99,999	3 496	281 465	(NA)	(NA)
$100,000 to $199,999	3 722	477 034	(NA)	(NA)
$200,000 to $499,999	1 055	259 250	(NA)	(NA)
$500,000 or more	52	33 591	(NA)	(NA)

	1978						1974		
	Total		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1970 to 1974
Selected machinery and equipment:									
Automobiles	46 446	65 000	28 079	33 957	24 404	31 043	51 604	68 517	40 666
2 or 3	12 516	27 354	4 458	9 562	4 980	10 642	12 857	27 646	10 912
4 or more	1 009	4 725	226	1 000	262	1 239	614	2 738	526
Motortrucks, including pickups	55 349	83 399	30 042	35 098	34 551	48 301	51 099	73 597	30 663
2 or 3	14 734	32 992	3 280	7 037	8 068	17 733	13 062	28 917	5 669
4 or more	2 237	12 029	297	1 596	938	5 023	1 621	8 264	1 026
Wheel tractors	62 719	157 697	15 522	23 051	59 266	134 646	58 057	139 883	22 540
2 or 3	32 157	76 776	4 220	9 363	30 775	72 847	(NA)	(NA)	(NA)
4 or more	12 761	63 120	629	3 015	8 783	42 091	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	18 347	19 474	3 941	4 090	14 635	15 384	13 990	14 649	3 083
Cornpickers, corn heads, and picker-shellers	26 871	31 692	5 404	5 908	22 228	25 784	24 268	27 358	6 025
Corn heads for combines	10 600	11 333	3 461	3 598	7 291	7 735	6 772	7 098	2 614
Other cornpickers and picker-shellers	19 459	20 359	2 270	2 310	17 261	18 049	19 525	20 260	3 411
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	20 689	22 066	6 195	6 310	14 721	15 756	15 424	15 924	4 652
Pickup balers	25 189	26 039	4 547	4 670	20 959	21 369	23 502	23 897	4 351
Field forage harvesters, shear bar or flywheel type	11 176	12 986	3 045	3 244	8 578	9 742	10 341	11 682	3 182

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

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

	All farms, 1978	Farms with sales of $2,500 or more	
		1978	1974
Agricultural chemicals, including commercial fertilizer and lime — farms	55 765	43 628	40 828
$1,000	244 485	239 154	167 786
Commercial fertilizer — farms	51 962	41 586	39 709
acres on which used	5 745 950	5 587 505	4 410 824
$1,000	175 929	172 063	128 788
Lime — farms	8 145	6 730	3 745
acres on which used	260 968	245 774	149 205
tons	549 528	516 585	326 240
Farms by tons used:			
1 to 49 tons	4 941	3 696	1 847
50 to 99 tons	1 546	1 416	971
100 to 199 tons	1 121	1 083	540
200 to 499 tons	451	449	330
500 to 999 tons	70	70	43
1,000 tons or more	16	16	14
Sprays, dusts, granules, fumigants, etc. to control:			
Insects on hay and other crops — farms	17 801	15 123	(NA)
acres on which used	1 551 173	1 522 215	838 352
Nematodes in crops — farms	2 620	2 382	271
acres on which used	227 341	224 631	11 394
Diseases in crops and orchards — farms	7 659	5 959	2 267
acres on which used	419 475	406 540	151 813
Weeds, grass, or brush in crops and pasture — farms	33 811	28 565	(NA)
acres on which used	3 706 728	3 626 221	2 486 946
Chemicals for:			
Defoliation or for growth control of crops or thinning of fruit — farms	2 105	1 781	543
acres on which used	94 153	90 354	31 711
Insect control on livestock and poultry — farms	12 154	10 006	2 916
Sanitation and rodent and bird control — farms	8 552	6 953	(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	3 192	2 036	2 150	2 901	1 774	1 719
Proportion of farms ---- percent	4.7	3.2	2.7	6.1	3.8	3.8
Irrigated land ---- acres	226 208	96 839	77 097	224 658	94 950	69 515
Average per farm ---- acres	71	48	358	77	54	404
Irrigated farms by acres irrigated:						
1 to 9 acres ---- farms	1 255	918	874	1 008	697	628
acres	4 313	(NA)	(NA)	3 683	2 580	2 713
10 to 49 acres ---- farms	844	635	866	802	603	733
acres	19 216	(NA)	(NA)	18 472	13 679	16 397
50 to 99 acres ---- farms	418	232	231	417	228	179
acres	29 214	(NA)	(NA)	(D)	15 850	12 230
100 to 199 acres ---- farms	375	153	124	374	148	124
acres	49 847	(NA)	(NA)	(D)	19 834	16 141
200 to 499 acres ---- farms	239	79	45	239	79	45
acres	70 059	(NA)	(NA)	70 059	22 400	12 403
500 to 999 acres ---- farms	47	13	6	47	13	6
acres	30 068	(NA)	(NA)	30 068	8 780	4 169
1,000 acres or more ---- farms	14	6	4	14	6	4
acres	23 491	(NA)	(NA)	23 491	11 827	5 462
Irrigated land use:						
Harvested cropland ---- farms	3 136	(NA)	(NA)	2 868	1 764	1 693
acres	222 946	(NA)	(NA)	221 746	93 702	66 359
Pastureland ---- farms	40	(NA)	(NA)	28	(NA)	(NA)
acres	716	(NA)	(NA)	611	192	398
Other land ---- farms	145	(NA)	(NA)	118	41	85
acres	2 546	(NA)	(NA)	2 301	1 056	2 758
Land in irrigated farms ---- acres	901 476	452 953	395 772	884 494	440 026	365 028
Cropland ---- acres	696 857	(NA)	(NA)	689 462	328 524	261 751
Harvested cropland ---- acres	589 533	273 736	191 871	586 200	270 898	183 372

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	68 237	3 192	1 000	65 045
Land in farms ---- acres	11 448 182	901 476	101 698	10 546 706
Value of land and buildings:[1]				
Average per farm ---- dollars	163 311	329 672	188 459	154 903
Average per acre ---- dollars	975	1 171	1 900	958
Irrigated land ---- acres	226 208	226 208	48 589	(X)
Land in farms according to use:				
Total cropland ---- farms	66 105	3 191	1 000	62 914
acres	8 664 886	696 857	66 940	7 968 029
Harvested cropland ---- farms	62 951	3 180	1 000	59 771
acres	6 953 675	589 533	46 998	6 364 142
Total pastureland, excluding woodland pastured ---- farms	27 594	702	128	26 892
acres	1 084 939	39 225	3 178	1 045 714
Inventory of livestock:				
Cattle and calves ---- farms	28 406	587	48	27 819
number	1 276 204	67 279	1 536	1 208 925
Milk cows ---- farms	11 120	239	12	10 881
number	386 080	17 704	467	368 376
Hogs and pigs ---- farms	10 907	293	39	10 614
number	958 231	97 570	4 864	860 661
Sheep and lambs ---- farms	2 615	43	4	2 572
number	112 678	1 958	54	110 720
Estimated market value of all machinery and equipment[1] ---- farms	68 136	3 283	1 079	64 853
$1,000	2 072 471	227 468	43 623	1 845 002
Average per farm ---- dollars	30 417	69 287	40 429	28 449
Market value of agricultural products sold ---- $1,000	1 941 095	369 108	98 293	1 571 987
Average per farm ---- dollars	28 446	115 635	98 293	24 168
Crops, including nursery and greenhouse products ---- farms	51 210	3 079	971	48 131
$1,000	1 013 585	307 314	96 422	706 271
Livestock and livestock products ---- farms	33 417	843	89	32 574
$1,000	849 135	56 798	1 422	792 337
Poultry and poultry products ---- farms	3 861	140	28	3 721
$1,000	78 376	4 996	449	73 379
Selected farm production expenses:[1]				
Feed for livestock and poultry ---- farms	33 390	908	173	32 482
$1,000	184 066	11 538	462	172 529
Seed, bulbs, plants, and trees ---- farms	49 785	2 806	771	46 979
$1,000	81 192	21 361	6 683	59 832
Commercial fertilizer ---- farms	51 962	3 024	912	48 938
$1,000	175 929	23 230	3 002	152 700
Other agricultural chemicals, including lime ---- farms	47 047	3 027	959	44 020
$1,000	68 555	14 595	1 827	53 960
Energy and petroleum products ---- farms	67 900	3 283	1 079	64 617
$1,000	131 249	23 769	8 510	107 480
Hired farm labor ---- farms	22 925	2 237	680	20 688
$1,000	137 307	57 186	19 659	80 121
Contract labor ---- farms	3 305	393	123	2 912
$1,000	12 435	5 207	1 125	7 228

[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	40 499	(X)	738 379	34 373	(X)	927 510
	1974	38 049	(X)	403 486	34 685	(X)	657 721
	1969	(NA)	(X)	350 875	43 032	(X)	475 210
Value of poultry	1978	9 559	(X)	14 852	3 861	(X)	78 376
Value of livestock	1978	38 933	(X)	723 527	33 417	(X)	849 135
Cattle and calves	1978	28 406	1 276 204	628 733	24 534	685 940	263 312
	1974	30 665	1 430 262	345 586	27 566	653 930	(NA)
	1969	36 040	1 441 556	293 353	33 746	759 959	(NA)
Cows and heifers that had calved	1978	21 236	532 837	375 988	(NA)	(NA)	(NA)
	1974	23 091	588 018	216 722	(NA)	(NA)	(NA)
	1969	26 184	573 831	171 302	(NA)	(NA)	(NA)
Beef cows	1978	11 831	146 757	74 846	(NA)	(NA)	(NA)
	1974	12 839	195 130	51 709	(NA)	(NA)	(NA)
	1969	(NA)	159 924	36 783	(NA)	(NA)	(NA)
Milk cows	1978	11 120	386 080	301 142	(NA)	(NA)	(NA)
	1974	12 533	392 888	165 013	(NA)	(NA)	(NA)
	1969	17 082	413 907	134 520	(NA)	(NA)	(NA)
Hogs and pigs	1978	10 907	958 231	80 491	9 431	1 417 675	126 173
	1974	8 508	619 910	30 990	7 811	1 013 950	(NA)
	1969	10 965	699 478	29 039	10 636	1 109 623	(NA)
Feeder pigs sold	1978	(X)	(X)	(X)	2 913	321 584	13 964
	1974	(X)	(X)	(X)	2 247	190 061	(NA)
Sheep and lambs[2]	1978	2 615	112 678	6 197	2 258	77 736	4 872
	1974	2 614	149 787	4 656	2 220	120 317	(NA)
	1969	4 151	271 524	6 163	3 811	197 316	(NA)
Horses and ponies	1978	12 168	54 033	8 105	2 639	7 592	8 958
	1974	9 263	43 313	8 829	1 533	5 780	(NA)
	1969	13 008	53 869	9 557	2 013	7 614	(NA)
Chickens 3 months old or older	1978	8 118	7 089 968	11 179	1 511	6 635 168	(NA)
	1974	8 303	7 609 220	13 342	1 903	8 678 963	(NA)
	1969	9 477	7 311 189	10 714	2 907	7 205 179	(NA)
Hens and pullets of laying age	1978	7 935	6 266 068	10 026	1 202	4 565 570	(NA)
	1974	7 851	6 190 547	11 143	1 711	4 815 682	(NA)
	1969	8 742	5 904 619	9 447	2 547	4 147 687	(NA)
Broilers and other meat-type chickens	1978	2 342	224 965	175	616	501 899	(NA)
	1974	1 120	131 487	83	459	362 042	(NA)
	1969	205	151 322	62	205	737 669	(NA)
Turkeys	1978	852	510 923	3 497	514	1 112 557	(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		Farms with sales of $2,500 or more		All farms		Farms with sales of $2,500 or more	
		Farms	Number	Farms	Number	Farms	Number	Farms	Number
Any poultry	1978	9 559	(X)	4 817	(X)	2 928	(X)	1 702	(X)
	1974	8 847	(X)	5 398	(X)	2 385	(X)	1 809	(X)
Chickens 3 months old or older	1978	8 118	7 089 968	4 109	6 927 189	1 511	6 635 168	1 054	6 607 168
	1974	8 303	7 609 220	4 981	7 462 686	1 903	8 678 963	1 447	8 646 165
Farms with—									
1 to 1,599	1978	7 801	393 837	3 794	247 861	1 177	128 342	723	115 059
1,600 to 3,199	1978	37	89 903	37	89 903	37	91 552	36	(D)
3,200 to 9,999	1978	88	583 071	87	(D)	127	792 983	125	(D)
10,000 or more	1978	192	6 023 157	191	(D)	170	5 622 291	170	5 622 291
Hens and pullets of laying age	1978	7 935	6 266 068	4 026	6 141 951	1 202	4 565 570	1 005	4 543 067
	1974	7 851	6 190 547	4 756	6 070 228	1 711	4 815 682	1 324	4 786 288
Farms with—									
1 to 99	1978	6 976	177 599	3 159	83 317	608	17 539	434	13 095
100 to 399	1978	555	92 626	466	79 994	218	40 594	198	37 252
400 to 1,599	1978	106	74 522	105	(D)	79	63 843	79	63 843
1,600 to 3,199	1978	34	82 393	34	82 393	37	91 552	36	(D)
3,200 to 9,999	1978	85	561 971	84	(D)	128	804 813	126	(D)
10,000 to 19,999	1978	96	1 280 793	95	(D)	74	956 308	74	956 308
20,000 to 49,999	1978	57	1 702 364	57	1 702 364	41	1 174 501	41	1 174 501
50,000 to 99,999	1978	21	1 372 800	21	1 372 800	15	(D)	15	(D)
100,000 or more	1978	5	921 000	5	921 000	2	(D)	2	(D)
Broilers and other meat-type chickens	1978	2 342	224 965	843	187 177	616	501 899	381	487 327
	1974	1 120	131 487	670	112 461	459	362 042	293	347 143
Turkeys	1978	852	510 923	278	507 157	514	1 112 557	113	1 109 256
	1974	(NA)	(NA)	155	268 066	(NA)	(NA)	63	1 118 994
For slaughter	1978	682	470 591	217	467 385	506	1 071 467	105	1 068 166
	1974	(NA)	(NA)	120	224 009	(NA)	(NA)	51	1 065 022
Hens kept for breeding	1978	253	40 332	111	39 772	10	41 090	10	41 090
	1974	(NA)	(NA)	60	44 057	(NA)	(NA)	17	53 972
Ducks, geese, and other poultry	1978	2 870	(X)	1 166	(X)	569	(X)	254	(X)
	1974	(NA)	(X)	625	(X)	(NA)	(X)	159	(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
Farms with chickens 3 months old or older, inventory	8 118	7 089 968	7 935	6 266 068	1 471	823 900	433	425 565	1 848	53 233
1 to 99	6 966	187 860	6 808	169 840	1 224	18 020	400	23 985	1 769	47 657
100 to 399	725	129 305	717	98 810	201	30 495	20	12 720	72	4 756
400 to 1,599	110	76 672	110	74 147	10	2 525	–	–	5	(D)
1,600 to 3,199	37	89 903	36	84 343	3	5 560	1	(D)	1	(D)
3,200 to 9,999	88	583 071	84	552 471	5	30 600	2	(D)	1	(D)
10,000 to 19,999	97	1 298 293	95	1 265 293	3	33 000	1	(D)	–	–
20,000 to 49,999	63	1 911 864	56	1 621 364	14	290 500	4	58 260	–	–
50,000 to 99,999	25	1 592 000	22	1 301 800	7	290 200	2	(D)	–	–
100,000 or more	7	1 221 000	7	1 098 000	4	123 000	3	245 000	–	–
None	(X)	(X)	(X)	(X)	(X)	(X)	30	265 193	494	171 732

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)
Farms with chickens 3 months old or older, inventory	(NA)	5 548 745	1 092	4 169 464	49	1 379 281	310	36 530	2 904	58 143
1 to 99	(NA)	105 132	396	19 455	22	85 677	263	15 117	1 959	584
100 to 399	(NA)	42 727	285	31 305	6	11 422	39	8 496	518	706
400 to 1,599	(NA)	57 856	110	(D)	1	(D)	6	(D)	110	630
1,600 to 3,199	(NA)	52 980	36	(D)	1	(D)	–	–	37	866
3,200 to 9,999	(NA)	503 770	84	445 870	4	57 900	1	(D)	88	5 296
10,000 to 19,999	(NA)	1 009 186	95	(D)	2	(D)	–	–	97	12 359
20,000 to 49,999	(NA)	1 438 670	57	1 084 174	9	354 496	1	(D)	63	13 839
50,000 to 99,999	(NA)	1 590 424	22	790 608	4	799 816	–	–	25	13 262
100,000 or more	(NA)	748 000	7	748 000	–	–	–	–	7	10 601
None	(NA)	1 086 423	110	396 106	280	690 317	306	465 369	957	20 232

Selected poultry sales, 1978—All farms—Con.

	Chickens 3 months old or older		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Broilers and other meat-type chickens		Pullet chicks and pullets under 3 months old	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Specified poultry sold	1 511	6 635 168	1 202	4 565 570	329	2 069 598	616	501 899	26	(D)
1 to 1,999	1 184	140 340	912	133 974	288	6 542	592	56 089	23	5 331
2,000 to 3,999	43	124 832	43	124 832	–	–	2	(D)	–	–
4,000 to 7,999	76	411 668	75	(D)	1	(D)	8	45 912	1	(D)
8,000 to 15,999	112	1 240 975	105	1 153 525	11	134 874	3	24 200	–	–
16,000 to 29,999	43	968 211	35	790 115	8	168 496	7	130 198	–	–
30,000 to 59,999	30	1 171 906	17	654 806	12	479 100	1	(D)	–	–
60,000 to 99,999	17	1 287 420	13	(D)	5	(D)	3	(D)	1	(D)
100,000 or more	6	1 289 816	2	(D)	4	(D)	–	–	1	(D)

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	514	1 112 557	506	1 071 467	10	41 090
1 to 1,999	488	14 200	485	11 197	3	3 003
2,000 to 3,999	10	23 474	7	14 787	5	13 487
4,000 to 7,999	4	21 875	4	(D)	1	(D)
8,000 to 15,999	4	42 008	3	33 908	–	–
16,000 to 29,999	2	(D)	1	(D)	1	(D)
30,000 to 59,999	2	(D)	2	(D)	–	–
60,000 to 99,999	1	(D)	1	(D)	–	–
100,000 or more	3	(D)	3	(D)	–	–

Table 20. Cattle and Calves—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)
Any livestock	1978	38 933	(X)	26 534	(X)	33 417	(X)	849 135	25 192	(X)	838 451
	1974	(NA)	(X)	26 639	(X)	33 566	(X)	585 744	25 742	(X)	576 652
Any cattle, hogs, or sheep	1978	33 658	(X)	23 759	(X)	30 778	(X)	394 357	23 788	(X)	386 165
	1974	34 016	(X)	25 270	(X)	31 890	(X)	(NA)	25 055	(X)	253 075
Cattle and calves	1978	28 406	1 276 204	20 280	1 207 872	24 534	685 940	263 312	19 868	665 600	257 710
	1974	30 665	1 430 262	22 795	1 328 213	27 566	653 930	(NA)	21 979	624 001	181 456
Farms with—											
1 to 9	1978	9 531	43 021	3 714	18 051	11 317	49 571	16 832	6 908	34 425	12 476
10 to 19	1978	5 060	68 591	3 438	48 121	5 396	73 783	22 944	5 173	71 305	22 547
20 to 49	1978	6 382	200 490	5 744	183 885	5 296	158 726	48 796	5 270	158 012	48 709
50 to 99	1978	4 073	283 338	4 035	281 133	1 576	103 468	35 833	1 574	(D)	(D)
100 to 199	1978	2 346	311 932	2 341	311 324	566	74 093	29 448	563	73 662	29 219
200 to 499	1978	884	243 305	881	242 475	254	74 620	33 518	253	(D)	(D)
500 to 999	1978	90	60 235	88	(D)	78	50 897	24 518	76	(D)	(D)
1,000 to 2,499	1978	35	47 212	34	(D)	41	60 479	31 075	41	60 479	31 075
2,500 or more	1978	5	18 080	5	18 080	10	40 303	20 348	10	40 303	20 348
Cows and heifers that had calved	1978	21 236	532 837	15 446	504 415	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	23 091	588 018	17 552	543 429	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	11 831	146 757	7 562	122 709	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	12 839	195 130	8 142	156 114	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	11 120	386 080	9 160	381 706	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	12 533	392 888	11 001	387 315	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves	1978	20 748	387 853	15 395	368 702	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	15 499	351 270	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves	1978	22 679	355 514	16 807	334 755	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	(NA)	(NA)	18 553	433 514	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle fattened on grain and concentrates sold	1978	(X)	(X)	(X)	(X)	9 238	290 704	149 386	7 492	285 367	147 390
	1974	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	7 105	259 659	106 456
Farms with fattened cattle sold:											
1 to 9	1978	(X)	(X)	(X)	(X)	5 658	21 736	9 384	3 923	16 995	7 679
10 to 19	1978	(X)	(X)	(X)	(X)	1 638	21 691	9 618	1 630	21 597	9 602
20 to 49	1978	(X)	(X)	(X)	(X)	1 157	33 949	15 525	1 155	(D)	(D)
50 to 99	1978	(X)	(X)	(X)	(X)	338	22 114	11 212	338	22 114	11 212
100 to 199	1978	(X)	(X)	(X)	(X)	198	26 962	13 655	198	26 962	13 655
200 to 499	1978	(X)	(X)	(X)	(X)	156	46 384	24 403	155	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	49	32 818	17 837	49	32 818	17 837
1,000 to 2,499	1978	(X)	(X)	(X)	(X)	36	53 731	29 406	36	53 731	29 406
2,500 or more	1978	(X)	(X)	(X)	(X)	8	31 319	18 345	8	31 319	18 345
Cows and heifers that had calved	1978	21 236	532 837	15 446	504 415	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1974	23 091	588 018	17 552	543 429	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows	1978	11 831	146 757	7 562	122 709	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with—											
1 to 9	1978	7 458	30 244	3 777	16 470	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	2 498	32 959	2 012	26 644	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	1 441	40 976	1 346	38 549	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	301	19 042	299	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199	1978	98	11 952	96	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499	1978	29	7 255	27	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999	1978	5	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more	1978	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows	1978	11 120	386 080	9 160	381 706	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with—											
1 or 2	1978	2 537	3 193	921	1 211	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4	1978	415	1 462	191	649	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9	1978	492	3 318	402	2 727	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19	1978	1 240	17 808	1 215	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49	1978	3 598	115 333	3 596	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99	1978	2 098	139 653	2 098	139 653	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 499	1978	736	102 251	733	101 612	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 or more	1978	4	3 062	4	3 062	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold	1978	(X)	(X)	(X)	(X)	21 503	494 345	237 476	17 726	481 957	233 003
Farms with—											
1 to 9	1978	(X)	(X)	(X)	(X)	12 633	51 861	21 572	8 892	41 171	17 882
10 to 19	1978	(X)	(X)	(X)	(X)	4 376	58 412	25 111	4 349	58 118	25 058
20 to 49	1978	(X)	(X)	(X)	(X)	3 038	88 648	39 019	3 035	88 538	38 971
50 to 99	1978	(X)	(X)	(X)	(X)	790	52 269	25 879	787	52 055	25 778
100 to 199	1978	(X)	(X)	(X)	(X)	352	46 687	23 188	351	(D)	(D)
200 to 499	1978	(X)	(X)	(X)	(X)	205	59 944	30 710	204	(D)	(D)
500 to 999	1978	(X)	(X)	(X)	(X)	62	40 836	21 920	61	(D)	(D)
1,000 or more	1978	(X)	(X)	(X)	(X)	47	95 688	50 078	47	95 688	50 078
Calves sold	1978	(X)	(X)	(X)	(X)	12 231	191 595	25 836	10 389	183 643	24 707
Farms with—											
1 or 2	1978	(X)	(X)	(X)	(X)	2 127	3 150	513	1 226	1 832	286
3 or 4	1978	(X)	(X)	(X)	(X)	1 433	4 965	782	1 065	3 714	582
5 to 9	1978	(X)	(X)	(X)	(X)	2 743	18 307	2 687	2 340	15 742	2 326
10 to 19	1978	(X)	(X)	(X)	(X)	3 062	40 327	4 997	2 919	38 737	4 764
20 to 49	1978	(X)	(X)	(X)	(X)	2 315	64 502	7 490	2 295	63 969	7 461
50 to 99	1978	(X)	(X)	(X)	(X)	404	25 823	3 075	400	25 531	3 056
100 to 499	1978	(X)	(X)	(X)	(X)	134	24 250	3 849	131	23 847	3 789
500 or more	1978	(X)	(X)	(X)	(X)	13	10 271	2 443	13	10 271	2 443

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	11 120	765 636	11 120	403 150	11 120	386 080	10 089	273 240	8 298	89 246
1 to 4 milk cows	2 952	32 218	2 952	10 602	2 952	4 655	2 372	9 066	2 141	12 550
5 to 9 milk cows	492	10 280	492	4 462	492	3 318	403	3 004	375	2 814
10 to 19 milk cows	1 240	37 856	1 240	19 966	1 240	17 808	1 141	11 314	933	6 576
20 to 29 milk cows	1 418	67 404	1 418	35 657	1 418	33 863	1 333	21 710	1 077	10 037
30 to 49 milk cows	2 180	154 105	2 180	83 111	2 180	81 470	2 110	54 614	1 617	16 380
50 to 99 milk cows	2 098	258 923	2 098	142 195	2 098	139 653	2 029	94 421	1 576	22 307
100 to 199 milk cows	661	161 991	661	84 312	661	83 441	630	63 075	523	14 604
200 to 499 milk cows	75	36 690	75	19 783	75	18 810	67	13 099	52	3 808
500 milk cows or more	4	6 169	4	3 062	4	3 062	4	2 937	4	170
No milk cows	17 286	510 568	10 116	129 687	(X)	(X)	10 659	114 613	14 381	266 268

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	9 520	258 813	74 885	8 241	137 612	6 993	121 201	8 200	431 878
1 to 4 milk cows	1 371	16 124	5 590	1 117	10 430	746	5 694	243	563
5 to 9 milk cows	474	5 001	1 613	374	2 890	316	2 111	318	1 367
10 to 19 milk cows	1 239	15 468	4 298	1 033	8 092	856	7 376	1 204	13 858
20 to 29 milk cows	1 418	26 484	7 351	1 252	13 967	1 110	12 517	1 417	32 787
30 to 49 milk cows	2 180	52 308	14 413	1 945	26 187	1 688	26 121	2 180	90 644
50 to 99 milk cows	2 098	79 958	22 404	1 841	40 521	1 699	39 437	2 098	159 890
100 to 199 milk cows	661	49 087	14 722	611	27 067	515	22 020	661	106 249
200 to 499 milk cows	75	12 485	3 919	64	7 432	60	5 053	75	22 499
500 milk cows or more	4	1 898	575	4	1 026	3	872	4	4 020
No milk cows	15 014	427 127	188 427	13 262	356 733	5 238	70 394	205	4 127

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	28 406	1 276 204	21 236	532 837	20 748	387 853	22 679	355 514	23 190	649 387	250 395
1 to 9 cattle and calves	9 531	43 021	5 629	14 714	5 160	10 882	6 617	17 425	4 353	22 207	7 621
10 to 19 cattle and calves	5 060	68 591	3 671	25 718	3 696	17 659	4 446	25 214	5 060	42 097	14 072
20 to 49 cattle and calves	6 382	200 490	5 332	89 773	5 227	55 530	5 482	55 187	6 346	103 522	33 703
50 to 99 cattle and calves	4 073	283 338	3 669	140 008	3 681	88 103	3 336	55 227	4 072	115 732	38 031
100 to 199 cattle and calves	2 346	311 932	2 138	147 392	2 145	108 119	1 917	56 421	2 345	120 762	41 642
200 to 499 cattle and calves	884	243 305	732	94 605	756	82 321	764	66 379	884	124 356	50 893
500 to 999 cattle and calves	90	60 235	49	12 215	59	13 420	78	34 600	90	51 226	26 181
1,000 to 2,499 cattle and calves	35	47 212	14	(D)	21	(D)	34	32 081	35	51 280	27 893
2,500 cattle and calves or more	5	18 080	2	(D)	3	(D)	5	12 980	5	18 205	10 361
No cattle and calves	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1 344	36 553	12 917
Farms with cows and heifers that had calved inventory	21 236	1 041 707	21 236	532 837	17 298	338 790	16 468	170 080	17 920	398 934	126 844
1 to 4 cows	6 246	46 930	6 246	14 052	4 310	14 025	4 333	18 853	3 045	23 354	8 329
5 to 9 cows	3 135	49 340	3 135	21 148	2 386	12 900	2 629	15 292	3 022	24 265	8 064
10 to 19 cows	3 580	100 509	3 580	48 771	2 909	26 539	2 992	25 199	3 579	46 398	14 909
20 to 29 cows	2 178	101 265	2 178	51 402	1 945	29 237	1 762	20 626	2 178	44 026	13 557
30 to 49 cows	2 778	193 383	2 778	103 459	2 607	63 874	2 169	26 050	2 778	71 351	21 281
50 to 99 cows	2 429	301 065	2 429	161 922	2 314	103 149	1 877	35 994	2 428	103 990	31 900
100 to 199 cows	773	184 689	773	97 222	725	68 016	619	19 451	773	61 675	20 206
200 to 499 cows	106	49 174	106	26 761	93	15 765	78	6 648	106	18 281	6 411
500 to 999 cows	9	(D)	9	(D)	7	(D)	7	(D)	9	(D)	(D)
1,000 cows or more	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)	(D)
No cows	7 170	234 497	(X)	(X)	3 450	49 063	6 211	185 434	6 614	287 006	136 468
Farms with beef cow inventory	11 831	357 822	11 831	176 010	8 679	85 789	9 637	96 023	9 871	169 038	61 264
1 to 4 beef cows	4 607	50 139	4 607	20 336	3 025	15 612	3 282	14 191	2 726	22 397	7 435
5 to 9 beef cows	2 851	53 690	2 851	24 690	2 171	13 285	2 451	15 715	2 773	23 194	7 830
10 to 19 beef cows	2 498	78 826	2 498	40 558	1 928	18 022	2 208	20 246	2 498	35 177	11 769
20 to 29 beef cows	842	44 956	842	22 114	696	10 237	766	12 605	842	21 249	7 591
30 to 49 beef cows	599	44 067	599	23 411	494	10 225	544	10 431	599	21 182	7 577
50 to 99 beef cows	301	41 894	301	20 028	252	8 576	274	13 290	300	23 322	9 226
100 to 199 beef cows	98	23 241	98	12 761	84	5 126	83	5 354	98	13 064	5 781
200 to 499 beef cows	29	12 506	29	7 574	25	2 444	25	2 488	29	6 057	2 581
500 to 999 beef cows	5	(D)	5	(D)	3	(D)	3	(D)	5	(D)	(D)
1,000 beef cows or more	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)
No beef cows	16 575	918 382	9 405	356 827	12 069	302 064	13 042	259 491	14 663	516 902	202 048

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	24 534	685 940	263 312	21 503	494 345	237 476	9 238	290 704	149 386	12 231	191 595	25 836
1 to 4 cattle and calves	6 190	15 323	5 700	5 342	12 062	5 127	2 729	6 318	2 764	1 700	3 261	574
5 to 9 cattle and calves	5 127	34 248	11 132	4 275	23 229	9 378	1 887	10 292	4 389	2 380	11 019	1 754
10 to 19 cattle and calves	5 396	73 783	22 944	4 675	45 742	19 128	1 825	18 658	8 088	3 168	28 041	3 815
20 to 49 cattle and calves	5 296	158 726	48 796	4 848	93 634	41 139	1 719	35 005	15 925	3 586	65 092	7 658
50 to 99 cattle and calves	1 576	103 468	35 833	1 484	65 562	31 492	548	25 859	12 994	1 035	37 906	4 341
100 to 199 cattle and calves	566	74 093	29 448	533	54 827	27 211	264	28 517	14 414	267	19 266	2 237
200 to 499 cattle and calves	254	74 620	33 518	228	60 320	30 944	166	46 084	24 215	70	14 300	2 574
500 cattle and calves or more	129	151 679	75 941	118	138 969	73 057	100	119 971	66 598	25	12 710	2 884
500 to 999 cattle and calves	78	50 897	24 518	71	43 281	22 980	56	34 921	18 846	19	7 616	1 538
1,000 cattle and calves or more	51	100 782	51 423	47	95 688	50 078	44	85 050	47 751	6	5 094	1 346
Farms with beef cow inventory	9 871	169 038	61 264	8 482	117 976	51 634	4 004	61 550	29 177	4 439	51 062	9 630
1 to 4 beef cows	2 726	22 397	7 435	2 466	14 684	6 286	1 208	6 619	2 958	1 061	7 713	1 149
5 to 9 beef cows	2 773	23 194	7 830	2 432	16 268	6 708	1 170	7 878	3 481	1 164	6 926	1 122
10 to 19 beef cows	2 498	35 177	11 769	1 957	23 512	9 675	897	11 852	5 353	1 272	11 665	2 093
20 to 29 beef cows	842	21 249	7 591	727	14 420	6 307	331	7 839	3 820	409	6 829	1 284
30 to 49 beef cows	599	21 182	7 577	513	14 561	6 189	235	7 385	3 505	315	6 621	1 387
50 to 99 beef cows	300	23 322	9 226	267	16 116	7 545	119	10 390	5 186	162	7 206	1 681
100 to 199 beef cows	98	13 064	5 781	87	10 516	5 169	32	5 810	2 934	42	2 548	611
200 to 499 beef cows	29	6 057	2 581	27	5 030	2 361	9	1 539	785	10	1 027	220
500 to 999 beef cows	5	(D)	(D)	5	(D)	(D)	2	(D)	(D)	3	(D)	(D)
1,000 beef cows or more	1	(D)	(D)	1	(D)	(D)	1	(D)	(D)	1	(D)	(D)
No beef cows	14 663	516 902	202 048	13 021	376 369	185 842	5 234	229 154	120 210	7 792	140 533	16 206

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	10 907	958 231	7 167	916 984	9 431	1 417 675	126 173	7 157	1 382 737	124 188
	1974	8 508	619 910	6 299	597 317	7 811	1 013 950	(NA)	6 299	989 327	67 801
Farms with—											
1 to 24	1978	6 182	46 730	2 973	28 431	4 020	36 625	3 216	2 182	22 733	2 125
	1974	5 034	39 803	3 020	27 118	3 416	33 359	(NA)	2 179	23 112	1 556
25 to 49	1978	1 494	51 708	1 070	37 325	1 458	50 508	4 227	1 249	43 926	3 967
	1974	1 096	37 879	946	33 005	1 157	40 039	(NA)	959	33 651	2 234
50 to 99	1978	1 199	80 837	1 104	74 979	1 382	94 011	7 094	1 159	82 295	6 722
	1974	996	67 514	955	64 948	1 127	78 381	(NA)	1 056	73 786	4 835
100 to 199	1978	872	116 019	864	115 122	986	136 057	11 447	985	(D)	(D)
	1974	673	89 808	672	(D)	898	122 692	(NA)	897	(D)	7 890
200 to 499	1978	741	222 007	738	220 887	896	273 438	23 015	895	(D)	(D)
	1974	459	134 746	459	134 746	746	225 456	(NA)	744	(D)	14 670
500 or more	1978	419	440 930	418	(D)	689	827 036	77 173	687	(D)	(D)
	1974	250	250 160	247	247 834	467	514 023	(NA)	464	511 250	36 616
500 to 999	1978	280	188 111	279	(D)	393	259 732	22 539	393	259 732	22 539
1,000 to 1,999	1978	101	131 673	101	131 673	211	272 890	25 400	209	(D)	(D)
2,000 to 4,999	1978	33	87 590	33	87 590	71	196 848	18 974	71	196 848	18 974
5,000 or more	1978	5	33 556	5	33 556	14	97 566	10 260	14	97 566	10 260
Hogs and pigs used or to be used for breeding	1978	6 845	163 135	5 088	149 894	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	3 997	92 154	(X)	(X)	(X)	(X)	(X)	(X)
Other hogs and pigs	1978	10 027	795 096	6 513	767 090	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	5 921	505 163	(X)	(X)	(X)	(X)	(X)	(X)
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	2 913	321 584	13 964	2 262	303 194	13 366
	1974	(X)	(X)	(X)	(X)	2 247	190 061	(NA)	1 678	180 004	4 085
Litters of pigs farrowed between—											
Dec. 1 of preceding year and Nov. 30	1978	7 361	177 116	5 292	170 461	(X)	(X)	(X)	(X)	(X)	(X)
	1974	5 587	122 996	4 510	118 784	(X)	(X)	(X)	(X)	(X)	(X)
Dec. 1 of preceding year and May 31	1978	5 836	83 940	4 428	81 126	(X)	(X)	(X)	(X)	(X)	(X)
	1974	4 388	61 094	3 688	59 051	(X)	(X)	(X)	(X)	(X)	(X)
June 1 and Nov. 30	1978	5 986	93 176	4 558	89 335	(X)	(X)	(X)	(X)	(X)	(X)
	1974	4 349	61 902	3 577	59 733	(X)	(X)	(X)	(X)	(X)	(X)

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

	Inventory, 1978—All farms						Sales, 1978—All farms					
	Hogs and pigs		Used or to be used for breeding		Other hogs and pigs		Hogs and pigs			Feeder pigs sold		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Number	Sales ($1,000)
Farms with hogs and pigs inventory	10 907	958 231	6 845	163 135	10 027	795 096	8 668	1 377 141	122 397	2 824	317 798	13 819
1 to 9 hogs and pigs	4 242	16 890	1 645	4 674	3 656	12 216	2 065	26 770	2 011	479	8 959	347
10 to 24 hogs and pigs	1 940	29 840	1 369	10 055	1 715	19 785	1 940	63 059	4 944	571	22 917	932
25 to 99 hogs and pigs	2 693	132 545	2 193	30 722	2 631	101 823	2 633	195 700	14 819	1 102	80 232	3 370
100 to 199 hogs and pigs	872	116 019	693	19 366	868	96 653	871	181 769	15 132	309	56 680	2 460
200 to 499 hogs and pigs	741	222 007	600	34 918	738	187 089	741	314 756	27 085	262	86 381	3 885
500 to 999 hogs and pigs	280	188 111	223	25 777	280	162 334	280	254 088	24 165	76	39 643	1 809
1,000 hogs and pigs or more	139	252 819	122	37 623	139	215 196	138	340 999	34 241	25	22 986	1 017
No hogs and pigs	(X)	(X)	(X)	(X)	(X)	(X)	763	40 534	3 775	89	3 786	145
Farms with hogs and pigs sold	8 668	944 946	6 132	157 809	7 945	787 137	9 431	1 417 675	126 173	2 913	321 584	13 964
1 to 9 hogs and pigs	2 039	18 329	875	4 203	1 875	14 126	2 390	10 108	933	285	1 468	58
10 to 49 hogs and pigs	2 826	70 975	2 168	16 493	2 466	54 482	3 088	77 025	6 510	933	18 415	724
50 to 99 hogs and pigs	1 323	75 141	1 052	13 372	1 246	61 769	1 382	94 011	7 094	711	39 235	1 565
100 to 199 hogs and pigs	942	100 395	780	16 650	880	83 745	986	136 057	11 447	400	40 439	1 691
200 to 499 hogs and pigs	867	185 630	707	29 228	817	156 402	896	273 438	23 015	362	80 271	3 435
500 to 999 hogs and pigs	380	159 694	319	24 995	373	134 699	393	259 732	22 539	145	65 669	2 995
1,000 hogs and pigs or more	291	334 782	231	52 868	288	281 914	296	567 304	54 634	77	76 087	3 496
No hogs and pigs	2 239	13 285	713	5 326	2 082	7 959	(X)	(X)	(X)	(X)	(X)	(X)
Farms by litters farrowed	7 212	795 933	6 783	159 586	6 332	636 347	6 540	1 150 714	98 698	2 912	321 574	13 963
1 litter	1 233	11 348	986	3 005	997	8 343	631	6 175	533	248	1 463	58
2 to 4 litters	1 904	33 614	1 832	11 101	1 547	22 513	1 767	35 836	2 898	581	9 058	353
5 to 9 litters	1 141	42 045	1 121	9 099	1 036	32 946	1 173	60 216	4 717	600	21 679	819
10 to 19 litters	1 053	66 084	978	13 100	970	52 984	1 081	95 253	7 304	564	36 973	1 480
20 to 49 litters	1 044	146 641	1 036	29 127	971	117 514	1 049	207 634	16 710	540	71 861	3 074
50 to 99 litters	445	133 405	442	24 798	426	108 607	447	198 319	15 979	227	73 645	3 220
100 to 199 litters	243	133 806	240	25 330	238	108 476	243	202 051	17 205	106	54 105	2 523
200 litters or more	149	228 990	148	44 026	147	184 964	149	345 230	33 351	46	52 790	2 436
No litters	3 695	162 298	62	3 549	3 695	158 749	2 891	266 961	27 475	1	(D)	(D)

	Litters of pigs farrowed between Dec. 1, 1977, and Nov. 30, 1978—All farms					
	Total		Dec. 1, 1977, and May 31, 1978		June 1, 1978, and Nov. 30, 1978	
	Farms	Number	Farms	Number	Farms	Number
Farms by litters farrowed—	7 361	177 116	5 836	83 940	5 986	93 176
1 litter	1 263	1 263	752	752	511	511
2 to 4 litters	1 955	5 542	1 432	2 536	1 576	3 006
5 to 9 litters	1 173	7 923	942	3 480	1 063	4 443
10 to 19 litters	1 082	14 162	909	6 435	1 002	7 727
20 to 49 litters	1 049	31 557	998	15 408	1 016	16 149
50 to 99 litters	447	29 912	427	14 264	435	15 648
100 to 199 litters	243	31 957	231	14 833	238	17 124
200 litters or more	149	54 800	145	26 232	145	28 568

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	2 615	2 614	1 485	1 750
number	112 678	149 787	85 016	128 526
Ewes 1 year old or older—farms	2 325	(NA)	1 350	1 609
number	66 843	(NA)	48 270	67 664
Sheep and lambs sold—farms	2 258	2 220	1 348	1 605
number	77 736	120 317	68 105	106 186
Sheep and lambs shorn—farms	2 324	(NA)	1 275	1 479
number	95 628	(NA)	75 421	104 421
pounds of wool	723 735	(NA)	601 148	828 905
Value of sales from sheep, lambs, and wool—farms	2 512	(NA)	1 406	1 655
$1,000	4 872	(NA)	4 267	3 818

	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	2 615	112 678	2 325	66 843	2 079	73 340	2 213	94 085	710 566	2 333	4 627
1 to 24 sheep and lambs	1 371	12 616	1 102	8 382	841	9 317	989	9 898	76 743	1 090	558
25 to 99 sheep and lambs	998	49 367	986	34 223	994	27 199	986	38 986	286 809	998	1 626
100 to 299 sheep and lambs	206	32 233	200	17 220	205	22 358	200	28 197	224 705	206	1 502
300 to 999 sheep and lambs	38	(D)	37	7 018	37	(D)	37	(D)	(D)	37	(D)
1,000 to 2,499 sheep and lambs	2	(D)	–	–	2	(D)	1	(D)	(D)	2	(D)
2,500 to 4,999 sheep and lambs	–	–	–	–	–	–	–	–	–	–	–
5,000 sheep and lambs or more	–	–	–	–	–	–	–	–	–	–	–
No sheep and lambs	(X)	(X)	(X)	(X)	179	4 396	111	1 543	13 169	179	244
Farms with ewes 1 year old or older inventory	2 325	107 534	2 325	66 843	1 976	69 574	2 070	92 755	702 791	2 122	4 410
1 to 24 ewes	1 329	20 867	1 329	12 446	985	16 233	1 074	16 778	130 774	1 126	980
25 to 99 ewes	891	60 026	891	38 482	886	34 415	891	50 383	376 107	891	2 228
100 to 199 ewes	87	18 815	87	11 044	87	14 531	87	19 079	145 403	87	923
200 to 499 ewes	17	(D)	17	(D)	17	(D)	17	(D)	(D)	17	(D)
500 to 999 ewes	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)
1,000 to 2,499 ewes	–	–	–	–	–	–	–	–	–	–	–
2,500 to 4,999 ewes	–	–	–	–	–	–	–	–	–	–	–
5,000 ewes or more	–	–	–	–	–	–	–	–	–	–	–
No ewes	290	5 144	(X)	(X)	282	8 162	254	2 873	20 944	390	461

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	12 168	6 361	5 173	2 639	1 493	914
number	54 033	29 690	28 355	7 592	5 284	4 355
$1,000	(X)	(X)	(X)	8 958	7 855	2 972
Mules, burros, and donkeys—farms	290	149	102	21	14	9
number	482	262	166	34	26	19
$1,000	(X)	(X)	(X)	4	3	2
Mink and their pelts—farms	39	36	44	38	36	45
number	63 357	62 600	118 687	121 521	(D)	133 700
$1,000	(X)	(X)	(X)	3 048	(D)	2 621
Colonies of bees—farms	1 141	643	294	48	30	9
number	86 239	78 046	50 588	7 963	7 789	520
$1,000	(X)	(X)	(X)	205	199	15
Honey sold (pounds)—farms	(X)	(X)	(X)	768	484	209
number	(X)	(X)	(X)	5 294 127	4 970 356	3 000 987
$1,000	(X)	(X)	(X)	2 726	2 550	1 538
Goats—farms	939	290	113	325	136	45
number	5 134	1 956	775	1 396	607	285
$1,000	(X)	(X)	(X)	41	18	7
Angora goats—farms	6	3	8	1	–	2
number	(D)	(D)	34	(D)	–	(D)
$1,000	(X)	(X)	(X)	(D)	–	(D)
Mohair sold (pounds)—farms	(X)	(X)	(X)	6	3	8
number	(X)	(X)	(X)	(D)	(D)	216
$1,000	(X)	(X)	(X)	(D)	(D)	(Z)
Milk goats—farms	504	150	48	153	93	22
number	3 057	1 052	476	850	356	102
$1,000	(X)	(X)	(X)	27	12	4
Goats milk sold (gallons)—farms	(X)	(X)	(X)	63	50	16
number	(X)	(X)	(X)	45 861	43 213	25 759
$1,000	(X)	(X)	(X)	113	108	47
Other goats—farms	546	148	75	175	44	26
number	1 989	(D)	265	(D)	251	(D)
$1,000	(X)	(X)	(X)	(D)	6	(D)
Rabbits and their pelts—farms	741	242	151	157	81	75
number	15 489	8 059	17 880	42 192	36 302	21 698
$1,000	(X)	(X)	(X)	177	158	111
Chinchillas and their pelts—farms	13	10	4	13	10	5
number	2 635	2 536	1 165	2 133	1 935	530
$1,000	(X)	(X)	(X)	52	47	9
Worms (see text)—farms	44	6	(NA)	43	5	(NA)
number	197	49	(NA)	23 732	8 520	(NA)
$1,000	(X)	(X)	(X)	59	21	(NA)
All other livestock—farms	27	19	557	14	13	94
$1,000	(X)	(X)	(X)	2 369	(D)	646
Other livestock products—farms	(X)	(X)	(X)	53	49	(NA)
$1,000	(X)	(X)	(X)	103	102	(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	2	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)	2	(D)
Trout	49	815	20	332 254	30	410 625	19	327 084	546	29	372 695	254	41	205
Tropical and bait fish	6	31	1	(D)	5	22 650	1	(D)	(D)	5	22 650	(D)	4	(D)
Other fish	3	(D)	1	(D)	2	(D)	1	(D)	(D)	2	(D)	(D)	4	31
Other aquacultural products	–	–	–	(X)	–	(X)	–	(X)	(NA)	–	(X)	(NA)	–	–
FARMS WITH SALES OF $2,500 OR MORE														
Catfish	2	(D)	1	1	1	(D)	1	(D)	(D)	1	(D)	(D)	2	(D)
Trout	35	796	15	324 006	21	395 661	14	318 836	538	20	357 731	243	29	114
Tropical and bait fish	4	(D)	–	–	4	(D)	–	–	–	4	(D)	(D)	2	(D)
Other fish	3	(D)	1	(D)	2	(D)	1	1	(D)	2	(D)	(D)	3	(D)
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	37 783	2 817 381	(X)	825	104 829	31 621	2 747 020	(X)	799	104 633
	1974	38 592	2 378 301	(X)	(NA)	(NA)	32 018	2 301 789	(X)	238	21 665
For grain or seed (bushels)	1978	35 407	2 385 858	188 175 469	803	99 378	29 873	2 325 383	185 039 920	780	99 189
	1974	35 690	1 895 841	112 269 703	(NA)	(NA)	29 796	1 831 211	109 669 979	207	19 280
For silage or green chop (tons, green)	1978	10 571	429 609	4 901 186	129	5 451	9 734	420 009	4 825 186	126	5 444
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11 407	458 241	4 740 978	52	(D)
For fodder, hogged or grazed	1978	44	1 914	(X)	–	–	32	1 628	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	622	12 337	(X)	2	(D)
Sorghums for all purposes	1978	757	12 838	(X)	6	81	719	12 457	(X)	6	81
	1974	815	14 733	(X)	(NA)	(NA)	661	12 901	(X)	5	36
For grain or seed (bushels)	1978	94	2 672	154 212	1	(D)	91	2 659	153 876	1	(D)
	1974	185	4 746	206 716	(NA)	(NA)	177	4 694	204 733	1	(D)
For silage or green chop (tons, green)	1978	657	10 022	102 354	5	(D)	624	(D)	99 812	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	487	7 010	56 206	2	(D)
Cut for dry forage or hay (tons, dry)	1978	4	29	68	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	425	1 312	–	–
Hogged or grazed	1978	10	115	(X)	–	–	9	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	59	772	(X)	2	(D)
Wheat for grain (bushels)	1978	14 383	382 166	15 044 875	24	1 191	13 160	369 809	14 718 224	23	(D)
	1974	29 897	810 197	31 891 280	(NA)	(NA)	25 939	769 763	30 684 495	39	727
Oats for grain (bushels)	1978	18 576	408 148	23 368 531	27	643	15 937	379 653	22 260 927	25	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15 509	302 878	16 719 727	24	282
Barley for grain (bushels)	1978	754	19 414	921 222	1	(D)	700	18 968	910 860	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	655	11 849	570 713	1	(D)
Rye for grain (bushels)	1978	769	14 323	324 771	2	(D)	564	10 544	266 168	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	944	11 341	285 235	3	46
Other small grains for grain	1978	155	1 975	(X)	3	12	120	1 680	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	458	6 262	(X)	1	(D)
Soybeans for beans (bushels)	1978	14 506	898 071	21 355 414	201	11 307	13 003	877 529	21 044 961	197	11 270
	1974	12 289	570 683	12 080 412	(NA)	(NA)	11 236	558 690	11 900 848	71	2 450
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	851	43 903	10 025 708	216	21 409	662	43 631	9 981 827	207	21 394
	1974	1 149	41 184	8 500 560	(NA)	(NA)	860	40 836	8 452 781	172	16 227
Sweetpotatoes (bushels)	1978	14	133	21 328	4	(D)	11	129	21 103	4	(D)
	1974	30	374	63 474	(NA)	(NA)	22	363	62 029	5	97
Hay crops (tons, dry) (see text)	1978	36 136	1 633 568	3 729 147	217	9 788	25 649	1 436 883	3 451 667	199	9 547
	1974	33 374	1 359 191	2 956 963	(NA)	(NA)	24 718	1 195 564	2 707 060	52	1 776
Alfalfa hay (tons, dry)	1978	30 435	1 137 415	2 901 154	182	6 636	22 251	999 312	2 687 629	167	6 468
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19 709	769 075	1 920 219	41	1 122
Other tame dry hay (tons, dry) (see text)	1978	6 905	188 330	317 702	10	223	4 732	152 275	274 081	7	180
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	217 416	416 716	(NA)	17
Field seed crops	1978	713	13 301	(X)	2	(D)	568	11 485	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1 772	25 770	(X)	2	(D)
Alfalfa seed (pounds)	1978	85	1 149	95 305	1	(D)	78	1 081	91 755	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	123	1 304	67 829	–	–
Red clover seed (pounds)	1978	515	9 129	935 120	–	–	451	8 394	871 960	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 608	22 758	2 268 379	1	(D)
All vegetables harvested for sale (see text)	1978	4 165	122 307	(X)	851	35 623	3 322	120 310	(X)	784	35 488
	1974	4 062	106 952	(X)	(NA)	(NA)	3 027	104 471	(X)	658	29 332
Sweet corn	1978	1 573	10 873	(X)	252	2 936	1 007	10 064	(X)	218	2 886
	1974	(NA)	(NA)	(X)	(NA)	(NA)	899	9 348	(X)	171	2 401
Tomatoes	1978	1 229	7 900	(X)	311	2 272	934	7 769	(X)	286	2 257
	1974	(NA)	(NA)	(X)	(NA)	(NA)	985	8 956	(X)	271	2 385
Green peas excluding cowpeas	1978	140	2 689	(X)	25	691	119	2 680	(X)	21	688
	1974	(NA)	(NA)	(X)	(NA)	(NA)	182	2 982	(X)	32	334
Land in orchards	1978	5 299	170 650	(X)	525	14 619	3 585	162 439	(X)	458	14 312
	1974	4 746	167 747	(X)	(NA)	(NA)	3 522	163 002	(X)	186	4 994
Apples (pounds)	1978	3 280	71 887	773 356 281	(NA)	(NA)	2 112	67 937	768 144 713	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 021	64 682	604 236 794	(NA)	(NA)
Peaches (pounds)	1978	1 467	10 804	50 993 384	(NA)	(NA)	1 022	10 208	50 361 335	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 023	11 372	65 838 664	(NA)	(NA)
Grapes (pounds) (see text)	1978	1 553	15 529	118 356 478	(NA)	(NA)	1 099	14 495	115 964 075	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 013	15 761	83 468 000	(NA)	(NA)
Berries	1978	2 048	14 836	(X)	699	6 691	1 407	14 213	(X)	606	6 568
	1974	1 529	13 002	(X)	(NA)	(NA)	1 071	12 207	(X)	424	4 717
Strawberries (pounds)	1978	1 058	3 916	18 960 894	508	3 109	731	3 678	18 616 826	437	3 029
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	531	3 023	15 784 823	319	2 441
Nursery and greenhouse products	1978	1 688	20 512	(X)	603	8 838	1 229	19 610	(X)	551	8 744
Other crops	1978	6 011	558 534	(X)	(NA)	(NA)	5 730	554 840	(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)	241	28 344	120.3	562	71 034	104 713	98.1	34 604	2 181 767	76.8
Corn for silage or green chop (tons, green)	55	1 898	16.7	74	3 553	5 241	13.7	10 442	418 917	11.3
Sorghums for grain or seed (bushels)	1	(D)	(D)	–	–	–	–	93	2 652	57.9
Wheat for grain (bushels)	21	1 091	29.3	3	100	170	37.0	14 359	380 805	39.4
Oats for grain (bushels)	19	526	53.4	8	117	188	64.0	18 549	407 317	57.3
Barley for grain (bushels)	–	–	–	1	(D)	(D)	(D)	753	19 374	47.4
Rice (100-lb bags)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	72	4 135	33.0	129	7 172	12 763	27.3	14 305	874 001	23.7
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry field and seed beans (100-lb bags)	31	3 895	17.2	37	3 831	4 441	13.2	5 390	442 418	11.6
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–	–	–
Irish potatoes (hundredweight)	158	16 528	277.5	58	4 881	5 370	219.0	635	17 124	186.5
Sugar beets for sugar (tons)	6	196	20.8	13	600	456	19.5	1 579	90 345	18.7
Sugarcane for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	76	2 767	3.1	106	3 869	6 407	3.5	30 253	1 124 372	2.5
Small grain hay (tons, dry)	1	(D)	(D)	–	–	–	–	1 362	29 054	1.4
Other tame dry hay (see text) (tons, dry)	9	213	1.5	1	(D)	(D)	(D)	6 895	188 097	1.7
Wild hay (tons, dry)	4	43	2.6	1	(D)	(D)	(D)	1 638	34 158	1.1
Grass silage and haylage (tons, green)	14	1 106	7.7	31	1 361	3 062	6.6	2 871	178 504	5.5
Hay crops cut and fed green (tons, green)	9	254	4.8	8	145	147	9.5	2 429	59 954	4.6
Alfalfa seed (pounds)	1	(D)	(D)	–	–	–	–	84	1 143	83.0
All vegetables harvested for sale (see text)	510	19 393	(X)	341	16 230	14 882	(X)	3 314	71 802	(X)
Land in orchards	178	3 664	(X)	347	10 956	30 351	(X)	4 774	125 679	(X)
Strawberries (pounds)	494	3 063	5381.0	14	46	72	5234.9	550	735	2532.5

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	62 951	6 953 675	(X)	1 452 254	60 836	6 317 638	(X)	1 234 083
Corn for grain or seed (bushels)	35 407	2 385 858	188 175 469	385 760	35 690	1 895 841	112 269 703	319 969
Corn for silage or green chop or fodder or hogged or grazed	10 611	431 523	(X)	78 630	12 847	482 460	(X)	98 335
Sorghums for grain or seed (bushels)	94	2 672	154 212	278	185	4 746	206 716	579
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed	668	10 166	(X)	1 442	700	9 987	(X)	1 113
Wheat for grain (bushels)	14 383	382 166	15 044 875	49 648	29 897	810 197	31 891 280	121 188
Other small grains for grain	(NA)	443 860	(X)	33 377	(NA)	(NA)	(X)	31 110
Soybeans for beans (bushels)	14 506	898 071	21 355 414	137 742	12 289	570 683	12 080 412	77 315
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–
Cotton (bales)	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	1	(D)	(D)	2
Irish potatoes (hundredweight)	851	43 903	10 025 708	45 617	1 149	41 184	8 500 560	36 722
Sweetpotatoes (bushels)	14	133	21 328	128	30	374	63 474	254
Hay crops (tons, dry) (see text)	36 136	1 633 568	3 729 147	217 527	33 374	1 359 191	2 956 963	103 368
All vegetables harvested for sale (see text)	4 165	122 307	(X)	98 425	4 062	106 952	(X)	84 060
Land in orchards	5 299	170 650	(X)	156 763	4 746	167 747	(X)	106 904
Berries	2 048	14 836	(X)	24 917	1 529	13 002	(X)	13 856
Other crops (including nursery and greenhouse products)	(NA)	592 347	(X)	222 000	(NA)	(NA)	(X)	239 309

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

	All farms					Farms with sales of $2,500 or more				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for all purposes:										
Acres harvested	37 783	2 817 381	(X)	825	104 829	31 621	2 747 020	(X)	799	104 633
1 to 14 acres	9 340	74 426	(X)	50	249	4 697	41 873	(X)	30	186
15 to 24 acres	5 415	102 434	(X)	20	326	4 447	84 576	(X)	17	279
25 to 49 acres	8 220	284 374	(X)	53	1 441	7 709	268 835	(X)	50	1 355
50 to 99 acres	6 697	462 208	(X)	137	7 075	6 663	460 098	(X)	137	7 075
100 to 249 acres	5 867	878 158	(X)	249	24 150	5 865	(D)	(X)	249	24 150
250 to 499 acres	1 668	554 658	(X)	203	33 170	1 666	(D)	(X)	203	33 170
500 to 999 acres	468	302 471	(X)	85	22 957	466	(D)	(X)	85	22 957
1,000 acres or more	108	158 652	(X)	28	15 461	108	158 652	(X)	28	15 461
For grain or seed (bushels):										
Acres harvested	35 407	2 385 858	188 175 469	803	99 378	29 873	2 325 383	185 039 920	780	99 189
1 to 14 acres	9 228	74 440	4 864 828	52	290	4 954	43 864	3 145 654	35	234
15 to 24 acres	5 420	102 418	7 178 164	20	316	4 555	86 421	6 381 490	17	269
25 to 49 acres	7 921	273 338	19 779 294	63	1 679	7 560	262 177	19 299 158	60	1 593
50 to 99 acres	6 137	419 724	31 828 819	141	7 236	6 107	417 964	31 759 630	141	7 236
100 to 249 acres	4 923	724 989	57 401 086	244	23 782	4 921	(D)	(D)	244	23 782
250 to 499 acres	1 333	441 613	36 860 320	184	31 951	1 331	(D)	(D)	184	31 951
500 to 999 acres	366	235 006	20 304 351	73	19 054	366	235 006	20 304 351	73	19 054
1,000 acres or more	79	114 330	9 958 607	26	15 070	79	114 330	9 958 607	26	15 070
Wheat for grain (bushels):										
Acres harvested	14 383	382 166	15 044 875	24	1 191	13 160	369 809	14 718 224	23	(D)
1 to 14 acres	5 894	51 466	1 833 408	5	35	4 902	43 925	1 631 944	4	(D)
15 to 24 acres	3 602	66 698	2 544 547	4	74	3 426	63 578	2 454 233	4	74
25 to 49 acres	3 038	101 948	4 055 852	5	193	2 986	100 457	4 024 627	5	193
50 to 99 acres	1 332	84 722	3 411 826	5	283	1 329	84 517	3 408 178	5	283
100 to 249 acres	478	63 602	2 619 900	5	606	478	63 602	2 619 900	5	606
250 to 499 acres	33	10 253	434 334	–	–	33	10 253	434 334	–	–
500 to 999 acres	6	3 477	145 008	–	–	6	3 477	145 008	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Oats for grain (bushels):										
Acres harvested	18 576	408 148	23 368 531	27	643	15 937	379 653	22 260 927	25	(D)
1 to 14 acres	8 789	73 754	3 838 190	11	(D)	6 694	58 387	3 190 062	9	(D)
15 to 24 acres	4 466	83 261	4 652 140	5	102	4 112	76 805	4 400 495	5	102
25 to 49 acres	3 637	121 403	6 977 827	5	109	3 459	115 399	6 789 528	5	109
50 to 99 acres	1 382	87 999	5 400 265	5	191	1 370	87 331	5 380 733	5	191
100 to 249 acres	284	36 346	2 133 789	1	(D)	284	36 346	2 133 789	1	(D)
250 to 499 acres	18	5 385	366 320	–	–	18	5 385	366 320	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Barley for grain (bushels):										
Acres harvested	754	19 414	921 222	1	(D)	700	18 968	910 860	1	(D)
1 to 14 acres	391	2 882	115 334	–	–	344	2 659	108 556	–	–
15 to 24 acres	132	2 475	107 331	–	–	126	(D)	(D)	–	–
25 to 49 acres	127	4 366	216 559	1	(D)	127	4 366	216 559	1	(D)
50 to 99 acres	69	4 585	228 632	–	–	69	4 585	228 632	–	–
100 to 249 acres	32	4 183	205 121	–	–	31	(D)	(D)	–	–
250 to 499 acres	3	923	48 245	–	–	3	923	48 245	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels):										
Acres harvested	14 506	898 071	21 355 414	201	11 307	13 003	877 529	21 044 961	197	11 270
1 to 14 acres	2 734	23 940	515 430	18	126	1 731	15 559	372 108	15	93
15 to 24 acres	2 461	46 895	1 084 330	14	236	2 160	41 366	998 938	14	236
25 to 49 acres	3 817	133 220	2 953 064	40	(D)	(D)	127 350	2 879 500	39	(D)
50 to 99 acres	2 943	199 027	4 635 984	49	2 019	2 930	198 265	4 627 809	49	2 019
100 to 249 acres	2 034	296 053	7 162 293	49	3 841	2 034	296 053	7 162 293	49	3 841
250 to 499 acres	414	133 296	3 295 273	26	3 055	414	133 296	3 295 273	26	3 055
500 to 999 acres	100	(D)	(D)	5	(D)	100	(D)	(D)	5	(D)
1,000 acres or more	3	(D)	(D)	–	–	3	(D)	(D)	–	–
Dry field and seed beans (100-lb bags):										
Acres harvested	5 458	454 585	5 310 200	68	7 726	5 263	451 502	5 285 973	67	(D)
1 to 14 acres	538	4 630	52 787	3	15	441	3 850	45 363	2	(D)
15 to 24 acres	675	12 905	146 251	4	78	615	11 814	137 852	4	78
25 to 49 acres	1 312	46 174	517 532	7	173	1 275	(D)	(D)	7	173
50 to 99 acres	1 439	102 225	1 177 939	11	606	1 438	(D)	(D)	11	606
100 to 249 acres	1 215	181 672	2 131 146	24	2 953	1 215	181 672	2 131 146	24	2 953
250 to 499 acres	227	73 589	899 465	16	2 651	227	73 589	899 465	16	2 651
500 to 999 acres	49	29 930	347 720	2	(D)	49	29 930	347 720	2	(D)
1,000 acres or more	3	3 460	37 360	1	(D)	3	3 460	37 360	1	(D)
Irish potatoes (hundredweight):										
Acres harvested	851	43 903	10 025 708	216	21 409	662	43 631	9 981 827	207	21 394
0.1 to 0.9 acres	232	85	11 832	11	4	108	34	4 470	7	3
1.0 to 2.9 acres	135	193	27 732	19	29	89	130	19 721	17	(D)
3.0 to 9.9 acres	105	476	76 997	23	87	89	408	68 789	20	75
10.0 to 24.9 acres	66	1 079	187 981	12	185	64	(D)	(D)	12	185
25.0 to 49.9 acres	85	2 993	543 085	19	563	85	2 993	543 085	19	563
50.0 to 99.9 acres	82	5 804	1 271 967	42	2 563	81	(D)	(D)	42	2 563
100.0 to 249.9 acres	105	16 467	3 768 112	60	8 035	105	16 467	3 768 112	60	8 035
250.0 to 499.9 acres	34	(D)	(D)	23	(D)	34	(D)	(D)	23	(D)
500.0 acres or more	7	(D)	(D)	7	(D)	7	(D)	(D)	7	(D)
Sugar beets for sugar (tons):										
Acres harvested	1 598	91 597	1 712 213	19	796	1 595	91 579	1 711 893	19	796
1 to 14 acres	212	1 605	31 589	1	(D)	209	1 587	31 269	1	(D)
15 to 24 acres	302	5 727	105 226	4	(D)	302	5 727	105 226	4	(D)
25 to 49 acres	492	17 622	333 269	5	132	492	17 622	333 269	5	132
50 to 99 acres	341	23 452	434 827	4	165	341	23 452	434 827	4	165
100 to 249 acres	217	31 509	590 303	5	442	217	31 509	590 303	5	442
250 to 499 acres	32	(D)	(D)	–	–	32	(D)	(D)	–	–
500 to 999 acres	2	(D)	(D)	–	–	2	(D)	(D)	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–

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
Hay crops (tons, dry) (see text):										
Acres harvested	36 136	1 633 568	3 729 147	217	9 788	25 649	1 436 883	3 451 667	199	9 547
1 to 14 acres	10 532	84 887	176 123	31	210	5 534	46 177	108 018	23	157
15 to 24 acres	7 031	130 583	260 443	28	354	4 100	77 228	184 315	23	280
25 to 49 acres	8 232	281 399	595 751	31	707	6 209	216 044	512 640	26	593
50 to 99 acres	6 095	412 161	959 317	41	1 591	5 619	382 093	921 152	41	1 591
100 to 249 acres	3 687	526 398	1 295 807	64	4 314	3 635	520 064	1 288 490	64	4 314
250 to 499 acres	499	157 397	358 216	20	(D)	493	(D)	(D)	20	(D)
500 to 999 acres	53	31 649	63 985	2	(D)	53	31 649	63 985	2	(D)
1,000 acres or more	7	9 094	19 505	–	–	6	(D)	(D)	–	–
Alfalfa hay (tons, dry):										
Acres harvested	30 435	1 137 415	2 901 154	182	6 636	22 251	999 312	2 687 629	167	6 468
1 to 14 acres	9 708	78 040	173 752	36	247	5 452	45 305	114 090	27	173
15 to 24 acres	6 106	113 662	246 852	23	351	3 801	71 807	183 659	20	312
25 to 49 acres	7 173	245 688	592 473	33	702	5 844	203 261	531 883	30	647
50 to 99 acres	4 960	326 684	851 036	45	1 677	4 695	310 100	828 693	45	1 677
100 to 249 acres	2 299	307 800	857 406	36	2 483	2 272	304 240	851 473	36	2 483
250 to 499 acres	166	(D)	(D)	9	1 176	165	(D)	(D)	9	1 176
500 to 999 acres	20	(D)	(D)	–	–	19	(D)	(D)	–	–
1,000 acres or more	3	3 650	8 200	–	–	3	3 650	8 200	–	–
Other tame dry hay (tons, dry) (see text):										
Acres harvested	6 905	188 330	317 702	10	223	4 732	152 275	274 081	7	180
1 to 14 acres	3 021	24 074	42 963	4	25	1 796	15 240	29 644	3	(D)
15 to 24 acres	1 603	29 989	47 402	4	(D)	1 078	20 047	36 439	2	(D)
25 to 49 acres	1 399	47 260	81 458	1	(D)	1 052	35 693	67 710	1	(D)
50 to 99 acres	562	36 404	62 277	–	–	502	32 685	58 469	–	–
100 to 249 acres	281	37 530	62 232	1	(D)	266	35 787	60 749	1	(D)
250 to 499 acres	36	(D)	(D)	–	–	35	(D)	(D)	–	–
500 to 999 acres	3	(D)	(D)	–	–	3	(D)	(D)	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
All vegetables harvested for sale (see text):										
Acres harvested	4 165	122 307	(X)	851	35 623	3 322	120 310	(X)	784	35 488
0.1 to 0.9 acres	296	117	(X)	33	14	131	58	(X)	19	8
1.0 to 4.9 acres	1 320	3 199	(X)	191	454	719	1 896	(X)	144	360
5.0 to 14.9 acres	1 009	8 572	(X)	187	1 329	940	8 098	(X)	181	1 294
15.0 to 24.9 acres	421	7 820	(X)	100	1 339	415	(D)	(X)	100	1 339
25.0 to 49.9 acres	526	18 261	(X)	113	2 677	524	(D)	(X)	113	2 677
50.0 to 99.9 acres	323	21 918	(X)	108	5 485	323	21 918	(X)	108	5 485
100.0 to 249.9 acres	213	31 528	(X)	86	8 509	213	31 528	(X)	86	8 509
250.0 to 499.9 acres	44	14 057	(X)	24	4 807	44	14 057	(X)	24	4 807
500.0 acres or more	13	16 836	(X)	9	11 011	13	16 836	(X)	9	11 011
Land in orchards:										
Acres in orchards	5 299	170 650	(X)	525	14 619	3 585	162 439	(X)	458	14 312
0.1 to 0.9 acres	401	204	(X)	21	9	102	47	(X)	12	6
1.0 to 4.9 acres	1 380	3 301	(X)	81	241	540	1 381	(X)	53	180
5.0 to 14.9 acres	1 325	10 994	(X)	54	407	864	7 674	(X)	33	284
15.0 to 24.9 acres	571	10 605	(X)	34	428	491	9 147	(X)	27	(D)
25.0 to 49.9 acres	667	23 177	(X)	85	1 221	639	22 289	(X)	83	(D)
50.0 to 99.9 acres	524	35 987	(X)	88	2 366	520	(D)	(X)	88	2 366
100.0 to 249.9 acres	341	49 196	(X)	117	4 968	339	(D)	(X)	117	4 968
250.0 to 499.9 acres	71	23 315	(X)	37	3 684	71	23 315	(X)	37	3 684
500.0 acres or more	19	13 870	(X)	8	1 296	19	13 870	(X)	8	1 296

	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	3 280	71 887	4 777 902	1 815	975 627	2 807	3 802 275	2 422	773 356 281
0.1 to 0.9 acres	546	181	10 073	388	5 722	268	4 351	186	489 868
1.0 to 4.9 acres	1 006	2 192	119 362	561	48 400	860	70 962	681	9 141 030
5.0 to 14.9 acres	641	5 407	333 271	253	81 708	607	251 563	525	40 630 470
15.0 to 24.9 acres	336	6 317	371 250	148	78 589	325	292 661	292	50 052 209
25.0 to 49.9 acres	350	11 889	733 202	198	157 740	348	575 462	341	115 574 832
50.0 to 99.9 acres	241	16 265	1 092 734	153	217 050	241	875 684	240	189 685 894
100.0 acres or more	160	29 636	2 118 010	114	386 418	158	1 731 592	157	367 781 978
Cherries:									
Acres	2 456	61 746	5 320 163	1 476	1 595 237	2 183	3 724 926	1 839	201 810 909
0.1 to 0.9 acres	445	115	5 534	284	2 769	247	2 765	156	69 218
1.0 to 4.9 acres	411	1 032	77 190	129	13 019	387	64 171	273	2 436 031
5.0 to 14.9 acres	634	5 420	427 271	327	129 807	600	297 464	478	12 804 199
15.0 to 24.9 acres	276	5 128	427 034	173	138 122	262	288 912	252	15 224 083
25.0 to 49.9 acres	332	11 346	980 387	258	288 748	329	691 639	324	39 655 821
50.0 to 99.9 acres	223	15 150	1 314 861	185	392 765	223	922 096	222	54 937 939
100.0 acres or more	135	23 556	2 087 886	120	630 007	135	1 457 879	134	76 683 618
Grapes (see text):									
Acres	1 553	15 529	7 788 180	350	399 156	1 489	7 389 024	1 247	118 356 478
0.1 to 0.9 acres	401	108	40 699	151	3 500	354	37 199	214	153 003
1.0 to 4.9 acres	374	968	451 476	72	26 633	365	424 843	306	4 852 881
5.0 to 14.9 acres	482	4 005	1 912 328	62	77 459	477	1 834 869	441	27 602 537
15.0 to 24.9 acres	133	2 450	1 186 437	21	52 035	131	1 134 402	125	18 380 134
25.0 to 49.9 acres	112	3 718	1 887 752	24	78 143	111	1 809 609	110	29 253 403
50.0 to 99.9 acres	41	2 770	1 488 179	14	89 182	41	1 398 997	41	22 377 400
100.0 acres or more	10	1 510	821 309	6	72 204	10	749 105	10	15 737 120

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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	68 211	43 151	20 620	4 440	47 796	26 117	18 292	3 387
percent	100.0	63.2	30.2	6.5	70.0	38.2	26.8	4.9
Land in farms — acres	11 426 256	4 500 628	6 294 993	630 635	10 224 206	3 495 384	6 138 811	590 011
Average size of farm — acres	168	104	305	142	214	134	336	174
Value of land and buildings[1] — farms	68 210	42 802	20 720	4 688	48 132	26 258	18 349	3 525
$1,000	11 115 789	4 181 927	6 154 249	779 613	9 848 448	3 172 608	5 954 969	720 870
Average per farm — dollars	162 964	97 703	297 019	166 299	204 613	120 824	324 539	204 502
Average per acre — dollars	974	929	986	1 164	964	902	980	1 153
Farms by value of land and buildings:								
$1 to $19,999	4 566	3 735	191	640	1 711	1 420	62	229
$20,000 to $39,999	9 537	8 056	875	606	4 454	3 598	488	368
$40,000 to $69,999	15 253	12 020	2 325	908	8 482	6 408	1 465	609
$70,000 to $99,999	9 469	6 850	2 198	421	6 991	4 784	1 817	390
$100,000 to $149,999	8 831	4 993	3 261	577	7 242	3 948	2 855	439
$150,000 to $199,999	5 067	2 468	2 214	385	4 483	1 998	2 113	372
$200,000 to $499,999	11 099	3 801	6 507	791	10 549	3 352	6 424	773
$500,000 to $999,999	3 253	736	2 243	274	3 105	621	2 225	259
$1,000,000 or more	1 135	143	906	86	1 115	129	900	86
Owned and rented land by operator:								
Land owned — farms	63 829	43 151	20 620	58	44 457	26 117	18 292	48
acres	8 261 793	4 843 368	3 414 135	4 290	7 058 614	3 726 859	3 327 958	3 797
Land rented or leased from others — farms	25 161	101	20 620	4 440	21 753	74	18 292	3 387
acres	3 584 970	5 052	2 931 858	648 060	3 455 138	4 067	2 857 327	593 744
Land rented or leased to others — farms	7 325	6 327	827	171	4 661	3 848	706	107
acres	420 507	347 792	51 000	21 715	289 546	235 542	46 474	7 530
LAND IN FARMS ACCORDING TO USE								
Total cropland — farms	66 079	41 307	20 565	4 207	46 951	25 353	18 258	3 340
acres	8 654 403	3 009 007	5 113 697	531 699	7 992 385	2 470 548	5 014 512	507 325
Harvested cropland — farms	62 925	38 518	20 346	4 061	45 888	24 397	18 190	3 301
acres	6 947 059	2 141 244	4 347 903	457 912	6 609 166	1 873 929	4 291 997	443 240
Farms by acres harvested:								
1 to 49 acres	30 670	24 893	4 147	1 630	14 608	11 451	2 235	922
50 to 99 acres	12 556	8 061	3 451	1 044	11 666	7 425	3 245	996
100 to 199 acres	9 821	3 908	5 120	793	9 741	3 867	5 085	789
200 to 499 acres	7 775	1 484	5 809	482	7 770	1 482	5 806	482
500 to 999 acres	1 722	150	1 481	91	1 722	150	1 481	91
1,000 to 1,999 acres	341	20	302	19	341	20	302	19
2,000 acres or more	40	2	36	2	40	2	36	2
Cropland:								
Pasture or grazing only — farms	22 886	14 550	7 475	861	15 148	8 047	6 419	682
acres	757 696	378 286	351 941	27 469	607 018	253 809	328 987	24 222
Cover crops, legumes, and soil-improvement grasses not harvested or pastured — farms	9 359	5 803	3 162	394	7 065	3 910	2 801	354
acres	214 951	110 729	95 056	9 166	180 639	81 178	90 807	8 654
On which all crops failed — farms	3 867	2 254	1 394	219	2 556	1 157	1 233	166
acres	75 521	33 453	36 897	5 171	57 965	19 677	34 098	4 190
In cultivated summer fallow — farms	7 682	4 563	2 769	350	6 056	3 168	2 591	297
acres	174 565	82 025	83 249	9 291	152 611	63 864	80 201	8 546
Idle — farms	18 615	11 708	6 060	847	13 406	7 343	5 371	692
acres	484 611	263 270	198 651	22 690	384 986	178 091	188 422	18 473
Total woodland — farms	36 313	23 391	11 709	1 213	26 290	14 556	10 740	994
acres	1 575 759	880 606	650 377	44 776	1 245 440	589 005	618 153	38 282
Woodland pastured — farms	8 992	5 499	3 163	330	6 680	3 546	2 871	263
acres	340 189	172 892	156 925	10 372	281 456	124 911	148 888	7 657
Woodland not pastured — farms	30 629	19 736	9 930	963	22 210	12 264	9 137	809
acres	1 235 570	707 714	493 452	34 404	963 984	464 094	469 265	30 625
Pastureland and rangeland other than cropland and woodland pastured — farms	7 345	4 490	2 548	307	5 563	3 043	2 287	233
acres	323 062	148 030	154 795	20 237	279 954	114 759	148 526	16 669
Land in house lots, ponds, roads, wasteland, etc. — farms	52 031	34 548	15 382	2 101	35 688	20 581	13 607	1 500
acres	873 032	462 985	376 124	33 923	706 427	321 072	357 620	27 735
Pastureland, all types — farms	30 270	19 369	9 757	1 144	20 594	11 212	8 488	894
acres	1 420 947	699 208	663 661	58 078	1 168 428	493 479	626 401	48 548
Irrigated land — farms	3 183	1 778	1 237	168	2 901	1 533	1 213	155
acres	226 133	63 346	146 855	15 932	224 658	62 022	146 742	15 894
Harvested cropland irrigated — farms	3 127	1 740	1 221	166	2 868	1 515	1 199	154
acres	222 875	61 728	145 282	15 865	221 746	60 712	145 200	15 834
Pastureland irrigated — farms	40	26	12	2	28	16	11	1
acres	716	309	(D)	(D)	611	231	(D)	(D)
Other land irrigated — farms	143	80	52	11	118	57	50	11
acres	2 542	1 309	(D)	(D)	2 301	1 079	(D)	(D)
Land set aside in the federal farm programs in 1978 — farms	12 727	6 086	5 907	734	11 519	5 068	5 764	687
acres	245 452	70 703	160 614	14 135	238 052	64 608	159 642	13 802
RACE AND TENURE OF OPERATOR								
All operators — number	68 211	43 151	20 620	4 440	47 796	26 117	18 292	3 387
Full owners — number	43 151	43 151	–	–	26 117	26 117	–	–
Part owners — number	20 620	–	20 620	–	18 292	–	18 292	–
Tenants — number	4 440	–	–	4 440	3 387	–	–	3 387
White — number	67 772	42 867	20 486	4 419	47 590	25 985	18 231	3 374
Full owners — number	42 867	42 867	–	–	25 985	25 985	–	–
Part owners — number	20 486	–	20 486	–	18 231	–	18 231	–
Tenants — number	4 419	–	–	4 419	3 374	–	–	3 374
Black and other races — number	439	284	134	21	206	132	61	13
Full owners — number	284	284	–	–	132	132	–	–
Part owners — number	134	–	134	–	61	–	61	–
Tenants — number	21	–	–	21	13	–	–	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
FARMS BY TYPE OF ORGANIZATION								
Individual or family—farms	61 399	40 205	17 595	3 599	41 946	23 886	15 410	2 650
acres	9 180 975	3 947 076	4 784 147	449 752	8 076 505	3 023 572	4 640 376	412 557
Partnership—farms	5 890	2 426	2 734	730	5 075	1 844	2 597	634
acres	1 813 363	410 501	1 284 868	117 994	1 754 094	364 806	1 274 384	114 904
Corporations:								
Family held—farms	694	398	220	76	589	296	219	74
acres	354 970	119 124	177 464	58 382	322 735	87 560	176 894	58 281
More than 10 stockholders—farms	14	5	8	1	14	5	8	1
10 or less stockholders—farms	680	393	212	75	575	291	211	73
Other than family held—farms	93	38	45	10	92	38	44	10
acres	49 022	10 322	36 486	2 214	48 648	10 322	36 112	2 214
More than 10 stockholders—farms	11	7	3	1	11	7	3	1
10 or less stockholders—farms	82	31	42	9	81	31	41	9
Other—cooperative, estate or trust, etc.—farms	135	84	26	25	94	53	22	19
acres	27 926	13 605	12 028	2 293	22 224	9 124	11 045	2 055
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	56 135	35 572	18 068	2 495	39 053	21 173	16 041	1 839
Not on farm operated	6 835	3 809	1 384	1 642	4 903	2 394	1 193	1 316
Operators by age group:								
Under 25 years	2 316	649	635	1 032	1 567	342	504	721
25 to 34 years	9 136	4 315	3 536	1 285	6 187	2 139	3 004	1 044
35 to 44 years	14 303	8 358	5 205	740	9 710	4 450	4 630	630
45 to 54 years	16 734	10 499	5 512	723	12 062	6 647	4 922	493
55 to 64 years	15 640	10 937	4 307	396	11 804	7 454	4 023	327
65 years and over	10 082	8 393	1 425	264	6 466	5 085	1 209	172
Average age	49.3	52.1	46.1	37.3	49.3	52.9	46.4	37.1
Operators by sex:								
Male	65 575	40 996	20 235	4 344	46 329	24 989	18 014	3 326
Female	2 636	2 155	385	96	1 467	1 128	278	61
Operators of Spanish origin	301	171	122	8	127	61	58	8
Operators by principal occupation:								
Farming	30 909	16 138	12 908	1 863	27 013	12 780	12 585	1 648
Other	37 302	27 013	7 712	2 577	20 783	13 337	5 707	1 739
Operators reporting days of work off farm:								
None	24 093	14 042	8 840	1 211	19 468	9 918	8 573	977
1 to 99 days	5 523	2 652	2 398	473	4 624	1 892	2 309	423
100 to 199 days	5 396	3 415	1 597	384	3 724	2 000	1 385	339
200 days or more	30 950	21 570	7 096	2 284	18 069	11 134	5 367	1 568
FARMS BY SIZE								
1 to 9 acres	3 581	2 913	136	532	1 323	1 129	42	152
10 to 49 acres	16 611	13 605	2 038	968	6 672	5 266	825	581
50 to 69 acres	4 933	3 600	975	358	3 156	2 159	701	296
70 to 99 acres	9 734	7 737	1 442	555	6 658	4 969	1 195	494
100 to 139 acres	7 887	5 282	1 970	635	6 217	4 002	1 714	501
140 to 179 acres	5 614	3 517	1 753	344	4 810	2 827	1 649	334
180 to 219 acres	3 974	1 913	1 835	226	3 650	1 653	1 780	217
220 to 259 acres	3 126	1 372	1 573	181	2 958	1 225	1 553	180
260 to 499 acres	8 388	2 494	5 443	451	8 045	2 212	5 390	443
500 to 999 acres	3 509	624	2 738	147	3 458	584	2 728	146
1,000 to 1,999 acres	743	81	626	36	738	78	624	36
2,000 acres or more	111	13	91	7	111	13	91	7
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	23 849	13 290	8 170	2 389	18 881	9 511	7 411	1 959
Field crop, except cash grain farms (013)	7 240	5 470	1 439	331	3 858	2 542	1 050	266
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	7 240	5 470	1 439	331	3 858	2 542	1 050	266
Vegetable and melon farms (016)	2 061	1 428	504	129	1 650	1 044	487	119
Fruit and tree nut farms (017)	4 339	3 629	601	109	3 035	2 376	569	90
Horticultural specialty farms (018)	1 353	1 100	127	126	985	811	112	62
General farms, primarily crop (019)	3 249	2 421	727	101	1 240	586	583	71
Livestock farms, except dairy, poultry, and animal specialty (021)	15 497	10 858	3 951	688	9 221	5 689	3 121	411
Beef cattle farms, except feedlots (0212)	5 433	4 096	1 198	139	2 907	1 942	874	91
Dairy farms (024)	7 029	2 311	4 390	328	6 983	2 271	4 387	325
Poultry and egg farms (025)	654	511	136	7	409	285	118	6
Animal specialty farms (027)	1 889	1 471	227	191	919	751	128	40
General farms, primarily livestock (029)	1 051	662	348	41	615	251	326	38
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold—farms	68 211	43 151	20 620	4 440	47 796	26 117	18 292	3 387
$1,000	1 938 147	665 887	1 163 548	108 711	1 916 846	648 479	1 160 883	107 484
Farms by value of agricultural products sold:								
$500,000 or more	258	89	157	12	258	89	157	12
$200,000 to $499,999	1 205	279	874	52	1 205	279	874	52
$100,000 to $199,999	2 839	717	2 011	111	2 839	717	2 011	111
$40,000 to $99,999	7 805	2 420	4 900	485	7 805	2 420	4 900	485
$20,000 to $39,999	7 114	3 094	3 519	501	7 114	3 094	3 519	501
$10,000 to $19,999	8 699	4 896	2 958	845	8 699	4 896	2 958	845
$5,000 to $9,999	9 913	6 870	2 291	752	9 913	6 870	2 291	752
$2,500 to $4,999	9 963	7 752	1 582	629	9 963	7 752	1 582	629
Less than $2,500	20 415	17 034	2 328	1 053	(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	37 601	19 750	14 789	3 062	31 637	15 174	13 804	2 659
$1,000	519 232	133 607	345 043	40 582	512 867	128 703	344 107	40 056
Sales of $40,000 or more—farms	3 028	391	2 439	198	3 028	391	2 439	198
$1,000	257 286	27 195	213 834	16 258	257 286	27 195	213 834	16 258
Commodity Credit Corporation loans—farms	3 406	1 319	1 861	226	3 209	1 166	1 833	210
$1,000	30 118	5 150	23 379	1 589	30 038	5 089	23 365	1 584
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	16 422	10 346	5 313	763	12 105	6 670	4 763	672
$1,000	56 617	27 655	25 576	3 385	52 573	24 162	25 115	3 296
Sales of $40,000 or more—farms	74	23	49	2	74	23	49	2
$1,000	4 638	(D)	3 014	(D)	4 638	(D)	3 014	(D)
Vegetables, sweet corn, and melons—farms	4 155	2 674	1 264	217	3 318	1 910	1 211	197
$1,000	98 325	40 509	49 413	8 402	97 841	40 071	49 386	8 384
Sales of $40,000 or more—farms	488	162	293	33	488	162	293	33
$1,000	72 948	26 531	39 713	6 704	72 948	26 531	39 713	6 704
Fruits, nuts, and berries—farms	5 300	4 105	1 046	149	4 139	3 010	999	130
$1,000	161 574	97 956	58 711	4 907	160 563	96 987	58 685	4 891
Sales of $40,000 or more—farms	1 065	678	358	29	1 065	678	358	29
$1,000	127 818	72 967	51 041	3 811	127 818	72 967	51 041	3 811
Nursery and greenhouse products—farms	1 686	1 319	226	141	1 229	946	207	76
$1,000	103 763	66 333	30 281	7 148	103 214	65 888	30 259	7 068
Sales of $40,000 or more—farms	395	287	77	31	395	287	77	31
$1,000	94 884	59 324	29 014	6 546	94 884	59 324	29 014	6 546
Other crops—farms	2 257	725	1 321	211	2 175	653	1 316	206
$1,000	73 462	16 207	52 364	4 891	73 413	16 166	52 361	4 886
Sales of $40,000 or more—farms	477	79	370	28	477	79	370	28
$1,000	51 692	10 301	38 399	2 992	51 692	10 301	38 399	2 992
Poultry and poultry products—farms	3 858	2 688	1 016	154	2 270	1 303	837	130
$1,000	78 197	45 719	30 976	1 503	77 925	45 477	30 948	1 500
Sales of $40,000 or more—farms	306	180	120	6	306	180	120	6
$1,000	73 945	43 090	29 498	1 357	73 945	43 090	29 498	1 357
Dairy products—farms	8 399	2 885	5 110	404	8 274	2 776	5 098	400
$1,000	434 999	95 479	322 051	17 469	434 912	95 404	322 044	17 464
Sales of $40,000 or more—farms	3 940	840	2 933	167	3 940	840	2 933	167
$1,000	352 669	64 621	274 961	13 086	352 669	64 621	274 961	13 086
Cattle and calves—farms	24 521	13 055	10 305	1 161	19 868	9 254	9 616	998
$1,000	262 503	79 278	169 453	13 772	257 710	75 225	168 843	13 641
Sales of $40,000 or more—farms	906	233	626	47	906	233	626	47
$1,000	141 991	29 401	103 966	8 625	141 991	29 401	103 966	8 625
Hogs and pigs—farms	9 424	5 237	3 500	687	7 157	3 531	3 144	482
$1,000	125 896	45 295	74 950	5 651	124 188	44 122	74 601	5 466
Sales of $40,000 or more—farms	728	235	459	34	728	235	459	34
$1,000	80 680	24 423	53 716	2 540	80 680	24 423	53 716	2 540
Sheep, lambs, and wool—farms	2 510	1 771	634	105	1 406	811	510	85
$1,000	4 819	2 573	2 012	234	4 267	2 099	1 949	220
Sales of $40,000 or more—farms	9	2	7	–	9	2	7	–
$1,000	594	(D)	(D)	–	594	(D)	(D)	–
Other livestock and livestock products (see text)—farms	3 987	2 884	820	283	2 267	1 519	631	117
$1,000	18 762	15 276	2 718	768	17 374	14 176	2 585	612
Sales of $40,000 or more—farms	69	50	16	3	69	50	16	3
$1,000	8 761	7 299	1 272	190	8 761	7 299	1 272	190
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased—farms	21 314	12 378	7 671	1 265	14 889	7 293	6 660	936
$1,000	148 807	47 496	92 094	9 217	144 249	43 921	91 401	8 928
Farms with expenses of—								
$1 to $4,999	17 478	10 981	5 518	979	11 112	5 934	4 528	650
$5,000 to $19,999	2 397	903	1 317	177	2 350	877	1 296	177
$20,000 to $49,999	892	327	488	77	892	327	488	77
$50,000 or more	547	167	348	32	535	155	348	32
Feed for livestock and poultry—farms	33 378	19 378	12 079	1 921	23 690	11 668	10 683	1 339
$1,000	183 706	71 160	104 748	7 798	177 618	66 777	103 746	7 094
Farms with expenses of—								
$1 to $4,999	26 779	17 285	7 912	1 582	17 163	9 630	6 523	1 010
$5,000 to $19,999	4 879	1 553	3 054	272	4 807	1 498	3 047	262
$20,000 to $49,999	1 171	312	810	49	1 171	312	810	49
$50,000 or more	549	228	303	18	549	228	303	18
Commercially mixed formula feeds—farms	17 624	9 205	7 333	1 086	12 942	5 465	6 712	765
tons	647 388	275 545	351 089	20 754	630 190	262 726	348 151	19 314
$1,000	109 164	44 983	60 394	3 786	106 484	43 079	59 985	3 420
Farms by tons purchased:								
1 to 99 tons	16 671	8 848	6 764	1 059	11 989	5 108	6 143	738
100 to 499 tons	776	269	481	26	776	269	481	26
500 tons or more	177	88	88	1	177	88	88	1
Farms with expenses of—								
$1 to $4,999	13 911	8 113	4 883	915	9 246	4 380	4 262	604
$5,000 to $19,999	2 873	779	1 948	146	2 856	772	1 948	136
$20,000 to $49,999	503	153	334	16	503	153	334	16
$50,000 or more	337	160	168	9	337	160	168	9

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	26 970	14 798	10 708	1 464	20 610	9 747	9 717	1 146
$1,000	13 693	4 528	8 479	687	12 819	3 884	8 313	622
Farms with expenses of—								
$1 to $499	20 773	12 913	6 805	1 055	14 658	7 989	5 911	758
$500 to $999	2 680	937	1 516	227	2 529	878	1 435	216
$1,000 to $2,999	2 684	750	1 776	158	2 604	695	1 761	148
$3,000 or more	833	198	611	24	819	185	610	24
Seeds, bulbs, plants, and trees—farms	49 763	27 925	18 158	3 680	39 967	19 995	16 949	3 023
$1,000	81 155	26 269	48 708	6 178	79 240	24 830	48 427	5 984
Farms with expenses of—								
$1 to $999	32 444	22 317	7 850	2 277	22 738	14 435	6 665	1 638
$1,000 to $4,999	14 089	4 910	7 991	1 188	14 017	4 880	7 967	1 170
$5,000 to $9,999	2 180	446	1 588	146	2 162	428	1 588	146
$10,000 or more	1 050	252	729	69	1 050	252	729	69
Commercial fertilizer—farms	51 937	29 391	18 776	3 770	41 586	21 206	17 238	3 142
$1,000	175 764	45 655	117 547	12 562	172 063	42 843	116 917	12 303
Farms with expenses of—								
$1 to $2,499	35 365	24 683	8 161	2 521	25 048	16 518	6 637	1 893
$2,500 to $9,999	12 175	4 111	7 076	988	12 141	4 091	7 062	988
$10,000 to $19,999	2 979	465	2 315	199	2 979	465	2 315	199
$20,000 or more	1 418	132	1 224	62	1 418	132	1 224	62
Other agricultural chemicals including lime—farms	47 023	26 153	17 383	3 487	38 661	19 303	16 377	2 981
$1,000	68 498	21 987	41 953	4 558	67 091	20 828	41 778	4 486
Farms with expenses of—								
$1 to $2,499	40 358	24 406	12 843	3 109	32 010	17 569	11 838	2 603
$2,500 to $9,999	5 498	1 471	3 700	327	5 484	1 458	3 699	327
$10,000 to $19,999	846	204	608	34	846	204	608	34
$20,000 or more	321	72	232	17	321	72	232	17
Energy and petroleum products—farms	67 874	42 514	20 704	4 656	48 059	26 193	18 345	3 521
$1,000	131 123	51 779	71 658	7 686	124 897	46 782	70 758	7 357
Farms with expenses of—								
$1 to $2,499	54 841	38 633	12 312	3 896	35 031	22 317	9 953	2 761
$2,500 to $9,999	11 025	3 346	7 002	677	11 020	3 341	7 002	677
$10,000 to $19,999	1 523	363	1 105	55	1 523	363	1 105	55
$20,000 or more	485	172	285	28	485	172	285	28
Petroleum products—farms	67 839	42 483	20 700	4 656	48 059	26 193	18 345	3 521
$1,000	100 071	38 991	54 903	6 178	95 190	35 108	54 193	5 889
Gasoline—farms	63 943	40 121	19 683	4 139	45 413	24 738	17 493	3 182
$1,000	48 196	20 869	24 390	2 937	44 625	18 011	23 869	2 744
Diesel fuel—farms	30 909	14 304	14 084	2 521	27 522	11 719	13 585	2 218
$1,000	29 217	7 753	19 533	1 931	28 748	7 386	19 461	1 901
LP gas, butane, and propane—farms	6 997	2 800	3 844	353	6 554	2 428	3 785	341
$1,000	7 403	2 039	4 930	434	7 346	1 993	4 919	434
Fuel oil—farms	5 794	3 078	2 333	383	4 945	2 422	2 244	279
$1,000	3 753	2 283	1 227	243	3 612	2 192	1 210	210
Natural gas—farms	1 502	809	618	75	1 364	686	603	75
$1,000	4 560	3 134	1 226	200	4 531	3 108	1 222	200
Kerosene, motor oil, and grease—farms	67 838	42 482	20 700	4 656	48 058	26 192	18 345	3 521
$1,000	6 941	2 913	3 596	432	6 329	2 417	3 512	400
Electricity—farms	45 899	27 082	16 439	2 378	36 051	18 984	15 055	2 012
$1,000	30 339	12 333	16 515	1 491	29 079	11 295	16 331	1 453
Other—coal, wood, coke, etc.—farms	2 137	1 386	700	51	1 608	926	646	36
$1,000	713	455	241	17	628	378	234	16
Hired farm labor—farms	22 907	11 568	9 967	1 372	20 314	9 491	9 555	1 268
$1,000	136 398	56 301	72 884	7 213	134 991	55 242	72 605	7 143
Farms with expenses of—								
$1 to $4,999	17 936	9 702	7 066	1 168	15 343	7 625	6 654	1 064
$5,000 to $19,999	3 533	1 269	2 138	126	3 533	1 269	2 138	126
$20,000 to $49,999	1 010	411	543	56	1 010	411	543	56
$50,000 or more	428	186	220	22	428	186	220	22
Workers by number of days worked:								
150 days or more—farms	6 985	2 690	3 952	343	6 867	2 611	3 917	339
workers	18 346	7 540	9 963	843	18 203	7 448	9 916	839
Less than 150 days—farms	20 142	10 517	8 399	1 226	17 623	8 494	8 003	1 126
workers	124 535	64 541	53 181	6 813	117 635	59 176	51 877	6 582
Contract labor—farms	3 304	2 102	1 029	173	2 832	1 674	994	164
$1,000	12 430	5 585	6 409	436	12 178	5 358	6 387	433
Farms with expenses of—								
$1 to $2,499	2 445	1 646	685	114	1 979	1 222	652	105
$2,500 to $9,999	615	345	218	52	609	341	216	52
$10,000 to $19,999	139	62	71	6	139	62	71	6
$20,000 or more	105	49	55	1	105	49	55	1
Customwork, machine hire, and rental of machinery and equipment—farms	27 238	15 511	9 935	1 792	21 650	11 100	8 995	1 555
$1,000	27 150	11 959	13 379	1 812	25 616	10 725	13 153	1 739
Farms with expenses of—								
$1 to $2,499	24 702	14 555	8 515	1 632	19 134	10 160	7 575	1 399
$2,500 to $9,999	2 317	882	1 296	139	2 297	866	1 296	135
$10,000 to $19,999	182	66	98	18	182	66	98	18
$20,000 or more	37	8	26	3	37	8	26	3
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services—farms	6 013	1 770	3 607	636	5 323	1 334	3 463	526
$1,000	12 499	2 612	8 544	1 343	11 757	2 389	8 443	925
Value of agricultural products sold directly to individuals for human consumption—farms	6 785	4 357	2 140	288	4 474	2 450	1 791	233
$1,000	22 404	10 888	10 119	1 397	21 244	9 922	9 957	1 364

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 ---farms--	68 110	42 730	20 720	4 660	48 122	26 248	18 349	3 525
$1,000--	2 070 588	806 671	1 126 008	137 908	1 915 216	683 148	1 102 957	129 111
Farms by value group:								
$1 to $4,999	8 703	7 206	1 022	475	3 497	2 673	524	300
$5,000 to $9,999	18 558	14 617	2 761	1 180	7 368	5 521	1 420	427
$10,000 to $19,999	13 290	9 192	3 082	1 016	10 718	7 124	2 747	847
$20,000 to $49,999	14 500	7 768	5 601	1 131	13 656	7 095	5 462	1 099
$50,000 to $99,999	8 237	2 851	4 812	574	8 079	2 750	4 761	568
$100,000 to $199,999	3 717	903	2 599	215	3 706	892	2 599	215
$200,000 to $499,999	1 053	184	801	68	1 046	184	794	68
$500,000 or more	52	9	42	1	52	9	42	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---farms--	46 441	27 517	16 227	2 697	36 751	19 324	15 151	2 276
number--	64 994	37 230	24 193	3 571	52 044	26 240	22 758	3 046
Motortrucks, including pickups ---farms--	55 328	32 562	18 922	3 844	41 787	21 853	16 943	2 991
number--	83 335	43 815	33 686	5 834	67 791	31 677	31 314	4 800
Wheel tractors ---farms--	62 695	38 516	19 933	4 246	45 250	24 148	17 840	3 262
number--	157 557	83 674	63 998	9 885	129 787	60 903	60 374	8 510
2 or 3 ---farms--	32 152	20 129	9 936	2 087	25 190	14 418	8 889	1 883
number--	76 764	46 987	24 812	4 965	61 470	34 486	22 482	4 502
4 or more ---farms--	12 746	4 768	7 253	725	12 140	4 279	7 180	681
number--	62 996	23 068	36 442	3 486	60 397	20 966	36 121	3 310
Grain and bean combines, self-propelled only ---farms--	18 344	7 541	9 381	1 422	16 988	6 469	9 184	1 335
number--	19 470	7 873	10 094	1 503	18 103	6 795	9 892	1 416
Cornpickers, corn heads, and picker-shellers ---farms--	26 865	12 483	12 376	2 006	23 411	9 865	11 786	1 760
number--	31 684	14 205	15 044	2 435	28 002	11 445	14 427	2 130
Corn heads for combines ---farms--	10 598	3 340	6 316	942	10 114	2 981	6 264	869
number--	11 330	3 519	6 804	1 007	10 839	3 160	6 745	934
Other cornpickers and picker-shellers ---farms--	19 454	10 272	7 824	1 358	16 336	7 915	7 281	1 140
number--	20 354	10 686	8 240	1 428	17 163	8 285	7 682	1 196
Cottonpickers ---farms--	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–
Mower conditioners ---farms--	20 680	10 497	9 081	1 102	17 381	7 829	8 525	1 027
number--	22 055	11 342	9 503	1 210	18 311	8 241	8 935	1 135
Pickup balers ---farms--	25 181	13 446	10 421	1 314	20 439	9 692	9 576	1 171
number--	26 027	13 735	10 916	1 376	21 193	9 896	10 064	1 233
Field forage harvesters, shear bar or flywheel type ---farms--	11 167	4 350	6 174	643	10 096	3 519	5 969	608
number--	12 974	4 912	7 313	749	11 818	4 043	7 073	702
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---farms--	55 739	32 331	19 402	4 006	43 628	22 590	17 703	3 335
$1,000--	244 262	67 643	159 500	17 120	239 154	63 670	158 695	16 789
Commercial fertilizer ---farms--	50 808	28 549	18 612	3 647	40 932	20 735	17 108	3 089
acres on which used--	5 740 804	1 557 308	3 755 355	428 141	5 587 505	1 444 500	3 725 982	417 023
Lime ---farms--	8 139	4 368	3 462	309	6 730	3 155	3 291	284
acres on which used--	260 788	94 915	149 873	16 000	245 774	82 119	148 016	15 639
tons--	548 842	197 774	314 261	36 807	516 585	171 409	309 180	35 996
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---farms--	17 785	9 860	6 762	1 163	15 123	7 575	6 468	1 080
acres on which used--	1 550 296	456 145	980 411	113 740	1 522 215	434 207	975 844	112 164
Nematodes in crops ---farms--	2 612	1 393	1 084	135	2 382	1 221	1 037	124
acres on which used--	226 963	61 425	153 603	11 935	224 631	60 032	152 989	11 610
Diseases in crops and orchards ---farms--	7 647	5 240	2 052	355	5 959	3 664	1 964	331
acres on which used--	419 155	173 563	217 937	27 655	406 540	162 080	217 139	27 321
Weeds, grass, or brush in crops and pasture ---farms--	33 791	17 457	13 713	2 621	28 565	13 415	12 944	2 206
acres on which used--	3 704 356	918 007	2 496 387	289 962	3 626 221	861 129	2 482 557	282 535
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---farms--	2 102	1 348	652	102	1 781	1 076	609	96
acres on which used--	94 111	40 245	49 755	4 111	90 354	37 285	49 046	4 023
Insect control on livestock and poultry ---farms--	12 144	6 086	5 405	653	10 006	4 321	5 108	577
Sanitation and rodent and bird control ---farms--	8 544	4 663	3 389	492	6 953	3 271	3 235	447
LIVESTOCK								
Cattle and calves inventory ---farms--	28 393	16 419	10 827	1 147	20 280	9 478	9 844	958
number--	1 272 703	397 774	821 359	53 570	1 207 872	344 395	811 510	51 967
Farms with—								
1 to 9	9 529	7 371	1 842	316	3 714	2 341	1 196	177
10 to 49	11 439	7 028	3 911	500	9 182	5 143	3 587	452
50 to 99	4 071	1 330	2 525	216	4 035	1 307	2 514	214
100 to 199	2 345	518	1 747	80	2 341	516	1 745	80
200 to 499	882	156	696	30	881	155	696	30
500 or more	127	16	106	5	127	16	106	5
Cows and heifers that had calved ---farms--	21 225	11 865	8 507	853	15 446	6 910	7 830	706
number--	530 983	168 099	341 701	21 183	504 415	146 178	337 707	20 530
Beef cows ---farms--	11 822	7 727	3 715	380	7 562	4 118	3 132	312
number--	145 627	74 853	65 362	5 412	122 709	55 986	61 748	4 975
Farms with—								
1 to 9	7 456	5 387	1 852	217	3 777	2 242	1 372	163
10 to 49	3 936	2 177	1 617	142	3 358	1 715	1 515	128
50 to 99	300	118	166	16	299	117	166	16
100 to 199	97	31	61	5	96	31	60	5
200 to 499	28	14	14	–	27	13	14	–
500 or more	5	–	5	–	5	–	5	–

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	11 113	4 982	5 583	548	9 160	3 272	5 425	463
number	385 356	93 246	276 339	15 771	381 706	90 192	275 959	15 555
Farms with—								
1 to 4	2 950	2 245	554	151	1 112	619	419	74
5 to 9	492	325	132	35	402	259	115	28
10 to 49	4 836	1 881	2 696	259	4 811	1 863	2 690	258
50 to 99	2 098	431	1 583	84	2 098	431	1 583	84
100 to 199	660	88	557	15	660	88	557	15
200 to 499	73	12	57	4	73	12	57	4
500 or more	4	–	4	–	4	–	4	–
Heifers and heifer calves—farms	20 737	11 320	8 534	883	15 395	6 758	7 905	732
number	386 875	112 608	258 355	15 912	368 702	97 501	255 793	15 408
Steers, steer calves, bulls, and bull calves—farms	22 667	12 700	9 019	948	16 807	7 785	8 230	792
number	354 845	117 067	221 303	16 475	334 755	100 716	218 010	16 029
Cattle and calves sold—farms	24 521	13 055	10 305	1 161	19 868	9 254	9 616	998
number	683 971	228 256	419 271	36 444	665 600	213 039	416 911	35 650
$1,000	262 503	79 278	169 453	13 772	257 710	75 225	168 843	13 641
Calves—farms	12 222	5 913	5 684	625	10 389	4 431	5 434	524
number	191 015	74 438	106 375	10 202	183 643	68 604	105 413	9 626
$1,000	25 758	11 559	12 949	1 250	24 707	10 702	12 810	1 194
Cattle—farms	21 492	11 326	9 224	942	17 726	8 206	8 660	860
number	492 956	153 818	312 896	26 242	481 957	144 435	311 498	26 024
$1,000	236 744	67 719	156 503	12 522	233 003	64 523	156 033	12 447
Fattened on grain and concentrates—farms	9 233	5 124	3 669	440	7 492	3 707	3 381	404
number	290 196	75 513	196 922	17 761	285 367	71 417	196 281	17 669
$1,000	149 108	35 689	104 775	8 645	147 390	34 219	104 558	8 613
Hogs and pigs inventory—farms	10 900	6 598	3 597	705	7 167	3 561	3 177	429
number	956 760	354 909	551 299	50 552	916 984	327 747	542 839	46 398
Farms with—								
1 to 9	4 241	3 248	758	235	1 652	977	592	83
10 to 49	3 431	1 941	1 225	265	2 391	1 266	979	146
50 to 99	1 199	634	495	70	1 104	547	490	67
100 to 199	872	388	421	63	864	384	419	61
200 to 499	739	271	415	53	738	271	414	53
500 or more	418	116	283	19	418	116	283	19
Used or to be used for breeding—farms	6 840	3 867	2 526	447	5 088	2 527	2 273	288
number	162 815	69 675	84 300	8 840	149 894	58 944	83 050	7 900
Other—farms	10 020	6 000	3 358	662	6 513	3 155	2 966	392
number	793 945	285 234	466 999	41 712	767 090	268 803	459 789	38 498
Hogs and pigs sold—farms	9 424	5 237	3 500	687	7 157	3 531	3 144	482
number	1 415 153	533 423	815 132	66 598	1 382 737	514 692	805 267	62 778
$1,000	125 896	45 295	74 950	5 651	124 188	44 122	74 601	5 466
Feeder pigs sold—farms	2 913	1 614	1 163	136	2 262	1 205	937	120
number	321 584	145 192	159 912	16 480	303 194	136 202	151 137	15 855
$1,000	13 964	6 268	6 979	717	13 366	5 945	6 716	704
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30—farms	7 356	4 183	2 675	498	5 292	2 641	2 351	300
number	176 650	71 099	97 456	8 095	170 461	67 371	95 704	7 386
Dec. 1 and May 31—farms	5 832	3 313	2 174	345	4 428	2 207	1 970	251
number	83 743	34 502	45 752	3 489	81 126	32 605	45 255	3 266
June 1 and Nov. 30—farms	5 981	3 172	2 356	453	4 558	2 204	2 089	265
number	92 907	36 597	51 704	4 606	89 335	34 766	50 449	4 120
Sheep and lambs of all ages inventory—farms	2 614	1 802	644	168	1 485	877	520	88
number	112 493	68 336	38 237	5 920	85 016	43 743	35 900	5 373
Ewes 1 year old or older—farms	2 324	1 598	574	152	1 350	813	461	76
number	66 761	43 113	20 324	3 324	48 270	26 571	18 742	2 957
Sheep and lambs sold—farms	2 256	1 547	609	100	1 348	775	492	81
number	77 616	42 692	31 068	3 856	68 105	34 287	30 230	3 588
Sheep and lambs shorn—farms	2 323	1 661	569	93	1 275	745	455	75
number	95 313	54 550	35 607	5 156	75 421	36 785	33 872	4 764
pounds of wool	721 877	410 418	270 351	41 108	601 148	304 006	258 693	38 449
Horses and ponies inventory—farms	12 160	8 330	3 342	488	6 361	3 528	2 532	301
number	53 948	36 311	14 952	2 685	29 690	17 346	10 655	1 689
Horses and ponies sold—farms	2 637	1 895	571	171	1 493	1 017	425	51
number	7 572	5 255	1 794	523	5 284	3 619	1 471	194
$1,000	8 948	7 014	1 483	451	7 855	6 145	1 372	338
Goats inventory—farms	939	685	205	49	290	148	99	43
number	5 134	3 510	1 477	147	1 956	1 010	861	85
Goats sold—farms	325	228	56	41	136	59	39	38
number	1 396	981	314	101	607	357	177	73
$1,000	41	30	9	2	18	12	5	1
POULTRY								
Chickens 3 months old or older inventory—farms	8 115	5 800	1 962	353	4 109	2 419	1 511	179
number	7 073 150	4 098 776	2 854 874	119 500	6 927 189	3 972 110	2 839 690	115 389
Farms with—								
1 to 399	7 690	5 557	1 793	340	3 685	2 177	1 342	166
400 to 3,199	147	81	57	9	146	80	57	9
3,200 to 9,999	87	52	34	1	87	52	34	1
10,000 to 19,999	96	62	32	2	96	62	32	2
20,000 to 49,999	63	28	35	–	63	28	35	–
50,000 to 99,999	25	16	8	1	25	16	8	1
100,000 or more	7	4	3	–	7	4	3	–
Hens and pullets of laying age—farms	7 932	5 661	1 924	347	4 026	2 377	1 476	173
number	6 249 250	3 629 345	2 501 812	118 093	6 141 951	3 539 226	2 487 854	114 871
Pullets 3 months old or older not of laying age—farms	1 471	1 110	277	84	420	238	164	18
number	823 900	469 431	353 062	1 407	785 238	432 884	351 836	518

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	1 509	1 030	394	85	1 054	612	366	76
number	6 625 168	3 731 794	2 798 659	94 715	6 607 168	3 715 143	2 797 758	94 267
Broilers and other meat-type chickens sold ____ farms	615	402	157	56	381	190	136	55
number	501 699	346 758	123 270	31 671	487 327	333 843	121 843	31 641
Farms with—								
1 to 1,999	591	387	149	55	357	175	128	54
2,000 to 59,999	21	12	8	1	21	12	8	1
60,000 to 99,999	3	3	–	–	3	3	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ____ farms	253	185	59	9	111	62	41	8
number	40 332	29 914	10 399	19	39 772	29 434	10 320	18
Turkeys sold ____ farms	513	449	55	9	113	60	47	6
number	1 112 357	452 382	645 747	14 228	1 109 256	449 382	645 696	14 178
CROPS HARVESTED								
Corn for all purposes ____ farms	37 769	19 190	15 810	2 769	31 621	14 163	15 021	2 437
acres	2 814 831	691 896	1 929 999	192 936	2 747 020	639 303	1 919 797	187 920
For grain or seed ____ farms	35 396	17 832	14 930	2 634	29 873	13 335	14 229	2 309
acres	2 384 673	598 278	1 614 112	172 283	2 325 383	552 837	1 605 058	167 488
bushels	188 087 193	45 947 374	129 101 688	13 038 131	185 039 920	43 551 689	128 674 831	12 813 400
Irrigated ____ farms	802	247	516	39	780	227	514	39
acres	99 377	21 072	73 518	4 787	99 189	20 909	73 493	4 787
Farms by acres harvested:								
1 to 24 acres	14 644	10 443	3 259	942	9 509	6 202	2 635	672
25 to 99 acres	14 055	6 289	6 539	1 227	13 667	6 033	6 462	1 172
100 to 499 acres	6 252	1 074	4 736	442	6 252	1 074	4 736	442
500 acres or more	445	26	396	23	445	26	396	23
Wheat for grain ____ farms	14 380	7 090	6 324	966	13 160	6 125	6 129	906
acres	382 083	136 692	221 255	24 136	369 809	127 007	219 252	23 550
bushels	15 042 125	5 170 456	8 927 266	944 403	14 718 224	4 905 844	8 884 069	928 311
Irrigated ____ farms	24	8	14	2	23	7	14	2
acres	1 191	(D)	937	(D)	1 186	(D)	937	(D)
Farms by acres harvested:								
1 to 24 acres	9 494	5 508	3 313	673	8 328	4 585	3 128	615
25 to 99 acres	4 369	1 497	2 607	265	4 315	1 455	2 597	263
100 to 499 acres	511	82	402	27	511	82	402	27
500 acres or more	6	3	2	1	6	3	2	1
Oats for grain ____ farms	18 572	9 073	8 360	1 139	15 937	6 972	7 913	1 052
acres	408 109	149 213	235 100	23 796	379 653	126 623	230 324	22 706
bushels	23 366 826	8 058 403	13 927 192	1 381 231	22 260 927	7 192 857	13 734 124	1 333 946
Irrigated ____ farms	27	11	16	–	25	9	16	–
acres	643	307	336	–	629	293	336	–
Barley for grain ____ farms	753	271	439	43	700	237	423	40
acres	19 314	5 301	12 926	1 087	18 968	5 117	12 795	1 056
bushels	920 822	239 806	625 491	55 525	910 860	234 324	621 566	54 970
Irrigated ____ farms	1	–	1	–	1	–	1	–
acres	(D)	–	(D)	–	(D)	–	(D)	–
Soybeans for beans ____ farms	14 503	6 857	6 152	1 494	13 003	5 786	5 903	1 314
acres	898 052	248 427	560 870	88 755	877 529	234 471	557 132	85 926
bushels	21 354 896	5 821 670	13 525 880	2 007 346	21 044 961	5 605 486	13 473 214	1 966 261
Irrigated ____ farms	201	66	122	13	197	62	122	13
acres	11 307	2 384	8 252	671	11 270	2 347	8 252	671
Farms by acres harvested:								
1 to 24 acres	5 192	3 360	1 319	513	3 891	2 420	1 103	368
25 to 99 acres	6 760	3 121	2 916	723	6 561	2 990	2 883	688
100 to 499 acres	2 448	370	1 827	251	2 448	370	1 827	251
500 acres or more	103	6	90	7	103	6	90	7
Dry field and seed beans ____ farms	5 454	2 086	2 804	564	5 263	1 949	2 778	536
acres	454 559	99 181	319 550	35 828	451 502	97 061	319 139	35 302
100-lb bags	5 309 788	1 151 090	3 753 692	405 006	5 285 973	1 134 466	3 750 723	400 784
Irrigated ____ farms	67	13	49	5	67	13	49	5
acres	7 723	981	6 082	660	7 723	981	6 082	660
Irish potatoes ____ farms	846	446	354	46	662	276	345	41
acres	43 805	11 633	29 350	2 822	43 631	11 474	29 342	2 814
hundredweight	10 002 744	2 709 812	6 629 421	663 511	9 981 827	2 691 055	6 628 451	662 321
Irrigated ____ farms	214	67	127	20	207	61	126	20
acres	21 402	5 699	14 017	1 686	21 394	5 693	14 015	1 686
Farms by acres harvested:								
0.1 to 0.9 acres	232	186	44	2	108	68	38	2
1.0 to 4.9 acres	197	126	59	12	142	79	56	7
5.0 to 24.9 acres	105	48	49	8	100	43	49	8
25.0 to 99.9 acres	166	51	101	14	166	51	101	14
100.0 acres or more	146	35	101	10	146	35	101	10
Sugar beets for sugar ____ farms	1 597	396	1 031	170	1 595	395	1 031	169
acres	91 589	14 074	70 849	6 666	91 579	14 069	70 849	6 661
tons	1 712 060	267 748	1 316 384	127 928	1 711 893	267 663	1 316 384	127 846
Irrigated ____ farms	19	5	12	2	19	5	12	2
acres	796	(D)	541	(D)	796	(D)	541	(D)
Hay crops (see text) ____ farms	36 123	21 926	12 719	1 478	25 649	13 069	11 346	1 234
acres	1 630 163	651 018	907 496	71 649	1 436 883	494 382	875 468	67 033
tons, dry	3 722 636	1 336 181	2 212 615	173 840	3 451 667	1 114 507	2 169 646	167 514
Irrigated ____ farms	217	62	152	3	199	47	149	3
acres	9 788	1 796	7 885	107	9 547	1 585	7 855	107
Farms by acres harvested:								
1 to 24 acres	17 562	13 060	3 829	673	9 634	6 171	2 979	484
25 to 99 acres	14 326	7 936	5 758	632	11 828	5 992	5 257	579
100 to 499 acres	4 176	925	3 083	168	4 128	901	3 061	166
500 acres or more	59	5	49	5	59	5	49	5

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.								
Hay crops—Con.								
Alfalfa hay—farms	30 424	18 195	10 951	1 278	22 251	11 135	10 026	1 090
acres	1 135 548	474 127	607 172	54 249	999 312	359 836	588 237	51 239
tons, dry	2 896 516	1 060 852	1 692 752	142 912	2 687 629	885 890	1 663 305	138 434
Irrigated—farms	182	55	124	3	167	42	122	3
acres	6 636	1 195	5 334	107	6 468	1 055	5 306	107
All vegetables harvested for sale (see text)—farms	4 160	2 676	1 267	217	3 322	1 911	1 214	197
acres	122 211	44 553	66 060	11 598	120 310	42 842	65 932	11 537
Irrigated—farms	848	440	345	63	784	387	338	59
acres	35 597	11 592	17 931	6 074	35 488	11 495	17 923	6 070
Farms by acres harvested:								
0.1 to 4.9 acres	1 616	1 283	278	55	850	579	231	40
5.0 to 24.9 acres	1 427	937	409	81	1 355	876	403	76
25.0 to 99.9 acres	847	401	382	64	847	401	382	64
100.0 acres or more	270	55	198	17	270	55	198	17
Land in orchards—farms	5 291	4 161	1 010	120	3 585	2 545	937	103
acres	170 493	105 170	60 733	4 590	162 439	97 612	60 347	4 480
Irrigated—farms	522	363	147	12	458	303	146	9
acres	14 610	8 752	5 785	73	14 312	8 469	5 785	59
Farms by acres in orchards:								
0.1 to 4.9 acres	1 779	1 565	195	19	642	482	147	13
5.0 to 24.9 acres	1 892	1 549	277	66	1 355	1 046	254	55
25.0 to 99.9 acres	1 189	813	350	26	1 159	785	348	26
100.0 acres or more	431	234	188	9	429	232	188	9
Apples—farms	3 275	2 519	695	61	2 112	1 414	643	55
total acres	71 786	42 839	26 681	2 266	67 937	39 182	26 505	2 250
pounds	772 834 906	424 494 036	328 203 755	20 137 115	768 144 713	420 027 502	328 033 209	20 084 002
Cherries—farms	2 452	1 867	537	48	1 896	1 338	512	46
total acres	61 735	39 293	21 107	1 335	59 920	37 598	20 997	1 325
pounds	201 785 909	128 943 989	68 404 304	4 437 616	201 517 076	128 678 979	68 400 483	4 437 614
Grapes (see text)—farms	1 550	1 207	303	40	1 099	797	273	29
total acres	15 524	9 690	5 244	589	14 495	8 768	5 199	528
pounds	118 356 478	69 728 269	44 385 854	4 242 355	115 964 075	67 489 575	44 305 765	4 168 735

[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					Other—cooperative, estate or trust, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
FARMS AND LAND IN FARMS										
Farms	number	68 211	61 399	5 890	787	694	680	93	82	135
	percent	100.0	90.0	8.6	1.1	1.0	0.9	0.1	0.1	0.1
Land in farms	acres	11 426 256	9 180 975	1 813 363	403 992	354 970	338 921	49 022	32 831	27 926
Average size of farm	acres	168	150	308	513	511	498	527	400	207
Value of land and buildings[1]	farms	68 210	61 445	5 816	822	703	691	119	108	127
	$1,000	11 115 789	8 804 479	1 739 308	524 217	455 402	441 167	68 815	48 426	47 785
Average per farm	dollars	162 964	143 290	299 055	637 733	647 798	638 447	578 275	448 388	376 258
Average per acre	dollars	974	957	983	1 254	1 254	1 270	1 252	1 250	1 808
Farms by value of land and buildings:										
$1 to $19,999		4 566	4 300	236	15	13	13	2	2	15
$20,000 to $39,999		9 537	9 081	435	20	19	19	1	1	1
$40,000 to $69,999		15 253	14 312	843	65	58	58	7	7	33
$70,000 to $99,999		9 469	8 893	514	40	27	27	13	12	22
$100,000 to $149,999		8 831	8 041	705	73	58	58	15	15	12
$150,000 to $199,999		5 067	4 496	536	30	20	20	10	10	5
$200,000 to $499,999		11 099	9 285	1 573	214	188	185	26	25	27
$500,000 to $999,999		3 253	2 369	649	233	202	200	31	29	2
$1,000,000 or more		1 135	668	325	132	118	111	14	7	10
Owned and rented land by operator:										
Land owned	farms	63 829	57 855	5 163	701	618	605	83	73	110
	acres	8 261 793	6 821 020	1 154 801	260 873	230 510	217 114	30 363	22 498	25 099
Land rented or leased from others	farms	25 161	21 286	3 471	353	297	288	56	52	51
	acres	3 584 970	2 739 537	693 036	147 470	128 619	125 793	18 851	10 495	4 927
Land rented or leased to others	farms	7 325	6 723	515	65	59	55	6	5	22
	acres	420 507	379 582	34 474	4 351	4 159	3 986	192	162	2 100
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	66 079	59 489	5 699	759	677	663	82	73	132
	acres	8 654 403	6 898 911	1 449 551	288 902	253 262	243 657	35 640	27 423	17 039
Harvested cropland	farms	62 925	56 561	5 586	652	571	558	81	72	126
	acres	6 947 059	5 439 361	1 247 638	247 547	217 925	210 504	29 622	22 917	12 513
Farms by acres harvested:										
1 to 49 acres		30 670	28 973	1 429	191	171	170	20	18	77
50 to 99 acres		12 556	11 418	1 053	63	58	56	5	5	22
100 to 199 acres		9 821	8 713	1 008	88	75	74	13	12	12
200 to 499 acres		7 775	6 174	1 447	143	119	117	24	21	11
500 to 999 acres		1 722	1 106	508	106	92	88	14	13	2
1,000 to 1,999 acres		341	166	127	47	44	41	3	2	1
2,000 acres or more		40	11	14	14	12	12	2	1	1
Cropland:										
Pasture or grazing only	farms	22 886	20 742	1 872	248	224	217	24	22	24
	acres	757 696	659 277	84 076	13 602	10 665	9 345	2 937	1 862	741
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	9 359	8 334	898	109	97	93	12	11	18
	acres	214 951	177 751	28 497	8 334	7 698	7 230	636	620	369
On which all crops failed	farms	3 867	3 510	324	27	23	21	4	4	6
	acres	75 521	65 864	8 297	1 296	979	935	317	317	64
In cultivated summer fallow	farms	7 682	6 904	707	61	53	52	8	8	10
	acres	174 565	147 022	23 805	3 385	3 186	3 086	199	199	353
Idle	farms	18 615	16 715	1 644	207	179	175	28	24	49
	acres	484 611	409 636	57 238	14 738	12 809	12 557	1 929	1 508	2 999
Total woodland	farms	36 313	32 412	3 393	434	389	382	45	36	74
	acres	1 575 759	1 296 865	205 723	66 920	58 045	53 661	8 875	2 263	6 251
Woodland pastured	farms	8 992	8 029	883	70	59	57	11	9	10
	acres	340 189	289 765	40 700	9 147	5 297	3 628	3 850	620	577
Woodland not pastured	farms	30 629	27 242	2 922	395	354	348	41	33	70
	acres	1 235 570	1 007 100	165 023	57 773	52 748	50 033	5 025	1 643	5 674
Pastureland and rangeland other than cropland and woodland pastured	farms	7 345	6 499	758	75	65	64	10	9	13
	acres	323 062	262 351	41 755	18 213	17 442	16 602	771	672	743
Land in house lots, ponds, roads, wasteland, etc.	farms	52 031	47 016	4 301	620	552	540	68	59	94
	acres	873 032	722 848	116 334	29 957	26 221	25 001	3 736	2 473	3 893
Pastureland, all types	farms	30 270	27 384	2 530	317	285	276	32	29	39
	acres	1 420 947	1 211 393	166 531	40 962	33 404	29 575	7 558	3 154	2 061
Irrigated land	farms	3 183	2 417	511	246	226	221	20	16	9
	acres	226 133	131 646	55 524	38 728	35 505	33 424	3 223	2 100	235
Harvested cropland irrigated	farms	3 127	2 368	505	245	225	220	20	16	9
	acres	222 875	129 723	(D)	37 870	34 647	32 691	3 223	2 100	(D)
Pastureland irrigated	farms	40	34	5	1	1	1	–	–	–
	acres	716	486	(D)	(D)	(D)	(D)	–	–	–
Other land irrigated	farms	143	111	23	8	8	7	–	–	1
	acres	2 542	1 437	(D)	(D)	(D)	(D)	–	–	(D)
Land set aside in the federal farm programs in 1978	farms	12 727	11 132	1 453	115	100	98	15	13	27
	acres	245 452	188 248	49 223	7 662	6 599	6 430	1 063	595	319
RACE AND TENURE OF OPERATOR										
All operators	number	68 211	61 399	5 890	787	694	680	93	82	135
Full owners	number	43 151	40 205	2 426	436	398	393	38	31	84
Part owners	number	20 620	17 595	2 734	265	220	212	45	42	26
Tenants	number	4 440	3 599	730	86	76	75	10	9	25
White	number	67 772	60 986	5 867	785	692	678	93	82	134
Full owners	number	42 867	39 935	2 413	436	398	393	38	31	83
Part owners	number	20 486	17 471	2 726	263	218	210	45	42	26
Tenants	number	4 419	3 580	728	86	76	75	10	9	25
Black and other races	number	439	413	23	2	2	2	–	–	1
Full owners	number	284	270	13	–	–	–	–	–	1
Part owners	number	134	124	8	2	2	2	–	–	–
Tenants	number	21	19	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					Other—cooperative, estate or trust, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
FARMS BY TYPE OF ORGANIZATION										
Individual or family	farms	61 399	61 399	–	–	–	–	–	–	–
	acres	9 180 975	9 180 975	–	–	–	–	–	–	–
Partnership	farms	5 890	–	5 890	–	–	–	–	–	–
	acres	1 813 363	–	1 813 363	–	–	–	–	–	–
Corporations:										
Family held	farms	694	–	–	694	694	680	–	–	–
	acres	354 970	–	–	354 970	354 970	338 921	–	–	–
More than 10 stockholders	farms	14	–	–	14	14	–	–	–	–
10 or less stockholders	farms	680	–	–	680	680	680	–	–	–
Other than family held	farms	93	–	–	93	–	–	93	82	–
	acres	49 022	–	–	49 022	–	–	49 022	32 831	–
More than 10 stockholders	farms	11	–	–	11	–	–	11	–	–
10 or less stockholders	farms	82	–	–	82	–	–	82	82	–
Other—cooperative, estate or trust, etc.	farms	135	–	–	–	–	–	–	–	135
	acres	27 926	–	–	–	–	–	–	–	27 926
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		56 135	50 863	4 677	539	484	477	55	52	56
Not on farm operated		6 835	5 557	992	218	184	178	34	27	68
Operators by age group:										
Under 25 years		2 316	1 978	321	10	9	9	1	1	7
25 to 34 years		9 136	8 164	847	95	73	71	22	20	30
35 to 44 years		14 303	13 124	1 009	140	125	121	15	13	30
45 to 54 years		16 734	15 048	1 365	297	273	268	24	20	24
55 to 64 years		15 640	13 872	1 567	172	146	144	26	23	29
65 years and over		10 082	9 213	781	73	68	67	5	5	15
Average age		49.3	49.4	48.9	49.2	49.5	49.6	46.8	46.7	46.3
Operators by sex:										
Male		65 575	59 003	5 680	767	675	661	92	82	125
Female		2 636	2 396	210	20	19	19	1	–	10
Operators of Spanish origin		301	271	28	2	1	1	1	–	–
Operators by principal occupation:										
Farming		30 909	26 649	3 692	518	449	439	69	62	50
Other		37 302	34 750	2 198	269	245	241	24	20	85
Operators reporting days of work off farm:										
None		24 093	20 799	2 737	513	458	452	55	47	44
1 to 99 days		5 523	4 842	599	74	60	59	14	12	8
100 to 199 days		5 396	4 966	384	35	31	31	4	4	11
200 days or more		30 950	28 766	1 987	127	111	107	16	16	70
FARMS BY SIZE										
1 to 9 acres		3 581	3 230	294	51	40	40	11	11	6
10 to 49 acres		16 611	15 810	673	91	83	83	8	6	37
50 to 69 acres		4 933	4 606	295	24	24	24	–	–	8
70 to 99 acres		9 734	9 131	551	31	24	23	7	6	21
100 to 139 acres		7 887	7 238	604	33	29	29	4	4	12
140 to 179 acres		5 614	5 149	407	42	38	36	4	4	16
180 to 219 acres		3 974	3 589	342	37	31	30	6	6	6
220 to 259 acres		3 126	2 765	327	32	28	27	4	4	2
260 to 499 acres		8 388	6 893	1 281	199	183	182	16	14	15
500 to 999 acres		3 509	2 532	826	142	118	116	24	21	9
1,000 to 1,999 acres		743	417	250	75	69	66	6	5	1
2,000 acres or more		111	39	40	30	27	24	3	1	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)										
Cash grain farms (011)		23 849	21 693	1 997	108	96	96	12	12	51
Field crop, except cash grain farms (013)		7 240	6 758	418	50	42	41	8	7	14
Cotton farms (0131)		–	–	–	–	–	–	–	–	–
Tobacco farms (0132)		–	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		7 240	6 758	418	50	42	41	8	7	14
Vegetable and melon farms (016)		2 061	1 845	170	44	42	39	2	2	2
Fruit and tree nut farms (017)		4 339	3 816	403	102	90	87	12	10	18
Horticultural specialty farms (018)		1 353	1 044	144	159	145	143	14	12	6
General farms, primarily crop (019)		3 249	3 038	185	15	14	14	1	1	11
Livestock farms, except dairy, poultry, and animal specialty (021)		15 497	14 268	1 037	168	151	148	17	13	24
Beef cattle farms, except feedlots (0212)		5 433	5 128	276	25	21	19	4	2	4
Dairy farms (024)		7 029	5 687	1 257	79	62	61	17	17	6
Poultry and egg farms (025)		654	568	58	28	22	21	6	6	–
Animal specialty farms (027)		1 889	1 756	107	23	19	19	4	2	3
General farms, primarily livestock (029)		1 051	926	114	11	11	11	–	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD										
Market value of agricultural products sold	farms	68 211	61 399	5 890	787	694	680	93	82	135
	$1,000	1 938 147	1 314 918	418 375	200 868	166 813	152 747	34 055	23 430	3 985
Farms by value of agricultural products sold:										
$500,000 or more		258	67	91	98	88	82	10	5	2
$200,000 to $499,999		1 205	607	431	165	139	137	26	23	2
$100,000 to $199,999		2 839	1 995	719	120	104	102	16	15	5
$40,000 to $99,999		7 805	6 539	1 121	135	112	110	23	22	10
$20,000 to $39,999		7 114	6 373	677	52	48	47	4	4	12
$10,000 to $19,999		8 699	7 849	788	45	42	41	3	2	17
$5,000 to $9,999		9 913	9 169	688	34	30	30	4	4	22
$2,500 to $4,999		9 963	9 347	560	32	26	26	6	6	24
Less than $2,500		20 415	19 453	815	106	105	105	1	1	41

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
VALUE OF PRODUCTS SOLD—Con.										
Market value of agricultural products sold—Con.										
Grain	farms	37 601	33 482	3 739	299	251	247	48	43	81
	$1,000	519 232	407 550	89 312	21 217	19 638	19 366	1 579	1 229	1 153
Sales of $40,000 or more	farms	3 028	2 284	611	129	112	109	17	14	4
	$1,000	257 286	177 082	60 166	19 391	18 068	17 800	1 323	987	648
Commodity Credit Corporation loans	farms	3 406	2 894	446	62	55	55	7	5	4
	$1,000	30 118	22 384	5 991	1 732	1 543	1 543	189	101	11
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	16 422	15 004	1 284	101	89	87	12	12	33
	$1,000	56 617	48 664	6 521	1 312	1 141	1 065	171	171	120
Sales of $40,000 or more	farms	74	45	19	10	9	8	1	1	–
	$1,000	4 638	2 912	1 079	648	(D)	(D)	(D)	(D)	–
Vegetables, sweet corn, and melons	farms	4 155	3 682	375	91	87	82	4	4	7
	$1,000	98 325	49 600	26 143	22 547	22 322	18 558	225	225	35
Sales of $40,000 or more	farms	488	314	117	57	55	52	2	2	–
	$1,000	72 948	27 220	23 557	22 171	(D)	18 231	(D)	(D)	–
Fruits, nuts, and berries	farms	5 300	4 631	526	123	108	104	15	12	20
	$1,000	161 574	102 413	33 203	25 460	22 161	20 883	3 298	1 822	498
Sales of $40,000 or more	farms	1 065	745	224	91	81	77	10	8	5
	$1,000	127 818	72 352	30 024	25 026	21 837	20 559	3 188	1 725	417
Nursery and greenhouse products	farms	1 686	1 321	181	176	162	159	14	12	8
	$1,000	103 763	29 056	16 616	57 900	43 044	41 418	14 856	10 008	190
Sales of $40,000 or more	farms	395	211	68	115	105	103	10	8	1
	$1,000	94 884	22 216	15 387	(D)	42 293	40 669	(D)	9 960	(D)
Other crops	farms	2 257	1 874	315	65	63	63	2	1	3
	$1,000	73 462	43 752	19 675	9 895	(D)	(D)	(D)	(D)	140
Sales of $40,000 or more	farms	477	286	139	50	48	48	2	1	2
	$1,000	51 692	25 100	16 940	(D)	8 853	8 853	(D)	(D)	(D)
Poultry and poultry products	farms	3 858	3 411	296	130	120	119	10	10	21
	$1,000	78 197	42 564	10 841	24 783	21 097	14 497	3 687	3 687	9
Sales of $40,000 or more	farms	306	234	43	29	23	22	6	6	–
	$1,000	73 945	38 823	10 385	24 737	21 079	14 479	3 658	3 658	–
Dairy products	farms	8 399	6 820	1 471	102	79	78	23	23	6
	$1,000	434 999	299 859	123 472	11 192	9 094	9 085	2 097	2 097	476
Sales of $40,000 or more	farms	3 940	2 851	1 004	80	60	60	20	20	5
	$1,000	352 669	226 990	114 550	10 664	8 622	8 622	2 042	2 042	464
Cattle and calves	farms	24 521	21 626	2 659	205	164	160	41	37	31
	$1,000	262 503	175 613	67 652	18 197	14 703	14 267	3 494	2 328	1 041
Sales of $40,000 or more	farms	906	621	225	57	46	43	11	8	3
	$1,000	141 991	76 248	48 043	16 833	13 613	13 185	3 220	2 060	868
Hogs and pigs	farms	9 424	8 347	910	146	134	134	12	11	21
	$1,000	125 896	99 142	21 999	4 516	2 700	2 700	1 816	1 776	239
Sales of $40,000 or more	farms	728	561	137	28	20	20	8	7	2
	$1,000	80 680	59 505	16 699	(D)	2 557	2 557	(D)	(D)	(D)
Sheep, lambs, and wool	farms	2 510	2 229	171	101	100	99	1	–	9
	$1,000	4 819	4 072	669	61	59	56	(D)	–	16
Sales of $40,000 or more	farms	9	6	3	–	–	–	–	–	–
	$1,000	594	373	221	–	–	–	–	–	–
Other livestock and livestock products (see text)	farms	3 987	3 551	297	133	125	125	8	5	6
	$1,000	18 762	12 633	2 272	3 789	1 633	1 633	2 156	43	68
Sales of $40,000 or more	farms	69	44	14	10	8	8	2	–	1
	$1,000	8 761	3 623	1 499	(D)	1 481	1 481	(D)	–	(D)
SELECTED FARM PRODUCTION EXPENSES[1]										
Livestock and poultry purchased	farms	21 314	19 134	1 846	297	252	250	45	40	37
	$1,000	148 807	95 451	38 499	14 254	9 696	8 932	4 558	4 099	602
Farms with expenses of—										
$1 to $4,999		17 478	16 039	1 233	175	157	157	18	18	31
$5,000 to $19,999		2 397	2 050	306	38	27	27	11	10	3
$20,000 to $49,999		892	727	136	29	24	24	5	4	–
$50,000 or more		547	318	171	55	44	42	11	8	3
Feed for livestock and poultry	farms	33 378	30 012	2 940	381	314	310	67	61	45
	$1,000	183 706	126 854	37 212	19 098	15 931	12 198	3 167	2 241	542
Farms with expenses of—										
$1 to $4,999		26 779	24 848	1 698	208	184	181	24	24	25
$5,000 to $19,999		4 879	4 016	790	62	51	51	11	8	11
$20,000 to $49,999		1 171	793	322	53	37	37	16	15	3
$50,000 or more		549	355	130	58	42	41	16	14	6
Commercially mixed formula feeds	farms	17 624	15 428	1 884	301	252	250	49	44	11
	tons	647 388	433 975	121 793	90 933	77 749	57 047	13 184	10 058	687
	$1,000	109 164	72 619	20 882	15 528	13 093	9 367	2 434	1 712	134
Farms by tons purchased:										
1 to 99 tons		16 671	14 768	1 664	230	207	206	23	21	9
100 to 499 tons		776	545	184	45	25	25	20	18	2
500 tons or more		177	115	36	26	20	19	6	5	–
Farms with expenses of—										
$1 to $4,999		13 911	12 643	1 081	185	170	169	15	14	2
$5,000 to $19,999		2 873	2 214	604	48	40	40	8	7	7
$20,000 to $49,999		503	338	133	31	18	18	13	11	1
$50,000 or more		337	233	66	37	24	23	13	12	1

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
SELECTED FARM PRODUCTION EXPENSES[1]—Con.										
Animal health costs	farms	26 970	23 960	2 731	248	182	178	66	60	31
	$1,000	13 693	9 872	2 990	814	647	554	167	110	17
Farms with expenses of										
$1 to $499		20 773	19 173	1 486	90	60	58	30	29	24
$500 to $999		2 680	2 279	357	43	37	37	6	5	1
$1,000 to $2,999		2 684	2 004	616	59	43	42	16	16	5
$3,000 or more		833	504	272	56	42	41	14	10	1
Seeds, bulbs, plants, and trees	farms	49 763	44 372	4 692	626	537	527	89	83	73
	$1,000	81 155	55 603	15 609	9 835	7 535	7 349	2 300	2 161	107
Farms with expenses of—										
$1 to $999		32 444	30 220	2 065	124	105	104	19	19	35
$1,000 to $4,999		14 089	12 023	1 803	229	185	183	44	41	34
$5,000 to $9,999		2 180	1 553	516	108	95	93	13	13	3
$10,000 or more		1 050	576	308	165	152	147	13	10	1
Commercial fertilizer	farms	51 937	46 391	4 840	621	538	526	83	74	85
	$1,000	175 764	131 474	34 520	9 533	8 636	8 247	897	540	237
Farms with expenses of—										
$1 to $2,499		35 365	32 914	2 216	176	154	152	22	20	59
$2,500 to $9,999		12 175	10 376	1 580	198	160	159	38	36	21
$10,000 to $19,999		2 979	2 230	636	111	98	95	13	11	2
$20,000 or more		1 418	871	408	136	126	120	10	7	3
Other agricultural chemicals including lime	farms	47 023	41 572	4 732	627	529	518	98	89	92
	$1,000	68 498	48 307	14 151	5 949	5 410	5 108	539	392	91
Farms with expenses of—										
$1 to $2,499		40 358	36 658	3 348	267	206	205	61	61	85
$2,500 to $9,999		5 498	4 272	1 041	180	160	158	20	16	5
$10,000 to $19,999		846	510	231	103	93	89	10	9	2
$20,000 or more		321	132	112	77	70	66	7	3	–
Energy and petroleum products	farms	67 874	61 127	5 798	822	703	691	119	108	127
	$1,000	131 123	95 386	24 135	11 327	9 274	8 679	2 053	1 085	274
Farms with expenses of—										
$1 to $2,499		54 841	51 022	3 426	289	242	241	47	47	104
$2,500 to $9,999		11 025	8 993	1 740	278	238	235	40	38	14
$10,000 to $19,999		1 523	910	490	120	103	102	17	15	3
$20,000 or more		485	202	142	135	120	113	15	8	6
Petroleum products	farms	67 839	61 092	5 798	822	703	691	119	108	127
	$1,000	100 071	73 368	18 111	8 358	6 968	6 543	1 390	803	234
Gasoline	farms	63 943	57 557	5 512	767	674	662	93	82	107
	$1,000	48 196	37 940	7 676	2 514	2 171	2 069	343	273	65
Diesel fuel	farms	30 909	26 700	3 617	526	446	437	80	74	66
	$1,000	29 217	21 403	5 854	1 914	1 701	1 618	213	169	46
LP gas, butane, and propane	farms	6 997	5 639	1 117	228	191	187	37	31	13
	$1,000	7 403	4 865	1 696	754	678	629	76	50	88
Fuel oil	farms	5 794	4 837	728	220	185	178	35	30	9
	$1,000	3 753	1 924	(D)	1 008	503	477	505	127	(D)
Natural gas	farms	1 502	1 152	217	131	102	99	29	27	2
	$1,000	4 560	1 715	(D)	1 835	1 645	1 489	189	153	(D)
Kerosene, motor oil, and grease	farms	67 838	61 091	5 798	822	703	691	119	108	127
	$1,000	6 941	5 521	1 074	334	270	261	64	30	13
Electricity	farms	45 899	40 744	4 377	694	590	579	104	93	84
	$1,000	30 339	21 385	5 960	2 964	2 300	2 131	(D)	(D)	31
Other—coal, wood, coke, etc.	farms	2 137	1 919	200	9	8	8	1	1	9
	$1,000	713	634	(D)	5	5	5	(D)	(D)	9
Hired farm labor	farms	22 907	19 624	2 709	550	474	462	76	66	24
	$1,000	136 398	73 074	28 276	34 777	28 121	25 377	6 656	3 449	271
Farms with expenses of—										
$1 to $4,999		17 936	16 068	1 708	142	116	116	26	25	18
$5,000 to $19,999		3 533	2 787	620	125	101	99	24	24	1
$20,000 to $49,999		1 010	622	278	107	100	98	7	6	3
$50,000 or more		428	147	103	176	157	149	19	11	2
Workers by number of days worked:										
150 days or more	farms	6 985	5 318	1 201	453	405	393	48	39	13
	workers	18 346	10 676	3 507	4 129	3 353	3 008	776	364	34
Less than 150 days	farms	20 142	17 381	2 310	436	371	362	65	57	15
	workers	124 535	93 000	19 758	11 574	9 598	9 173	1 976	1 471	203
Contract labor	farms	3 304	2 818	381	100	89	87	11	9	5
	$1,000	12 430	7 285	2 659	2 479	1 462	1 421	1 017	1 008	7
Farms with expenses of—										
$1 to $2,499		2 445	2 200	201	40	36	36	4	3	4
$2,500 to $9,999		615	483	99	32	29	28	3	2	1
$10,000 to $19,999		139	84	47	8	7	7	1	1	–
$20,000 or more		105	51	34	20	17	16	3	3	–
Customwork, machine hire, and rental of machinery and equipment	farms	27 238	24 364	2 538	286	250	248	36	32	50
	$1,000	27 150	21 260	4 495	1 332	1 211	1 202	122	106	63
Farms with expenses of—										
$1 to $2,499		24 702	22 425	2 052	182	158	158	24	22	43
$2,500 to $9,999		2 317	1 831	412	68	57	55	11	9	6
$10,000 to $19,999		182	95	62	24	24	24	–	–	1
$20,000 or more		37	13	12	12	11	11	1	1	-
FARM-RELATED INCOME										
Income from machine work, customwork, and other agricultural services	farms	6 013	5 046	869	87	76	74	11	11	11
	$1,000	12 499	9 444	2 506	515	472	457	43	43	33
Value of agricultural products sold directly to individuals for human consumption	farms	6 785	6 132	563	73	64	62	9	6	17
	$1,000	22 404	16 164	4 873	1 355	1 268	1 231	87	74	12

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ---farms--	68 110	61 361	5 800	822	703	691	119	108	127
$1,000--	2 070 588	1 660 470	327 293	79 526	67 955	65 092	11 570	9 850	3 299
Farms by value group:									
$1 to $4,999	8 703	8 240	452	3	3	3	–	–	8
$5,000 to $9,999	18 558	17 492	863	140	138	138	2	2	63
$10,000 to $19,999	13 290	12 321	885	64	55	54	9	7	20
$20,000 to $49,999	14 500	12 924	1 434	123	98	98	25	24	19
$50,000 to $99,999	8 237	6 925	1 094	211	159	156	52	48	7
$100,000 to $199,999	3 717	2 812	735	161	146	143	15	15	9
$200,000 to $499,999	1 053	631	315	106	92	89	14	10	1
$500,000 or more	52	16	22	14	12	10	2	2	–
SELECTED MACHINERY AND EQUIPMENT[1]									
Automobiles ---farms--	46 441	41 744	4 115	496	412	408	84	82	86
number--	64 994	56 627	7 356	899	761	752	138	136	112
Motortrucks, including pickups ---farms--	55 328	49 420	5 035	764	672	660	92	82	109
number--	83 335	70 092	10 416	2 658	2 371	2 289	287	241	169
Wheel tractors ---farms--	62 695	56 303	5 512	778	681	669	97	88	102
number--	157 557	134 697	19 215	3 387	2 941	2 863	446	394	258
2 or 3 ---farms--	32 152	29 401	2 416	259	223	220	36	34	76
number--	76 764	69 908	6 009	661	574	566	87	83	186
4 or more ---farms--	12 746	10 094	2 279	363	309	302	54	48	10
number--	62 996	47 981	12 389	2 570	2 218	2 150	352	305	56
Grain and bean combines, self-propelled only ---farms--	18 344	15 689	2 381	246	205	202	41	39	28
number--	19 470	16 569	2 591	281	237	234	44	40	29
Cornpickers, corn heads, and picker-shellers ---farms--	26 865	23 533	3 035	264	200	195	64	61	33
number--	31 684	27 502	3 770	373	296	289	77	73	39
Corn heads for combines ---farms--	10 598	8 763	1 645	185	154	151	31	29	5
number--	11 330	9 318	1 800	207	175	172	32	29	5
Other cornpickers and picker-shellers ---farms--	19 454	17 415	1 883	127	82	79	45	44	29
number--	20 354	18 184	1 970	166	121	117	45	44	34
Cottonpickers ---farms--	–	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–	–
Mower conditioners ---farms--	20 680	18 028	2 388	230	168	163	62	60	34
number--	22 055	19 154	2 610	257	190	185	67	65	34
Pickup balers ---farms--	25 181	22 320	2 620	216	154	150	62	61	25
number--	26 027	22 966	2 795	231	168	163	63	62	35
Field forage harvesters, shear bar or flywheel type ---farms--	11 167	9 265	1 704	176	125	122	51	49	22
number--	12 974	10 655	2 064	227	150	146	77	74	28
AGRICULTURAL CHEMICALS[1]									
Agricultural chemicals, including commercial fertilizer and lime ---farms--	55 739	49 805	5 172	670	569	557	101	91	92
$1,000--	244 262	179 780	48 672	15 483	14 047	13 355	1 436	932	328
Commercial fertilizer ---farms--	50 808	45 373	4 755	601	518	506	83	74	79
acres on which used--	5 740 804	4 421 796	1 065 510	243 900	215 956	208 616	27 944	20 651	9 598
Lime ---farms--	8 139	7 000	1 016	114	89	86	25	21	9
acres on which used--	260 788	193 025	52 898	14 813	13 273	13 157	1 540	1 012	52
tons--	548 842	403 568	113 757	31 394	27 776	27 623	3 618	1 853	123
Sprays, dusts, granules, fumigants, etc. to control—									
Insects on hay and other crops ---farms--	17 785	15 344	2 037	367	307	297	60	57	37
acres on which used--	1 550 296	1 151 475	298 311	97 847	90 338	85 965	7 509	7 067	2 663
Nematodes in crops ---farms--	2 612	2 122	387	87	76	74	11	8	16
acres on which used--	226 963	155 794	49 327	21 430	19 218	18 910	2 212	495	412
Diseases in crops and orchards ---farms--	7 647	6 550	856	216	196	192	20	15	25
acres on which used--	419 155	271 427	89 163	58 381	53 626	52 123	4 755	3 003	184
Weeds, grass, or brush in crops and pasture ---farms--	33 791	29 823	3 488	402	350	341	52	47	78
acres on which used--	3 704 356	2 836 097	692 348	168 575	151 522	146 272	17 053	12 474	7 336
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit ---farms--	2 102	1 694	321	71	65	64	6	4	16
acres on which used--	94 111	62 660	17 961	13 389	11 943	11 803	1 446	472	101
Insect control on livestock and poultry ---farms--	12 144	10 640	1 341	141	96	94	45	40	22
Sanitation and rodent and bird control ---farms--	8 544	7 376	1 010	134	108	107	26	21	24
LIVESTOCK									
Cattle and calves inventory ---farms--	28 393	25 296	2 761	296	256	252	40	36	40
number--	1 272 703	929 320	293 729	46 855	38 900	37 548	7 955	4 962	2 799
Farms with—									
1 to 9	9 529	9 024	382	107	104	104	3	3	16
10 to 49	11 439	10 535	852	39	32	31	7	6	13
50 to 99	4 071	3 507	524	36	29	29	7	7	4
100 to 199	2 345	1 683	611	48	37	36	11	11	3
200 to 499	882	496	335	48	38	37	10	8	3
500 or more	127	51	57	18	16	15	2	1	1
Cows and heifers that had calved ---farms--	21 225	18 734	2 219	253	223	220	30	27	19
number--	530 983	398 768	116 897	14 852	11 881	11 357	2 971	1 986	466
Beef cows ---farms--	11 822	10 832	821	160	148	146	12	9	9
number--	145 627	124 533	15 467	5 537	4 253	3 753	1 284	299	90
Farms with—									
1 to 9	7 456	6 977	373	102	101	101	1	1	4
10 to 49	3 936	3 514	381	36	30	30	6	5	5
50 to 99	300	242	50	8	6	6	2	2	–
100 to 199	97	79	11	7	5	5	2	1	–
200 to 499	28	17	6	5	5	3	–	–	–
500 or more	5	3	–	2	1	1	1	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows—farms	11 113	9 402	1 596	104	82	81	22	22	11
number	385 356	274 235	101 430	9 315	7 628	7 604	1 687	1 687	376
Farms with—									
1 to 4	2 950	2 787	154	5	5	5	–	–	4
5 to 9	492	449	42	–	–	–	–	–	1
10 to 49	4 836	4 264	540	29	22	21	7	7	3
50 to 99	2 098	1 516	545	35	28	28	7	7	2
100 to 199	660	357	274	28	21	21	7	7	1
200 to 499	73	29	38	6	5	5	1	1	–
500 or more	4	–	3	1	1	1	–	–	–
Heifers and heifer calves—farms	20 737	18 314	2 246	151	124	121	27	25	26
number	386 875	280 958	93 721	11 059	8 783	8 473	2 276	1 254	1 137
Steers, steer calves, bulls, and bull calves—farms	22 667	20 188	2 279	166	133	129	33	29	34
number	354 845	249 594	83 111	20 944	18 236	17 718	2 708	1 722	1 196
Cattle and calves sold—farms	24 521	21 626	2 659	205	164	160	41	37	31
number	683 971	485 276	160 296	36 398	29 524	28 840	6 874	4 657	2 001
$1,000	262 503	175 613	67 652	18 197	14 703	14 267	3 494	2 328	1 041
Calves—farms	12 222	10 549	1 564	99	77	76	22	21	10
number	191 015	150 569	36 773	3 450	2 962	2 942	488	479	223
$1,000	25 758	21 284	3 999	442	392	386	51	48	32
Cattle—farms	21 492	18 881	2 393	189	151	147	38	34	29
number	492 956	334 707	123 523	32 948	26 562	25 898	6 386	4 178	1 778
$1,000	236 744	154 328	63 653	17 755	14 311	13 881	3 443	2 280	1 009
Fattened on grain and concentrates—farms	9 233	8 194	940	80	66	64	14	12	19
number	290 196	178 328	84 007	26 875	21 628	21 426	5 247	3 158	986
$1,000	149 108	88 031	45 801	14 700	11 886	11 764	2 814	1 734	577
Hogs and pigs inventory—farms	10 900	9 812	921	148	135	135	13	12	19
number	956 760	771 220	159 996	23 353	17 933	17 933	5 420	5 190	2 191
Farms with—									
1 to 9	4 241	3 960	178	98	96	96	2	2	5
10 to 49	3 431	3 095	313	14	12	12	2	2	9
50 to 99	1 199	1 062	131	5	3	3	2	2	1
100 to 199	872	758	110	3	3	3	–	–	1
200 to 499	739	626	100	12	9	9	3	2	1
500 or more	418	311	89	16	12	12	4	4	2
Used or to be used for breeding—farms	6 840	6 201	593	33	24	24	9	8	13
number	162 815	133 694	24 765	4 045	2 405	2 405	1 640	1 567	311
Other—farms	10 020	8 993	865	145	134	134	11	10	17
number	793 945	637 526	135 231	19 308	15 528	15 528	3 780	3 623	1 880
Hogs and pigs sold—farms	9 424	8 347	910	146	134	134	12	11	21
number	1 415 153	1 130 328	232 893	49 180	29 640	29 640	19 540	19 158	2 752
$1,000	125 896	99 142	21 999	4 516	2 700	2 700	1 816	1 776	239
Feeder pigs sold—farms	2 913	2 682	214	8	5	5	3	3	9
number	321 584	276 586	34 995	9 151	4 836	4 836	4 315	4 315	852
$1,000	13 964	11 928	1 627	375	198	198	177	177	33
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30—farms	7 356	6 662	646	34	25	25	9	8	14
number	176 650	144 071	27 631	4 612	3 056	3 056	1 556	1 521	336
Dec. 1 and May 31—farms	5 832	5 262	530	29	21	21	8	7	11
number	83 743	68 378	13 040	2 173	1 420	1 420	753	748	152
June 1 and Nov. 30—farms	5 981	5 368	569	34	25	25	9	8	10
number	92 907	75 693	14 591	2 439	1 636	1 636	803	773	184
Sheep and lambs of all ages inventory—farms	2 614	2 324	179	101	100	99	1	–	10
number	112 493	97 649	13 242	1 213	(D)	(D)	(D)	–	389
Ewes 1 year old or older—farms	2 324	2 137	166	12	11	10	1	–	9
number	66 761	58 756	7 196	679	(D)	(D)	(D)	–	130
Sheep and lambs sold—farms	2 256	2 065	170	12	11	10	1	–	9
number	77 616	65 844	10 416	1 017	(D)	(D)	(D)	–	339
Sheep and lambs shorn—farms	2 323	2 058	158	100	99	98	1	–	7
number	95 313	82 294	11 826	1 063	(D)	(D)	(D)	–	130
pounds of wool	721 877	616 909	94 875	8 812	(D)	(D)	(D)	–	1 281
Horses and ponies inventory—farms	12 160	11 350	731	67	58	57	9	6	12
number	53 948	48 457	4 371	963	922	920	41	20	157
Horses and ponies sold—farms	2 637	2 466	147	23	20	20	3	2	1
number	7 572	6 787	513	(D)	201	201	(D)	(D)	(D)
$1,000	8 948	7 776	581	(D)	542	542	(D)	(D)	(D)
Goats inventory—farms	939	780	65	93	91	91	2	1	1
number	5 134	3 854	480	(D)	631	631	(D)	(D)	(D)
Goats sold—farms	325	185	51	88	88	88	–	–	1
number	1 396	1 120	(D)	88	88	88	–	–	(D)
$1,000	41	34	(D)	2	2	2	–	–	(D)
POULTRY									
Chickens 3 months old or older inventory—farms	8 115	7 468	507	133	125	125	8	8	7
number	7 073 150	4 941 342	1 111 043	1 020 156	876 134	876 134	144 022	144 022	609
Farms with—									
1 to 399	7 690	7 117	454	112	108	108	4	4	7
400 to 3,199	147	135	11	1	1	1	–	–	–
3,200 to 9,999	87	68	17	2	1	1	1	1	–
10,000 to 19,999	96	85	6	5	5	5	–	–	–
20,000 to 49,999	63	47	12	4	2	2	2	2	–
50,000 to 99,999	25	12	7	6	5	5	1	1	–
100,000 or more	7	4	–	3	3	3	–	–	–
Hens and pullets of laying age—farms	7 932	7 295	498	132	124	124	8	8	7
number	6 249 250	4 363 866	1 030 086	854 784	(D)	(D)	(D)	(D)	514
Pullets 3 months old or older not of laying age—farms	1 471	1 313	51	104	102	102	2	2	3
number	823 900	577 476	80 957	165 372	(D)	(D)	(D)	(D)	95

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

				Corporation					
					Family held		Other than family held		Other—cooperative, estate or trust, etc.
	Total	Individual or family	Partnership	Total	Total	10 or less stockholders	Total	10 or less stockholders	
POULTRY—Con.									
Chickens 3 months old or older sold—farms	1 509	1 321	158	28	22	22	6	6	2
number	6 625 168	4 910 620	(D)	982 024	785 119	785 119	196 905	196 905	(D)
Broilers and other meat-type chickens sold—farms	615	524	75	1	1	1	–	–	15
number	501 699	460 130	39 798	(D)	(D)	(D)	–	–	(D)
Farms with—									
1 to 1,999	591	504	71	1	1	1	–	–	15
2,000 to 59,999	21	17	4	–	–	–	–	–	–
60,000 to 99,999	3	3	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	253	235	14	3	3	3	–	–	1
number	40 332	19 464	(D)	12 506	12 506	12 506	–	–	(D)
Turkeys sold—farms	513	490	14	7	7	6	–	–	2
number	1 112 357	127 210	(D)	926 408	926 408	382 908	–	–	(D)
CROPS HARVESTED									
Corn for all purposes—farms	37 769	33 449	3 930	314	264	258	50	45	76
acres	2 814 831	2 131 704	576 367	99 562	87 735	85 681	11 827	8 952	7 198
For grain or seed—farms	35 396	31 295	3 735	292	242	238	50	45	74
acres	2 384 673	1 839 300	458 843	80 062	70 353	69 081	9 709	7 484	6 468
bushels	188 087 193	142 484 976	38 188 142	6 863 822	6 109 723	5 999 428	754 099	589 568	550 253
Irrigated—farms	802	600	167	34	29	29	5	4	1
acres	99 377	64 844	24 809	9 698	8 858	8 858	840	540	(D)
Farms by acres harvested:									
1 to 24 acres	14 644	13 750	827	34	27	26	7	7	33
25 to 99 acres	14 055	12 455	1 503	70	58	58	12	11	27
100 to 499 acres	6 252	4 836	1 258	146	119	117	27	25	12
500 acres or more	445	254	147	42	38	37	4	2	2
Wheat for grain—farms	14 380	12 664	1 564	129	107	105	22	20	23
acres	382 083	313 578	58 836	8 790	7 471	7 378	1 319	802	879
bushels	15 042 125	12 239 913	2 391 503	375 271	320 038	316 455	55 233	36 563	35 438
Irrigated—farms	24	16	7	1	1	1	–	–	–
acres	1 191	605	(D)	(D)	(D)	(D)	–	–	–
Farms by acres harvested:									
1 to 24 acres	9 494	8 631	796	51	40	40	11	11	16
25 to 99 acres	4 369	3 661	653	50	43	41	7	7	5
100 to 499 acres	511	369	113	27	23	23	4	2	2
500 acres or more	6	3	2	1	1	1	–	–	–
Oats for grain—farms	18 572	16 343	2 067	134	105	104	29	27	28
acres	408 109	339 388	62 496	5 533	4 030	3 990	1 503	1 233	692
bushels	23 366 826	19 221 313	3 726 528	374 658	280 098	277 098	94 560	78 660	44 327
Irrigated—farms	27	24	3	–	–	–	–	–	–
acres	643	549	94	–	–	–	–	–	–
Barley for grain—farms	753	635	99	17	14	14	3	3	2
acres	19 314	14 832	(D)	898	678	678	220	220	(D)
bushels	920 822	692 570	(D)	44 595	37 095	37 095	7 500	7 500	(D)
Irrigated—farms	1	1	–	–	–	–	–	–	–
acres	(D)	(D)	–	–	–	–	–	–	–
Soybeans for beans—farms	14 503	12 829	1 541	115	102	100	13	13	18
acres	898 052	744 540	132 047	20 952	19 158	18 653	1 794	1 794	513
bushels	21 354 896	17 496 308	3 287 481	561 219	522 203	511 273	39 016	39 016	9 888
Irrigated—farms	201	160	34	7	7	7	–	–	–
acres	11 307	7 441	3 051	815	815	815	–	–	–
Farms by acres harvested:									
1 to 24 acres	5 192	4 723	439	21	16	16	5	5	9
25 to 99 acres	6 760	6 023	684	44	42	42	2	2	9
100 to 499 acres	2 448	2 023	387	38	32	30	6	6	–
500 acres or more	103	60	31	12	12	12	–	–	–
Dry field and seed beans—farms	5 454	4 820	578	55	52	51	3	3	1
acres	454 559	365 554	(D)	16 415	15 428	15 393	987	987	(D)
100-lb bags	5 309 788	4 243 427	(D)	195 696	189 271	189 043	6 425	6 425	(D)
Irrigated—farms	67	47	15	5	5	5	–	–	–
acres	7 723	4 899	2 112	712	712	712	–	–	–
Irish potatoes—farms	846	721	102	23	22	22	1	–	–
acres	43 805	23 566	12 344	7 895	(D)	(D)	(D)	–	–
hundredweight	10 002 744	5 024 600	2 975 317	2 002 827	(D)	(D)	(D)	–	–
Irrigated—farms	214	151	44	19	18	18	1	–	–
acres	21 402	9 792	6 616	4 994	4 320	4 320	(D)	–	–
Farms by acres harvested:									
0.1 to 0.9 acres	232	224	8	–	–	–	–	–	–
1.0 to 4.9 acres	197	182	14	1	1	1	–	–	–
5.0 to 24.9 acres	105	93	12	–	–	–	–	–	–
25.0 to 99.9 acres	166	139	22	5	5	5	–	–	–
100.0 acres or more	146	83	46	17	16	16	1	–	–
Sugar beets for sugar—farms	1 597	1 338	215	41	40	40	1	1	3
acres	91 589	63 102	21 093	7 067	(D)	(D)	(D)	(D)	327
tons	1 712 060	1 174 030	394 184	137 671	(D)	(D)	(D)	(D)	6 175
Irrigated—farms	19	13	6	–	–	–	–	–	–
acres	796	418	378	–	–	–	–	–	–
Hay crops (see text)—farms	36 123	32 566	3 255	246	201	197	45	42	56
acres	1 630 163	1 321 791	274 463	31 444	25 323	24 403	6 121	4 836	2 465
tons, dry	3 722 636	2 939 902	690 972	86 514	69 493	66 522	17 021	12 975	5 248
Irrigated—farms	217	150	57	10	10	10	–	–	–
acres	9 788	5 666	2 946	1 176	1 176	1 176	–	–	–
Farms by acres harvested:									
1 to 24 acres	17 562	16 581	913	44	36	35	8	8	24
25 to 99 acres	14 326	12 855	1 354	92	74	74	18	17	25
100 to 499 acres	4 176	3 101	962	106	88	85	18	17	7
500 acres or more	59	29	26	4	3	3	1	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
CROPS HARVESTED—Con.									
Hay crops—Con.									
Alfalfa hay—farms	30 424	27 282	2 872	220	178	175	42	39	50
acres	1 135 548	939 046	172 286	22 433	18 381	17 586	4 052	3 067	1 783
tons, dry	2 896 516	2 323 390	498 856	69 954	56 996	54 386	12 958	9 746	4 316
Irrigated—farms	182	132	41	9	9	9	–	–	–
acres	6 636	3 967	1 593	1 076	1 076	1 076	–	–	–
All vegetables harvested for sale (see text)—farms	4 160	3 687	375	91	87	82	4	4	7
acres	122 211	76 567	24 401	21 192	20 895	18 530	297	297	50
Irrigated—farms	848	674	126	48	47	45	1	1	–
acres	35 597	14 767	8 586	12 245	(D)	(D)	(D)	(D)	–
Farms by acres harvested:									
0.1 to 4.9 acres	1 616	1 535	70	7	7	6	–	–	4
5.0 to 24.9 acres	1 427	1 293	116	16	15	15	1	1	2
25.0 to 99.9 acres	847	703	118	25	23	22	2	2	1
100.0 acres or more	270	156	71	43	42	39	1	1	–
Land in orchards—farms	5 291	4 686	488	99	89	85	10	7	18
acres	170 493	111 957	34 933	23 193	21 026	19 726	2 167	1 097	411
Irrigated—farms	522	401	82	35	31	31	4	3	4
acres	14 610	8 644	3 101	2 789	2 562	2 562	227	92	77
Farms by acres in orchards:									
0.1 to 4.9 acres	1 779	1 708	63	4	4	4	–	–	4
5.0 to 24.9 acres	1 892	1 723	147	14	12	12	2	1	8
25.0 to 99.9 acres	1 189	1 007	159	18	17	15	1	1	5
100.0 acres or more	431	248	119	63	56	54	7	5	1
Apples—farms	3 275	2 844	340	77	70	68	7	5	14
total acres	71 786	43 993	15 901	11 595	10 629	9 979	967	603	297
pounds	772 834 906	429 739 662	195 345 642	145 830 272	131 450 488	122 350 488	14 379 784	9 144 652	1 919 330
Cherries—farms	2 452	2 101	271	74	67	64	7	6	6
total acres	61 735	40 428	13 148	8 133	7 491	6 931	642	382	26
pounds	201 785 909	132 136 428	43 325 593	26 272 997	24 186 997	22 653 997	2 086 000	986 000	50 891
Grapes (see text)—farms	1 550	1 411	118	17	15	14	2	1	4
total acres	15 524	12 884	1 352	1 269	(D)	(D)	(D)	(D)	19
pounds	118 356 478	97 745 745	9 190 243	11 265 440	(D)	(D)	(D)	(D)	155 050

[1] 1978 data are based on a sample of forms; 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					
			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									
Farms	number	68 211	30 909	1 105	3 389	4 448	6 300	8 234	7 433
	percent	100.0	45.3	1.6	4.9	6.5	9.2	12.0	10.8
Land in farms	acres	11 426 256	7 869 314	192 520	1 005 474	1 524 694	2 157 416	2 035 888	953 322
Average size of farm	acres	168	255	174	297	343	342	247	128
Value of land and buildings[1]	farms	68 210	31 219	1 148	3 420	4 452	6 078	8 320	7 801
	$1,000	11 115 789	7 539 716	204 899	1 023 043	1 536 981	2 057 935	1 894 766	822 092
Average per farm	dollars	162 964	241 510	178 483	299 135	345 233	338 587	227 736	105 382
Average per acre	dollars	974	960	935	1 051	1 034	981	919	811
Farms by value of land and buildings:									
$1 to $19,999		4 566	1 228	17	62	63	124	311	651
$20,000 to $39,999		9 537	3 052	215	215	180	224	574	1 644
$40,000 to $69,999		15 253	4 644	139	306	456	499	1 221	2 023
$70,000 to $99,999		9 469	3 643	153	291	355	547	1 084	1 213
$100,000 to $149,999		8 831	4 142	183	481	543	818	1 178	939
$150,000 to $199,999		5 067	2 859	102	352	433	653	896	423
$200,000 to $499,999		11 099	7 991	255	1 158	1 535	2 087	2 243	713
$500,000 to $999,999		3 253	2 619	79	405	623	776	590	146
$1,000,000 or more		1 135	1 041	5	150	264	350	223	49
Owned and rented land by operator:									
Land owned	farms	63 829	29 071	586	2 851	4 224	6 090	8 031	7 289
	acres	8 261 793	5 290 823	68 898	490 502	905 542	1 422 297	1 515 603	887 981
Land rented or leased from others	farms	25 161	14 811	934	2 468	2 904	3 657	3 462	1 386
	acres	3 584 970	2 747 877	124 556	525 028	634 771	761 087	564 551	137 884
Land rented or leased to others	farms	7 325	2 821	20	137	219	357	733	1 355
	acres	420 507	169 386	934	10 056	15 619	25 968	44 266	72 543
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	66 079	30 372	1 081	3 291	4 387	6 219	8 127	7 267
	acres	8 654 403	6 211 207	163 764	836 750	1 245 921	1 735 499	1 566 826	662 447
Harvested cropland	farms	62 925	29 796	1 012	3 245	4 312	6 156	7 959	7 112
	acres	6 947 059	5 221 163	140 074	726 843	1 074 310	1 486 914	1 302 536	490 486
Farms by acres harvested:									
1 to 49 acres		30 670	8 440	286	436	653	997	2 063	4 005
50 to 99 acres		12 556	5 992	168	553	675	963	1 832	1 801
100 to 199 acres		9 821	6 711	329	938	1 012	1 553	2 011	868
200 to 499 acres		7 775	6 655	203	1 021	1 468	1 973	1 616	374
500 to 999 acres		1 722	1 635	24	255	411	535	363	47
1,000 to 1,999 acres		341	326	2	37	85	119	66	17
2,000 acres or more		40	37	–	5	8	16	8	–
Cropland:									
Pasture or grazing only	farms	22 886	10 051	224	953	1 592	2 249	2 900	2 133
	acres	757 696	433 821	6 259	43 352	74 877	111 898	121 478	75 957
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	9 359	4 803	108	472	670	1 004	1 326	1 223
	acres	214 951	133 908	2 800	14 592	21 903	35 964	34 556	24 093
On which all crops failed	farms	3 867	1 861	47	215	289	353	460	497
	acres	75 521	43 132	976	6 645	7 714	9 654	10 638	7 505
In cultivated summer fallow	farms	7 682	4 104	74	380	497	848	1 211	1 094
	acres	174 565	106 755	2 288	12 026	15 999	26 466	30 160	19 816
Idle	farms	18 615	8 707	318	970	1 437	1 785	2 271	1 926
	acres	484 611	272 428	11 367	33 292	51 118	64 603	67 458	44 590
Total woodland	farms	36 313	17 549	373	1 694	2 652	3 775	4 980	4 075
	acres	1 575 759	921 934	15 112	94 454	155 126	222 624	261 782	172 836
Woodland pastured	farms	8 992	4 409	74	429	640	1 015	1 283	968
	acres	340 189	212 294	3 104	22 908	33 122	53 377	59 801	39 982
Woodland not pastured	farms	30 629	14 988	332	1 447	2 312	3 206	4 223	3 468
	acres	1 235 570	709 640	12 008	71 546	122 004	169 247	201 981	132 854
Pastureland and rangeland other than cropland and woodland pastured	farms	7 345	3 728	60	359	601	824	1 000	884
	acres	323 062	216 503	3 292	22 968	34 633	63 937	62 370	29 303
Land in house lots, ponds, roads, wasteland, etc.	farms	52 031	23 634	616	2 348	3 351	4 849	6 416	6 054
	acres	873 032	519 670	10 352	51 302	89 014	135 356	144 910	88 736
Pastureland, all types	farms	30 270	13 541	286	1 345	2 124	2 987	3 847	2 952
	acres	1 420 947	862 618	12 655	89 228	142 632	229 212	243 649	145 242
Irrigated land	farms	3 183	2 222	49	299	470	622	542	240
	acres	226 133	202 224	3 863	28 387	54 616	66 367	39 601	9 390
Harvested cropland irrigated	farms	3 127	2 201	48	296	466	616	539	236
	acres	222 875	199 654	3 815	28 067	54 230	65 368	39 132	9 042
Pastureland irrigated	farms	40	18	–	2	4	4	6	2
	acres	716	513	–	(D)	104	36	197	(D)
Other land irrigated	farms	143	91	3	14	21	21	19	13
	acres	2 542	2 057	48	(D)	282	963	272	(D)
Land set aside in the federal farm programs in 1978	farms	12 727	7 688	188	864	1 391	1 815	2 166	1 264
	acres	245 452	188 759	3 875	25 121	42 503	53 674	48 158	15 428
RACE AND TENURE OF OPERATOR									
All operators	number	68 211	30 909	1 105	3 389	4 448	6 300	8 234	7 433
Full owners	number	43 151	16 138	171	926	1 545	2 650	4 783	6 063
Part owners	number	20 620	12 908	415	1 919	2 677	3 434	3 243	1 220
Tenants	number	4 440	1 863	519	544	226	216	208	150
White	number	67 772	30 778	1 100	3 375	4 429	6 277	8 198	7 399
Full owners	number	42 867	16 060	171	922	1 535	2 639	4 760	6 033
Part owners	number	20 486	12 862	413	1 911	2 668	3 422	3 232	1 216
Tenants	number	4 419	1 856	516	542	226	216	206	150
Black and other races	number	439	131	5	14	19	23	36	34
Full owners	number	284	78	–	4	10	11	23	30
Part owners	number	134	46	2	8	9	12	11	4
Tenants	number	21	7	3	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
FARMS AND LAND IN FARMS								
Farms	number	37 302	1 211	5 747	9 855	10 434	7 406	2 649
	percent	54.6	1.7	8.4	14.4	15.2	10.8	3.8
Land in farms	acres	3 556 942	74 141	433 606	960 638	1 074 113	758 616	255 828
Average size of farm	acres	95	61	75	97	103	102	97
Value of land and buildings[1]	farms	36 991	1 170	5 617	9 821	10 372	7 417	2 594
	$1,000	3 576 073	67 475	464 309	1 016 048	1 118 938	707 506	201 797
Average per farm	dollars	96 674	57 671	82 661	103 456	107 880	95 389	77 793
Average per acre	dollars	1 004	937	1 138	1 051	1 033	914	782
Farms by value of land and buildings:								
$1 to $19,999		3 338	248	619	617	745	613	496
$20,000 to $39,999		6 485	315	1 220	1 263	1 532	1 610	545
$40,000 to $69,999		10 609	406	1 509	3 164	3 083	1 856	591
$70,000 to $99,999		5 826	65	846	1 667	1 630	1 229	389
$100,000 to $149,999		4 689	32	670	1 315	1 463	968	241
$150,000 to $199,999		2 208	52	288	719	602	419	128
$200,000 to $499,999		3 108	51	412	889	955	623	178
$500,000 to $999,999		634	1	48	162	323	81	19
$1,000,000 or more		94	–	5	25	39	18	7
Owned and rented land by operator:								
Land owned	farms	34 758	698	5 011	9 351	9 931	7 227	2 540
	acres	2 970 970	36 077	282 070	727 385	949 608	720 179	255 651
Land rented or leased from others	farms	10 350	735	2 362	3 062	2 605	1 265	321
	acres	837 093	40 571	175 455	290 136	196 911	99 122	34 898
Land rented or leased to others	farms	4 504	38	529	1 063	1 270	1 056	548
	acres	251 121	2 507	23 919	56 883	72 406	60 685	34 721
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	35 707	1 143	5 405	9 564	9 954	7 113	2 528
	acres	2 443 196	59 543	324 819	692 624	720 447	488 351	157 412
Harvested cropland	farms	33 129	1 116	4 956	8 818	9 197	6 606	2 436
	acres	1 725 896	48 886	246 508	489 995	514 198	329 176	97 133
Farms by acres harvested:								
1 to 49 acres		22 230	795	3 367	5 789	6 028	4 393	1 858
50 to 99 acres		6 564	204	902	1 698	1 882	1 472	406
100 to 199 acres		3 110	91	532	920	858	573	136
200 to 499 acres		1 120	25	152	375	391	145	32
500 to 999 acres		87	1	2	31	35	17	1
1,000 to 1,999 acres		15	–	1	4	3	5	2
2,000 acres or more		3	–	–	1	–	1	1
Cropland:								
Pasture or grazing only	farms	12 835	226	1 911	3 570	3 771	2 575	782
	acres	323 875	3 360	31 346	105 082	90 232	68 739	25 116
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	4 556	88	651	1 211	1 315	928	363
	acres	81 043	880	9 886	19 552	25 230	16 687	8 808
On which all crops failed	farms	2 006	50	269	599	536	392	160
	acres	32 389	753	4 854	9 064	8 569	6 420	2 729
In cultivated summer fallow	farms	3 578	65	439	895	1 083	844	252
	acres	67 810	1 804	8 345	16 381	21 114	15 693	4 473
Idle	farms	9 908	230	1 344	2 806	2 824	2 026	678
	acres	212 183	3 860	23 880	52 550	61 104	51 636	19 153
Total woodland	farms	18 764	340	2 501	5 082	5 454	4 024	1 363
	acres	653 825	7 323	64 320	154 767	212 963	160 968	53 484
Woodland pastured	farms	4 583	34	587	1 350	1 360	881	371
	acres	127 895	850	14 601	29 762	37 535	32 366	12 781
Woodland not pastured	farms	15 641	315	2 073	4 133	4 574	3 440	1 106
	acres	525 930	6 473	49 719	125 005	175 428	128 602	40 703
Pastureland and rangeland other than cropland and woodland pastured	farms	3 617	42	395	953	1 195	737	295
	acres	106 559	916	8 312	26 897	29 729	28 948	11 757
Land in house lots, ponds, roads, wasteland, etc.	farms	28 397	690	4 195	7 564	8 238	5 753	1 957
	acres	353 362	6 359	36 155	86 350	110 974	80 349	33 175
Pastureland, all types	farms	16 729	274	2 372	4 637	4 989	3 345	1 112
	acres	558 329	5 126	54 259	161 741	157 496	130 053	49 654
Irrigated land	farms	961	6	139	267	285	201	63
	acres	23 909	83	3 533	8 283	7 172	3 734	1 104
Harvested cropland irrigated	farms	926	6	136	254	272	198	60
	acres	23 221	83	3 504	8 126	6 876	3 590	1 042
Pastureland irrigated	farms	22	–	–	9	8	3	2
	acres	203	–	–	68	68	(D)	(D)
Other land irrigated	farms	52	–	8	10	18	11	5
	acres	485	–	29	89	228	(D)	(D)
Land set aside in the federal farm programs in 1978	farms	5 039	97	706	1 413	1 456	1 103	264
	acres	56 693	1 146	8 720	15 460	17 602	11 226	2 539
RACE AND TENURE OF OPERATOR								
All operators	number	37 302	1 211	5 747	9 855	10 434	7 406	2 649
Full owners	number	27 013	478	3 389	6 813	7 849	6 154	2 330
Part owners	number	7 712	220	1 617	2 528	2 078	1 064	205
Tenants	number	2 577	513	741	514	507	188	114
White	number	36 994	1 210	5 668	9 808	10 374	7 307	2 627
Full owners	number	26 807	478	3 375	6 781	7 794	6 065	2 314
Part owners	number	7 624	220	1 553	2 520	2 074	1 056	201
Tenants	number	2 563	512	740	507	506	186	112
Black and other races	number	308	1	79	47	60	99	22
Full owners	number	206	–	14	32	55	89	16
Part owners	number	88	–	64	8	4	8	4
Tenants	number	14	1	1	7	1	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

	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	61 399	26 649	983	2 809	3 831	5 293	6 963	6 770
acres	9 180 975	6 013 842	160 165	748 062	1 234 202	1 639 213	1 459 882	772 318
Partnership—farms	5 890	3 692	114	501	505	842	1 126	604
acres	1 813 363	1 510 226	28 480	205 403	217 675	406 825	503 033	148 810
Corporations:								
Family held—farms	694	449	7	55	93	137	110	47
acres	354 970	288 449	(D)	(D)	62 649	99 833	56 505	30 572
More than 10 stockholders—farms	14	10	–	2	1	4	2	1
10 or less stockholders—farms	680	439	7	53	92	133	108	46
Other than family held—farms	93	69	–	14	14	17	20	4
acres	49 022	45 792	–	14 761	8 802	10 023	11 912	294
More than 10 stockholders—farms	11	7	–	1	1	3	2	–
10 or less stockholders—farms	82	62	–	13	13	14	18	4
Other—cooperative, estate or trust, etc.—farms	135	50	1	10	5	11	15	8
acres	27 926	11 005	(D)	(D)	1 366	1 522	4 556	1 328
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	56 135	26 018	737	2 675	3 695	5 343	7 137	6 431
Not on farm operated	6 835	2 445	311	479	396	412	455	392
Operators by age group:								
Under 25 years	2 316	1 105	1 105	–	–	–	–	–
25 to 34 years	9 136	3 389	–	3 389	–	–	–	–
35 to 44 years	14 303	4 448	–	–	4 448	–	–	–
45 to 54 years	16 734	6 300	–	–	–	6 300	–	–
55 to 64 years	15 640	8 234	–	–	–	–	8 234	–
65 years and over	10 082	7 433	–	–	–	–	–	7 433
Average age	49.3	52.9	21.7	29.9	39.5	49.8	59.5	71.5
Operators by sex:								
Male	65 575	29 557	1 096	3 309	4 305	6 054	7 896	6 897
Female	2 636	1 352	9	80	143	246	338	536
Operators of Spanish origin	301	87	5	6	14	19	23	20
Operators by principal occupation:								
Farming	30 909	30 909	1 105	3 389	4 448	6 300	8 234	7 433
Other	37 302	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	24 093	20 828	582	1 898	2 660	4 033	5 662	5 993
1 to 99 days	5 523	4 301	201	674	703	974	1 189	560
100 to 199 days	5 396	1 686	111	310	350	422	385	108
200 days or more	30 950	1 845	175	334	440	463	352	81
FARMS BY SIZE								
1 to 9 acres	3 581	954	88	137	69	114	233	313
10 to 49 acres	16 611	3 789	167	225	281	407	833	1 876
50 to 69 acres	4 933	1 383	59	99	138	176	351	560
70 to 99 acres	9 734	3 335	88	237	337	425	901	1 347
100 to 139 acres	7 887	3 430	160	355	386	540	959	1 030
140 to 179 acres	5 614	3 022	101	307	321	566	936	791
180 to 219 acres	3 974	2 463	137	352	344	461	739	430
220 to 259 acres	3 126	2 122	62	219	312	531	633	365
260 to 499 acres	8 388	6 543	179	917	1 318	1 809	1 781	539
500 to 999 acres	3 509	3 071	59	447	750	996	680	139
1,000 to 1,999 acres	743	698	4	85	166	241	163	39
2,000 acres or more	111	99	1	9	26	34	25	4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	23 849	10 358	575	1 102	1 185	1 878	2 823	2 795
Field crop, except cash grain farms (013)	7 240	2 265	56	177	307	331	552	842
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	7 240	2 265	56	177	307	331	552	842
Vegetable and melon farms (016)	2 061	1 006	22	96	142	204	307	235
Fruit and tree nut farms (017)	4 339	2 179	28	174	291	426	589	671
Horticultural specialty farms (018)	1 353	649	8	77	90	173	184	117
General farms, primarily crop (019)	3 249	1 206	22	107	113	200	277	487
Livestock farms, except dairy, poultry, and animal specialty (021)	15 497	5 429	188	553	758	983	1 419	1 528
Beef cattle farms, except feedlots (0212)	5 433	1 739	23	126	180	302	498	610
Dairy farms (024)	7 029	6 441	127	970	1 364	1 801	1 702	477
Poultry and egg farms (025)	654	392	5	34	56	95	90	112
Animal specialty farms (027)	1 889	432	65	43	52	52	144	76
General farms, primarily livestock (029)	1 051	552	9	56	90	157	147	93
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold—farms	68 211	30 909	1 105	3 389	4 448	6 300	8 234	7 433
$1,000	1 938 147	1 629 685	29 213	216 295	349 885	501 446	409 439	123 406
Farms by value of agricultural products sold:								
$500,000 or more	258	241	1	26	51	77	67	19
$200,000 to $499,999	1 205	1 145	8	145	289	392	263	48
$100,000 to $199,999	2 839	2 670	32	394	672	870	594	108
$40,000 to $99,999	7 805	6 882	188	1 186	1 467	1 932	1 747	362
$20,000 to $39,999	7 114	5 109	215	612	738	1 212	1 665	667
$10,000 to $19,999	8 699	4 481	173	496	462	788	1 482	1 080
$5,000 to $9,999	9 913	3 704	182	245	309	431	989	1 548
$2,500 to $4,999	9 963	2 781	144	125	207	303	660	1 342
Less than $2,500	20 415	3 896	162	160	253	295	767	2 259

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
FARMS BY TYPE OF ORGANIZATION							
Individual or family—farms	34 750	995	5 355	9 293	9 755	6 909	2 443
acres	3 167 133	62 046	381 971	878 279	942 623	679 765	222 449
Partnership—farms	2 198	207	346	504	523	441	177
acres	303 137	11 512	45 513	69 150	87 902	64 993	24 067
Corporations:							
Family held—farms	245	2	18	32	136	36	21
acres	66 521	(D)	3 315	(D)	39 701	7 080	(D)
More than 10 stockholders—farms	4	–	–	3	1	–	–
10 or less stockholders—farms	241	2	18	29	135	36	21
Other than family held—farms	24	1	8	1	7	6	1
acres	3 230	(D)	963	(D)	657	592	(D)
More than 10 stockholders—farms	4	–	1	1	1	1	–
10 or less stockholders—farms	20	1	7	–	6	5	1
Other—cooperative, estate or trust, etc.—farms	85	6	20	25	13	14	7
acres	16 921	93	1 844	5 006	3 230	6 186	562
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	30 117	824	4 536	8 045	8 576	6 007	2 129
Not on farm operated	4 390	323	860	1 037	1 075	812	283
Operators by age group:							
Under 25 years	1 211	1 211	–	–	–	–	–
25 to 34 years	5 747	–	5 747	–	–	–	–
35 to 44 years	9 855	–	–	9 855	–	–	–
45 to 54 years	10 434	–	–	–	10 434	–	–
55 to 64 years	7 406	–	–	–	–	7 406	–
65 years and over	2 649	–	–	–	–	–	2 649
Average age	46.4	21.9	30.5	39.4	49.3	58.9	71.2
Operators by sex:							
Male	36 018	1 193	5 548	9 649	10 083	7 138	2 407
Female	1 284	18	199	206	351	268	242
Operators of Spanish origin	214	1	14	80	33	79	7
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	37 302	1 211	5 747	9 855	10 434	7 406	2 649
Operators reporting days of work off farm:							
None	3 265	28	141	344	475	803	1 474
1 to 99 days	1 222	46	102	216	227	354	277
100 to 199 days	3 710	102	527	1 065	837	843	336
200 days or more	29 105	1 035	4 977	8 230	8 895	5 406	562
FARMS BY SIZE							
1 to 9 acres	2 627	142	616	539	698	498	134
10 to 49 acres	12 822	538	2 477	3 470	3 413	2 077	847
50 to 69 acres	3 550	114	500	901	962	814	259
70 to 99 acres	6 399	177	705	1 842	1 794	1 405	476
100 to 139 acres	4 457	130	537	1 147	1 246	973	424
140 to 179 acres	2 592	42	348	609	759	621	213
180 to 219 acres	1 511	25	210	414	420	338	104
220 to 259 acres	1 004	15	119	249	348	213	60
260 to 499 acres	1 845	25	203	505	627	375	110
500 to 999 acres	438	2	31	164	146	77	18
1,000 to 1,999 acres	45	1	1	14	16	11	2
2,000 acres or more	12	–	–	1	5	4	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	13 491	706	2 262	3 400	3 665	2 556	902
Field crop, except cash grain farms (013)	4 975	168	745	1 325	1 296	991	450
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	4 975	168	745	1 325	1 296	991	450
Vegetable and melon farms (016)	1 055	14	145	319	284	222	71
Fruit and tree nut farms (017)	2 160	12	230	576	582	510	250
Horticultural specialty farms (018)	704	9	70	102	227	239	57
General farms, primarily crop (019)	2 043	25	319	634	582	318	165
Livestock farms, except dairy, poultry, and animal specialty (021)	10 068	211	1 569	2 678	3 070	1 970	570
Beef cattle farms, except feedlots (0212)	3 694	42	460	856	1 091	935	310
Dairy farms (024)	588	13	63	147	186	135	44
Poultry and egg farms (025)	262	2	39	61	74	58	28
Animal specialty farms (027)	1 457	13	208	536	396	214	90
General farms, primarily livestock (029)	499	38	97	77	72	193	22
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold—farms	37 302	1 211	5 747	9 855	10 434	7 406	2 649
$1,000	308 462	6 909	40 099	83 732	97 706	63 353	16 663
Farms by value of agricultural products sold:							
$500,000 or more	17	–	1	3	7	5	1
$200,000 to $499,999	60	–	3	13	22	18	4
$100,000 to $199,999	169	1	15	41	61	42	9
$40,000 to $99,999	923	21	105	286	337	143	31
$20,000 to $39,999	2 005	39	341	596	596	349	84
$10,000 to $19,999	4 218	115	632	1 245	1 179	845	202
$5,000 to $9,999	6 209	189	919	1 577	1 701	1 368	455
$2,500 to $4,999	7 182	259	942	1 754	2 154	1 567	506
Less than $2,500	16 519	587	2 789	4 340	4 377	3 069	1 357

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Total farming and other occupations	Farming					
				Age of operator				
			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	37 601	19 424	772	2 228	2 772	4 093	5 289	4 270
	$1,000	519 232	396 911	12 084	55 351	82 322	114 499	99 157	33 498
Sales of $40,000 or more	farms	3 028	2 678	63	424	625	853	623	90
	$1,000	257 286	234 115	4 471	34 320	58 379	76 770	52 594	7 582
Commodity Credit Corporation loans	farms	3 406	2 138	63	290	436	530	530	289
	$1,000	30 118	24 670	497	4 260	6 639	7 889	4 643	741
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	16 422	7 226	148	747	1 021	1 342	1 937	2 031
	$1,000	56 617	33 509	653	5 217	6 271	7 633	8 312	5 424
Sales of $40,000 or more	farms	74	61	–	12	12	19	13	5
	$1,000	4 638	3 925	–	668	747	1 395	800	315
Vegetables, sweet corn, and melons	farms	4 155	2 272	44	215	349	500	675	489
	$1,000	98 325	86 940	819	9 101	14 948	32 499	20 845	8 728
Sales of $40,000 or more	farms	488	452	6	60	106	145	108	27
	$1,000	72 948	69 910	336	7 427	12 026	28 444	15 367	6 310
Fruits, nuts, and berries	farms	5 300	2 808	34	242	387	584	766	795
	$1,000	161 574	135 455	1 491	14 264	26 767	41 552	35 457	15 924
Sales of $40,000 or more	farms	1 065	935	15	113	186	277	239	105
	$1,000	127 818	114 192	1 240	12 497	23 433	37 057	28 749	11 216
Nursery and greenhouse products	farms	1 686	826	8	102	119	211	240	146
	$1,000	103 763	89 014	451	7 642	19 105	33 117	23 773	4 927
Sales of $40,000 or more	farms	395	339	4	46	58	127	71	33
	$1,000	94 884	84 165	394	6 928	18 451	32 065	22 178	4 147
Other crops	farms	2 257	1 813	158	224	296	505	497	133
	$1,000	73 462	67 702	1 876	7 854	15 430	19 346	20 138	3 059
Sales of $40,000 or more	farms	477	455	14	51	114	143	115	18
	$1,000	51 692	49 144	857	4 938	12 218	13 801	15 108	2 221
Poultry and poultry products	farms	3 858	1 493	19	153	221	334	405	361
	$1,000	78 197	70 253	351	9 221	11 023	21 384	18 963	9 310
Sales of $40,000 or more	farms	306	251	3	32	49	89	66	12
	$1,000	73 945	67 410	299	9 005	10 489	20 610	18 166	8 841
Dairy products	farms	8 399	7 566	155	1 131	1 539	2 102	2 003	636
	$1,000	434 999	417 567	5 823	62 943	98 730	130 513	102 027	17 532
Sales of $40,000 or more	farms	3 940	3 822	55	609	968	1 185	874	131
	$1,000	352 669	342 900	3 901	51 161	86 341	110 330	80 131	11 036
Cattle and calves	farms	24 521	13 867	341	1 672	2 384	3 354	3 801	2 315
	$1,000	262 503	217 251	2 025	25 229	43 710	71 113	56 226	18 947
Sales of $40,000 or more	farms	906	811	7	95	182	253	220	54
	$1,000	141 991	130 286	388	14 433	26 820	47 635	32 190	8 820
Hogs and pigs	farms	9 424	4 154	208	656	881	877	945	587
	$1,000	125 896	100 724	3 383	18 086	29 997	25 581	19 379	4 297
Sales of $40,000 or more	farms	728	631	21	103	199	160	132	16
	$1,000	80 680	73 170	2 274	12 887	24 202	18 905	13 421	1 480
Sheep, lambs, and wool	farms	2 510	933	16	81	126	157	226	327
	$1,000	4 819	3 091	60	213	375	841	967	634
Sales of $40,000 or more	farms	9	7	–	1	1	3	2	–
	$1,000	594	(D)	–	(D)	(D)	248	(D)	–
Other livestock and livestock products (see text)	farms	3 987	1 080	77	131	188	189	281	214
	$1,000	18 762	11 269	198	1 175	1 209	3 367	4 194	1 125
Sales of $40,000 or more	farms	69	53	1	9	9	13	17	4
	$1,000	8 761	7 155	(D)	782	689	2 808	2 202	(D)
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	21 314	9 501	390	1 424	1 756	1 987	2 313	1 631
	$1,000	148 807	124 251	2 142	18 510	27 877	37 302	29 159	9 262
Farms with expenses of—									
$1 to $4,999		17 478	6 447	279	879	1 127	1 218	1 564	1 380
$5,000 to $19,999		2 397	1 790	82	352	346	409	424	177
$20,000 to $49,999		892	774	26	125	157	208	206	52
$50,000 or more		547	490	3	68	126	152	119	22
Feed for livestock and poultry	farms	33 378	15 871	507	2 078	2 782	3 471	4 171	2 862
	$1,000	183 706	156 562	2 169	22 920	33 609	50 554	35 728	11 583
Farms with expenses of—									
$1 to $4,999		26 779	10 036	400	1 121	1 402	1 766	2 768	2 579
$5,000 to $19,999		4 879	4 266	92	726	984	1 194	1 059	211
$20,000 to $49,999		1 171	1 090	12	154	294	353	236	41
$50,000 or more		549	479	3	77	102	158	108	31
Commercially mixed formula feeds	farms	17 624	9 965	335	1 470	1 948	2 501	2 518	1 193
	tons	647 388	558 052	6 482	80 438	110 852	184 880	130 609	44 792
	$1,000	109 164	95 001	1 318	14 230	19 265	30 422	22 132	7 635
Farms by tons purchased:									
1 to 99 tons		16 671	9 124	325	1 362	1 739	2 235	2 311	1 152
100 to 499 tons		776	684	10	84	184	204	166	36
500 tons or more		177	157	–	24	25	62	41	5
Farms with expenses of—									
$1 to $4,999		13 911	6 659	262	951	1 202	1 405	1 764	1 075
$5,000 to $19,999		2 873	2 568	63	411	563	866	582	83
$20,000 to $49,999		503	452	8	60	122	132	108	22
$50,000 or more		337	286	2	48	61	98	64	13

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—farms	18 177	797	2 821	4 734	5 099	3 513	1 213
$1,000	122 321	4 158	18 731	36 372	35 434	22 314	5 313
Sales of $40,000 or more—farms	350	9	44	139	99	53	6
$1,000	23 171	525	2 924	8 809	6 256	4 168	490
Commodity Credit Corporation loans—farms	1 268	27	199	368	358	242	74
$1,000	5 448	98	1 019	1 821	1 508	890	113
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	9 196	236	1 356	2 522	2 498	1 880	704
$1,000	23 107	608	3 003	6 325	6 687	4 652	1 833
Sales of $40,000 or more—farms	13	1	–	2	6	2	2
$1,000	714	(D)	–	(D)	319	(D)	(D)
Vegetables, sweet corn, and melons—farms	1 883	23	286	537	572	353	112
$1,000	11 385	71	1 671	3 318	3 748	2 189	388
Sales of $40,000 or more—farms	36	–	7	14	8	7	–
$1,000	3 038	–	518	1 332	558	631	–
Fruits, nuts, and berries—farms	2 492	12	284	660	649	628	259
$1,000	26 120	58	2 243	5 953	9 533	5 935	2 397
Sales of $40,000 or more—farms	130	–	11	35	47	25	12
$1,000	13 626	–	630	3 198	5 694	2 887	1 218
Nursery and greenhouse products—farms	860	11	141	132	254	261	61
$1,000	14 748	68	996	2 803	5 365	4 814	702
Sales of $40,000 or more—farms	56	–	6	12	23	13	2
$1,000	10 719	–	(D)	2 100	4 203	3 662	(D)
Other crops—farms	444	11	60	100	175	77	21
$1,000	5 760	63	402	1 292	3 259	705	40
Sales of $40,000 or more—farms	22	–	2	8	9	3	–
$1,000	2 548	–	(D)	689	1 483	(D)	–
Poultry and poultry products—farms	2 365	23	409	818	672	280	163
$1,000	7 944	97	1 629	993	2 966	1 914	345
Sales of $40,000 or more—farms	55	1	5	8	23	15	3
$1,000	6 535	(D)	1 369	670	2 603	1 638	(D)
Dairy products—farms	833	15	100	211	253	186	68
$1,000	17 431	206	1 213	4 180	6 225	3 989	1 618
Sales of $40,000 or more—farms	118	1	5	26	50	27	9
$1,000	9 769	(D)	(D)	2 142	3 951	2 254	1 086
Cattle and calves—farms	10 654	129	1 518	2 855	3 203	2 266	683
$1,000	45 252	478	4 826	10 993	15 453	10 775	2 727
Sales of $40,000 or more—farms	95	2	7	24	35	21	6
$1,000	11 706	(D)	(D)	2 090	4 656	3 563	717
Hogs and pigs—farms	5 270	274	959	1 824	1 373	626	214
$1,000	25 172	1 015	4 295	8 300	6 708	4 281	573
Sales of $40,000 or more—farms	97	6	15	28	24	22	2
$1,000	7 510	(D)	899	2 327	2 160	1 717	(D)
Sheep, lambs, and wool—farms	1 577	16	248	586	435	201	91
$1,000	1 728	22	214	564	459	352	118
Sales of $40,000 or more—farms	2	–	–	1	–	1	–
$1,000	(D)	–	–	(D)	–	(D)	–
Other livestock and livestock products (see text)—farms	2 907	27	485	1 048	804	389	154
$1,000	7 493	65	875	2 640	1 869	1 434	610
Sales of $40,000 or more—farms	16	–	1	5	4	3	3
$1,000	1 606	–	(D)	373	482	430	(D)
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased—farms	11 813	395	2 409	3 582	2 995	1 828	604
$1,000	24 556	610	3 590	6 225	6 977	6 167	986
Farms with expenses of—							
$1 to $4,999	11 031	365	2 260	3 383	2 786	1 668	569
$5,000 to $19,999	607	18	137	157	164	111	20
$20,000 to $49,999	118	12	6	35	28	25	12
$50,000 or more	57	–	6	7	17	24	3
Feed for livestock and poultry—farms	17 507	533	3 032	5 002	4 943	3 132	865
$1,000	27 144	368	5 054	6 326	8 251	5 614	1 532
Farms with expenses of—							
$1 to $4,999	16 743	524	2 863	4 808	4 719	2 996	833
$5,000 to $19,999	613	9	152	173	160	104	15
$20,000 to $49,999	81	–	10	14	40	13	4
$50,000 or more	70	–	7	7	24	19	13
Commercially mixed formula feeds—farms	7 659	309	1 528	2 055	2 277	1 166	324
tons	89 335	922	20 159	16 567	28 540	16 194	6 953
$1,000	14 162	110	2 968	2 896	4 699	2 540	948
Farms by tons purchased:							
1 to 99 tons	7 547	309	1 511	2 044	2 228	1 145	310
100 to 499 tons	92	–	14	7	42	15	14
500 tons or more	20	–	3	4	7	6	–
Farms with expenses of—							
$1 to $4,999	7 252	309	1 413	1 956	2 171	1 096	307
$5,000 to $19,999	305	–	106	84	59	53	3
$20,000 to $49,999	51	–	6	10	30	3	2
$50,000 or more	51	–	3	5	17	14	12

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	26 970	14 249	444	1 927	2 613	3 296	3 759	2 210
$1,000	13 693	11 272	203	1 828	2 699	3 190	2 609	743
Farms with expenses of—								
$1 to $499	20 773	8 951	316	1 044	1 370	1 761	2 533	1 927
$500 to $999	2 680	2 106	68	300	430	616	529	163
$1,000 to $2,999	2 684	2 428	54	441	616	676	541	100
$3,000 or more	833	764	6	142	197	243	156	20
Seeds, bulbs, plants, and trees—farms	49 763	26 115	1 043	3 082	3 955	5 404	6 971	5 660
$1,000	81 155	65 502	1 690	9 190	14 917	18 141	16 468	5 095
Farms with expenses of—								
$1 to $999	32 444	12 791	565	986	1 345	1 849	3 498	4 548
$1,000 to $4,999	14 089	10 383	405	1 625	1 922	2 627	2 847	957
$5,000 to $9,999	2 180	1 959	58	330	430	623	408	110
$10,000 or more	1 050	982	15	141	258	305	218	45
Commercial fertilizer—farms	51 937	27 086	1 026	3 135	3 972	5 586	7 275	6 092
$1,000	175 764	141 248	4 074	19 811	31 317	40 607	35 331	10 109
Farms with expenses of—								
$1 to $2,499	35 365	14 130	508	1 209	1 444	2 067	3 811	5 091
$2,500 to $9,999	12 175	8 947	423	1 335	1 526	2 245	2 534	884
$10,000 to $19,999	2 979	2 664	73	379	651	836	647	78
$20,000 or more	1 418	1 345	22	212	351	438	283	39
Other agricultural chemicals including lime—farms	47 023	24 953	940	3 142	3 770	5 270	6 670	5 161
$1,000	68 498	55 810	1 242	7 882	12 060	16 397	13 888	4 341
Farms with expenses of—								
$1 to $2,499	40 358	19 206	815	2 267	2 450	3 560	5 270	4 844
$2,500 to $9,999	5 498	4 634	115	717	1 038	1 349	1 147	268
$10,000 to $19,999	846	806	7	123	215	255	174	32
$20,000 or more	321	307	3	35	67	106	79	17
Energy and petroleum products—farms	67 874	31 150	1 134	3 420	4 444	6 075	8 315	7 762
$1,000	131 123	102 636	2 251	13 521	20 360	30 080	26 874	9 550
Farms with expenses of—								
$1 to $2,499	54 841	19 647	850	1 731	1 980	2 627	5 397	7 062
$2,500 to $9,999	11 025	9 579	262	1 432	2 021	2 784	2 478	602
$10,000 to $19,999	1 523	1 466	21	196	350	504	333	62
$20,000 or more	485	458	1	61	93	160	107	36
Petroleum products—farms	67 839	31 145	1 134	3 420	4 444	6 075	8 315	7 757
$1,000	100 071	77 606	1 712	10 274	15 242	22 679	20 406	7 293
Gasoline—farms	63 943	29 669	981	3 232	4 210	5 771	8 007	7 468
$1,000	48 196	34 874	767	4 128	6 403	9 923	9 357	4 296
Diesel fuel—farms	30 909	18 331	820	2 580	3 212	4 387	4 912	2 420
$1,000	29 217	24 276	658	3 559	5 303	7 296	6 010	1 451
LP gas, butane, and propane—farms	6 997	5 208	121	849	966	1 477	1 291	504
$1,000	7 403	6 488	122	1 003	1 414	1 895	1 561	493
Fuel oil—farms	5 794	3 727	107	390	792	937	932	569
$1,000	3 753	2 922	38	228	547	820	1 049	239
Natural gas—farms	1 502	1 044	18	153	182	243	267	181
$1,000	4 560	4 185	6	689	635	1 428	1 178	249
Kerosene, motor oil, and grease—farms	67 838	31 144	1 134	3 420	4 444	6 074	8 315	7 757
$1,000	6 941	4 861	120	668	941	1 316	1 251	564
Electricity—farms	45 899	24 260	607	2 676	3 667	5 203	6 706	5 401
$1,000	30 339	24 524	533	3 217	5 029	7 208	6 353	2 184
Other—coal, wood, coke, etc.—farms	2 137	1 163	17	78	168	202	363	335
$1,000	713	507	7	29	89	193	115	74
Hired farm labor—farms	22 907	14 211	401	1 754	2 489	3 572	3 918	2 077
$1,000	136 398	121 287	1 455	12 504	23 727	41 399	32 644	9 557
Farms with expenses of—								
$1 to $4,999	17 936	9 627	325	1 182	1 575	2 123	2 685	1 737
$5,000 to $19,999	3 533	3 249	60	431	613	994	897	254
$20,000 to $49,999	1 010	945	15	104	224	317	234	51
$50,000 or more	428	390	1	37	77	138	102	35
Workers by number of days worked:								
150 days or more—farms	6 985	5 899	108	749	1 129	1 798	1 613	502
workers	18 346	16 202	210	1 801	3 223	5 251	4 464	1 253
Less than 150 days—farms	20 142	12 019	362	1 484	2 115	2 850	3 327	1 881
workers	124 535	93 030	1 668	10 085	19 370	24 738	25 183	11 986
Contract labor—farms	3 304	1 868	52	222	286	421	486	401
$1,000	12 430	10 339	75	1 687	2 681	2 644	2 242	1 010
Farms with expenses of—								
$1 to $2,499	2 445	1 228	40	130	146	240	345	327
$2,500 to $9,999	615	416	11	66	98	124	69	48
$10,000 to $19,999	139	127	–	10	24	27	45	21
$20,000 or more	105	97	1	16	18	30	27	5
Customwork, machine hire, and rental of machinery and equipment—farms	27 238	13 787	399	1 629	1 970	2 683	3 892	3 214
$1,000	27 150	18 558	561	2 434	3 413	4 891	4 948	2 310
Farms with expenses of—								
$1 to $2,499	24 702	11 876	322	1 355	1 592	2 129	3 427	3 051
$2,500 to $9,999	2 317	1 719	76	246	328	500	423	146
$10,000 to $19,999	182	156	–	25	41	40	34	16
$20,000 or more	37	36	1	3	9	14	8	1
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services—farms	6 013	4 063	226	671	828	940	983	415
$1,000	12 499	10 326	737	1 930	2 510	2 827	1 889	434
Value of agricultural products sold directly to individuals for human consumption—farms	6 785	2 794	52	299	411	537	779	716
$1,000	22 404	16 103	128	1 392	3 187	4 759	3 765	2 873

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs—farms	12 721	283	2 315	3 677	3 554	2 341	551
$1,000	2 421	34	381	683	696	493	134
Farms with expenses of—							
$1 to $499	11 822	273	2 159	3 419	3 291	2 173	507
$500 to $999	574	10	128	152	158	101	25
$1,000 to $2,999	256	–	27	99	81	40	9
$3,000 or more	69	–	1	7	24	27	10
Seeds, bulbs, plants, and trees—farms	23 648	767	3 528	6 197	6 757	4 872	1 527
$1,000	15 653	358	2 058	4 326	5 011	3 044	857
Farms with expenses of—							
$1 to $999	19 653	677	2 916	5 002	5 519	4 235	1 304
$1,000 to $4,999	3 706	90	585	1 121	1 138	571	201
$5,000 to $9,999	221	–	23	57	74	49	18
$10,000 or more	68	–	4	17	26	17	4
Commercial fertilizer—farms	24 851	834	3 713	6 619	7 024	5 110	1 551
$1,000	34 517	976	4 670	10 101	10 731	6 515	1 524
Farms with expenses of—							
$1 to $2,499	21 235	736	3 188	5 545	5 859	4 486	1 421
$2,500 to $9,999	3 228	97	483	920	1 021	583	124
$10,000 to $19,999	315	–	40	132	121	19	3
$20,000 or more	73	1	2	22	23	22	3
Other agricultural chemicals including lime—farms	22 070	701	3 179	5 881	6 394	4 483	1 432
$1,000	12 688	362	1 554	3 675	3 914	2 573	611
Farms with expenses of—							
$1 to $2,499	21 152	673	3 077	5 527	6 130	4 332	1 413
$2,500 to $9,999	864	28	100	342	248	131	15
$10,000 to $19,999	40	–	2	10	9	16	3
$20,000 or more	14	–	–	2	7	4	1
Energy and petroleum products—farms	36 724	1 157	5 583	9 773	10 272	7 372	2 567
$1,000	28 486	570	3 690	7 400	8 816	6 244	1 767
Farms with expenses of—							
$1 to $2,499	35 194	1 148	5 444	9 361	9 719	7 029	2 493
$2,500 to $9,999	1 446	8	134	395	517	322	70
$10,000 to $19,999	57	1	3	9	28	13	3
$20,000 or more	27	–	2	8	8	8	1
Petroleum products—farms	36 694	1 157	5 579	9 767	10 254	7 370	2 567
$1,000	22 465	474	2 949	5 949	6 786	4 899	1 409
Gasoline—farms	34 274	924	5 165	9 164	9 610	6 977	2 434
$1,000	13 322	248	1 787	3 470	4 075	2 835	908
Diesel fuel—farms	12 578	541	2 030	3 337	3 693	2 334	643
$1,000	4 941	161	668	1 361	1 511	956	285
LP gas, butane, and propane—farms	1 789	18	316	508	475	384	88
$1,000	915	10	92	332	286	165	30
Fuel oil—farms	2 067	6	330	636	618	330	147
$1,000	832	(Z)	63	153	183	394	39
Natural gas—farms	458	7	39	82	164	140	26
$1,000	375	5	32	62	121	147	8
Kerosene, motor oil, and grease—farms	36 694	1 157	5 579	9 767	10 254	7 370	2 567
$1,000	2 080	50	307	571	610	402	140
Electricity—farms	21 639	400	2 977	5 756	6 435	4 714	1 357
$1,000	5 816	92	718	1 410	1 977	1 295	325
Other—coal, wood, coke, etc.—farms	974	7	102	265	257	227	116
$1,000	205	4	23	41	54	50	33
Hired farm labor—farms	8 696	172	1 093	2 472	2 622	1 811	526
$1,000	15 111	123	1 186	3 707	4 917	4 074	1 104
Farms with expenses of—							
$1 to $4,999	8 309	171	1 070	2 390	2 475	1 704	499
$5,000 to $19,999	284	1	13	54	122	76	18
$20,000 to $49,999	65	–	10	22	14	16	3
$50,000 or more	38	–	–	6	11	15	6
Workers by number of days worked:							
150 days or more—farms	1 086	2	111	313	361	212	87
workers	2 144	(D)	(D)	654	688	446	157
Less than 150 days—farms	8 123	170	1 023	2 312	2 421	1 709	488
workers	31 505	340	3 623	9 315	9 313	6 850	2 064
Contract labor—farms	1 436	22	188	445	398	268	115
$1,000	2 092	19	208	549	566	624	126
Farms with expenses of—							
$1 to $2,499	1 217	22	168	391	327	211	98
$2,500 to $9,999	199	–	19	43	69	51	17
$10,000 to $19,999	12	–	–	10	1	1	–
$20,000 or more	8	–	1	1	1	5	–
Customwork, machine hire, and rental of machinery and equipment—farms	13 451	413	2 227	3 580	3 592	2 709	930
$1,000	8 592	177	1 236	2 502	2 226	1 858	593
Farms with expenses of—							
$1 to $2,499	12 826	402	2 170	3 374	3 442	2 556	882
$2,500 to $9,999	598	11	49	200	148	142	48
$10,000 to $19,999	26	–	8	5	2	11	–
$20,000 or more	1	–	–	1	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services—farms	1 950	99	415	633	478	257	68
$1,000	2 173	64	489	762	534	277	46
Value of agricultural products sold directly to individuals for human consumption—farms	3 991	51	908	1 207	1 081	581	163
$1,000	6 300	56	803	1 999	2 090	1 057	296

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--	68 110	31 204	1 138	3 420	4 452	6 078	8 315	7 801
$1,000--	2 070 588	1 482 085	39 054	207 130	299 958	394 801	382 999	158 143
Farms by value group:								
$1 to $4,999	8 703	2 103	170	169	146	114	359	1 145
$5,000 to $9,999	18 558	5 229	172	331	347	518	1 214	2 647
$10,000 to $19,999	13 290	5 102	228	358	524	708	1 550	1 734
$20,000 to $49,999	14 500	8 132	285	1 017	1 253	1 789	2 313	1 475
$50,000 to $99,999	8 237	6 279	196	836	1 110	1 673	1 877	587
$100,000 to $199,999	3 717	3 336	72	580	808	939	780	157
$200,000 to $499,999	1 053	973	15	127	254	319	205	53
$500,000 or more	52	50	–	2	10	18	17	3
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---farms--	46 441	24 587	723	2 501	3 649	5 335	6 862	5 517
number--	64 994	34 277	964	3 356	5 311	8 181	9 613	6 852
Motortrucks, including pickups ---farms--	55 328	26 637	945	3 087	4 020	5 646	7 267	5 672
number--	83 335	46 745	1 299	5 353	7 894	11 226	13 112	7 861
Wheel tractors ---farms--	62 695	29 419	895	3 172	4 304	5 895	7 894	7 259
number--	157 557	91 510	2 127	9 768	15 250	21 879	25 571	16 915
2 or 3 ---farms--	32 152	14 970	417	1 644	1 965	2 594	4 305	4 045
number--	76 764	37 192	992	4 191	5 035	6 678	10 774	9 522
4 or more ---farms--	12 746	9 768	160	1 060	1 903	2 806	2 765	1 074
number--	62 996	49 637	817	5 109	9 779	14 706	13 973	5 253
Grain and bean combines, self-propelled only ---farms--	18 344	11 572	296	1 281	2 012	2 899	3 390	1 694
number--	19 470	12 389	328	1 381	2 162	3 140	3 583	1 795
Cornpickers, corn heads, and picker-shellers ---farms--	26 865	15 423	404	1 880	2 650	3 716	4 250	2 523
number--	31 684	18 555	498	2 281	3 204	4 514	5 112	2 946
Corn heads for combines ---farms--	10 598	7 034	228	982	1 413	1 842	1 872	697
number--	11 330	7 577	257	1 128	1 501	1 965	1 956	770
Other cornpickers and picker-shellers ---farms--	19 454	10 438	241	1 109	1 599	2 392	2 982	2 115
number--	20 354	10 978	241	1 153	1 703	2 549	3 156	2 176
Cottonpickers ---farms--	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–
Mower conditioners ---farms--	20 680	11 858	306	1 501	2 057	2 835	3 194	1 965
number--	22 055	12 497	332	1 599	2 134	3 021	3 376	2 035
Pickup balers ---farms--	25 181	13 997	322	1 500	2 199	3 196	3 944	2 836
number--	26 027	14 570	334	1 590	2 276	3 361	4 100	2 909
Field forage harvesters, shear bar or flywheel type ---farms--	11 167	8 052	207	1 139	1 534	2 040	2 229	903
number--	12 974	9 470	249	1 376	1 814	2 412	2 592	1 027
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---farms--	55 739	28 264	1 057	3 307	4 095	5 778	7 522	6 505
$1,000--	244 262	197 057	5 316	27 693	43 377	57 004	49 218	14 450
Commercial fertilizer ---farms--	50 808	26 681	965	3 098	3 927	5 537	7 173	5 981
acres on which used--	5 740 804	4 459 442	146 747	632 744	913 266	1 264 712	1 120 250	381 723
Lime ---farms--	8 139	4 703	123	748	842	1 017	1 143	830
acres on which used--	260 788	191 136	3 215	43 382	38 208	49 682	39 733	16 916
tons--	548 842	387 509	7 443	70 337	83 121	105 653	83 773	37 182
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---farms--	17 785	10 215	268	1 381	1 664	2 282	2 608	2 012
acres on which used--	1 550 296	1 224 735	28 106	166 514	281 987	364 178	283 888	100 062
Nematodes in crops ---farms--	2 612	1 745	77	352	340	322	399	255
acres on which used--	226 963	181 736	6 220	36 680	32 770	49 881	45 154	11 031
Diseases in crops and orchards ---farms--	7 647	4 379	87	475	704	937	1 138	1 038
acres on which used--	419 155	345 569	5 448	41 665	72 663	104 221	87 462	34 110
Weeds, grass, or brush in crops and pasture ---farms--	33 791	18 304	761	2 413	2 912	4 030	5 031	3 157
acres on which used--	3 704 356	2 896 551	103 911	442 000	600 115	839 397	704 836	206 292
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---farms--	2 102	1 359	34	216	309	317	288	195
acres on which used--	94 111	78 731	1 229	10 211	21 318	21 534	18 474	5 965
Insect control on livestock and poultry ---farms--	12 144	7 026	177	1 080	1 364	1 729	1 710	966
Sanitation and rodent and bird control ---farms--	8 544	4 810	88	753	953	1 096	1 189	731
LIVESTOCK								
Cattle and calves inventory ---farms--	28 393	14 444	288	1 750	2 477	3 399	3 871	2 659
number--	1 272 703	1 044 541	14 090	144 115	221 285	320 266	266 038	78 747
Farms with—								
1 to 9	9 529	2 213	48	149	254	292	537	933
10 to 49	11 439	5 582	122	578	699	1 132	1 696	1 355
50 to 99	4 071	3 498	90	553	776	956	875	248
100 to 199	2 345	2 195	23	358	519	692	517	86
200 to 499	882	836	5	95	202	288	216	30
500 or more	127	120	–	17	27	39	30	7
Cows and heifers that had calved ---farms--	21 225	11 650	215	1 411	2 073	2 807	3 132	2 012
number--	530 983	443 305	6 498	63 967	96 012	134 249	111 512	31 067
Beef cows ---farms--	11 822	4 311	64	384	612	889	1 235	1 127
number--	145 627	80 222	938	9 218	13 269	20 901	22 787	13 109
Farms with—								
1 to 9	7 456	2 161	40	201	306	336	582	696
10 to 49	3 936	1 827	19	137	244	453	575	399
50 to 99	300	213	4	34	33	61	55	26
100 to 199	97	80	1	7	23	30	15	4
200 to 499	28	25	–	4	4	8	7	2
500 or more	5	5	–	1	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

	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--	36 906	1 162	5 598	9 792	10 368	7 402	2 584
$1,000--	588 503	12 080	78 115	169 844	181 661	117 505	29 299
Farms by value group:							
$1 to $4,999	6 600	402	1 050	1 500	1 768	1 284	596
$5,000 to $9,999	13 329	422	2 171	3 431	3 649	2 585	1 071
$10,000 to $19,999	8 188	187	1 196	2 387	2 203	1 686	529
$20,000 to $49,999	6 368	114	943	1 753	1 861	1 386	311
$50,000 to $99,999	1 958	35	216	546	730	367	64
$100,000 to $199,999	381	1	20	127	134	88	11
$200,000 to $499,999	80	1	2	47	23	5	2
$500,000 or more	2	–	–	1	–	1	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---farms--	21 854	295	3 091	5 884	5 922	4 926	1 736
number--	30 717	404	3 690	8 670	8 843	6 849	2 261
Motortrucks, including pickups ---farms--	28 691	860	4 485	7 893	8 096	5 669	1 688
number--	36 590	1 044	5 456	10 215	10 731	7 112	2 032
Wheel tractors---farms--	33 276	853	4 884	8 727	9 598	6 924	2 290
number--	66 047	1 377	8 521	17 303	20 158	14 332	4 356
2 or 3---farms--	17 182	393	2 140	4 408	5 346	3 714	1 181
number--	39 572	845	4 736	10 178	12 578	8 554	2 681
4 or more---farms--	2 978	24	317	809	935	733	160
number--	13 359	96	1 358	3 615	4 263	3 301	726
Grain and bean combines, self-propelled only ---farms--	6 772	155	845	1 893	2 033	1 465	381
number--	7 081	156	864	1 991	2 162	1 525	383
Cornpickers, corn heads, and picker-shellers ---farms--	11 442	269	1 867	3 079	3 385	2 226	616
number--	13 129	315	2 135	3 575	3 867	2 540	697
Corn heads for combines ---farms--	3 564	113	479	1 082	1 095	628	167
number--	3 753	114	498	1 175	1 148	651	167
Other cornpickers and picker-shellers ---farms--	9 016	194	1 580	2 265	2 631	1 825	521
number--	9 376	201	1 637	2 400	2 719	1 889	530
Cottonpickers---farms--	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–
Mower conditioners ---farms--	8 822	72	1 248	2 479	2 655	1 892	476
number--	9 558	78	1 295	2 688	3 006	1 986	505
Pickup balers ---farms--	11 184	140	1 440	2 961	3 561	2 383	699
number--	11 457	140	1 454	3 043	3 684	2 412	724
Field forage harvesters, shear bar or flywheel type ---farms--	3 115	106	388	750	974	741	156
number--	3 504	111	435	862	1 136	788	172
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ---farms--	27 475	955	4 043	7 234	7 680	5 773	1 790
$1,000--	47 205	1 338	6 224	13 776	14 645	9 087	2 135
Commercial fertilizer---farms--	24 127	816	3 612	6 462	6 799	4 924	1 514
acres on which used--	1 281 362	39 220	168 736	372 427	391 357	251 746	57 876
Lime ---farms--	3 436	26	533	1 100	969	624	184
acres on which used--	69 652	685	9 386	23 802	21 965	10 426	3 388
tons--	161 333	1 203	21 251	53 604	55 013	23 794	6 468
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ---farms--	7 570	128	836	2 163	2 165	1 576	702
acres on which used--	325 561	6 164	31 464	97 879	103 703	65 869	20 482
Nematodes in crops ---farms--	867	16	106	251	239	194	61
acres on which used--	45 227	820	9 662	10 359	13 493	8 638	2 255
Diseases in crops and orchards---farms--	3 268	69	369	821	1 035	788	186
acres on which used--	73 586	1 173	11 290	18 145	23 209	14 862	4 907
Weeds, grass, or brush in crops and pasture ---farms--	15 487	551	2 598	4 124	4 541	2 872	801
acres on which used--	807 805	27 798	115 977	218 977	259 776	158 263	27 014
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ---farms--	743	69	115	181	209	120	49
acres on which used--	15 380	1 065	2 904	3 551	5 121	1 817	922
Insect control on livestock and poultry---farms--	5 118	99	820	1 672	1 273	991	263
Sanitation and rodent and bird control---farms--	3 734	62	605	1 179	964	709	215
LIVESTOCK							
Cattle and calves inventory ---farms--	13 949	261	2 117	4 050	3 892	2 810	819
number--	228 162	2 745	26 602	59 355	72 618	51 647	15 195
Farms with—							
1 to 9	7 316	181	1 168	2 266	1 958	1 321	422
10 to 49	5 857	73	885	1 605	1 639	1 313	342
50 to 99	573	7	55	141	205	128	37
100 to 199	150	–	7	28	69	35	11
200 to 499	46	–	2	9	18	11	6
500 or more	7	–	–	1	3	2	1
Cows and heifers that had calved ---farms--	9 575	187	1 312	2 756	2 686	2 030	604
number--	87 678	1 084	9 671	21 755	28 610	20 398	6 160
Beef cows ---farms--	7 511	134	1 081	2 079	2 185	1 562	470
number--	65 405	621	7 603	15 925	21 363	15 576	4 317
Farms with—							
1 to 9	5 295	118	851	1 477	1 481	1 032	336
10 to 49	2 109	16	224	589	660	497	123
50 to 99	87	–	5	10	36	27	9
100 to 199	17	–	1	3	7	5	1
200 to 499	3	–	–	–	1	1	1
500 or more	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total 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
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows—farms	11 113	8 320	164	1 180	1 597	2 175	2 162	1 042
number	385 356	363 083	5 560	54 749	82 743	113 348	88 725	17 958
Farms with—								
1 to 4	2 950	924	12	52	93	121	204	442
5 to 9	492	323	10	33	30	51	87	112
10 to 49	4 836	4 323	113	667	814	1 078	1 246	405
50 to 99	2 098	2 031	24	331	478	677	456	65
100 to 199	660	646	5	89	160	225	152	15
200 to 499	73	69	–	8	22	21	15	3
500 or more	4	4	–	–	–	2	2	–
Heifers and heifer calves—farms	20 737	11 666	222	1 468	2 065	2 810	3 093	2 008
number	386 875	326 612	4 679	45 138	72 103	98 537	83 555	22 600
Steers, steer calves, bulls, and bull calves—farms	22 667	11 503	233	1 381	1 988	2 789	3 143	1 969
number	354 845	274 624	2 913	35 010	53 170	87 480	70 971	25 080
Cattle and calves sold—farms	24 521	13 867	341	1 672	2 384	3 354	3 801	2 315
number	683 971	555 222	6 143	69 717	113 040	173 658	141 609	51 055
$1,000	262 503	217 251	2 025	25 229	43 710	71 113	56 226	18 947
Calves—farms	12 222	7 999	217	1 019	1 460	1 989	2 201	1 113
number	191 015	152 150	2 158	24 753	29 652	43 651	38 248	13 688
$1,000	25 758	18 491	234	3 337	3 168	5 206	4 538	2 007
Cattle—farms	21 492	12 286	253	1 478	2 129	2 972	3 427	2 027
number	492 956	403 072	3 985	44 964	83 388	130 007	103 361	37 367
$1,000	236 744	198 760	1 791	21 891	40 542	65 907	51 688	16 941
Fattened on grain and concentrates—farms	9 233	4 485	93	421	728	1 033	1 305	905
number	290 196	240 456	1 767	24 653	48 459	88 147	59 526	17 904
$1,000	149 108	126 795	834	12 702	25 628	47 165	31 363	9 102
Hogs and pigs inventory—farms	10 900	4 382	208	645	894	913	951	771
number	956 760	726 974	24 161	135 339	209 872	184 984	140 867	31 751
Farms with—								
1 to 9	4 241	1 087	83	116	169	176	191	352
10 to 49	3 431	1 221	39	164	206	233	311	268
50 to 99	1 199	577	25	71	131	119	153	78
100 to 199	872	556	29	107	117	140	121	42
200 to 499	739	563	24	110	140	148	113	28
500 or more	418	378	8	77	131	97	62	3
Used or to be used for breeding—farms	6 840	2 901	166	473	621	616	673	352
number	162 815	115 732	5 328	22 707	30 830	30 080	22 640	4 147
Other—farms	10 020	4 084	199	577	851	842	888	727
number	793 945	611 242	18 833	112 632	179 042	154 904	118 227	27 604
Hogs and pigs sold—farms	9 424	4 154	208	656	881	877	945	587
number	1 415 153	1 098 429	40 620	200 209	323 789	275 905	209 539	48 367
$1,000	125 896	100 724	3 383	18 086	29 997	25 581	19 379	4 297
Feeder pigs sold—farms	2 913	1 220	37	253	280	237	226	187
number	321 584	212 784	6 916	48 796	59 285	46 388	40 421	10 978
$1,000	13 964	9 402	274	2 206	2 580	2 090	1 814	437
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30—farms	7 356	3 049	167	491	637	629	700	425
number	176 650	133 150	5 204	25 616	37 530	32 623	26 727	5 450
Dec. 1 and May 31—farms	5 832	2 535	153	418	547	537	593	287
number	83 743	62 789	2 145	12 100	18 033	15 441	12 733	2 337
June 1 and Nov. 30—farms	5 981	2 705	159	449	592	552	611	342
number	92 907	70 361	3 059	13 516	19 497	17 182	13 994	3 113
Sheep and lambs of all ages inventory—farms	2 614	886	17	88	123	166	223	269
number	112 493	59 193	1 423	4 431	7 365	14 026	17 913	14 035
Ewes 1 year old or older—farms	2 324	815	16	75	109	152	207	256
number	66 761	32 705	786	2 388	3 769	7 771	9 393	8 598
Sheep and lambs sold—farms	2 256	905	16	78	120	150	221	320
number	77 616	48 952	756	3 952	5 794	12 160	15 698	10 592
Sheep and lambs shorn—farms	2 323	864	15	68	109	149	212	311
number	95 313	55 795	1 291	3 168	6 815	15 959	16 563	11 999
pounds of wool	721 877	441 388	10 016	25 096	53 177	116 067	135 330	101 702
Horses and ponies inventory—farms	12 160	3 244	109	392	640	697	850	556
number	53 948	15 706	395	1 706	3 128	3 630	4 037	2 810
Horses and ponies sold—farms	2 637	633	71	74	117	112	173	86
number	7 572	2 369	167	301	437	380	786	298
$1,000	8 948	3 881	67	437	503	393	2 234	245
Goats inventory—farms	939	138	2	30	41	14	19	32
number	5 134	1 159	(D)	(D)	478	90	133	282
Goats sold—farms	325	57	1	9	21	6	4	16
number	1 396	389	(D)	(D)	104	47	48	122
$1,000	41	11	(D)	(D)	3	1	1	4
POULTRY								
Chickens 3 months old or older inventory—farms	8 115	2 928	93	254	391	560	745	885
number	7 073 150	6 156 619	9 460	843 195	1 203 200	2 204 574	1 578 310	317 880
Farms with—								
1 to 399	7 690	2 578	92	215	330	442	654	845
400 to 3,199	147	123	–	9	17	34	34	29
3,200 to 9,999	87	66	1	9	10	22	18	6
10,000 to 19,999	96	74	–	10	15	23	23	3
20,000 to 49,999	63	57	–	5	10	28	13	1
50,000 to 99,999	25	23	–	5	8	9	1	–
100,000 or more	7	7	–	1	1	2	2	1
Hens and pullets of laying age—farms	7 932	2 880	91	250	381	546	737	875
number	6 249 250	5 427 655	9 348	709 488	1 076 840	1 823 267	1 526 773	281 939
Pullets 3 months old or older not of laying age—farms	1 471	424	4	34	43	63	65	215
number	823 900	728 964	112	133 707	126 360	381 307	51 537	35 941

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	farms	2 793	119	361	912	676	559	166
	number	22 273	463	2 068	5 830	7 247	4 822	1 843
Farms with—								
1 to 4		2 026	108	278	714	447	376	103
5 to 9		169	1	17	45	44	42	20
10 to 49		513	9	61	136	144	126	37
50 to 99		67	1	5	12	34	12	3
100 to 199		14	–	–	4	7	2	1
200 to 499		4	–	–	1	–	1	2
500 or more		–	–	–	–	–	–	–
Heifers and heifer calves	farms	9 071	104	1 395	2 584	2 490	1 996	502
	number	60 263	732	7 339	15 808	18 537	13 798	4 049
Steers, steer calves, bulls, and bull calves	farms	11 164	142	1 634	3 374	3 132	2 299	583
	number	80 221	929	9 592	21 792	25 471	17 451	4 986
Cattle and calves sold	farms	10 654	129	1 518	2 855	3 203	2 266	683
	number	128 749	1 235	14 716	32 229	43 329	29 416	7 824
	$1,000	45 252	478	4 826	10 993	15 453	10 775	2 727
Calves	farms	4 223	58	498	1 157	1 262	963	285
	number	38 865	304	3 866	10 665	12 910	8 500	2 620
	$1,000	7 267	55	659	1 911	2 558	1 494	590
Cattle	farms	9 206	104	1 362	2 423	2 855	1 893	569
	number	89 884	931	10 850	21 564	30 419	20 916	5 204
	$1,000	37 985	423	4 167	9 082	12 895	9 281	2 137
Fattened on grain and concentrates	farms	4 748	42	781	1 285	1 500	915	225
	number	49 740	472	6 181	10 683	18 334	11 580	2 490
	$1,000	22 313	240	2 487	4 960	7 994	5 504	1 128
Hogs and pigs inventory	farms	6 518	344	1 293	2 077	1 595	994	215
	number	229 786	11 822	45 807	69 257	62 000	35 981	4 919
Farms with—								
1 to 9		3 154	158	576	1 087	652	554	127
10 to 49		2 210	128	435	638	699	245	65
50 to 99		622	32	175	170	117	114	14
100 to 199		316	15	67	109	77	43	5
200 to 499		176	8	33	63	39	29	4
500 or more		40	3	7	10	11	9	–
Used or to be used for breeding	farms	3 939	200	858	1 022	1 065	690	104
	number	47 083	2 573	12 702	12 145	12 434	6 337	892
Other	farms	5 936	273	1 142	1 912	1 480	931	198
	number	182 703	9 249	33 105	57 112	49 566	29 644	4 027
Hogs and pigs sold	farms	5 270	274	959	1 824	1 373	626	214
	number	316 724	15 108	57 631	101 421	81 365	54 088	7 111
	$1,000	25 172	1 015	4 295	8 300	6 708	4 281	573
Feeder pigs sold	farms	1 693	152	345	502	412	240	42
	number	108 800	6 164	24 729	30 648	25 110	19 871	2 278
	$1,000	4 562	264	1 041	1 304	936	922	96
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms	4 307	239	891	1 144	1 173	742	118
	number	43 500	2 392	7 691	12 873	11 310	8 225	1 009
Dec. 1 and May 31	farms	3 297	181	673	914	878	557	94
	number	20 954	1 158	3 447	6 044	5 344	4 459	502
June 1 and Nov. 30	farms	3 276	168	697	889	956	488	78
	number	22 546	1 234	4 244	6 829	5 966	3 766	507
Sheep and lambs of all ages inventory	farms	1 728	16	316	619	497	190	90
	number	53 300	519	6 168	24 078	10 336	9 128	3 071
Ewes 1 year old or older	farms	1 509	14	292	560	384	174	85
	number	34 056	382	3 855	15 859	6 627	5 162	2 171
Sheep and lambs sold	farms	1 351	16	180	552	328	188	87
	number	28 664	376	3 261	9 126	7 419	6 260	2 222
Sheep and lambs shorn	farms	1 459	16	232	543	402	179	87
	number	39 518	507	4 947	16 656	8 452	6 310	2 646
	pounds of wool	280 489	3 916	37 528	101 754	64 393	52 228	20 670
Horses and ponies inventory	farms	8 916	252	1 543	2 894	2 484	1 365	378
	number	38 242	598	5 385	12 199	11 413	6 643	2 004
Horses and ponies sold	farms	2 004	15	383	784	463	255	104
	number	5 203	47	914	1 904	1 166	814	358
	$1,000	5 067	33	704	1 840	1 135	862	493
Goats inventory	farms	801	40	203	228	278	44	8
	number	3 975	50	1 005	981	1 616	266	57
Goats sold	farms	268	1	37	91	121	12	6
	number	1 007	(D)	234	387	318	51	(D)
	$1,000	30	(D)	10	11	8	1	(D)
POULTRY								
Chickens 3 months old or older inventory	farms	5 187	109	862	1 375	1 586	925	330
	number	916 531	12 749	196 032	138 194	355 789	185 583	28 184
Farms with—								
1 to 399		5 112	108	853	1 363	1 562	903	323
400 to 3,199		24	–	2	2	7	8	5
3,200 to 9,999		21	–	2	5	5	7	2
10,000 to 19,999		22	1	2	5	8	6	–
20,000 to 49,999		6	–	2	–	3	1	–
50,000 to 99,999		2	–	1	–	1	–	–
100,000 or more		–	–	–	–	–	–	–
Hens and pullets of laying age	farms	5 052	106	855	1 294	1 559	911	327
	number	821 595	12 694	192 254	119 144	286 878	183 381	27 244
Pullets 3 months old or older not of laying age	farms	1 047	8	238	217	432	121	31
	number	94 936	55	3 778	19 050	68 911	2 202	940

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—farms	1 509	753	8	73	112	190	209	161
number	6 625 168	5 803 731	96 904	895 493	1 171 048	2 177 915	1 251 476	210 895
Broilers and other meat-type chickens sold—farms	615	179	4	27	36	41	40	31
number	501 699	223 010	280	24 050	120 219	26 648	41 680	10 133
Farms with—								
1 to 1,999	591	168	4	26	32	40	36	30
2,000 to 59,999	21	10	–	1	3	1	4	1
60,000 to 99,999	3	1	–	–	1	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	253	74	2	12	12	12	19	17
number	40 332	39 622	(D)	4 654	35	9 260	22 925	(D)
Turkeys sold—farms	513	61	4	12	11	18	9	7
number	1 112 357	1 073 265	6 710	8 332	50 954	289 619	173 181	544 469
CROPS HARVESTED								
Corn for all purposes—farms	37 769	20 849	802	2 648	3 358	4 720	5 543	3 778
acres	2 814 831	2 213 338	58 410	334 878	497 999	646 372	523 090	152 589
For grain or seed—farms	35 396	19 362	754	2 479	3 099	4 415	5 204	3 411
acres	2 384 673	1 828 886	52 937	277 125	411 464	526 091	428 556	132 713
bushels	188 087 193	148 922 342	4 240 461	22 574 405	34 056 511	43 270 326	34 928 683	9 851 956
Irrigated—farms	802	642	23	94	176	185	135	29
acres	99 377	88 513	1 891	13 136	26 123	28 373	16 391	2 599
Farms by acres harvested:								
1 to 24 acres	14 644	5 285	207	399	466	823	1 562	1 828
25 to 99 acres	14 055	8 431	364	1 129	1 332	1 893	2 384	1 329
100 to 499 acres	6 252	5 223	177	896	1 172	1 572	1 168	238
500 acres or more	445	423	6	55	129	127	90	16
Wheat for grain—farms	14 380	9 014	257	879	1 236	2 006	2 641	1 995
acres	382 083	281 654	6 576	30 243	45 692	78 607	80 798	39 738
bushels	15 042 125	11 356 889	228 081	1 224 113	1 902 500	3 244 296	3 320 962	1 436 937
Irrigated—farms	24	20	2	6	3	3	6	–
acres	1 191	1 124	(D)	(D)	141	98	433	–
Farms by acres harvested:								
1 to 24 acres	9 494	5 329	123	423	624	996	1 618	1 545
25 to 99 acres	4 369	3 223	130	404	523	852	884	430
100 to 499 acres	511	456	4	52	88	154	138	20
500 acres or more	6	6	–	–	1	4	1	–
Oats for grain—farms	18 572	11 545	356	1 272	1 714	2 597	3 237	2 369
acres	408 109	301 872	8 389	35 835	52 048	79 304	80 332	45 964
bushels	23 366 826	17 992 044	472 440	2 117 931	3 114 912	4 863 618	4 802 475	2 620 668
Irrigated—farms	27	20	–	4	4	5	5	2
acres	643	543	–	70	80	125	(D)	(D)
Barley for grain—farms	753	561	10	89	114	150	141	57
acres	19 314	16 883	203	3 017	4 546	5 403	2 907	807
bushels	920 822	826 154	6 446	136 835	230 478	271 202	136 922	44 271
Irrigated—farms	1	1	–	–	1	–	–	–
acres	(D)	(D)	–	–	(D)	–	–	–
Soybeans for beans—farms	14 503	7 462	345	894	1 055	1 618	2 075	1 475
acres	898 052	602 093	22 774	88 953	113 933	162 319	155 552	58 562
bushels	21 354 896	14 867 244	515 859	2 233 425	2 866 323	4 069 241	3 803 654	1 378 742
Irrigated—farms	201	147	9	28	32	38	35	5
acres	11 307	8 758	412	1 455	1 783	2 869	1 742	497
Farms by acres harvested:								
1 to 24 acres	5 192	1 997	72	184	201	331	533	676
25 to 99 acres	6 760	3 546	197	390	461	737	1 075	686
100 to 499 acres	2 448	1 825	73	304	362	527	447	112
500 acres or more	103	94	3	16	31	23	20	1
Dry field and seed beans—farms	5 454	3 833	328	483	525	929	1 051	517
acres	454 559	381 167	19 519	52 548	69 926	115 153	96 108	27 913
100-lb bags	5 309 788	4 490 556	202 589	583 006	853 205	1 333 542	1 188 791	329 423
Irrigated—farms	67	58	3	15	10	20	7	3
acres	7 723	7 435	316	2 316	1 126	2 794	739	144
Irish potatoes—farms	846	625	16	55	80	145	181	148
acres	43 805	40 671	824	4 477	10 491	10 491	12 076	2 313
hundredweight	10 002 744	9 341 728	172 432	1 014 914	2 398 088	2 398 421	2 895 426	462 447
Irrigated—farms	214	184	7	26	44	44	53	10
acres	21 402	20 273	386	2 400	6 311	4 274	5 907	995
Farms by acres harvested:								
0.1 to 0.9 acres	232	143	–	1	3	7	33	99
1.0 to 4.9 acres	197	116	–	11	5	31	42	27
5.0 to 24.9 acres	105	74	4	5	9	21	27	8
25.0 to 99.9 acres	166	155	9	22	29	45	43	7
100.0 acres or more	146	137	3	16	34	41	36	7
Sugar beets for sugar—farms	1 597	1 324	144	170	225	378	340	67
acres	91 589	83 410	3 271	10 723	18 636	26 907	21 503	2 370
tons	1 712 060	1 557 633	59 862	195 393	345 231	505 297	405 835	46 015
Irrigated—farms	19	16	1	3	4	3	3	2
acres	796	688	(D)	54	117	252	197	(D)
Hay crops (see text)—farms	36 123	17 638	386	1 891	2 746	3 801	4 701	4 113
acres	1 630 163	1 131 184	20 091	156 425	224 159	304 865	288 569	137 075
tons, dry	3 722 636	2 774 849	46 424	417 035	573 864	765 390	696 621	275 515
Irrigated—farms	217	177	2	26	46	44	48	11
acres	9 788	9 015	(D)	1 260	3 139	2 252	1 618	(D)
Farms by acres harvested:								
1 to 24 acres	17 562	5 752	159	437	596	907	1 421	2 232
25 to 99 acres	14 326	8 273	163	894	1 317	1 803	2 417	1 679
100 to 499 acres	4 176	3 559	64	548	826	1 070	854	197
500 acres or more	59	54	–	12	7	21	9	5

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	756	8	78	410	123	100	37
number	821 437	3 119	119 390	115 677	314 785	236 727	31 739
Broilers and other meat-type chickens sold—farms	436	9	169	135	65	37	21
number	278 689	538	119 871	18 037	129 873	8 823	1 547
Farms with—							
1 to 1,999	423	9	164	134	59	36	21
2,000 to 59,999	11	–	4	1	5	1	–
60,000 to 99,999	2	–	1	–	1	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	179	1	22	54	27	71	4
number	710	(D)	(D)	184	145	322	6
Turkeys sold—farms	452	2	78	332	17	16	7
number	39 092	(D)	(D)	2 398	24 682	5 928	5 413
CROPS HARVESTED							
Corn for all purposes—farms	16 920	555	2 868	4 694	4 560	3 193	1 050
acres	601 493	19 858	96 123	184 849	166 907	103 818	29 938
For grain or seed—farms	16 034	546	2 720	4 474	4 313	2 998	983
acres	555 787	19 268	90 074	174 218	152 456	94 508	25 263
bushels	39 164 851	1 247 688	6 224 705	12 426 220	10 806 505	6 737 672	1 722 061
Irrigated—farms	160	1	31	53	47	24	4
acres	10 864	(D)	2 123	4 205	2 815	1 568	(D)
Farms by acres harvested:							
1 to 24 acres	9 359	302	1 592	2 423	2 476	1 882	684
25 to 99 acres	5 624	214	947	1 678	1 540	972	273
100 to 499 acres	1 029	29	181	367	290	139	23
500 acres or more	22	1	–	6	7	5	3
Wheat for grain—farms	5 366	120	612	1 217	1 636	1 365	416
acres	100 429	2 195	10 797	22 838	32 342	25 490	6 767
bushels	3 685 236	81 468	380 458	843 890	1 238 741	900 464	240 215
Irrigated—farms	4	–	–	2	1	1	–
acres	67	–	–	(D)	(D)	(D)	–
Farms by acres harvested:							
1 to 24 acres	4 165	99	500	965	1 212	1 041	348
25 to 99 acres	1 146	20	108	234	408	311	65
100 to 499 acres	55	1	4	18	16	13	3
500 acres or more	–	–	–	–	–	–	–
Oats for grain—farms	7 027	250	1 054	1 909	1 989	1 368	457
acres	106 237	3 186	15 468	30 562	29 703	20 659	6 659
bushels	5 374 782	122 803	770 257	1 555 316	1 511 020	1 078 591	336 795
Irrigated—farms	7	–	2	2	3	–	–
acres	100	–	(D)	(D)	68	–	–
Barley for grain—farms	192	3	31	52	52	41	13
acres	2 431	21	301	794	793	367	155
bushels	94 668	660	9 486	28 585	36 744	14 929	4 264
Irrigated—farms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
Soybeans for beans—farms	7 041	400	1 165	1 715	2 104	1 284	373
acres	295 959	11 870	48 364	83 806	91 033	49 983	10 903
bushels	6 487 652	242 836	1 043 683	1 832 526	2 017 024	1 120 978	230 605
Irrigated—farms	54	–	8	27	11	7	1
acres	2 549	–	264	1 305	729	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	3 195	260	516	682	961	561	215
25 to 99 acres	3 214	117	531	826	957	641	142
100 to 499 acres	623	23	117	201	185	81	16
500 acres or more	9	–	1	6	1	1	–
Dry field and seed beans—farms	1 621	58	237	438	502	307	79
acres	73 392	2 075	9 817	21 530	24 396	13 131	2 443
100-lb bags	819 232	22 719	111 601	241 394	272 655	142 600	28 263
Irrigated—farms	9	1	1	4	3	–	–
acres	288	(D)	(D)	188	(D)	–	–
Irish potatoes—farms	221	4	17	40	67	64	29
acres	3 134	13	229	1 073	1 332	453	34
hundredweight	661 016	4 235	45 652	183 488	344 874	76 620	6 147
Irrigated—farms	30	1	5	3	12	4	5
acres	1 129	(D)	170	394	524	27	(D)
Farms by acres harvested:							
0.1 to 0.9 acres	89	2	4	6	30	31	16
1.0 to 4.9 acres	81	1	5	18	24	22	11
5.0 to 24.9 acres	31	1	5	9	7	7	2
25.0 to 99.9 acres	11	–	3	2	3	3	–
100.0 acres or more	9	–	–	5	3	1	–
Sugar beets for sugar—farms	273	7	40	64	128	31	3
acres	8 179	141	700	1 867	4 439	991	41
tons	154 427	2 689	12 343	34 421	86 471	17 635	868
Irrigated—farms	3	–	1	1	1	–	–
acres	108	–	(D)	(D)	(D)	–	–
Hay crops (see text)—farms	18 485	421	2 609	4 926	5 442	3 702	1 385
acres	498 979	7 694	60 348	133 526	149 665	107 177	40 569
tons, dry	947 787	16 268	114 177	260 342	288 220	198 266	70 514
Irrigated—farms	40	–	8	17	7	4	4
acres	773	–	80	303	78	117	195
Farms by acres harvested:							
1 to 24 acres	11 810	361	1 826	3 271	3 413	2 152	787
25 to 99 acres	6 053	51	720	1 423	1 854	1 446	559
100 to 499 acres	617	9	63	231	173	103	38
500 acres or more	5	–	–	1	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					
			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.								
Hay crops—Con.								
Alfalfa hay—farms	30 424	15 291	348	1 714	2 459	3 341	4 154	3 275
acres	1 135 548	766 223	13 939	105 508	148 984	199 619	199 597	98 576
tons, dry	2 896 516	2 133 808	35 853	326 222	439 314	578 448	538 407	215 564
Irrigated—farms	182	149	2	23	38	36	41	9
acres	6 636	5 987	(D)	758	1 985	1 600	1 162	(D)
All vegetables harvested for sale (see text)—farms	4 160	2 274	44	217	349	500	675	489
acres	122 211	103 698	1 399	10 943	20 793	36 790	24 886	8 887
Irrigated—farms	848	592	13	71	123	149	164	72
acres	35 597	33 676	377	3 855	5 511	15 278	6 833	1 823
Farms by acres harvested:								
0.1 to 4.9 acres	1 616	576	1	29	45	68	189	244
5.0 to 24.9 acres	1 427	817	21	78	119	183	246	170
25.0 to 99.9 acres	847	618	20	75	120	165	177	61
100.0 acres or more	270	263	2	35	65	84	63	14
Land in orchards—farms	5 291	2 517	33	221	373	521	663	706
acres	170 493	136 868	1 678	14 451	28 552	39 698	33 525	18 966
Irrigated—farms	522	344	3	49	81	98	74	39
acres	14 610	11 441	97	1 421	3 735	3 344	2 185	661
Farms by acres in orchards:								
0.1 to 4.9 acres	1 779	429	4	26	34	54	98	213
5.0 to 24.9 acres	1 892	784	11	54	80	120	209	310
25.0 to 99.9 acres	1 189	917	12	94	171	228	262	150
100.0 acres or more	431	387	6	47	88	119	94	33
Apples—farms	3 275	1 610	20	140	251	354	428	417
total acres	71 786	58 394	749	5 945	11 615	17 431	14 312	8 342
pounds	772 834 906	679 139 018	9 066 597	66 554 610	131 675 178	220 351 085	170 169 552	81 321 996
Cherries—farms	2 452	1 397	18	132	244	317	373	313
total acres	61 735	50 309	598	5 923	11 518	14 094	11 868	6 308
pounds	201 785 909	167 969 362	2 223 190	20 439 320	37 076 183	44 667 807	42 606 615	20 956 247
Grapes (see text)—farms	1 550	713	6	51	79	133	197	247
total acres	15 524	10 569	129	1 300	1 605	3 287	2 517	1 732
pounds	118 356 478	86 763 141	1 266 000	10 092 741	12 437 895	29 912 976	20 588 444	12 465 085

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.							
Hay crops—Con.							
Alfalfa hay—farms	15 133	326	2 082	4 181	4 338	3 064	1 142
acres	369 325	5 433	44 425	102 801	108 317	78 769	29 580
tons, dry	762 708	12 073	90 518	215 333	230 037	157 708	57 039
Irrigated—farms	33	–	6	13	6	4	4
acres	649	–	69	223	73	107	177
All vegetables harvested for sale (see text)—farms	1 886	23	286	539	572	353	113
acres	18 513	163	2 285	4 952	6 673	3 833	607
Irrigated—farms	256	3	38	55	63	81	16
acres	1 921	19	270	558	537	501	35
Farms by acres harvested:							
0.1 to 4.9 acres	1 040	11	174	310	281	192	72
5.0 to 24.9 acres	610	11	85	175	182	119	38
25.0 to 99.9 acres	229	1	25	53	108	39	3
100.0 acres or more	7	–	2	1	1	3	–
Land in orchards—farms	2 774	14	319	783	827	625	206
acres	33 625	108	3 398	8 999	10 805	7 666	2 650
Irrigated—farms	178	–	20	43	42	61	12
acres	3 170	–	367	539	962	751	550
Farms by acres in orchards:							
0.1 to 4.9 acres	1 350	5	174	380	401	312	78
5.0 to 24.9 acres	1 108	8	101	325	328	241	105
25.0 to 99.9 acres	272	1	42	65	84	61	19
100.0 acres or more	44	–	2	13	14	11	4
Apples—farms	1 665	4	204	396	570	378	113
total acres	13 392	15	1 076	3 370	4 485	3 303	1 143
pounds	93 695 888	102 900	6 098 249	20 845 306	31 298 510	27 889 543	7 461 380
Cherries—farms	1 055	7	171	267	327	196	87
total acres	11 426	43	1 373	3 023	3 717	2 428	843
pounds	33 816 547	53 368	2 940 249	6 652 193	14 749 853	6 951 646	2 469 238
Grapes (see text)—farms	837	7	82	221	258	198	71
total acres	4 955	39	507	1 525	1 464	974	445
pounds	31 593 337	162 480	3 355 724	9 110 595	9 105 167	7 414 173	2 445 198

[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						
			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	48 990	14 862	661	1 026	1 231	1 817	3 898	6 229
percent	100.0	30.3	1.3	2.0	2.5	3.7	7.9	12.7
Land in farms — acres	4 465 812	1 722 884	64 365	129 086	163 271	261 557	506 321	598 284
Average size of farm — acres	91	116	97	126	133	144	130	96
Value of land and buildings[1] — farms	48 828	14 962	656	1 071	1 220	1 735	3 791	6 489
$1,000	4 088 246	1 365 661	57 397	127 412	126 059	203 353	384 796	466 644
Average per farm — dollars	83 727	91 275	87 496	118 965	103 326	117 206	101 502	71 913
Average per acre — dollars	911	790	853	996	792	804	787	739
Farms by value of land and buildings:								
$1 to $19,999	4 415	1 139	6	46	49	110	283	645
$20,000 to $39,999	9 052	2 692	190	163	155	153	416	1 615
$40,000 to $69,999	14 330	3 925	133	209	326	372	975	1 910
$70,000 to $99,999	8 199	2 652	118	172	211	341	790	1 020
$100,000 to $149,999	6 374	2 132	114	202	225	327	566	698
$150,000 to $199,999	2 863	1 108	45	141	102	174	385	261
$200,000 to $499,999	3 181	1 200	45	133	150	235	330	307
$500,000 to $999,999	363	100	5	1	2	19	40	33
$1,000,000 or more	51	14	–	4	–	4	6	–
Owned and rented land by operator:								
Land owned — farms	45 754	13 914	335	801	1 163	1 720	3 785	6 110
acres	3 966 321	1 522 716	25 595	76 215	126 761	218 048	460 953	615 144
Land rented or leased from others — farms	12 515	3 932	547	539	470	616	903	857
acres	837 720	310 393	39 437	56 934	43 129	55 400	69 134	46 359
Land rented or leased to others — farms	6 245	2 002	14	63	102	175	424	1 224
acres	338 229	110 225	667	4 063	6 619	11 891	23 766	63 219
LAND IN FARMS ACCORDING TO USE								
Total cropland — farms	47 088	14 466	643	953	1 195	1 769	3 829	6 077
acres	2 964 880	1 171 179	52 941	98 769	114 805	179 704	338 505	386 455
Harvested cropland — farms	44 155	14 052	578	925	1 142	1 725	3 748	5 934
acres	1 992 289	820 546	41 048	74 142	80 935	124 149	238 566	261 706
Farms by acres harvested:								
1 to 9 acres	6 545	1 501	75	61	74	93	275	923
10 to 29 acres	13 748	3 067	113	123	190	314	754	1 573
30 to 49 acres	8 825	2 784	69	130	208	311	715	1 351
50 to 99 acres	10 373	4 274	129	331	420	570	1 253	1 571
100 to 199 acres	4 212	2 156	169	236	206	379	675	491
200 to 499 acres	452	270	23	44	44	58	76	25
500 acres or more	–	–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only — farms	16 752	4 671	115	257	470	681	1 404	1 744
acres	451 118	159 285	1 748	8 592	15 804	28 517	50 567	54 057
Cover crops, legumes, and soil-improvement grasses not harvested or pastured — farms	6 399	2 317	48	169	169	248	639	1 044
acres	109 194	43 102	1 124	2 881	3 648	5 366	11 906	18 177
On which all crops failed — farms	2 852	987	18	61	111	134	219	444
acres	44 844	15 995	260	1 760	2 017	2 564	3 340	6 054
In cultivated summer fallow — farms	5 297	2 090	37	110	120	255	618	950
acres	90 875	36 598	913	2 578	2 490	5 283	10 971	14 363
Idle — farms	13 072	4 095	203	298	411	520	1 061	1 602
acres	276 560	95 653	7 848	8 816	9 911	13 825	23 155	32 098
Total woodland — farms	25 230	8 159	183	503	726	1 074	2 301	3 372
acres	901 488	335 890	5 661	18 427	28 400	51 657	104 656	127 089
Woodland pastured — farms	6 311	2 098	23	136	173	323	635	808
acres	194 570	84 129	1 402	5 341	6 529	14 664	26 880	29 313
Woodland not pastured — farms	21 059	6 863	169	423	629	880	1 889	2 873
acres	706 918	251 761	4 259	13 086	21 871	36 993	77 776	97 776
Pastureland and rangeland other than cropland and woodland pastured — farms	4 950	1 647	23	98	156	219	418	733
acres	141 361	55 717	665	3 882	5 414	8 994	16 713	20 049
Land in house lots, ponds, roads, wasteland, etc. — farms	37 443	11 406	380	691	900	1 366	2 985	5 084
acres	458 083	160 098	5 098	8 008	14 652	21 202	46 447	64 691
Pastureland, all types — farms	21 895	6 265	141	368	605	885	1 828	2 438
acres	787 049	299 131	3 815	17 815	27 747	52 175	94 160	103 419
Irrigated land — farms	1 058	378	7	34	43	52	109	133
acres	11 032	4 191	131	329	906	622	1 293	910
Harvested cropland irrigated — farms	1 015	366	7	32	42	50	106	129
acres	10 138	3 779	131	278	861	599	1 051	859
Pastureland irrigated — farms	27	9	–	–	1	2	5	1
acres	360	179	–	–	(D)	(D)	159	(D)
Other land irrigated — farms	67	23	–	3	2	3	8	7
acres	534	233	–	51	(D)	(D)	83	(D)
Land set aside in the federal farm programs in 1978 — farms	6 819	2 685	78	165	234	385	846	977
acres	61 807	26 655	1 017	1 839	2 715	4 390	8 677	8 017
RACE AND TENURE OF OPERATOR								
All operators — number	48 990	14 862	661	1 026	1 231	1 817	3 898	6 229
Full owners — number	36 552	10 952	114	488	761	1 203	3 002	5 384
Part owners — number	9 159	2 948	221	310	400	514	782	721
Tenants — number	3 279	962	326	228	70	100	114	124
White — number	48 600	14 774	659	1 022	1 221	1 806	3 870	6 196
Full owners — number	36 287	10 890	114	486	755	1 195	2 985	5 355
Part owners — number	9 051	2 926	220	309	396	511	773	717
Tenants — number	3 262	958	325	227	70	100	112	124
Black and other races — number	390	88	2	4	10	11	28	33
Full owners — number	265	62	–	2	6	8	17	29
Part owners — number	108	22	1	1	4	3	9	4
Tenants — number	17	4	1	1	–	–	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		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	34 128	1 150	5 282	8 916	9 411	6 849	2 520
	percent	69.6	2.3	10.7	18.1	19.2	13.9	5.1
Land in farms	acres	2 742 928	60 781	335 807	716 576	802 728	609 298	217 738
Average size of farm	acres	80	53	64	80	85	89	86
Value of land and buildings[1]	farms	33 866	1 114	5 186	8 891	9 379	6 824	2 472
	$1,000	2 722 585	50 707	376 545	748 010	844 710	540 457	162 155
Average per farm	dollars	80 392	45 517	72 608	84 131	90 063	79 199	65 596
Average per acre	dollars	987	892	1 152	1 037	1 028	884	735
Farms by value of land and buildings:								
$1 to $19,999		3 276	247	618	598	728	602	483
$20,000 to $39,999		6 360	315	1 191	1 241	1 482	1 596	535
$40,000 to $69,999		10 405	406	1 467	3 109	3 016	1 826	581
$70,000 to $99,999		5 547	65	775	1 616	1 534	1 174	383
$100,000 to $149,999		4 242	32	597	1 171	1 356	854	232
$150,000 to $199,999		1 755	37	250	559	465	325	119
$200,000 to $499,999		1 981	12	258	550	607	415	139
$500,000 to $999,999		263	–	30	39	168	26	–
$1,000,000 or more		37	–	–	8	23	6	–
Owned and rented land by operator:								
Land owned	farms	31 840	665	4 630	8 478	8 950	6 700	2 417
	acres	2 443 605	30 735	236 120	589 975	755 303	607 769	223 703
Land rented or leased from others	farms	8 583	684	2 043	2 456	2 108	1 022	270
	acres	527 327	31 939	120 438	177 968	112 625	57 350	27 007
Land rented or leased to others	farms	4 243	36	498	991	1 192	999	527
	acres	228 004	1 893	20 751	51 367	65 200	55 821	32 972
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	32 622	1 084	4 951	8 648	8 955	6 576	2 408
	acres	1 793 701	47 597	242 402	491 378	504 618	377 716	129 990
Harvested cropland	farms	30 103	1 057	4 517	7 919	8 216	6 076	2 318
	acres	1 171 743	38 295	175 331	314 808	329 789	237 352	76 168
Farms by acres harvested:								
1 to 9 acres		5 044	142	846	1 432	1 136	1 003	485
10 to 29 acres		10 681	424	1 602	2 773	3 068	1 996	818
30 to 49 acres		6 041	221	846	1 470	1 679	1 299	526
50 to 99 acres		6 099	198	849	1 557	1 733	1 366	396
100 to 199 acres		2 056	65	343	628	544	389	87
200 to 499 acres		182	7	31	59	56	23	6
500 acres or more		–	–	–	–	–	–	–
Cropland:								
Pasture or grazing only	farms	12 081	215	1 810	3 339	3 537	2 431	749
	acres	291 833	3 066	28 145	96 228	79 943	61 539	22 912
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	4 082	83	573	1 065	1 161	856	344
	acres	66 092	798	7 935	15 061	20 302	14 691	7 305
On which all crops failed	farms	1 865	49	244	556	499	361	156
	acres	28 849	733	4 340	8 079	7 467	5 632	2 598
In cultivated summer fallow	farms	3 207	57	389	784	963	778	236
	acres	54 277	1 391	6 761	12 425	15 578	14 064	4 058
Idle	farms	8 977	217	1 210	2 532	2 503	1 863	652
	acres	180 907	3 314	19 890	44 777	51 539	44 438	16 949
Total woodland	farms	17 071	318	2 295	4 579	4 876	3 713	1 290
	acres	565 598	6 658	56 388	131 616	181 165	140 578	49 193
Woodland pastured	farms	4 213	25	545	1 235	1 243	814	351
	acres	110 441	623	12 982	25 716	32 954	27 583	10 583
Woodland not pastured	farms	14 196	298	1 899	3 706	4 070	3 176	1 047
	acres	455 157	6 035	43 406	105 900	148 211	112 995	38 610
Pastureland and rangeland other than cropland and woodland pastured	farms	3 303	36	361	859	1 088	682	277
	acres	85 644	597	6 788	22 590	25 054	20 602	10 013
Land in house lots, ponds, roads, wasteland, etc.	farms	26 037	662	3 881	6 882	7 436	5 327	1 849
	acres	297 985	5 929	30 229	70 992	91 891	70 402	28 542
Pastureland, all types	farms	15 630	256	2 224	4 305	4 647	3 136	1 062
	acres	487 918	4 286	47 915	144 534	137 951	109 724	43 508
Irrigated land	farms	680	5	93	193	190	151	48
	acres	6 841	40	1 089	2 103	1 825	1 557	227
Harvested cropland irrigated	farms	649	5	90	181	179	148	46
	acres	6 359	40	1 060	2 006	1 636	1 431	186
Pastureland irrigated	farms	18	–	–	7	8	2	1
	acres	181	–	–	59	68	(D)	(D)
Other land irrigated	farms	44	–	8	9	14	9	4
	acres	301	–	29	38	121	(D)	(D)
Land set aside in the federal farm programs in 1978	farms	4 134	82	570	1 118	1 159	965	240
	acres	35 152	761	4 923	9 289	10 008	8 332	1 839
RACE AND TENURE OF OPERATOR								
All operators	number	34 128	1 150	5 282	8 916	9 411	6 849	2 520
Full owners	number	25 600	466	3 242	6 480	7 323	5 837	2 252
Part owners	number	6 211	199	1 384	1 989	1 623	856	160
Tenants	number	2 317	485	656	447	465	156	108
White	number	33 826	1 150	5 205	8 870	9 351	6 751	2 499
Full owners	number	25 397	466	3 230	6 448	7 268	5 749	2 236
Part owners	number	6 125	199	1 320	1 982	1 619	848	157
Tenants	number	2 304	485	655	440	464	154	106
Black and other races	number	302	–	77	46	60	98	21
Full owners	number	203	–	12	32	55	88	16
Part owners	number	86	–	64	7	4	8	3
Tenants	number	13	–	1	7	1	2	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	45 818	13 743	612	909	1 066	1 662	3 635	5 859
acres	4 079 591	1 568 349	58 568	112 681	142 224	238 863	467 353	548 660
Partnership—farms	2 851	1 057	47	109	154	139	249	359
acres	325 612	147 090	(D)	15 392	(D)	20 348	37 624	48 415
Corporations:								
Family held—farms	203	35	1	3	9	14	4	4
acres	45 130	4 916	(D)	581	1 050	(D)	638	(D)
More than 10 stockholders—farms	1	–	–	–	–	–	–	–
10 or less stockholders—farms	202	35	1	3	9	14	4	4
Other than family held—farms	14	1	–	–	–	–	–	1
acres	1 542	(D)	–	–	–	–	–	(D)
More than 10 stockholders—farms	1	–	–	–	–	–	–	–
10 or less stockholders—farms	13	1	–	–	–	–	–	1
Other—cooperative, estate or trust, etc.—farms	104	26	1	5	2	2	10	6
acres	13 937	(D)	(D)	432	(D)	(D)	706	856
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	39 747	12 073	424	688	875	1 423	3 269	5 394
Not on farm operated	5 379	1 452	200	258	230	203	252	309
Operators by age group:								
Under 25 years	1 811	661	661	–	–	–	–	–
25 to 34 years	6 308	1 026	–	1 026	–	–	–	–
35 to 44 years	10 147	1 231	–	–	1 231	–	–	–
45 to 54 years	11 228	1 817	–	–	–	1 817	–	–
55 to 64 years	10 747	3 898	–	–	–	–	3 898	–
65 years and over	8 749	6 229	–	–	–	–	–	6 229
Average age	50.0	58.2	21.3	29.6	39.5	50.0	59.9	71.9
Operators by sex:								
Male	46 682	13 775	656	969	1 119	1 641	3 652	5 738
Female	2 308	1 087	5	57	112	176	246	491
Operators of Spanish origin	248	41	3	3	5	10	7	13
Operators by principal occupation:								
Farming	14 862	14 862	661	1 026	1 231	1 817	3 898	6 229
Other	34 128	–	–	–	–	–	–	–
Operators reporting days of work off farm:								
None	12 582	9 590	339	383	456	894	2 483	5 035
1 to 99 days	2 997	1 858	97	215	207	300	584	455
100 to 199 days	4 221	918	69	167	172	189	235	86
200 days or more	27 838	1 144	137	197	284	251	213	62
FARMS BY SIZE								
1 to 9 acres	3 221	685	82	91	35	53	132	292
10 to 49 acres	15 931	3 328	148	161	213	284	700	1 822
50 to 69 acres	4 595	1 157	55	73	92	132	276	529
70 to 99 acres	8 928	2 756	70	146	238	294	746	1 262
100 to 139 acres	6 608	2 458	115	221	243	313	647	919
140 to 179 acres	3 938	1 716	57	124	127	233	513	662
180 to 219 acres	2 181	998	82	62	81	156	326	291
220 to 259 acres	1 247	627	22	49	58	115	198	185
260 to 499 acres	1 980	979	27	83	127	203	304	235
500 to 999 acres	342	150	3	16	17	33	51	30
1,000 to 1,999 acres	19	8	–	–	–	1	5	2
2,000 acres or more	–	–	–	–	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	18 042	5 919	385	458	385	697	1 577	2 417
Field crop, except cash grain farms (013)	6 588	1 715	33	89	201	184	405	803
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	6 588	1 715	33	89	201	184	405	803
Vegetable and melon farms (016)	1 418	462	12	26	40	52	140	192
Fruit and tree nut farms (017)	2 781	916	10	35	58	93	221	499
Horticultural specialty farms (018)	831	234	3	15	24	31	84	77
General farms, primarily crop (019)	2 703	795	6	30	38	82	177	462
Livestock farms, except dairy, poultry, and animal specialty (021)	12 829	3 393	128	246	308	452	910	1 349
Beef cattle farms, except feedlots (0212)	4 932	1 364	21	73	119	206	381	564
Dairy farms (024)	1 120	817	19	75	109	159	260	195
Poultry and egg farms (025)	320	133	–	2	9	9	16	97
Animal specialty farms (027)	1 700	294	63	31	40	32	61	67
General farms, primarily livestock (029)	658	184	2	19	19	26	47	71
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold—farms	48 990	14 862	661	1 026	1 231	1 817	3 898	6 229
$1,000	251 210	105 931	4 554	9 808	10 148	16 190	32 017	33 213
Farms by value of agricultural products sold:								
$15,000 or more	3 380	1 923	83	249	199	363	646	383
$10,000 to $14,999	5 319	2 558	90	247	263	425	836	697
$5,000 to $9,999	9 913	3 704	182	245	309	431	989	1 548
$2,500 to $4,999	9 963	2 781	144	125	207	303	660	1 342
Less than $2,500	20 415	3 896	162	160	253	295	767	2 259
$2,000 to $2,499	2 928	817	8	27	98	60	115	509
$1,500 to $1,999	3 716	588	12	29	34	49	131	333
$1,000 to $1,499	4 393	737	64	37	48	69	191	328
Less than $1,000	9 378	1 754	78	67	73	117	330	1 089

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	32 075	945	4 978	8 464	8 878	6 463	2 347
acres	2 511 242	50 986	305 278	667 876	717 676	569 643	199 783
Partnership—farms	1 794	196	277	411	403	349	158
acres	178 522	9 212	28 287	40 388	48 459	35 338	16 838
Corporations:							
Family held—farms	168	2	6	16	113	22	9
acres	40 214	(D)	(D)	3 306	33 126	2 601	615
More than 10 stockholders—farms	1	–	–	1	–	–	–
10 or less stockholders—farms	167	2	6	15	113	22	9
Other than family held—farms	13	1	5	–	5	2	–
acres	(D)	(D)	(D)	–	624	(D)	–
More than 10 stockholders—farms	1	–	1	–	–	–	–
10 or less stockholders—farms	12	1	4	–	5	2	–
Other—cooperative, estate or trust, etc.—farms	78	6	16	25	12	13	6
acres	(D)	93	1 305	5 006	2 843	(D)	502
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	27 674	787	4 199	7 295	7 757	5 598	2 038
Not on farm operated	3 927	305	763	914	949	736	260
Operators by age group:							
Under 25 years	1 150	1 150	–	–	–	–	–
25 to 34 years	5 282	–	5 282	–	–	–	–
35 to 44 years	8 916	–	–	8 916	–	–	–
45 to 54 years	9 411	–	–	–	9 411	–	–
55 to 64 years	6 849	–	–	–	–	6 849	–
65 years and over	2 520	–	–	–	–	–	2 520
Average age	46.4	21.9	30.5	39.3	49.4	59.0	71.2
Operators by sex:							
Male	32 907	1 132	5 089	8 718	9 074	6 604	2 290
Female	1 221	18	193	198	337	245	230
Operators of Spanish origin	207	1	12	79	29	79	7
Operators by principal occupation:							
Farming	–	–	–	–	–	–	–
Other	34 128	1 150	5 282	8 916	9 411	6 849	2 520
Operators reporting days of work off farm:							
None	2 992	26	127	302	402	728	1 407
1 to 99 days	1 139	45	91	204	200	332	267
100 to 199 days	3 303	91	454	943	726	768	321
200 days or more	26 694	988	4 610	7 467	8 083	5 021	525
FARMS BY SIZE							
1 to 9 acres	2 536	139	599	513	677	481	127
10 to 49 acres	12 603	536	2 430	3 417	3 350	2 034	836
50 to 69 acres	3 438	113	479	870	926	799	251
70 to 99 acres	6 172	170	678	1 776	1 720	1 360	468
100 to 139 acres	4 150	124	498	1 068	1 147	897	416
140 to 179 acres	2 222	31	282	514	644	552	199
180 to 219 acres	1 183	18	151	309	321	291	93
220 to 259 acres	620	10	69	148	189	156	48
260 to 499 acres	1 001	9	83	209	383	247	70
500 to 999 acres	192	–	13	88	48	31	12
1,000 to 1,999 acres	11	–	–	4	6	1	–
2,000 acres or more	–	–	–	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	12 123	671	2 026	2 942	3 262	2 356	866
Field crop, except cash grain farms (013)	4 873	167	728	1 295	1 264	976	443
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	4 873	167	728	1 295	1 264	976	443
Vegetable and melon farms (016)	956	14	121	290	261	199	71
Fruit and tree nut farms (017)	1 865	12	196	511	474	448	224
Horticultural specialty farms (018)	597	9	54	83	189	212	50
General farms, primarily crop (019)	1 908	24	309	606	500	305	164
Livestock farms, except dairy, poultry, and animal specialty (021)	9 436	191	1 480	2 481	2 879	1 856	549
Beef cattle farms, except feedlots (0212)	3 568	40	451	815	1 051	906	305
Dairy farms (024)	303	10	39	73	88	68	25
Poultry and egg farms (025)	187	1	30	50	44	39	23
Animal specialty farms (027)	1 406	13	203	513	384	207	86
General farms, primarily livestock (029)	474	38	96	72	66	183	19
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold—farms	34 128	1 150	5 282	8 916	9 411	6 849	2 520
$1,000	145 280	4 519	21 439	39 142	40 956	29 900	9 325
Farms by value of agricultural products sold:							
$15,000 or more	1 457	42	215	402	449	282	67
$10,000 to $14,999	2 761	73	417	843	730	563	135
$5,000 to $9,999	6 209	189	919	1 577	1 701	1 368	455
$2,500 to $4,999	7 182	259	942	1 754	2 154	1 567	506
Less than $2,500	16 519	587	2 789	4 340	4 377	3 069	1 357
$2,000 to $2,499	2 111	76	262	589	528	484	172
$1,500 to $1,999	3 128	95	497	765	933	525	313
$1,000 to $1,499	3 656	164	673	843	1 010	644	322
Less than $1,000	7 624	252	1 357	2 143	1 906	1 416	550

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 PRODUCTS SOLD—Con.									
Market value of agricultural products sold—Con.									
Grain	farms	24 624	8 656	452	624	612	1 082	2 394	3 492
	$1,000	114 656	47 980	2 912	5 100	3 563	6 808	14 351	15 246
Sales of $5,000 or more	farms	8 499	3 732	247	383	286	525	1 121	1 170
	$1,000	82 090	37 427	2 394	4 504	2 789	5 549	11 634	10 559
Commodity Credit Corporation loans	farms	1 503	566	19	37	60	73	157	220
	$1,000	2 588	1 088	73	117	173	175	276	274
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	12 488	3 942	69	238	354	486	1 080	1 715
	$1,000	28 535	10 032	222	858	1 086	1 379	2 811	3 677
Sales of $5,000 or more	farms	1 415	534	17	57	58	81	154	167
	$1,000	11 177	4 381	129	496	519	664	1 220	1 352
Vegetables, sweet corn, and melons	farms	2 527	918	14	50	74	108	299	373
	$1,000	8 820	3 906	120	263	491	571	1 245	1 216
Sales of $5,000 or more	farms	675	311	11	21	42	48	98	91
	$1,000	6 164	2 984	115	203	439	459	976	793
Fruits, nuts, and berries	farms	3 270	1 149	13	53	75	127	291	590
	$1,000	13 851	6 392	110	317	557	971	1 863	2 574
Sales of $5,000 or more	farms	1 018	494	9	29	44	74	138	200
	$1,000	10 379	5 253	98	284	495	871	1 570	1 935
Nursery and greenhouse products	farms	1 044	307	3	24	30	40	112	98
	$1,000	4 258	1 657	22	132	222	235	604	441
Sales of $5,000 or more	farms	317	132	3	7	18	25	44	35
	$1,000	2 976	1 339	22	105	199	205	505	303
Other crops	farms	608	346	83	21	15	66	94	67
	$1,000	2 207	1 304	207	100	75	317	387	218
Sales of $5,000 or more	farms	175	98	14	10	8	19	31	16
	$1,000	1 433	829	115	73	64	187	261	129
Poultry and poultry products	farms	2 947	723	7	54	71	92	199	300
	$1,000	1 420	691	2	41	54	115	203	276
Sales of $5,000 or more	farms	47	28	–	2	1	6	9	10
	$1,000	436	264	–	(D)	(D)	64	87	85
Dairy products	farms	1 614	1 124	26	106	140	208	343	301
	$1,000	11 473	8 758	207	900	1 180	1 758	2 782	1 931
Sales of $5,000 or more	farms	957	733	18	75	99	153	230	158
	$1,000	10 009	7 799	180	823	1 083	1 636	2 491	1 585
Cattle and calves	farms	14 473	4 940	157	327	461	741	1 481	1 773
	$1,000	40 447	16 742	383	977	1 576	2 628	5 635	5 543
Sales of $5,000 or more	farms	2 358	1 089	24	62	98	177	400	328
	$1,000	19 308	9 352	214	513	884	1 569	3 475	2 698
Hogs and pigs	farms	6 406	1 732	118	227	283	246	413	445
	$1,000	16 905	5 913	286	860	1 033	1 015	1 495	1 225
Sales of $5,000 or more	farms	1 002	397	17	61	71	79	98	71
	$1,000	9 107	3 702	156	594	684	718	928	621
Sheep, lambs, and wool	farms	2 051	559	5	31	40	54	134	295
	$1,000	2 370	1 054	18	62	49	143	292	489
Sales of $5,000 or more	farms	85	50	1	4	1	10	15	19
	$1,000	654	389	(D)	(D)	(D)	92	110	135
Other livestock and livestock products (see text)	farms	3 408	631	71	68	101	82	127	182
	$1,000	6 267	1 502	65	200	262	248	348	378
Sales of $5,000 or more	farms	333	103	1	15	23	17	21	26
	$1,000	3 030	986	(D)	(D)	188	165	233	239
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	14 494	3 785	226	443	379	488	961	1 288
	$1,000	17 023	6 045	464	798	700	1 160	1 361	1 563
Farms with expenses of—									
$1 to $499		7 513	1 693	19	174	171	198	453	678
$500 to $2,499		5 237	1 342	124	155	106	151	328	478
$2,500 to $4,999		1 092	413	64	80	51	58	95	65
$5,000 or more		652	337	19	34	51	81	85	67
Feed for livestock and poultry	farms	22 022	5 989	258	547	598	746	1 604	2 236
	$1,000	20 497	7 138	396	885	1 034	1 112	1 906	1 806
Farms with expenses of—									
$1 to $499		10 948	2 584	37	107	205	285	670	1 280
$500 to $2,499		9 170	2 633	191	324	243	317	749	809
$2,500 to $4,999		1 383	507	25	68	102	110	112	90
$5,000 or more		521	265	5	48	48	34	73	57
Commercially mixed formula feeds	farms	9 329	2 392	141	269	281	322	631	748
	tons	47 878	14 304	647	1 867	2 322	2 825	3 183	3 459
	$1,000	7 758	2 414	147	359	330	425	577	578
Farms by tons purchased:									
1 to 49 tons		8 238	2 060	125	226	232	248	564	665
50 to 99 tons		1 031	310	16	43	37	69	62	83
100 tons or more		60	22	–	–	12	5	5	–
Farms with expenses of—									
$1 to $499		5 052	873	30	42	120	81	236	364
$500 to $2,499		3 546	1 301	101	185	124	198	361	332
$2,500 to $4,999		533	161	5	33	23	37	18	45
$5,000 or more		198	57	5	9	14	6	16	7

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	farms	15 968	742	2 490	4 063	4 368	3 163	1 142
	$1,000	66 676	2 801	10 396	17 633	18 690	13 321	3 836
Sales of $5,000 or more	farms	4 767	193	791	1 288	1 330	922	243
	$1,000	44 663	1 745	7 334	12 213	12 452	8 738	2 181
Commodity Credit Corporation loans	farms	937	22	134	258	260	198	65
	$1,000	1 500	23	237	517	396	262	66
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	8 546	223	1 249	2 342	2 288	1 771	673
	$1,000	18 503	504	2 350	5 221	5 053	3 865	1 510
Sales of $5,000 or more	farms	881	8	109	270	236	183	75
	$1,000	6 796	50	827	2 141	1 875	1 340	565
Vegetables, sweet corn, and melons	farms	1 609	22	247	472	453	308	107
	$1,000	4 915	69	707	1 343	1 454	1 010	332
Sales of $5,000 or more	farms	364	6	63	80	120	68	27
	$1,000	3 180	46	511	744	1 072	602	206
Fruits, nuts, and berries	farms	2 121	12	234	571	524	548	232
	$1,000	7 460	58	875	1 802	2 033	1 904	788
Sales of $5,000 or more	farms	524	5	60	135	149	128	47
	$1,000	5 126	43	652	1 274	1 423	1 242	492
Nursery and greenhouse products	farms	737	11	120	110	211	231	54
	$1,000	2 601	68	325	488	711	779	229
Sales of $5,000 or more	farms	185	6	27	41	46	50	15
	$1,000	1 636	54	245	346	430	425	136
Other crops	farms	262	9	45	63	72	54	19
	$1,000	903	50	174	247	219	185	27
Sales of $5,000 or more	farms	77	5	16	22	18	15	1
	$1,000	604	(D)	112	169	133	139	(D)
Poultry and poultry products	farms	2 224	22	388	783	629	248	154
	$1,000	729	7	104	196	185	155	83
Sales of $5,000 or more	farms	19	–	2	3	7	4	3
	$1,000	172	–	(D)	32	58	48	(D)
Dairy products	farms	490	12	69	121	138	104	46
	$1,000	2 715	103	384	621	816	592	199
Sales of $5,000 or more	farms	224	8	31	55	66	48	16
	$1,000	2 210	96	319	509	688	455	144
Cattle and calves	farms	9 533	111	1 381	2 496	2 845	2 064	636
	$1,000	23 706	227	2 985	6 040	7 606	5 302	1 546
Sales of $5,000 or more	farms	1 269	10	147	312	419	301	80
	$1,000	9 956	70	1 083	2 440	3 303	2 403	657
Hogs and pigs	farms	4 674	253	863	1 607	1 211	538	202
	$1,000	10 992	555	2 297	3 436	2 662	1 662	380
Sales of $5,000 or more	farms	605	29	124	199	138	88	27
	$1,000	5 405	296	1 102	1 804	1 225	770	210
Sheep, lambs, and wool	farms	1 492	15	240	555	408	187	87
	$1,000	1 316	17	138	384	394	274	110
Sales of $5,000 or more	farms	35	1	2	5	13	10	4
	$1,000	265	(D)	(D)	58	97	66	24
Other livestock and livestock products (see text)	farms	2 777	25	470	1 001	767	369	145
	$1,000	4 765	61	704	1 732	1 135	849	285
Sales of $5,000 or more	farms	230	5	33	78	57	42	15
	$1,000	2 045	41	276	710	470	409	139
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased	farms	10 709	380	2 243	3 275	2 636	1 623	552
	$1,000	10 978	358	2 208	3 102	2 557	2 449	304
Farms with expenses of—								
$1 to $499		5 820	244	1 214	1 794	1 273	898	397
$500 to $2,499		3 895	113	828	1 161	1 111	541	141
$2,500 to $4,999		679	6	122	230	191	122	8
$5,000 or more		315	17	79	90	61	62	6
Feed for livestock and poultry	farms	16 033	508	2 812	4 556	4 485	2 861	811
	$1,000	13 359	337	2 856	3 701	3 565	2 303	596
Farms with expenses of—								
$1 to $499		8 364	370	1 431	2 434	2 306	1 459	364
$500 to $2,499		6 537	123	1 115	1 768	1 910	1 204	417
$2,500 to $4,999		876	7	165	276	237	169	22
$5,000 or more		256	8	101	78	32	29	8
Commercially mixed formula feeds	farms	6 937	307	1 441	1 868	2 009	1 017	295
	tons	33 575	898	9 703	7 893	8 466	5 335	1 279
	$1,000	5 343	105	1 503	1 283	1 506	731	214
Farms by tons purchased:								
1 to 49 tons		6 178	267	1 231	1 631	1 907	862	280
50 to 99 tons		721	40	192	219	102	153	15
100 tons or more		38	–	18	18	–	2	–
Farms with expenses of—								
$1 to $499		4 179	238	915	1 271	1 059	585	111
$500 to $2,499		2 245	68	351	455	831	360	180
$2,500 to $4,999		372	1	98	97	104	69	3
$5,000 or more		141	–	77	45	15	3	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						
				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	16 207	4 733	234	412	497	703	1 260	1 627
	$1,000	2 450	704	44	59	91	123	202	185
Farms with expenses of—									
$1 to $99		8 619	2 395	93	202	179	367	553	1 001
$100 to $999		6 764	2 113	121	190	280	278	651	593
$1,000 to $4,999		611	177	10	19	35	42	43	28
$5,000 or more		213	48	10	1	3	16	13	5
Seeds, bulbs, plants, and trees	farms	31 759	10 850	558	856	854	1 308	2 776	4 498
	$1,000	15 601	6 349	346	828	614	965	1 644	1 951
Farms with expenses of—									
$1 to $99		6 094	1 592	85	35	62	92	264	1 054
$100 to $999		14 910	4 801	210	228	364	578	1 341	2 080
$1,000 to $4,999		6 774	2 583	162	265	219	293	678	966
$5,000 or more		3 981	1 874	101	328	209	345	493	398
Commercial fertilizer	farms	33 755	11 696	550	892	867	1 462	3 032	4 893
	$1,000	34 688	14 414	1 017	1 740	1 170	2 232	4 147	4 108
Farms with expenses of—									
$1 to $499		14 213	3 963	101	133	223	408	810	2 288
$500 to $999		7 689	2 762	113	160	220	403	680	1 186
$1,000 to $2,499		8 452	3 368	169	301	332	353	1 069	1 144
$2,500 or more		3 401	1 603	167	298	92	298	473	275
Other agricultural chemicals including lime	farms	29 147	9 853	470	903	772	1 208	2 524	3 976
	$1,000	11 843	4 780	265	606	499	755	1 220	1 435
Farms with expenses of—									
$1 to $499		21 336	6 593	267	446	424	691	1 685	3 080
$500 to $999		5 050	2 083	156	315	178	249	538	647
$1,000 to $2,499		2 399	1 024	31	107	149	245	276	216
$2,500 or more		362	153	16	35	21	23	25	33
Energy and petroleum products	farms	48 500	14 900	642	1 071	1 216	1 735	3 786	6 450
	$1,000	31 479	12 607	517	1 087	1 233	2 004	3 551	4 216
Farms with expenses of—									
$1 to $499		25 529	5 988	311	355	407	459	1 198	3 258
$500 to $999		13 340	4 208	87	256	281	455	1 239	1 890
$1,000 to $2,499		8 776	4 211	226	414	473	701	1 193	1 204
$2,500 or more		855	493	18	46	55	120	156	98
Petroleum products	farms	48 465	14 895	642	1 071	1 216	1 735	3 786	6 445
	$1,000	24 905	10 079	449	913	974	1 594	2 817	3 333
Gasoline	farms	45 460	14 134	528	998	1 147	1 648	3 617	6 196
	$1,000	16 782	6 752	238	506	615	1 057	1 939	2 397
Diesel fuel	farms	15 491	5 336	401	596	535	772	1 425	1 607
	$1,000	4 392	1 896	149	296	220	301	521	408
LP gas, butane, and propane	farms	1 927	761	41	75	72	145	168	260
	$1,000	465	203	19	13	16	41	42	71
Fuel oil	farms	2 888	1 140	27	50	178	242	258	385
	$1,000	619	246	5	7	33	52	62	87
Natural gas	farms	547	197	5	21	4	34	31	102
	$1,000	174	77	1	4	(Z)	12	8	52
Kerosene, motor oil, and grease	farms	48 465	14 895	642	1 071	1 216	1 735	3 786	6 445
	$1,000	2 472	905	36	87	90	130	246	317
Electricity	farms	29 133	10 005	291	636	860	1 307	2 639	4 272
	$1,000	6 248	2 386	64	168	240	394	698	822
Other—coal, wood, coke, etc.	farms	1 486	590	5	17	58	52	155	303
	$1,000	326	142	5	7	18	15	36	61
Hired farm labor	farms	10 933	3 784	127	246	420	607	1 074	1 310
	$1,000	9 057	3 689	121	178	358	720	994	1 318
Farms with expenses of—									
$1 to $499		5 979	1 999	62	143	261	289	568	676
$500 to $2,499		4 099	1 419	49	92	122	244	403	509
$2,500 to $4,999		733	274	16	11	31	43	81	92
$5,000 or more		122	92	–	–	6	31	22	33
Workers by number of days worked:									
150 days or more	farms	1 063	447	10	19	66	85	121	146
	workers	1 513	603	19	20	90	113	147	214
Less than 150 days	farms	10 349	3 581	124	241	381	564	1 020	1 251
	workers	36 279	13 469	432	1 150	1 732	1 713	3 357	5 085
Contract labor	farms	1 840	634	19	38	57	110	124	286
	$1,000	1 832	696	22	80	75	165	96	258
Farms with expenses of—									
$1 to $499		915	306	10	16	25	30	70	155
$500 to $999		315	87	4	6	2	23	22	30
$1,000 to $2,499		437	161	–	–	16	34	25	86
$2,500 or more		173	80	5	16	14	23	7	15
Customwork, machine hire, and rental of machinery and equipment	farms	17 800	5 803	141	458	445	599	1 543	2 617
	$1,000	9 438	3 456	141	351	299	402	939	1 323
Farms with expenses of—									
$1 to $499		11 965	3 646	56	259	256	352	908	1 815
$536to $999		3 115	1 040	32	75	87	127	335	384
$1,000 to $2,499		2 262	927	35	103	81	91	253	364
$2,500 or more		458	190	18	21	21	29	47	54
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms	2 719	1 178	116	154	154	152	296	306
	$1,000	2 778	1 610	444	278	197	226	298	167
Value of agricultural products sold directly to individuals for human consumption	farms	5 132	1 451	25	114	111	167	434	600
	$1,000	7 504	3 033	77	231	217	504	918	1 087

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—farms	11 474	270	2 130	3 319	3 139	2 113	503
$1,000	1 745	32	322	547	419	333	93
Farms with expenses of—							
$1 to $99	6 224	127	1 049	1 739	1 737	1 296	276
$100 to $999	4 651	133	946	1 374	1 251	744	203
$1,000 to $4,999	434	10	114	129	126	43	12
$5,000 or more	165	–	21	77	25	30	12
Seeds, bulbs, plants, and trees—farms	20 909	722	3 161	5 351	5 903	4 333	1 439
$1,000	9 253	277	1 339	2 409	2 860	1 681	686
Farms with expenses of—							
$1 to $99	4 502	209	705	1 186	1 186	926	290
$100 to $999	10 109	323	1 522	2 520	2 795	2 178	771
$1,000 to $4,999	4 191	130	559	1 068	1 306	918	210
$5,000 or more	2 107	60	375	577	616	311	168
Commercial fertilizer—farms	22 059	779	3 338	5 750	6 156	4 576	1 460
$1,000	20 274	627	3 083	5 362	6 115	3 924	1 163
Farms with expenses of—							
$1 to $499	10 250	396	1 569	2 639	2 720	2 187	739
$500 to $999	4 927	136	796	1 278	1 297	1 075	345
$1,000 to $2,499	5 084	202	695	1 307	1 593	1 001	286
$2,500 or more	1 798	45	278	526	546	313	90
Other agricultural chemicals including lime—farms	19 294	646	2 793	5 058	5 507	3 951	1 339
$1,000	7 063	213	958	2 035	2 080	1 367	410
Farms with expenses of—							
$1 to $499	14 743	512	2 191	3 706	4 187	3 083	1 064
$500 to $999	2 967	100	364	872	833	587	211
$1,000 to $2,499	1 375	34	212	366	443	261	59
$2,500 or more	209	–	26	114	44	20	5
Energy and petroleum products—farms	33 600	1 101	5 153	8 843	9 279	6 779	2 445
$1,000	18 872	454	2 663	4 788	5 700	3 887	1 380
Farms with expenses of—							
$1 to $499	19 541	790	3 264	5 224	5 185	3 642	1 436
$500 to $999	9 132	267	1 133	2 345	2 555	2 196	636
$1,000 to $2,499	4 565	44	728	1 195	1 392	871	335
$2,500 or more	362	–	28	79	147	70	38
Petroleum products—farms	33 570	1 101	5 149	8 837	9 261	6 777	2 445
$1,000	14 826	366	2 153	3 774	4 417	3 034	1 081
Gasoline—farms	31 326	878	4 761	8 282	8 643	6 438	2 324
$1,000	10 030	209	1 415	2 570	2 960	2 124	753
Diesel fuel—farms	10 155	486	1 684	2 586	2 965	1 874	560
$1,000	2 496	107	381	617	741	494	154
LP gas, butane, and propane—farms	1 166	16	246	278	317	245	64
$1,000	262	5	40	54	109	40	13
Fuel oil—farms	1 748	6	284	521	520	275	142
$1,000	374	(Z)	51	102	135	51	35
Natural gas—farms	350	6	31	54	116	117	26
$1,000	97	3	18	15	31	22	8
Kerosene, motor oil, and grease—farms	33 570	1 101	5 149	8 837	9 261	6 777	2 445
$1,000	1 567	41	248	416	440	303	118
Electricity—farms	19 128	379	2 645	4 988	5 596	4 240	1 280
$1,000	3 862	84	493	977	1 235	805	267
Other—coal, wood, coke, etc.—farms	896	7	94	242	235	214	104
$1,000	184	4	16	37	48	48	32
Hired farm labor—farms	7 149	148	907	2 058	2 094	1 488	454
$1,000	5 368	89	564	1 605	1 641	1 064	405
Farms with expenses of—							
$1 to $499	3 980	107	591	1 130	1 068	849	235
$500 to $2,499	2 680	35	246	779	890	574	156
$2,500 to $4,999	459	6	70	141	125	54	63
$5,000 or more	30	–	–	8	11	11	–
Workers by number of days worked:							
150 days or more—farms	616	1	64	208	183	102	58
workers	910	(D)	106	326	274	134	(D)
Less than 150 days—farms	6 768	147	865	1 940	1 964	1 431	421
workers	22 810	273	3 020	6 251	7 124	4 702	1 440
Contract labor—farms	1 206	21	162	381	332	208	102
$1,000	1 136	18	148	244	362	279	85
Farms with expenses of—							
$1 to $499	609	10	84	236	167	67	45
$500 to $999	228	1	15	61	56	62	33
$1,000 to $2,499	276	10	50	74	70	53	19
$2,500 or more	93	–	13	10	39	26	5
Customwork, machine hire, and rental of machinery and equipment—farms	11 997	397	2 002	3 132	3 167	2 415	884
$1,000	5 982	169	828	1 617	1 579	1 249	540
Farms with expenses of—							
$1 to $499	8 319	291	1 496	2 129	2 196	1 650	557
$500 to $999	2 075	66	262	601	523	450	173
$1,000 to $2,499	1 335	29	236	321	380	253	116
$2,500 or more	268	11	8	81	68	62	38
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services—farms	1 541	89	319	499	369	208	57
$1,000	1 168	57	263	410	245	160	32
Value of agricultural products sold directly to individuals for human consumption—farms	3 681	49	844	1 112	996	527	153
$1,000	4 471	44	589	1 518	1 300	834	186

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 ---farms--	48 728	14 947	646	1 071	1 220	1 735	3 786	6 489
$1,000--	683 880	252 067	9 829	23 178	24 279	37 341	71 613	85 826
Farms by value group:								
$1 to $4,999	8 529	1 950	148	147	115	83	330	1 127
$5,000 to $9,999	17 892	4 784	159	264	293	457	1 055	2 556
$10,000 to $19,999	11 689	3 931	158	231	358	472	1 141	1 571
$20,000 to $49,999	8 404	3 304	128	315	349	579	956	977
$50,000 to $99,999	1 995	868	53	95	88	120	267	245
$100,000 to $199,999	196	95	–	14	17	19	37	8
$200,000 to $499,999	23	15	–	5	–	5	–	5
$500,000 or more	–	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---farms--	29 963	10 529	339	674	903	1 389	2 813	4 411
number--	40 155	13 257	462	896	1 167	1 950	3 539	5 243
Motortrucks, including pickups ---farms--	37 177	11 442	544	917	962	1 498	3 004	4 517
number--	46 222	14 810	664	1 158	1 402	2 118	3 998	5 470
Wheel tractors ---farms--	43 964	13 668	462	914	1 121	1 629	3 558	5 984
number--	87 349	30 333	874	2 129	2 603	4 022	8 615	12 090
2 or 3 ---farms--	23 883	8 283	187	519	653	1 098	2 363	3 463
number--	55 161	19 552	448	1 266	1 539	2 683	5 610	8 006
4 or more ---farms--	3 541	1 550	43	132	176	230	518	451
number--	15 648	6 946	194	600	772	1 038	2 328	2 014
Grain and bean combines, self-propelled only ---farms--	8 559	3 348	85	246	333	492	1 081	1 111
number--	8 872	3 512	90	251	366	514	1 132	1 159
Cornpickers, corn heads, and picker-shellers ---farms--	14 724	5 031	118	456	503	752	1 322	1 880
number--	16 745	5 777	153	509	593	896	1 495	2 131
Corn heads for combines ---farms--	3 683	1 299	57	166	176	186	319	395
number--	3 880	1 426	62	197	186	211	325	445
Other cornpickers and picker-shellers ---farms--	12 334	4 158	91	307	380	627	1 113	1 640
number--	12 865	4 351	91	312	407	685	1 170	1 686
Cottonpickers ---farms--	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–
Mower conditioners ---farms--	11 675	3 832	108	304	362	563	1 053	1 442
number--	12 523	3 985	123	331	372	573	1 104	1 482
Pickup balers ---farms--	15 659	5 502	122	350	469	838	1 501	2 222
number--	16 033	5 638	122	365	474	863	1 564	2 250
Field forage harvesters, shear bar or flywheel type ---farms--	4 228	1 615	45	147	147	276	501	499
number--	4 738	1 801	59	183	160	287	570	542
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---farms--	37 004	12 448	572	1 002	943	1 522	3 182	5 227
$1,000--	46 531	19 194	1 282	2 346	1 669	2 987	5 366	5 543
Commercial fertilizer ---farms--	32 766	11 417	490	885	850	1 435	2 966	4 791
acres on which used--	1 376 638	586 627	41 633	65 421	48 695	87 289	166 704	176 885
Lime ---farms--	4 553	1 588	44	178	145	204	407	610
acres on which used--	81 124	28 573	1 032	4 161	2 723	5 059	7 617	7 981
tons--	180 983	58 080	1 927	5 936	6 563	11 355	15 764	16 535
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---farms--	9 956	3 532	114	360	235	466	857	1 500
acres on which used--	303 759	129 912	6 821	16 497	10 189	23 704	35 056	37 645
Nematodes in crops ---farms--	1 112	450	23	100	56	10	91	170
acres on which used--	38 532	16 849	1 200	5 528	2 070	965	3 698	3 388
Diseases in crops and orchards ---farms--	4 492	1 676	36	94	130	228	419	769
acres on which used--	72 317	33 168	987	2 472	3 979	4 186	9 242	12 302
Weeds, grass, or brush in crops and pasture ---farms--	20 033	6 653	372	667	605	836	1 801	2 372
acres on which used--	795 260	328 462	25 814	44 165	31 242	50 141	90 552	86 548
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---farms--	998	376	10	78	51	41	73	123
acres on which used--	19 700	10 328	147	3 938	1 481	878	1 446	2 438
Insect control on livestock and poultry ---farms--	6 475	1 994	73	191	271	251	528	680
Sanitation and rodent and bird control ---farms--	4 745	1 469	16	153	198	159	372	571
LIVESTOCK								
Cattle and calves inventory ---farms--	18 421	5 581	104	400	549	807	1 588	2 133
number--	282 094	120 071	2 440	9 761	14 216	20 804	38 257	34 593
Farms with—								
1 to 9	8 972	1 810	28	93	162	197	423	907
10 to 49	8 648	3 304	66	265	311	523	1 001	1 138
50 to 99	697	399	10	33	64	73	140	79
100 to 199	93	59	–	8	10	12	21	8
200 to 499	11	9	–	1	2	2	3	1
500 or more	–	–	–	–	–	–	–	–
Cows and heifers that had calved ---farms--	13 029	4 184	65	252	450	625	1 191	1 601
number--	113 797	50 188	790	3 818	6 032	9 101	16 170	14 277
Beef cows ---farms--	9 797	2 703	30	136	301	408	809	1 019
number--	87 738	32 571	347	1 886	3 737	5 808	10 854	9 939
Farms with—								
1 to 9	6 709	1 556	19	74	173	201	429	660
10 to 49	2 987	1 087	9	55	124	190	360	349
50 to 99	91	51	2	7	2	14	17	9
100 to 199	7	7	–	–	2	3	2	–
200 to 499	3	2	–	–	–	–	1	1
500 or more	–	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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	33 781	1 106	5 167	8 862	9 375	6 809	2 462
$1,000	431 813	9 526	60 947	115 719	132 254	89 316	24 052
Farms by value group:							
$1 to $4,999	6 579	402	1 039	1 499	1 761	1 282	596
$5,000 to $9,999	13 108	422	2 140	3 394	3 538	2 566	1 048
$10,000 to $19,999	7 758	176	1 151	2 253	2 089	1 575	514
$20,000 to $49,999	5 100	85	716	1 410	1 462	1 168	259
$50,000 to $99,999	1 127	21	115	274	494	178	45
$100,000 to $199,999	101	–	6	26	29	40	–
$200,000 to $499,999	8	–	–	6	2	–	–
$500,000 or more	–	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---farms	19 434	274	2 810	5 127	5 140	4 440	1 643
number	26 898	370	3 363	7 300	7 645	6 122	2 098
Motortrucks, including pickups ---farms	25 735	804	4 088	6 988	7 148	5 121	1 586
number	31 412	955	4 832	8 608	9 048	6 126	1 843
Wheel tractors ---farms	30 296	807	4 478	7 811	8 692	6 339	2 169
number	57 016	1 273	7 523	14 586	17 295	12 361	3 978
2 or 3 ---farms	15 600	349	1 916	3 935	4 834	3 429	1 137
number	35 609	746	4 206	8 982	11 276	7 826	2 573
4 or more ---farms	1 991	23	225	512	639	480	112
number	8 702	92	980	2 240	2 800	2 105	485
Grain and bean combines, self-propelled only ---farms	5 211	125	663	1 375	1 571	1 141	336
number	5 360	125	671	1 407	1 646	1 175	336
Cornpickers, corn heads, and picker-shellers ---farms	9 693	225	1 652	2 526	2 846	1 875	569
number	10 968	270	1 870	2 858	3 231	2 099	640
Corn heads for combines ---farms	2 384	87	341	702	752	369	133
number	2 454	87	346	715	789	384	133
Other cornpickers and picker-shellers ---farms	8 176	176	1 472	2 021	2 354	1 654	499
number	8 514	183	1 524	2 143	2 442	1 715	507
Cottonpickers ---farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ---farms	7 843	52	1 164	2 183	2 337	1 681	426
number	8 538	58	1 204	2 378	2 681	1 765	452
Pickup balers ---farms	10 157	120	1 336	2 688	3 186	2 169	658
number	10 395	120	1 350	2 762	3 296	2 197	670
Field forage harvesters, shear bar or flywheel type ---farms	2 613	104	317	651	781	625	135
number	2 937	109	360	736	915	670	147
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ---farms	24 556	900	3 635	6 346	6 768	5 219	1 688
$1,000	27 337	840	4 041	7 397	8 195	5 290	1 573
Commercial fertilizer ---farms	21 349	761	3 241	5 594	5 937	4 393	1 423
acres on which used	790 011	25 814	117 326	210 209	234 126	158 653	43 883
Lime ---farms	2 965	14	452	981	813	542	163
acres on which used	52 551	565	7 596	19 425	14 857	7 360	2 748
tons	122 903	1 023	16 056	44 211	38 799	17 561	5 253
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ---farms	6 424	110	703	1 832	1 780	1 353	646
acres on which used	173 847	4 169	20 960	57 001	46 103	33 246	12 368
Nematodes in crops ---farms	662	16	69	214	182	127	54
acres on which used	21 683	820	2 827	6 146	6 230	4 142	1 518
Diseases in crops and orchards ---farms	2 816	65	300	725	878	691	157
acres on which used	39 149	1 013	6 510	9 086	10 504	8 801	3 235
Weeds, grass, or brush in crops and pasture ---farms	13 380	497	2 305	3 523	3 815	2 502	738
acres on which used	466 798	17 190	77 567	118 624	142 795	89 104	21 518
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ---farms	622	69	80	163	172	97	41
acres on which used	9 372	1 065	1 175	2 257	3 356	879	640
Insect control on livestock and poultry ---farms	4 481	85	709	1 482	1 105	872	228
Sanitation and rodent and bird control ---farms	3 276	60	540	1 028	800	647	201
LIVESTOCK							
Cattle and calves inventory ---farms	12 840	247	1 976	3 694	3 536	2 614	773
number	162 023	2 216	20 828	43 438	48 784	36 608	10 149
Farms with—							
1 to 9	7 162	181	1 138	2 214	1 910	1 298	421
10 to 49	5 344	61	819	1 411	1 490	1 239	324
50 to 99	298	5	19	64	121	64	25
100 to 199	34	–	–	5	14	13	2
200 to 499	2	–	–	–	1	–	1
500 or more	–	–	–	–	–	–	–
Cows and heifers that had calved ---farms	8 845	180	1 231	2 526	2 448	1 893	567
number	63 609	895	7 800	15 835	19 923	14 967	4 189
Beef cows ---farms	7 094	131	1 027	1 927	2 054	1 502	453
number	55 167	532	6 679	13 532	17 565	13 272	3 587
Farms with—							
1 to 9	5 153	118	824	1 423	1 440	1 013	335
10 to 49	1 900	13	200	499	597	477	114
50 to 99	40	–	3	5	17	12	3
100 to 199	–	–	–	–	–	–	–
200 to 499	1	–	–	–	–	–	1
500 or more	–	–	–	–	–	–	–

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows—farms	4 301	1 877	38	148	193	287	500	711
number	26 059	17 617	443	1 932	2 295	3 293	5 316	4 338
Farms with—								
1 to 4	2 756	769	9	34	60	86	154	426
5 to 9	428	268	9	23	19	42	69	106
10 to 49	1 113	836	20	89	114	158	277	178
50 to 99	4	4	–	2	–	1	–	1
100 to 199	–	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–	–
Heifers and heifer calves—farms	12 518	4 162	71	304	435	604	1 154	1 594
number	77 256	34 052	738	3 243	4 237	5 594	10 650	9 590
Steers, steer calves, bulls, and bull calves—farms	14 638	4 386	77	292	468	675	1 318	1 556
number	91 041	35 831	912	2 700	3 947	6 109	11 437	10 726
Cattle and calves sold—farms	14 473	4 940	157	327	461	741	1 481	1 773
number	132 659	55 974	1 472	3 499	5 884	9 121	17 859	18 139
$1,000	40 447	16 742	383	977	1 576	2 628	5 635	5 543
Calves—farms	6 196	2 418	102	168	255	385	710	798
number	48 328	22 229	713	1 495	2 848	3 713	6 887	6 573
$1,000	8 105	3 460	81	194	395	530	1 173	1 088
Cattle—farms	12 313	4 152	84	272	366	621	1 275	1 534
number	84 331	33 745	759	2 004	3 036	5 408	10 972	11 566
$1,000	32 343	13 281	302	783	1 182	2 098	4 462	4 455
Fattened on grain and concentrates—farms	6 066	1 834	35	104	143	238	594	720
number	39 522	14 134	294	728	1 048	2 110	4 991	4 963
$1,000	16 168	6 046	142	304	433	884	2 170	2 114
Hogs and pigs inventory—farms	7 931	1 990	115	224	304	274	435	638
number	204 223	73 562	3 179	13 163	13 563	12 670	17 553	13 434
Farms with—								
1 to 9	3 943	840	72	79	110	91	153	335
10 to 49	2 803	736	20	78	104	112	192	230
50 to 99	773	242	16	26	56	37	54	53
100 to 199	301	107	4	20	20	21	24	18
200 to 499	106	60	3	20	13	11	11	2
500 or more	5	5	–	1	1	2	1	–
Used or to be used for breeding—farms	4 752	1 221	102	173	195	194	296	261
number	47 740	15 328	838	3 098	2 751	3 468	3 354	1 819
Other—farms	7 213	1 811	113	177	282	238	397	604
number	156 483	58 234	2 341	10 065	10 812	9 202	14 199	11 615
Hogs and pigs sold—farms	6 406	1 732	118	227	283	246	413	445
number	249 529	91 376	5 465	13 960	17 210	15 016	21 249	18 476
$1,000	16 905	5 913	286	860	1 033	1 015	1 495	1 225
Feeder pigs sold—farms	2 177	647	17	124	121	88	127	170
number	118 794	44 569	1 455	8 964	9 897	6 747	8 908	8 598
$1,000	4 729	1 706	46	361	337	262	383	317
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30—farms	5 204	1 331	102	184	200	199	313	333
number	40 114	14 556	808	2 662	2 698	2 295	3 364	2 729
Dec. 1 and May 31—farms	3 939	1 017	94	144	161	159	252	207
number	19 002	6 623	328	1 246	1 181	1 098	1 729	1 041
June 1 and Nov. 30—farms	3 998	1 130	102	166	180	160	257	265
number	21 112	7 933	480	1 416	1 517	1 197	1 635	1 688
Sheep and lambs of all ages inventory—farms	2 149	513	5	32	45	60	136	235
number	70 922	26 213	561	1 177	1 987	3 792	7 633	11 063
Ewes 1 year old or older—farms	1 907	480	5	29	37	56	129	224
number	46 050	15 864	288	816	1 227	2 013	4 598	6 922
Sheep and lambs sold—farms	1 811	541	5	30	38	50	130	288
number	38 646	17 495	179	1 087	772	2 144	4 749	8 564
Sheep and lambs shorn—farms	1 910	526	5	25	34	54	128	280
number	56 557	22 523	399	1 154	1 599	3 626	6 243	9 502
pounds of wool	417 785	184 387	2 367	8 701	14 480	25 598	51 954	81 287
Horses and ponies inventory—farms	10 273	1 711	90	139	262	251	493	476
number	45 480	9 320	352	822	1 461	1 760	2 489	2 436
Horses and ponies sold—farms	2 294	374	68	38	64	56	75	73
number	5 930	1 188	143	163	193	211	251	227
$1,000	4 367	811	54	89	164	168	179	157
Goats inventory—farms	892	106	1	21	25	10	17	32
number	4 643	738	(D)	(D)	190	78	113	282
Goats sold—farms	310	48	1	6	16	5	4	16
number	1 314	335	(D)	(D)	64	43	48	122
$1,000	39	10	(D)	(D)	2	1	1	4
POULTRY								
Chickens 3 months old or older inventory—farms	6 818	1 817	77	106	157	231	465	781
number	335 906	152 391	1 447	26 610	10 266	17 727	31 292	65 049
Farms with—								
1 to 399	6 758	1 773	77	104	154	224	449	765
400 to 3,199	58	43	–	1	3	7	16	16
3,200 to 9,999	1	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	1	1	–	1	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Hens and pullets of laying age—farms	6 663	1 791	77	104	152	226	459	773
number	264 004	104 105	(D)	(D)	9 095	15 421	29 742	44 173
Pullets 3 months old or older not of laying age—farms	1 360	333	2	19	27	29	45	211
number	71 902	48 286	(D)	(D)	1 171	2 306	1 550	20 876

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	2 424	115	327	811	552	474	145
	number	8 442	363	1 121	2 303	2 358	1 695	602
Farms with—								
1 to 4		1 987	107	272	700	433	372	103
5 to 9		160	1	17	42	38	42	20
10 to 49		277	7	38	69	81	60	22
50 to 99		–	–	–	–	–	–	–
100 to 199		–	–	–	–	–	–	–
200 to 499		–	–	–	–	–	–	–
500 or more		–	–	–	–	–	–	–
Heifers and heifer calves	farms	8 356	94	1 318	2 368	2 254	1 854	468
	number	43 204	584	5 951	11 842	12 250	9 915	2 662
Steers, steer calves, bulls, and bull calves	farms	10 252	129	1 514	3 102	2 825	2 137	545
	number	55 210	737	7 077	15 761	16 611	11 726	3 298
Cattle and calves sold	farms	9 533	111	1 381	2 496	2 845	2 064	636
	number	76 685	673	9 977	19 292	24 813	16 907	5 023
	$1,000	23 706	227	2 985	6 040	7 606	5 302	1 546
Calves	farms	3 778	50	450	1 037	1 108	866	267
	number	26 099	228	2 811	7 163	7 990	6 007	1 900
	$1,000	4 644	40	458	1 203	1 471	1 120	352
Cattle	farms	8 161	87	1 230	2 089	2 521	1 709	525
	number	50 586	445	7 166	12 129	16 823	10 900	3 123
	$1,000	19 061	187	2 528	4 837	6 134	4 181	1 194
Fattened on grain and concentrates	farms	4 232	34	703	1 125	1 332	836	202
	number	25 388	164	3 738	5 888	9 604	4 820	1 174
	$1,000	10 122	77	1 456	2 574	3 522	1 997	496
Hogs and pigs inventory	farms	5 941	323	1 201	1 865	1 432	914	206
	number	130 661	7 626	30 948	36 010	32 589	19 418	4 070
Farms with—								
1 to 9		3 103	156	572	1 069	630	549	127
10 to 49		2 067	123	412	583	663	226	60
50 to 99		531	28	159	136	91	104	13
100 to 199		194	14	47	63	41	26	3
200 to 499		46	2	11	14	7	9	3
500 or more		–	–	–	–	–	–	–
Used or to be used for breeding	farms	3 531	189	785	879	951	629	98
	number	32 412	1 710	10 656	7 226	8 258	3 782	780
Other	farms	5 402	252	1 053	1 718	1 334	855	190
	number	98 249	5 916	20 292	28 784	24 331	15 636	3 290
Hogs and pigs sold	farms	4 674	253	863	1 607	1 211	538	202
	number	158 153	9 116	33 522	48 688	38 640	23 251	4 936
	$1,000	10 992	555	2 297	3 436	2 662	1 662	380
Feeder pigs sold	farms	1 530	149	305	443	376	218	39
	number	74 225	5 416	16 022	21 598	17 776	11 218	2 195
	$1,000	3 023	226	646	905	625	529	91
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms	3 873	226	814	992	1 052	680	109
	number	25 558	1 579	5 220	7 163	6 168	4 600	828
Dec. 1 and May 31	farms	2 922	170	606	776	777	506	87
	number	12 379	761	2 304	3 381	2 899	2 644	390
June 1 and Nov. 30	farms	2 868	157	622	742	847	428	72
	number	13 179	818	2 916	3 782	3 269	1 956	438
Sheep and lambs of all ages inventory	farms	1 636	15	306	584	469	176	86
	number	44 709	439	4 527	20 576	9 436	6 850	2 881
Ewes 1 year old or older	farms	1 427	13	284	530	357	162	81
	number	30 186	306	3 182	14 207	5 924	4 532	2 035
Sheep and lambs sold	farms	1 270	15	172	523	303	174	83
	number	21 151	276	1 955	6 150	6 144	4 551	2 075
Sheep and lambs shorn	farms	1 384	15	226	516	377	167	83
	number	34 034	417	3 554	14 333	7 648	5 576	2 506
	pounds of wool	233 398	2 888	25 748	81 543	57 194	46 359	19 666
Horses and ponies inventory	farms	8 562	248	1 498	2 763	2 365	1 322	366
	number	36 160	590	5 179	11 313	10 847	6 376	1 855
Horses and ponies sold	farms	1 920	13	372	752	441	245	97
	number	4 742	43	882	1 678	1 060	768	311
	$1,000	3 556	29	583	1 313	821	611	199
Goats inventory	farms	786	40	202	220	274	43	7
	number	3 905	50	1 003	951	1 589	261	51
Goats sold	farms	262	1	37	89	118	12	5
	number	979	(D)	234	383	296	(D)	13
	$1,000	29	(D)	10	11	8	(D)	(Z)
POULTRY								
Chickens 3 months old or older inventory	farms	5 001	106	837	1 317	1 532	886	323
	number	183 515	2 707	24 662	42 408	66 313	31 570	15 855
Farms with—								
1 to 399		4 985	106	836	1 316	1 527	882	318
400 to 3,199		15	–	1	–	5	4	5
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		–	–	–	–	–	–	–
Hens and pullets of laying age	farms	4 872	103	830	1 238	1 509	872	320
	number	159 899	2 652	20 891	37 879	54 087	29 475	14 915
Pullets 3 months old or older not of laying age	farms	1 027	8	236	213	425	114	31
	number	23 616	55	3 771	4 529	12 226	2 095	940

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—farms	950	279	2	18	27	39	74	119
number	220 392	149 556	(D)	60 748	(D)	28 213	19 602	33 897
Broilers and other meat-type chickens sold—farms	511	98	1	15	11	17	25	29
number	91 532	24 596	(D)	2 095	(D)	3 847	7 012	10 125
Farms with—								
1 to 1,999	502	96	1	15	11	17	24	28
2,000 to 15,999	9	2	–	–	–	–	1	1
16,000 to 29,999	–	–	–	–	–	–	–	–
30,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	222	50	1	7	8	6	11	17
number	890	198	(D)	(D)	24	39	40	44
Turkeys sold—farms	463	19	–	3	5	2	3	6
number	11 781	2 229	–	285	(D)	(D)	790	969
CROPS HARVESTED								
Corn for all purposes—farms	22 592	7 950	425	670	671	1 052	2 162	2 970
acres	598 926	245 962	16 261	29 621	26 484	36 910	67 883	68 803
For grain or seed—farms	21 089	7 251	409	619	610	959	2 004	2 650
acres	550 360	220 334	15 327	26 476	23 123	32 399	60 252	62 757
bushels	36 265 432	14 892 733	1 032 960	1 887 215	1 498 011	2 141 560	4 069 843	4 263 144
Irrigated—farms	118	37	2	1	11	7	6	10
acres	3 374	987	(D)	(D)	387	128	190	188
Farms by acres harvested:								
1 to 24 acres	12 971	3 890	167	221	254	482	1 093	1 673
25 to 99 acres	7 621	3 113	206	366	320	431	850	940
100 to 499 acres	497	248	36	32	36	46	61	37
500 acres or more	–	–	–	–	–	–	–	–
Wheat for grain—farms	7 944	3 594	138	242	214	403	1 071	1 526
acres	125 452	59 456	2 947	5 481	3 724	7 273	17 903	22 128
bushels	4 368 440	2 104 223	83 189	198 725	125 714	257 123	653 834	785 638
Irrigated—farms	5	1	–	–	–	–	1	–
acres	74	(D)	–	–	–	–	(D)	–
Farms by acres harvested:								
1 to 24 acres	6 595	2 923	62	136	175	317	881	1 352
25 to 99 acres	1 331	663	76	104	38	84	187	174
100 to 499 acres	18	8	–	2	1	2	3	–
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain—farms	10 836	4 673	185	286	350	613	1 359	1 880
acres	161 666	77 563	3 153	5 776	6 041	11 150	22 635	28 808
bushels	8 136 194	4 017 849	162 040	297 095	281 544	583 740	1 257 907	1 435 523
Irrigated—farms	9	3	–	–	2	–	1	–
acres	81	41	–	–	(D)	–	(D)	–
Barley for grain—farms	302	146	4	15	13	32	39	43
acres	3 453	1 836	33	178	222	538	332	533
bushels	138 900	81 630	1 210	7 034	6 118	25 120	13 347	28 801
Irrigated—farms	–	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–	–
Soybeans for beans—farms	9 071	3 163	186	216	219	421	934	1 187
acres	300 722	113 789	6 326	9 846	9 039	18 289	36 548	33 741
bushels	6 190 137	2 379 503	111 117	190 406	175 079	395 194	776 609	731 098
Irrigated—farms	34	9	1	–	1	4	1	2
acres	827	260	(D)	–	(D)	124	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	4 425	1 389	49	81	97	168	364	630
25 to 99 acres	4 298	1 625	131	112	105	215	523	539
100 to 499 acres	348	149	6	23	17	38	47	18
500 acres or more	–	–	–	–	–	–	–	–
Dry field and seed beans—farms	2 440	1 236	208	116	59	160	356	337
acres	85 193	46 715	6 622	5 627	2 583	7 270	13 770	10 843
100-lb bags	875 378	474 972	61 314	53 527	24 928	73 256	144 683	117 264
Irrigated—farms	11	6	–	–	2	–	2	2
acres	268	124	–	–	(D)	–	(D)	(D)
Irish potatoes—farms	430	241	1	8	7	35	63	127
acres	1 240	768	(D)	(D)	56	150	348	145
hundredweight	168 890	110 511	(D)	(D)	8 494	22 232	48 774	20 529
Irrigated—farms	32	15	–	3	3	1	5	3
acres	100	50	–	21	11	(D)	(D)	9
Farms by acres harvested:								
0.1 to 0.9 acres	215	128	–	–	2	7	22	97
1.0 to 4.9 acres	153	78	–	6	2	19	26	25
5.0 to 24.9 acres	52	27	1	1	3	8	9	5
25.0 to 99.9 acres	10	8	–	1	–	1	6	–
100.0 acres or more	–	–	–	–	–	–	–	–
Sugar beets for sugar—farms	324	207	82	13	8	39	40	25
acres	4 475	2 635	504	205	168	695	693	370
tons	78 361	46 464	9 808	3 646	2 724	12 075	12 029	6 182
Irrigated—farms	2	–	–	–	–	–	–	–
acres	(D)	–	–	–	–	–	–	–
Hay crops (see text)—farms	25 250	8 024	184	450	725	1 048	2 182	3 435
acres	683 313	259 855	5 183	18 281	30 985	40 146	73 984	91 276
tons, dry	1 239 508	482 643	9 724	35 562	59 575	74 471	143 455	159 856
Irrigated—farms	51	20	–	2	2	4	8	4
acres	858	336	–	(D)	(D)	39	162	78
Farms by acres harvested:								
1 to 24 acres	15 412	4 054	107	211	289	472	967	2 008
25 to 99 acres	9 115	3 641	69	193	384	505	1 130	1 360
100 to 499 acres	723	329	8	46	52	71	85	67
500 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	671	7	67	394	97	75	31
number	70 836	319	3 046	34 689	15 742	13 916	3 124
Broilers and other meat-type chickens sold—farms	413	9	163	126	59	36	20
number	66 936	538	23 338	16 544	21 646	3 423	1 447
Farms with—							
1 to 1,999	406	9	160	125	56	36	20
2,000 to 15,999	7	–	3	1	3	–	–
16,000 to 29,999	–	–	–	–	–	–	–
30,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	172	1	22	49	26	71	3
number	692	(D)	51	169	143	322	(D)
Turkeys sold—farms	444	2	78	331	13	16	4
number	9 552	(D)	661	2 378	449	5 928	(D)
CROPS HARVESTED							
Corn for all purposes—farms	14 642	501	2 530	3 988	3 830	2 819	974
acres	352 964	14 828	62 265	102 182	90 955	63 590	19 144
For grain or seed—farms	13 838	494	2 388	3 788	3 603	2 651	914
acres	330 026	14 477	57 706	96 707	84 616	58 784	17 736
bushels	21 372 699	900 927	3 638 055	6 177 226	5 498 191	3 957 801	1 200 499
Irrigated—farms	81	–	17	26	23	13	2
acres	2 387	–	660	628	661	428	(D)
Farms by acres harvested:							
1 to 24 acres	9 081	297	1 552	2 350	2 390	1 817	675
25 to 99 acres	4 508	182	782	1 350	1 155	806	233
100 to 499 acres	249	15	54	88	58	28	6
500 acres or more	–	–	–	–	–	–	–
Wheat for grain—farms	4 350	98	486	949	1 254	1 186	377
acres	65 996	1 473	7 170	13 644	19 220	19 060	5 429
bushels	2 264 217	51 920	242 536	475 767	665 918	641 101	186 975
Irrigated—farms	4	–	–	2	1	1	–
acres	(D)	–	–	(D)	(D)	(D)	–
Farms by acres harvested:							
1 to 24 acres	3 672	85	423	822	1 057	957	328
25 to 99 acres	668	13	62	125	193	226	49
100 to 499 acres	10	–	1	2	4	3	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain—farms	6 163	229	913	1 639	1 733	1 228	421
acres	84 103	2 784	12 347	23 253	23 273	16 873	5 573
bushels	4 118 345	105 232	600 535	1 121 160	1 145 742	868 120	277 556
Irrigated—farms	6	–	2	2	2	–	–
acres	40	–	(D)	(D)	(D)	–	–
Barley for grain—farms	156	3	25	41	40	37	10
acres	1 617	21	201	579	384	327	105
bushels	57 270	660	6 241	19 810	13 499	13 356	3 704
Irrigated—farms	–	–	–	–	–	–	–
acres	–	–	–	–	–	–	–
Soybeans for beans—farms	5 908	369	979	1 369	1 745	1 102	344
acres	186 933	8 611	32 528	46 310	56 295	34 738	8 451
bushels	3 810 634	162 038	655 260	920 109	1 171 916	729 798	171 513
Irrigated—farms	25	–	2	13	5	4	1
acres	567	–	(D)	260	143	143	(D)
Farms by acres harvested:							
1 to 24 acres	3 036	255	489	641	916	530	205
25 to 99 acres	2 673	107	436	674	778	542	136
100 to 499 acres	199	7	54	54	51	30	3
500 acres or more	–	–	–	–	–	–	–
Dry field and seed beans—farms	1 204	50	191	318	331	245	69
acres	38 478	1 624	6 161	10 638	10 689	7 575	1 791
100-lb bags	400 406	16 562	65 031	112 699	105 008	79 493	21 613
Irrigated—farms	5	1	1	2	1	–	–
acres	144	(D)	(D)	(D)	(D)	–	–
Irish potatoes—farms	189	4	13	29	58	58	27
acres	472	13	58	99	111	160	31
hundredweight	58 379	4 235	7 452	10 188	13 227	17 615	5 662
Irrigated—farms	17	1	2	–	9	1	4
acres	51	(D)	(D)	–	14	(D)	2
Farms by acres harvested:							
0.1 to 0.9 acres	87	2	4	6	28	31	16
1.0 to 4.9 acres	75	1	4	17	24	20	9
5.0 to 24.9 acres	25	1	5	6	6	5	2
25.0 to 99.9 acres	2	–	–	–	–	2	–
100.0 acres or more	–	–	–	–	–	–	–
Sugar beets for sugar—farms	117	5	29	36	31	14	2
acres	1 840	97	428	600	494	(D)	(D)
tons	31 897	2 117	6 980	10 402	8 330	(D)	(D)
Irrigated—farms	2	–	1	1	–	–	–
acres	(D)	–	(D)	(D)	–	–	–
Hay crops (see text)—farms	17 226	399	2 434	4 550	5 040	3 481	1 322
acres	423 458	6 865	51 941	113 266	124 596	92 049	34 741
tons, dry	756 865	14 194	92 798	210 641	220 780	161 673	56 779
Irrigated—farms	31	–	6	15	4	4	2
acres	522	–	(D)	278	61	117	(D)
Farms by acres harvested:							
1 to 24 acres	11 358	348	1 753	3 114	3 271	2 097	775
25 to 99 acres	5 474	45	640	1 268	1 677	1 322	522
100 to 499 acres	394	6	41	168	92	62	25
500 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						
			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.								
Hay crops—Con.								
Alfalfa hay—farms	20 572	6 559	166	376	592	863	1 850	2 712
acres	501 939	187 276	4 340	12 558	19 660	27 739	56 985	65 994
tons, dry	985 728	378 497	8 535	26 826	42 161	57 423	118 476	125 076
Irrigated—farms	46	20	–	2	2	4	8	4
acres	673	261	–	(D)	(D)	39	132	58
All vegetables harvested for sale (see text)—farms	2 531	919	14	51	74	108	299	373
acres	18 366	8 427	299	606	1 290	1 280	2 572	2 379
Irrigated—farms	337	134	5	7	12	15	48	47
acres	1 598	760	44	48	55	123	337	153
Farms by acres harvested:								
0.1 to 4.9 acres	1 463	457	1	15	19	34	158	230
5.0 to 24.9 acres	926	392	8	31	45	61	117	130
25.0 to 99.9 acres	136	65	5	5	7	13	22	13
100.0 acres or more	6	5	–	–	3	–	2	–
Land in orchards—farms	3 477	1 032	13	47	86	121	248	517
acres	29 664	12 295	247	643	1 207	1 943	3 267	4 988
Irrigated—farms	170	52	–	8	7	7	13	17
acres	1 119	441	–	64	115	40	129	94
Farms by acres in orchards:								
0.1 to 4.9 acres	1 683	362	3	14	27	34	84	200
5.0 to 24.9 acres	1 526	528	6	26	40	59	125	272
25.0 to 99.9 acres	263	142	4	7	19	28	39	45
100.0 acres or more	5	–	–	–	–	–	–	–
Apples—farms	2 085	600	7	28	52	74	155	284
total acres	11 903	4 893	82	253	429	907	1 348	1 874
pounds	48 164 223	24 466 527	462 440	1 328 616	1 678 512	4 552 592	7 870 676	8 573 691
Cherries—farms	1 212	373	1	16	35	48	91	182
total acres	6 823	2 771	(D)	(D)	315	314	725	1 191
pounds	8 633 710	4 078 812	(D)	(D)	479 000	305 167	1 225 256	1 931 528
Grapes (see text)—farms	1 186	412	5	13	30	45	103	216
total acres	6 506	2 802	117	112	256	460	705	1 154
pounds	39 095 720	17 433 390	1 116 000	702 176	1 248 445	2 883 394	4 288 946	7 194 429

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.							
Hay crops—Con.							
Alfalfa hay—farms	14 013	306	1 925	3 846	3 988	2 865	1 083
acres	314 663	4 823	38 334	88 132	90 042	68 271	25 061
tons, dry	607 231	10 334	72 971	175 106	174 665	128 782	45 373
Irrigated—farms	26	–	5	11	4	4	2
acres	412	–	(D)	198	61	107	(D)
All vegetables harvested for sale (see text)—farms	1 612	22	247	474	453	308	108
acres	9 939	158	1 187	2 928	2 950	2 197	519
Irrigated—farms	203	3	24	44	47	69	16
acres	838	19	91	223	208	262	35
Farms by acres harvested:							
0.1 to 4.9 acres	1 006	11	167	298	272	187	71
5.0 to 24.9 acres	534	10	75	157	156	101	35
25.0 to 99.9 acres	71	1	5	19	24	20	2
100.0 acres or more	1	–	–	–	1	–	–
Land in orchards—farms	2 445	14	271	707	721	549	183
acres	17 369	108	1 959	5 039	4 816	3 995	1 453
Irrigated—farms	118	–	10	31	21	48	8
acres	678	–	97	228	115	207	31
Farms by acres in orchards:							
0.1 to 4.9 acres	1 321	5	167	373	396	303	77
5.0 to 24.9 acres	998	8	82	297	297	217	97
25.0 to 99.9 acres	121	1	22	34	26	29	9
100.0 acres or more	5	–	–	3	2	–	–
Apples—farms	1 485	4	180	353	517	331	100
total acres	7 010	15	642	1 876	2 307	1 724	446
pounds	23 697 696	102 900	2 606 465	5 477 165	7 754 686	6 639 315	1 117 165
Cherries—farms	839	7	140	220	250	150	72
total acres	4 052	43	651	1 288	822	800	449
pounds	4 554 898	53 368	678 526	724 325	1 194 974	1 176 815	726 890
Grapes (see text)—farms	774	7	74	204	237	182	70
total acres	3 704	39	360	1 091	1 051	778	385
pounds	21 662 330	162 480	2 396 724	5 817 175	5 875 592	5 365 161	2 045 198

[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	68 211	3 581	16 611	4 933	9 734	7 887
	percent	100.0	5.2	24.3	7.2	14.2	11.5
Land in farms	acres	11 426 256	14 686	477 914	287 593	794 130	918 413
Average size of farm	acres	168	4	29	58	82	116
Value of land and buildings[1]	farms	68 210	3 685	16 239	4 968	9 846	8 085
	$1,000	11 115 789	157 614	911 318	353 246	828 794	855 251
Average per farm	dollars	162 964	42 771	56 119	71 104	84 175	105 782
Average per acre	dollars	974	10 559	1 939	1 219	1 030	908
Farms by value of land and buildings:							
$1 to $19,999		4 566	937	2 529	357	391	278
$20,000 to $39,999		9 537	1 269	4 483	916	1 375	807
$40,000 to $69,999		15 253	986	5 339	1 989	3 303	1 841
$70,000 to $99,999		9 469	246	2 013	749	2 484	1 637
$100,000 to $149,999		8 831	131	1 107	567	1 229	2 103
$150,000 to $199,999		5 067	46	340	209	530	654
$200,000 to $499,999		11 099	58	385	162	476	649
$500,000 to $999,999		3 253	11	34	19	40	105
$1,000,000 or more		1 135	1	9	–	18	11
Owned and rented land by operator:							
Land owned	farms	63 829	3 053	15 659	4 580	9 187	7 258
	acres	8 261 793	45 565	533 220	276 497	750 134	788 830
Land rented or leased from others	farms	25 161	677	3 045	1 339	2 011	2 617
	acres	3 584 970	4 147	61 222	49 375	99 987	190 669
Land rented or leased to others	farms	7 325	590	2 606	863	1 021	828
	acres	420 507	35 026	116 528	38 279	55 991	61 086
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	66 079	2 280	16 060	4 871	9 649	7 826
	acres	8 654 403	7 914	349 466	210 817	569 091	666 138
Harvested cropland	farms	62 925	1 770	14 526	4 723	9 182	7 658
	acres	6 947 059	5 879	247 983	154 133	400 574	482 467
Farms by acres harvested:							
1 to 49 acres		30 670	1 770	14 526	3 761	5 485	2 715
50 to 99 acres		12 556	–	–	962	3 697	3 675
100 to 199 acres		9 821	–	–	–	–	1 268
200 to 499 acres		7 775	–	–	–	–	–
500 to 999 acres		1 722	–	–	–	–	–
1,000 to 1,999 acres		341	–	–	–	–	–
2,000 acres or more		40	–	–	–	–	–
Cropland:							
Pasture or grazing only	farms	22 886	561	4 779	1 511	3 420	2 768
	acres	757 696	1 458	45 184	22 764	69 481	73 261
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	9 359	30	1 291	657	1 423	1 406
	acres	214 951	71	9 589	7 502	20 053	23 264
On which all crops failed	farms	3 867	74	770	228	517	536
	acres	75 521	112	6 680	2 371	6 121	9 261
In cultivated summer fallow	farms	7 682	78	825	453	1 241	1 067
	acres	174 565	96	6 256	4 921	17 404	18 680
Idle	farms	18 615	111	3 515	1 312	2 992	2 643
	acres	484 611	298	33 774	19 126	55 458	59 205
Total woodland	farms	36 313	85	5 467	2 505	5 887	5 139
	acres	1 575 759	219	47 923	37 967	127 075	144 901
Woodland pastured	farms	8 992	17	1 265	481	1 190	1 265
	acres	340 189	38	9 543	5 614	20 117	29 565
Woodland not pastured	farms	30 629	70	4 402	2 144	5 003	4 309
	acres	1 235 570	181	38 380	32 353	106 958	115 336
Pastureland and rangeland other than cropland and woodland pastured	farms	7 345	50	1 159	412	929	944
	acres	323 062	152	9 850	5 672	16 404	22 785
Land in house lots, ponds, roads, wasteland, etc.	farms	52 031	2 833	12 748	3 699	7 503	5 933
	acres	873 032	6 401	70 675	33 137	81 560	84 589
Pastureland, all types	farms	30 270	622	6 202	2 001	4 467	3 714
	acres	1 420 947	1 648	64 577	34 050	106 002	125 611
Irrigated land	farms	3 183	263	631	196	282	281
	acres	226 133	539	4 645	2 976	5 816	7 811
Harvested cropland irrigated	farms	3 127	263	611	191	272	273
	acres	222 875	535	4 356	2 847	5 568	7 545
Pastureland irrigated	farms	40	–	12	2	5	9
	acres	716	–	81	(D)	95	83
Other land irrigated	farms	143	4	35	14	19	15
	acres	2 542	4	208	(D)	153	183
Land set aside in the federal farm programs in 1978	farms	12 727	7	847	659	1 508	1 586
	acres	245 452	29	4 013	3 966	10 047	13 893
RACE AND TENURE OF OPERATOR							
All operators	number	68 211	3 581	16 611	4 933	9 734	7 887
Full owners	number	43 151	2 913	13 605	3 600	7 737	5 282
Part owners	number	20 620	136	2 038	975	1 442	1 970
Tenants	number	4 440	532	968	358	555	635
White	number	67 772	3 566	16 368	4 894	9 697	7 863
Full owners	number	42 867	2 901	13 443	3 575	7 706	5 266
Part owners	number	20 486	134	1 965	965	1 438	1 963
Tenants	number	4 419	531	960	354	553	634
Black and other races	number	439	15	243	39	37	24
Full owners	number	284	12	162	25	31	16
Part owners	number	134	2	73	10	4	7
Tenants	number	21	1	8	4	2	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
FARMS AND LAND IN FARMS							
Farms—number	5 614	3 974	3 126	8 388	3 509	743	111
percent	8.2	5.8	4.5	12.2	5.1	1.0	0.1
Land in farms—acres	883 740	782 659	743 433	2 943 161	2 310 146	944 477	325 904
Average size of farm—acres	157	197	238	351	658	1 271	2 936
Value of land and buildings[1]—farms	5 581	3 996	3 018	8 530	3 408	743	111
$1,000	757 464	689 599	637 207	2 649 571	2 049 417	887 549	338 759
Average per farm—dollars	135 721	172 572	211 135	310 617	601 354	1 194 547	3 051 885
Average per acre—dollars	862	875	888	883	917	939	1 039
Farms by value of land and buildings:							
$1 to $19,999	68	6	–	–	–	–	–
$20,000 to $39,999	314	191	69	112	1	–	–
$40,000 to $69,999	896	357	249	270	23	–	–
$70,000 to $99,999	1 043	496	276	461	63	1	–
$100,000 to $149,999	1 307	795	529	951	100	12	–
$150,000 to $199,999	1 007	828	514	773	156	9	1
$200,000 to $499,999	892	1 276	1 208	4 729	1 190	72	2
$500,000 to $999,999	49	40	164	1 098	1 447	238	8
$1,000,000 or more	5	7	9	136	428	411	100
Owned and rented land by operator:							
Land owned—farms	5 275	3 752	2 946	7 942	3 366	707	104
acres	738 286	602 104	549 176	1 936 942	1 359 559	504 071	177 409
Land rented or leased from others—farms	2 105	2 062	1 756	5 901	2 888	662	98
acres	178 901	199 654	207 675	1 035 456	965 368	443 559	148 957
Land rented or leased to others—farms	476	261	173	350	127	23	7
acres	33 447	19 099	13 418	29 237	14 781	3 153	462
LAND IN FARMS ACCORDING TO USE							
Total cropland—farms	5 586	3 961	3 115	8 372	3 506	743	110
acres	640 731	582 806	562 272	2 248 997	1 822 932	759 240	233 999
Harvested cropland—farms	5 498	3 926	3 071	8 227	3 493	741	110
acres	477 832	452 491	453 756	1 854 597	1 546 109	664 776	206 462
Farms by acres harvested:							
1 to 49 acres	1 206	535	265	333	68	6	–
50 to 99 acres	2 015	944	521	665	74	3	–
100 to 199 acres	2 277	2 298	1 461	2 238	268	11	–
200 to 499 acres	–	149	824	4 991	1 718	88	5
500 to 999 acres	–	–	–	–	1 365	345	12
1,000 to 1,999 acres	–	–	–	–	–	288	53
2,000 acres or more	–	–	–	–	–	–	40
Cropland:							
Pasture or grazing only—farms	2 145	1 497	1 147	3 442	1 350	240	26
acres	70 542	57 465	48 035	186 067	141 272	36 451	5 716
Cover crops, legumes, and soil-improvement grasses not harvested or pastured—farms	1 066	666	521	1 540	594	144	21
acres	21 497	14 777	13 074	55 774	30 049	13 066	6 235
On which all crops failed—farms	397	266	224	582	235	35	3
acres	7 064	6 100	5 581	18 952	11 265	1 796	218
In cultivated summer fallow—farms	913	640	500	1 271	552	130	12
acres	17 760	13 295	11 867	40 058	26 226	14 652	3 350
Idle—farms	1 799	1 276	940	2 477	1 219	287	44
acres	46 036	38 678	29 959	93 549	68 011	28 499	12 018
Total woodland—farms	3 889	2 552	2 082	5 762	2 389	475	81
acres	144 077	118 447	108 627	419 535	288 418	97 641	40 929
Woodland pastured—farms	999	710	595	1 655	684	107	24
acres	31 160	26 469	24 652	94 237	68 695	17 017	13 082
Woodland not pastured—farms	3 286	2 141	1 777	4 907	2 091	427	72
acres	112 917	91 978	83 975	325 298	219 723	80 624	27 847
Pastureland and rangeland other than cropland and woodland pastured—farms	816	472	454	1 325	595	152	37
acres	23 540	18 321	18 555	78 507	57 935	38 255	33 086
Land in house lots, ponds, roads, wasteland, etc.—farms	4 303	3 023	2 425	6 310	2 616	553	85
acres	75 392	63 085	53 979	196 122	140 861	49 341	17 890
Pastureland, all types—farms	2 909	1 944	1 593	4 554	1 848	356	60
acres	125 242	102 255	91 242	358 811	267 902	91 723	51 884
Irrigated land—farms	188	170	140	473	385	137	37
acres	5 939	8 670	8 704	43 625	68 526	41 547	27 335
Harvested cropland irrigated—farms	183	167	138	472	383	137	37
acres	5 824	8 547	8 586	43 166	67 523	(D)	(D)
Pastureland irrigated—farms	3	2	–	4	2	1	–
acres	46	(D)	–	118	(D)	(D)	–
Other land irrigated—farms	7	8	5	19	13	3	1
acres	69	(D)	118	341	(D)	219	(D)
Land set aside in the federal farm programs in 1978—farms	1 397	1 088	868	2 909	1 441	366	51
acres	14 904	14 226	13 961	64 944	62 481	32 846	10 142
RACE AND TENURE OF OPERATOR							
All operators—number	5 614	3 974	3 126	8 388	3 509	743	111
Full owners—number	3 517	1 913	1 372	2 494	624	81	13
Part owners—number	1 753	1 835	1 573	5 443	2 738	626	91
Tenants—number	344	226	181	451	147	36	7
White—number	5 592	3 964	3 111	8 364	3 502	740	111
Full owners—number	3 500	1 911	1 363	2 485	623	81	13
Part owners—number	1 750	1 828	1 567	5 429	2 733	623	91
Tenants—number	342	225	181	450	146	36	7
Black and other races—number	22	10	15	24	7	3	–
Full owners—number	17	2	9	9	1	–	–
Part owners—number	3	7	6	14	5	3	–
Tenants—number	2	1	–	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	61 399	3 230	15 810	4 606	9 131	7 238
acres	9 180 975	13 478	454 476	268 362	744 523	842 549
Partnership—farms	5 890	294	673	295	551	604
acres	1 813 363	1 001	19 997	17 386	45 334	70 645
Corporations:						
Family held—farms	694	40	83	24	24	29
acres	354 970	154	2 086	1 350	1 980	3 358
More than 10 stockholders—farms	14	–	–	–	1	–
10 or less stockholders—farms	680	40	83	24	23	29
Other than family held—farms	93	11	8	–	7	4
acres	49 022	30	231	–	604	450
More than 10 stockholders—farms	11	–	2	–	1	–
10 or less stockholders—farms	82	11	6	–	6	4
Other—cooperative, estate or trust, etc.—farms	135	6	37	8	21	12
acres	27 926	23	1 124	495	1 689	1 411
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	56 135	2 886	13 540	3 831	7 800	6 356
Not on farm operated	6 835	406	1 818	677	1 157	870
Operators by age group:						
Under 25 years	2 316	230	705	173	265	290
25 to 34 years	9 136	753	2 702	599	942	892
35 to 44 years	14 303	608	3 751	1 039	2 179	1 533
45 to 54 years	16 734	812	3 820	1 138	2 219	1 786
55 to 64 years	15 640	731	2 910	1 165	2 306	1 932
65 years and over	10 082	447	2 723	819	1 823	1 454
Average age	49.3	46.9	48.3	50.2	50.9	50.7
Operators by sex:						
Male	65 575	3 436	15 514	4 734	9 395	7 604
Female	2 636	145	1 097	199	339	283
Operators of Spanish origin	301	9	173	20	26	7
Operators by principal occupation:						
Farming	30 909	954	3 789	1 383	3 335	3 430
Other	37 302	2 627	12 822	3 550	6 399	4 457
Operators reporting days of work off farm:						
None	24 093	1 176	3 691	1 150	2 629	2 472
1 to 99 days	5 523	132	823	287	624	611
100 to 199 days	5 396	287	1 113	439	1 023	713
200 days or more	30 950	1 934	10 608	2 925	5 153	3 807
FARMS BY SIZE						
1 to 9 acres	3 581	3 581	–	–	–	–
10 to 49 acres	16 611	–	16 611	–	–	–
50 to 69 acres	4 933	–	–	4 933	–	–
70 to 99 acres	9 734	–	–	–	9 734	–
100 to 139 acres	7 887	–	–	–	–	7 887
140 to 179 acres	5 614	–	–	–	–	–
180 to 219 acres	3 974	–	–	–	–	–
220 to 259 acres	3 126	–	–	–	–	–
260 to 499 acres	8 388	–	–	–	–	–
500 to 999 acres	3 509	–	–	–	–	–
1,000 to 1,999 acres	743	–	–	–	–	–
2,000 acres or more	111	–	–	–	–	–
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	23 849	230	5 144	1 901	3 883	3 203
Field crop, except cash grain farms (013)	7 240	84	1 926	685	1 460	1 061
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	7 240	84	1 926	685	1 460	1 061
Vegetable and melon farms (016)	2 061	150	917	172	247	205
Fruit and tree nut farms (017)	4 339	354	1 736	389	542	380
Horticultural specialty farms (018)	1 353	596	379	115	75	49
General farms, primarily crop (019)	3 249	14	1 328	214	481	302
Livestock farms, except dairy, poultry, and animal specialty (021)	15 497	1 306	3 838	1 176	2 475	1 879
Beef cattle farms, except feedlots (0212)	5 433	278	1 132	351	945	771
Dairy farms (024)	7 029	46	90	61	291	571
Poultry and egg farms (025)	654	152	175	47	68	53
Animal specialty farms (027)	1 889	496	864	138	145	108
General farms, primarily livestock (029)	1 051	153	214	35	67	76
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold—farms	68 211	3 581	16 611	4 933	9 734	7 887
$1,000	1 938 147	38 839	106 399	41 529	94 629	105 209
Farms by value of agricultural products sold:						
$500,000 or more	258	7	22	3	6	1
$200,000 to $499,999	1 205	23	37	11	12	19
$100,000 to $199,999	2 839	50	61	31	50	67
$40,000 to $99,999	7 805	120	217	115	255	363
$20,000 to $39,999	7 114	160	343	178	483	829
$10,000 to $19,999	8 699	160	747	463	1 354	1 911
$5,000 to $9,999	9 913	251	1 848	1 111	2 370	1 836
$2,500 to $4,999	9 963	552	3 397	1 244	2 128	1 191
Less than $2,500	20 415	2 258	9 939	1 777	3 076	1 670

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	5 149	3 589	2 765	6 893	2 532	417	39
acres	810 170	706 822	657 917	2 400 106	1 641 597	526 664	114 311
Partnership—farms	407	342	327	1 281	826	250	40
acres	64 458	67 315	77 453	467 905	564 219	315 802	101 848
Corporations:							
Family held—farms	38	31	28	183	118	69	27
acres	5 997	6 087	6 640	64 367	81 189	93 374	88 388
More than 10 stockholders—farms	2	1	1	1	2	3	3
10 or less stockholders—farms	36	30	27	182	116	66	24
Other than family held—farms	4	6	4	16	24	6	3
acres	576	1 216	(D)	5 503	17 728	(D)	(D)
More than 10 stockholders—farms	–	–	–	2	3	1	2
10 or less stockholders—farms	4	6	4	14	21	5	1
Other—cooperative, estate or trust, etc.—farms	16	6	2	15	9	1	2
acres	2 539	1 219	(D)	5 280	5 413	(D)	(D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	4 643	3 381	2 642	7 299	3 036	634	87
Not on farm operated	534	348	273	502	195	38	17
Operators by age group:							
Under 25 years	143	162	77	204	61	5	1
25 to 34 years	655	562	338	1 120	478	86	9
35 to 44 years	930	758	561	1 823	914	180	27
45 to 54 years	1 325	881	879	2 436	1 142	257	39
55 to 64 years	1 557	1 077	846	2 156	757	174	29
65 years and over	1 004	534	425	649	157	41	6
Average age	51.5	49.3	50.4	48.2	46.8	48.2	48.8
Operators by sex:							
Male	5 435	3 865	3 054	8 226	3 466	736	110
Female	179	109	72	162	43	7	1
Operators of Spanish origin	17	4	9	24	8	3	1
Operators by principal occupation:							
Farming	3 022	2 463	2 122	6 543	3 071	698	99
Other	2 592	1 511	1 004	1 845	438	45	12
Operators reporting days of work off farm:							
None	2 150	1 748	1 508	4 680	2 253	559	77
1 to 99 days	542	442	356	1 067	541	81	17
100 to 199 days	453	327	246	628	139	23	5
200 days or more	2 232	1 311	879	1 636	419	38	8
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	5 614	–	–	–	–	–	–
180 to 219 acres	–	3 974	–	–	–	–	–
220 to 259 acres	–	–	3 126	–	–	–	–
260 to 499 acres	–	–	–	8 388	–	–	–
500 to 999 acres	–	–	–	–	3 509	–	–
1,000 to 1,999 acres	–	–	–	–	–	743	–
2,000 acres or more	–	–	–	–	–	–	111
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	2 246	1 485	1 153	2 916	1 321	319	48
Field crop, except cash grain farms (013)	606	357	245	513	250	45	8
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	606	357	245	513	250	45	8
Vegetable and melon farms (016)	74	52	47	133	50	10	4
Fruit and tree nut farms (017)	272	194	112	239	95	24	2
Horticultural specialty farms (018)	28	26	15	42	22	4	2
General farms, primarily crop (019)	199	190	151	236	90	41	3
Livestock farms, except dairy, poultry, and animal specialty (021)	1 285	808	585	1 469	510	139	27
Beef cattle farms, except feedlots (0212)	566	347	247	573	172	41	10
Dairy farms (024)	733	758	729	2 569	1 041	129	11
Poultry and egg farms (025)	35	19	8	69	24	3	1
Animal specialty farms (027)	57	25	19	28	7	2	–
General farms, primarily livestock (029)	79	60	62	174	99	27	5
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold—farms	5 614	3 974	3 126	8 388	3 509	743	111
$1,000	111 152	111 122	111 438	492 494	428 542	207 779	89 016
Farms by value of agricultural products sold:							
$500,000 or more	3	2	1	25	59	78	51
$200,000 to $499,999	24	25	20	201	466	328	39
$100,000 to $199,999	93	100	144	939	1 068	227	9
$40,000 to $99,999	508	731	830	3 302	1 280	74	10
$20,000 to $39,999	1 048	935	884	1 941	294	17	2
$10,000 to $19,999	1 444	934	569	923	185	9	–
$5,000 to $9,999	1 019	606	333	466	69	4	–
$2,500 to $4,999	671	317	177	248	37	1	–
Less than $2,500	804	324	168	343	51	5	–

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 PRODUCTS SOLD—Con.							
Market value of agricultural products sold—Con.							
Grain	farms	37 601	190	6 340	2 688	5 606	4 864
	$1,000	519 232	438	13 981	9 681	25 888	32 453
Sales of $40,000 or more	farms	3 028	–	–	–	1	1
	$1,000	257 286	–	–	–	(D)	(D)
Commodity Credit Corporation loans	farms	3 406	–	177	123	325	373
	$1,000	30 118	–	146	132	397	772
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	16 422	95	2 775	1 208	2 874	2 397
	$1,000	56 617	113	3 739	2 199	5 981	6 703
Sales of $40,000 or more	farms	74	–	–	–	–	–
	$1,000	4 638	–	–	–	–	–
Vegetables, sweet corn, and melons	farms	4 155	251	1 406	298	485	395
	$1,000	98 325	645	9 668	4 180	6 620	6 257
Sales of $40,000 or more	farms	488	1	41	24	37	48
	$1,000	72 948	(D)	(D)	2 318	3 606	3 768
Fruits, nuts, and berries	farms	5 300	363	1 818	467	735	548
	$1,000	161 574	615	11 965	8 282	14 944	15 050
Sales of $40,000 or more	farms	1 065	–	37	63	122	138
	$1,000	127 818	–	2 329	4 409	8 709	10 344
Nursery and greenhouse products	farms	1 686	611	528	146	117	68
	$1,000	103 763	18 585	30 889	4 497	5 130	2 701
Sales of $40,000 or more	farms	395	109	119	25	34	20
	$1,000	94 884	15 712	28 283	3 629	4 336	2 153
Other crops	farms	2 257	15	221	69	177	179
	$1,000	73 462	30	549	307	1 059	1 750
Sales of $40,000 or more	farms	477	–	–	–	2	5
	$1,000	51 692	–	–	–	(D)	(D)
Poultry and poultry products	farms	3 858	295	1 061	285	708	369
	$1,000	78 197	6 898	9 863	1 630	10 555	3 761
Sales of $40,000 or more	farms	306	42	51	10	30	23
	$1,000	73 945	6 493	9 115	1 270	10 036	3 341
Dairy products	farms	8 399	58	156	97	419	718
	$1,000	434 999	1 015	2 016	989	4 988	12 924
Sales of $40,000 or more	farms	3 940	5	9	3	14	59
	$1,000	352 669	317	1 101	199	775	3 343
Cattle and calves	farms	24 521	746	2 897	1 284	2 888	2 993
	$1,000	262 503	3 171	7 216	3 919	10 049	12 429
Sales of $40,000 or more	farms	906	10	17	6	11	23
	$1,000	141 991	1 214	1 494	918	1 730	1 734
Hogs and pigs	farms	9 424	707	1 981	681	1 416	1 077
	$1,000	125 896	3 337	8 950	4 319	7 769	9 738
Sales of $40,000 or more	farms	728	18	33	16	33	38
	$1,000	80 680	1 382	2 720	1 697	2 373	3 954
Sheep, lambs, and wool	farms	2 510	135	572	130	524	239
	$1,000	4 819	178	476	213	501	427
Sales of $40,000 or more	farms	9	1	–	–	1	–
	$1,000	594	(D)	–	–	(D)	–
Other livestock and livestock products (see text)	farms	3 987	552	1 411	318	492	395
	$1,000	18 762	3 814	7 087	1 312	1 145	1 016
Sales of $40,000 or more	farms	69	10	18	6	3	7
	$1,000	8 761	759	3 701	680	354	485
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	21 314	1 439	4 887	1 530	2 703	2 328
	$1,000	148 807	5 411	7 278	3 577	8 402	7 442
Farms with expenses of—							
$1 to $4,999		17 478	1 276	4 676	1 404	2 433	2 009
$5,000 to $19,999		2 397	51	156	100	216	265
$20,000 to $49,999		892	95	39	10	40	33
$50,000 or more		547	17	16	16	14	21
Feed for livestock and poultry	farms	33 378	2 200	6 938	2 077	4 249	3 689
	$1,000	183 706	8 001	14 380	3 757	11 926	9 382
Farms with expenses of—							
$1 to $4,999		26 779	2 050	6 630	1 977	3 932	3 354
$5,000 to $19,999		4 879	69	232	70	235	274
$20,000 to $49,999		1 171	31	28	21	57	38
$50,000 or more		549	50	48	9	25	23
Commercially mixed formula feeds	farms	17 624	1 361	3 355	780	1 794	1 486
	tons	647 388	38 104	61 443	11 833	44 363	31 540
	$1,000	109 164	6 089	9 679	1 830	7 194	5 114
Farms by tons purchased:							
1 to 99 tons		16 671	1 304	3 299	760	1 746	1 441
100 to 499 tons		776	44	35	17	35	34
500 tons or more		177	13	21	3	13	11
Farms with expenses of—							
$1 to $4,999		13 911	1 264	3 173	724	1 664	1 340
$5,000 to $19,999		2 873	28	132	36	92	114
$20,000 to $49,999		503	28	8	15	22	18
$50,000 or more		337	41	42	5	16	14

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	3 724	2 680	2 156	5 893	2 743	625	92
$1,000	31 272	29 586	30 522	128 705	124 417	69 268	23 022
Sales of $40,000 or more—farms	12	39	87	1 056	1 265	485	82
$1,000	(D)	1 891	4 259	59 589	101 058	67 090	22 769
Commodity Credit Corporation loans—farms	339	295	217	844	519	167	27
$1,000	865	1 007	1 111	7 214	9 235	6 360	2 878
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	1 713	1 129	929	2 180	929	168	25
$1,000	5 462	4 470	3 614	13 102	8 391	2 521	321
Sales of $40,000 or more—farms	1	2	–	19	35	14	3
$1,000	(D)	(D)	–	1 060	2 238	1 024	164
Vegetables, sweet corn, and melons—farms	275	167	210	383	210	66	9
$1,000	4 084	3 719	5 876	19 419	17 720	14 177	5 958
Sales of $40,000 or more—farms	27	23	34	123	82	43	5
$1,000	2 572	2 341	3 266	16 375	15 935	13 816	5 910
Fruits, nuts, and berries—farms	350	255	174	390	156	39	5
$1,000	15 026	14 710	10 336	32 389	24 232	10 694	3 331
Sales of $40,000 or more—farms	144	137	88	201	104	27	4
$1,000	12 486	13 217	9 179	29 665	23 626	10 525	3 329
Nursery and greenhouse products—farms	43	40	22	66	33	8	4
$1,000	2 525	4 372	1 217	12 114	7 908	2 186	11 638
Sales of $40,000 or more—farms	10	13	9	29	20	4	3
$1,000	2 297	4 229	1 069	11 700	7 757	2 084	11 636
Other crops—farms	171	185	202	528	354	135	21
$1,000	2 268	3 214	3 901	16 225	21 341	17 207	5 611
Sales of $40,000 or more—farms	9	16	11	111	189	114	20
$1,000	694	1 146	1 048	8 611	17 567	16 673	5 577
Poultry and poultry products—farms	280	181	125	405	125	21	3
$1,000	4 773	2 528	874	16 524	11 035	3 142	6 614
Sales of $40,000 or more—farms	23	15	8	58	33	12	1
$1,000	4 418	2 277	(D)	15 741	10 847	3 098	(D)
Dairy products—farms	864	903	830	2 902	1 234	197	21
$1,000	22 104	29 329	33 549	165 587	123 777	31 432	7 290
Sales of $40,000 or more—farms	178	265	383	1 799	1 030	176	19
$1,000	10 013	15 918	23 911	140 010	119 012	30 834	7 236
Cattle and calves—farms	2 569	2 029	1 620	4 936	2 095	403	61
$1,000	14 477	12 673	13 451	56 717	61 769	43 702	22 930
Sales of $40,000 or more—farms	30	35	44	262	272	157	39
$1,000	3 152	2 117	3 572	22 219	41 373	39 881	22 588
Hogs and pigs—farms	748	500	414	1 253	503	127	17
$1,000	7 722	5 742	7 448	28 353	27 220	13 046	2 253
Sales of $40,000 or more—farms	48	45	56	204	168	59	10
$1,000	3 371	2 939	4 581	19 559	23 801	12 130	2 172
Sheep, lambs, and wool—farms	194	129	88	364	110	20	5
$1,000	432	372	188	1 195	593	212	30
Sales of $40,000 or more—farms	–	–	–	3	2	2	–
$1,000	–	–	–	203	(D)	(D)	–
Other livestock and livestock products (see text)—farms	199	116	97	313	73	18	3
$1,000	1 008	409	463	2 162	138	190	18
Sales of $40,000 or more—farms	6	2	2	13	–	2	–
$1,000	541	(D)	(D)	1 689	–	(D)	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased—farms	1 660	1 225	887	3 052	1 210	339	54
$1,000	6 825	5 755	4 756	29 152	32 610	25 965	11 633
Farms with expenses of—							
$1 to $4,999	1 334	955	672	2 005	602	97	15
$5,000 to $19,999	257	218	142	663	247	76	6
$20,000 to $49,999	50	36	61	250	206	65	7
$50,000 or more	19	16	12	134	155	101	26
Feed for livestock and poultry—farms	2 689	2 119	1 481	5 358	2 098	419	61
$1,000	10 350	9 545	7 744	48 412	36 432	14 766	9 010
Farms with expenses of—							
$1 to $4,999	2 250	1 641	1 010	2 961	847	118	9
$5,000 to $19,999	376	416	395	1 928	731	132	21
$20,000 to $49,999	32	48	61	363	393	91	8
$50,000 or more	31	14	15	106	127	78	23
Commercially mixed formula feeds—farms	1 357	1 198	859	3 609	1 513	276	36
tons	34 046	33 476	21 206	176 306	129 135	35 020	30 916
$1,000	5 707	5 441	4 016	29 960	22 121	6 497	5 516
Farms by tons purchased:							
1 to 99 tons	1 316	1 158	828	3 343	1 257	201	18
100 to 499 tons	25	32	28	228	226	62	10
500 tons or more	16	8	3	38	30	13	8
Farms with expenses of—							
$1 to $4,999	1 197	996	628	2 210	635	74	6
$5,000 to $19,999	127	172	204	1 183	648	126	11
$20,000 to $49,999	8	18	14	147	171	44	10
$50,000 or more	25	12	13	69	59	32	9

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	farms	26 970	1 366	4 974	1 610	3 052	2 969
	$1,000	13 693	310	882	367	592	757
Farms with expenses of—							
$1 to $499		20 773	1 259	4 600	1 499	2 882	2 646
$500 to $999		2 680	71	295	31	108	192
$1,000 to $2,999		2 684	27	69	65	46	112
$3,000 or more		833	9	10	15	16	19
Seeds, bulbs, plants, and trees	farms	49 763	1 335	9 093	3 480	6 904	6 293
	$1,000	81 155	2 886	6 587	1 871	3 950	4 853
Farms with expenses of—							
$1 to $999		32 444	1 118	8 640	3 182	6 099	4 832
$1,000 to $4,999		14 089	128	358	262	752	1 394
$5,000 to $9,999		2 180	33	34	12	32	44
$10,000 or more		1 050	56	61	24	21	23
Commercial fertilizer	farms	51 937	1 156	9 985	3 754	7 422	6 578
	$1,000	175 764	312	4 600	2 988	7 744	10 264
Farms with expenses of—							
$1 to $2,499		35 365	1 144	9 934	3 676	6 891	5 122
$2,500 to $9,999		12 175	9	48	78	524	1 454
$10,000 to $19,999		2 979	–	3	–	6	2
$20,000 or more		1 418	3	–	–	1	–
Other agricultural chemicals including lime	farms	47 023	1 341	9 046	3 221	6 497	5 669
	$1,000	68 498	248	2 447	1 420	3 386	4 366
Farms with expenses of—							
$1 to $2,499		40 358	1 333	8 973	3 154	6 314	5 401
$2,500 to $9,999		5 498	5	70	61	176	230
$10,000 to $19,999		846	2	3	6	6	37
$20,000 or more		321	1	–	–	1	1
Energy and petroleum products	farms	67 874	3 598	16 103	4 948	9 800	8 068
	$1,000	131 123	3 736	10 401	3 572	7 954	9 109
Farms with expenses of—							
$1 to $2,499		54 841	3 359	15 765	4 849	9 433	7 451
$2,500 to $9,999		11 025	173	256	82	348	602
$10,000 to $19,999		1 523	39	32	14	13	10
$20,000 or more		485	27	50	3	6	5
Petroleum products	farms	67 839	3 598	16 087	4 943	9 800	8 062
	$1,000	100 071	2 827	8 398	2 821	6 137	7 061
Gasoline	farms	63 943	3 178	15 255	4 631	9 098	7 681
	$1,000	48 196	1 022	4 422	1 795	3 934	4 574
Diesel fuel	farms	30 909	744	3 256	1 476	3 384	3 435
	$1,000	29 217	226	682	289	929	1 337
LP gas, butane, and propane	farms	6 997	144	595	244	445	534
	$1,000	7 403	66	391	109	163	207
Fuel oil	farms	5 794	248	917	332	658	682
	$1,000	3 753	284	557	110	467	261
Natural gas	farms	1 502	263	235	49	125	126
	$1,000	4 560	1 072	1 645	255	112	72
Kerosene, motor oil, and grease	farms	67 838	3 597	16 087	4 943	9 800	8 062
	$1,000	6 941	156	700	263	532	610
Electricity	farms	45 899	1 867	8 442	3 072	6 078	5 742
	$1,000	30 339	787	1 943	720	1 759	1 978
Other—coal, wood, coke, etc	farms	2 137	86	318	162	316	292
	$1,000	713	122	60	31	59	70
Hired farm labor	farms	22 907	670	3 279	1 242	2 488	2 675
	$1,000	136 398	4 801	11 303	3 504	6 419	7 350
Farms with expenses of—							
$1 to $4,999		17 936	517	3 010	1 085	2 236	2 347
$5,000 to $19,999		3 533	91	187	97	209	269
$20,000 to $49,999		1 010	38	48	56	32	45
$50,000 or more		428	24	34	4	11	14
Workers by number of days worked:							
150 days or more	farms	6 985	195	450	214	323	517
	workers	18 346	686	1 495	442	690	1 041
Less than 150 days	farms	20 142	605	3 113	1 149	2 345	2 466
	workers	124 535	3 504	15 846	6 541	11 987	12 255
Contract labor	farms	3 304	141	728	247	383	370
	$1,000	12 430	231	1 041	610	1 032	956
Farms with expenses of—							
$1 to $2,499		2 445	124	655	201	296	287
$2,500 to $9,999		615	9	65	33	69	50
$10,000 to $19,999		139	7	6	8	12	22
$20,000 or more		105	1	2	5	6	11
Customwork, machine hire, and rental of machinery and equipment	farms	27 238	508	5 356	2 119	4 017	3 502
	$1,000	27 150	331	2 166	1 163	2 301	2 974
Farms with expenses of—							
$1 to $2,499		24 702	489	5 247	2 062	3 888	3 321
$2,500 to $9,999		2 317	18	105	55	129	159
$10,000 to $19,999		182	1	3	2	–	22
$20,000 or more		37	–	1	–	–	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	farms	6 013	135	497	262	535	610
	$1,000	12 499	598	491	243	681	754
Value of agricultural products sold directly to individuals for human consumption	farms	6 785	727	2 197	511	876	625
	$1,000	22 404	782	3 842	1 517	2 808	2 935

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	2 286	1 880	1 434	4 867	2 065	407	60
$1,000	714	787	695	4 073	3 059	1 053	402
Farms with expenses of—							
$1 to $499	1 896	1 393	993	2 673	805	113	14
$500 to $999	243	263	205	845	359	64	4
$1,000 to $2,999	120	198	219	1 078	609	126	15
$3,000 or more	27	26	17	271	292	104	27
Seeds, bulbs, plants, and trees—farms	4 591	3 520	2 675	7 788	3 249	725	110
$1,000	4 451	4 342	4 282	19 331	16 442	8 088	4 071
Farms with expenses of—							
$1 to $999	2 984	1 891	1 098	2 101	459	36	4
$1,000 to $4,999	1 542	1 531	1 475	4 937	1 549	145	16
$5,000 to $9,999	52	80	87	609	936	244	17
$10,000 or more	13	18	15	141	305	300	73
Commercial fertilizer—farms	4 775	3 552	2 734	7 852	3 287	732	110
$1,000	10 147	10 069	9 950	48 033	42 869	21 338	7 449
Farms with expenses of—							
$1 to $2,499	3 155	1 870	1 116	2 033	395	28	1
$2,500 to $9,999	1 611	1 630	1 506	4 241	988	77	9
$10,000 to $19,999	9	51	111	1 461	1 177	155	4
$20,000 or more	–	1	1	117	727	472	96
Other agricultural chemicals including lime—farms	4 190	3 200	2 537	7 368	3 143	703	108
$1,000	3 744	3 850	4 086	17 509	15 864	8 292	3 286
Farms with expenses of—							
$1 to $2,499	3 936	2 891	2 186	5 027	1 045	89	9
$2,500 to $9,999	240	277	299	2 143	1 735	243	19
$10,000 to $19,999	12	24	45	141	278	260	32
$20,000 or more	2	8	7	57	85	111	48
Energy and petroleum products—farms	5 563	3 986	3 018	8 530	3 407	742	111
$1,000	8 915	8 069	7 220	32 821	24 939	10 820	3 566
Farms with expenses of—							
$1 to $2,499	4 768	3 018	2 006	3 603	554	32	3
$2,500 to $9,999	761	940	950	4 551	2 107	244	11
$10,000 to $19,999	21	19	59	313	650	322	31
$20,000 or more	13	9	3	63	96	144	66
Petroleum products—farms	5 555	3 986	3 018	8 530	3 407	742	111
$1,000	6 650	6 002	5 662	24 312	18 789	8 496	2 915
Gasoline—farms	5 309	3 793	2 876	8 014	3 276	723	109
$1,000	3 996	3 264	3 040	11 207	7 319	2 724	898
Diesel fuel—farms	2 906	2 619	2 203	6 998	3 068	713	107
$1,000	1 547	1 639	1 682	8 318	7 505	3 766	1 297
LP gas, butane, and propane—farms	453	507	424	1 933	1 249	403	66
$1,000	272	236	289	2 001	2 066	1 194	408
Fuel oil—farms	427	368	364	1 002	596	162	38
$1,000	139	147	213	808	472	222	73
Natural gas—farms	61	74	88	280	132	46	23
$1,000	170	252	43	339	319	167	115
Kerosene, motor oil, and grease—farms	5 555	3 986	3 018	8 530	3 407	742	111
$1,000	527	463	395	1 639	1 109	423	124
Electricity—farms	4 287	3 081	2 355	7 125	3 057	693	100
$1,000	2 180	2 043	1 510	8 352	6 100	2 319	650
Other—coal, wood, coke, etc.—farms	258	107	106	359	111	18	4
$1,000	85	25	47	157	50	6	1
Hired farm labor—farms	2 042	1 660	1 361	4 509	2 286	595	100
$1,000	6 973	7 155	5 629	32 033	27 979	14 557	8 694
Farms with expenses of—							
$1 to $4,999	1 790	1 375	1 095	3 160	1 147	164	10
$5,000 to $19,999	189	227	211	1 026	784	221	22
$20,000 to $49,999	48	45	42	225	255	145	31
$50,000 or more	15	13	13	98	100	65	37
Workers by number of days worked:							
150 days or more—farms	504	478	367	2 008	1 394	444	91
workers	1 089	865	759	4 613	4 161	1 595	910
Less than 150 days—farms	1 787	1 469	1 204	3 673	1 788	463	80
workers	9 789	8 918	6 662	27 777	14 402	5 054	1 800
Contract labor—farms	274	238	146	437	261	68	11
$1,000	961	714	530	2 098	2 421	760	1 077
Farms with expenses of—							
$1 to $2,499	179	158	118	278	128	18	3
$2,500 to $9,999	79	61	16	107	92	30	4
$10,000 to $19,999	5	13	5	34	14	12	1
$20,000 or more	11	6	7	18	27	8	3
Customwork, machine hire, and rental of machinery and equipment—farms	2 475	1 837	1 380	4 072	1 563	357	52
$1,000	2 522	1 802	1 509	6 048	4 068	1 833	434
Farms with expenses of—							
$1 to $2,499	2 210	1 663	1 250	3 307	1 075	175	15
$2,500 to $9,999	254	169	118	738	412	132	28
$10,000 to $19,999	11	4	12	23	67	32	5
$20,000 or more	–	1	–	4	9	18	4
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services—farms	592	476	402	1 426	853	200	25
$1,000	862	683	582	3 231	2 903	1 214	257
Value of agricultural products sold directly to individuals for human consumption—farms	452	326	215	561	248	44	3
$1,000	2 161	1 588	805	2 870	2 579	485	31

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 ---farms	68 110	3 680	16 176	4 968	9 820	8 085
$1,000	2 070 588	34 681	163 681	67 310	156 794	167 457
Farms by value group:						
$1 to $4,999	8 703	868	4 423	783	1 222	698
$5,000 to $9,999	18 558	2 122	7 050	1 848	3 266	1 968
$10,000 to $19,999	13 290	361	3 031	1 370	2 744	2 278
$20,000 to $49,999	14 500	244	1 258	791	2 053	2 374
$50,000 to $99,999	8 237	68	364	149	452	663
$100,000 to $199,999	3 717	13	45	25	74	89
$200,000 to $499,999	1 053	4	5	2	8	15
$500,000 or more	52	–	–	–	1	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ---farms	46 441	1 682	7 919	3 217	6 528	5 891
number	64 994	2 264	10 447	4 229	8 699	7 767
Motortrucks, including pickups ---farms	55 328	2 563	11 531	3 826	7 703	6 704
number	83 335	3 106	14 110	4 677	9 583	9 354
Wheel tractors ---farms	62 695	2 815	14 261	4 570	8 987	7 531
number	157 557	4 478	23 021	8 936	18 858	17 958
2 or 3 ---farms	32 152	848	5 963	2 645	5 582	4 906
number	76 764	1 949	13 122	5 989	12 807	11 707
4 or more ---farms	12 746	175	436	296	765	1 027
number	62 996	737	2 037	1 318	3 411	4 653
Grain and bean combines, self-propelled only ---farms	18 344	98	1 172	706	1 871	2 067
number	19 470	98	1 188	733	1 971	2 147
Cornpickers, corn heads, and picker-shellers ---farms	26 865	369	2 927	1 659	3 221	3 288
number	31 684	395	3 075	1 823	3 588	3 754
Corn heads for combines ---farms	10 598	75	385	307	663	859
number	11 330	75	395	308	691	890
Other cornpickers and picker-shellers ---farms	19 454	313	2 629	1 467	2 790	2 740
number	20 354	320	2 680	1 515	2 897	2 864
Cottonpickers ---farms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ---farms	20 680	232	2 270	1 194	2 515	2 336
number	22 055	259	2 589	1 400	2 633	2 460
Pickup balers ---farms	25 181	208	2 909	1 424	3 496	3 354
number	26 027	208	2 942	1 438	3 547	3 412
Field forage harvesters, shear bar or flywheel type ---farms	11 167	72	554	387	891	1 063
number	12 974	83	600	410	994	1 190
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ---farms	55 739	1 612	11 622	4 057	7 892	6 852
$1,000	244 262	560	7 048	4 408	11 130	14 630
Commercial fertilizer ---farms	50 808	974	9 623	3 674	7 268	6 389
acres on which used	5 740 804	3 311	155 378	107 233	281 408	369 590
Lime ---farms	8 139	91	1 145	437	958	1 075
acres on which used	260 788	633	11 861	6 724	14 193	24 001
tons	548 842	1 643	25 702	13 988	31 299	49 343
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ---farms	17 785	496	3 049	1 147	2 240	2 097
acres on which used	1 550 296	1 339	37 721	25 363	64 772	94 952
Nematodes in crops ---farms	2 612	43	331	101	286	323
acres on which used	226 963	81	4 398	2 152	6 945	12 900
Diseases in crops and orchards ---farms	7 647	440	2 091	585	995	825
acres on which used	419 155	950	20 697	11 889	26 070	30 342
Weeds, grass, or brush in crops and pasture ---farms	33 791	519	5 813	2 277	4 573	3 961
acres on which used	3 704 356	1 930	92 699	62 019	161 931	215 689
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ---farms	2 102	60	333	110	293	314
acres on which used	94 111	102	2 898	1 823	4 976	9 787
Insect control on livestock and poultry ---farms	12 144	374	1 837	684	1 379	1 235
Sanitation and rodent and bird control ---farms	8 544	413	1 495	547	1 123	907
LIVESTOCK						
Cattle and calves inventory ---farms	28 393	899	4 845	1 640	3 813	3 212
number	1 272 703	10 908	38 271	18 612	52 458	67 923
Farms with—						
1 to 9	9 529	526	3 720	909	1 882	993
10 to 49	11 439	346	1 080	707	1 835	1 983
50 to 99	4 071	15	31	18	81	210
100 to 199	2 345	8	5	4	11	22
200 to 499	882	4	8	2	1	4
500 or more	127	–	1	–	3	–
Cows and heifers that had calved ---farms	21 225	547	2 934	983	2 846	2 393
number	530 983	3 601	13 236	6 364	21 029	28 808
Beef cows ---farms	11 822	266	2 076	779	1 991	1 618
number	145 627	2 168	9 562	4 769	14 012	14 321
Farms with—						
1 to 9	7 456	243	1 835	653	1 580	1 034
10 to 49	3 936	19	240	123	402	574
50 to 99	300	3	1	2	5	9
100 to 199	97	1	–	1	1	1
200 to 499	28	–	–	–	1	–
500 or more	5	–	–	–	2	–

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	5 575	3 996	3 018	8 530	3 408	743	111
$1,000	151 494	144 965	124 012	540 878	353 591	133 085	32 638
Farms by value group:							
$1 to $4,999	339	191	74	91	11	3	-
$5,000 to $9,999	965	461	334	468	67	9	-
$10,000 to $19,999	1 360	801	411	766	158	9	1
$20,000 to $49,999	2 005	1 480	1 193	2 501	545	53	3
$50,000 to $99,999	772	798	776	3 087	1 005	92	11
$100,000 to $199,999	125	247	211	1 352	1 228	284	24
$200,000 to $499,999	8	18	18	265	384	274	52
$500,000 or more	1	-	1	-	10	19	20
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---farms	4 512	3 291	2 479	7 311	2 916	613	82
number	6 297	4 299	3 503	11 153	4 925	1 209	202
Motortrucks, including pickups ---farms	4 765	3 456	2 672	7 989	3 288	722	109
number	6 908	5 127	4 097	14 627	8 096	2 863	787
Wheel tractors ---farms	5 349	3 798	2 842	8 338	3 363	731	110
number	14 496	11 021	8 837	29 810	15 030	4 154	958
2 or 3 ---farms	3 222	2 421	1 597	3 783	1 069	109	7
number	7 895	6 161	4 073	9 934	2 814	293	20
4 or more ---farms	1 274	960	965	3 934	2 204	607	103
number	5 748	4 443	4 484	19 255	12 126	3 846	938
Grain and bean combines, self-propelled only ---farms	1 870	1 536	1 333	4 584	2 410	611	86
number	1 951	1 588	1 403	4 875	2 673	711	132
Cornpickers, corn heads, and picker-shellers ---farms	2 699	2 226	1 629	5 644	2 493	618	92
number	3 300	2 685	1 940	6 912	3 242	823	147
Corn heads for combines ---farms	884	855	794	3 124	2 008	562	82
number	966	900	823	3 370	2 153	634	125
Other cornpickers and picker-shellers ---farms	2 173	1 723	1 047	3 359	1 027	166	20
number	2 334	1 785	1 117	3 542	1 089	189	22
Cottonpickers ---farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ---farms	2 102	1 789	1 291	4 548	1 961	385	57
number	2 170	1 840	1 352	4 771	2 098	421	62
Pickup balers ---farms	2 580	2 162	1 547	5 043	1 983	416	59
number	2 657	2 196	1 599	5 327	2 165	463	73
Field forage harvesters, shear bar or flywheel type ---farms	1 043	1 114	863	3 347	1 476	311	46
number	1 219	1 306	1 031	3 922	1 764	383	72
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ---farms	4 944	3 671	2 835	8 067	3 339	738	110
$1,000	13 891	13 919	14 036	65 542	58 733	29 630	10 734
Commercial fertilizer ---farms	4 710	3 520	2 715	7 816	3 278	731	110
acres on which used	371 135	370 412	362 311	1 595 158	1 309 289	614 645	200 934
Lime ---farms	749	573	484	1 603	809	176	39
acres on which used	16 686	25 770	13 377	59 846	53 510	20 541	13 646
tons	37 459	42 251	31 348	128 203	113 206	42 989	31 411
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ---farms	1 599	1 065	1 006	3 040	1 546	427	73
acres on which used	86 458	74 770	90 551	385 744	364 774	230 384	93 468
Nematodes in crops ---farms	214	194	136	603	299	65	17
acres on which used	10 598	10 839	9 687	65 549	63 896	28 468	11 450
Diseases in crops and orchards ---farms	508	501	318	864	404	96	20
acres on which used	24 744	34 937	24 916	91 370	82 408	39 302	31 530
Weeds, grass, or brush in crops and pasture ---farms	3 131	2 428	1 967	5 886	2 585	563	88
acres on which used	221 129	212 537	238 154	1 017 618	903 646	419 891	157 113
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ---farms	190	143	99	339	175	36	10
acres on which used	6 243	6 800	3 207	20 827	19 611	11 121	6 716
Insect control on livestock and poultry ---farms	1 063	914	664	2 544	1 144	265	41
Sanitation and rodent and bird control ---farms	614	525	418	1 497	794	178	33
LIVESTOCK							
Cattle and calves inventory ---farms	2 697	2 078	1 645	5 005	2 102	396	61
number	81 668	81 969	83 151	375 461	297 212	115 565	49 505
Farms with—							
1 to 9	538	297	181	382	88	11	2
10 to 49	1 670	1 125	738	1 520	399	34	2
50 to 99	437	561	546	1 705	424	39	4
100 to 199	40	86	171	1 208	685	99	6
200 to 499	12	9	9	187	470	157	19
500 or more	-	-	-	3	36	56	28
Cows and heifers that had calved ---farms	2 131	1 690	1 344	4 273	1 758	286	40
number	36 384	38 859	38 870	176 567	122 784	33 150	11 331
Beef cows ---farms	1 256	858	560	1 651	631	114	22
number	14 346	11 372	8 705	31 379	21 700	7 866	5 427
Farms with—							
1 to 9	704	432	228	602	132	13	-
10 to 49	534	405	315	934	346	38	6
50 to 99	12	18	15	95	106	32	2
100 to 199	4	2	1	18	41	23	4
200 to 499	2	1	1	2	6	8	7
500 or more	-	-	-	-	-	-	3

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	11 113	294	1 081	260	1 097	979
number	385 356	1 433	3 674	1 595	7 017	14 487
Farms with—						
1 to 4	2 950	247	973	168	710	284
5 to 9	492	10	44	36	112	99
10 to 49	4 836	31	56	53	266	577
50 to 99	2 098	6	5	3	9	18
100 to 199	660	–	1	–	–	1
200 to 499	73	–	2	–	–	–
500 or more	4	–	–	–	–	–
Heifers and heifer calves—farms	20 737	610	2 930	978	2 644	2 265
number	386 875	3 605	10 443	4 636	13 853	18 650
Steers, steer calves, bulls, and bull calves—farms	22 667	688	3 358	1 361	3 033	2 638
number	354 845	3 702	14 592	7 612	17 576	20 465
Cattle and calves sold—farms	24 521	746	2 897	1 284	2 888	2 993
number	683 971	11 235	23 553	12 426	29 508	37 935
$1,000	262 503	3 171	7 216	3 919	10 049	12 429
Calves—farms	12 222	216	1 091	473	1 256	1 391
number	191 015	5 257	8 515	5 507	9 718	13 136
$1,000	25 758	991	1 580	1 016	1 547	2 191
Cattle—farms	21 492	634	2 480	1 119	2 496	2 596
number	492 956	5 978	15 038	6 919	19 790	24 799
$1,000	236 744	2 179	5 636	2 903	8 502	10 238
Fattened on grain and concentrates—farms	9 233	354	1 421	675	1 197	1 175
number	290 196	3 326	7 201	4 091	10 520	12 703
$1,000	149 108	1 177	2 984	1 732	4 830	5 335
Hogs and pigs inventory—farms	10 900	994	2 830	715	1 589	1 109
number	956 760	31 626	84 183	37 914	69 696	70 928
Farms with—						
1 to 9	4 241	452	1 596	216	800	363
10 to 49	3 431	433	848	294	453	390
50 to 99	1 199	43	206	129	165	160
100 to 199	872	35	113	37	86	97
200 to 499	739	25	52	32	65	84
500 or more	418	6	15	7	20	15
Used or to be used for breeding—farms	6 840	588	1 620	527	862	774
number	162 815	7 106	19 701	6 596	12 093	12 764
Other—farms	10 020	930	2 542	642	1 444	1 030
number	793 945	24 520	64 482	31 318	57 603	58 164
Hogs and pigs sold—farms	9 424	707	1 981	681	1 416	1 077
number	1 415 153	42 832	121 367	57 047	102 078	121 032
$1,000	125 896	3 337	8 950	4 319	7 769	9 738
Feeder pigs sold—farms	2 913	165	830	316	425	297
number	321 584	14 415	51 949	25 685	40 078	35 491
$1,000	13 964	572	2 153	1 152	1 702	1 510
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30—farms	7 356	745	1 801	547	893	806
number	176 650	5 356	16 636	7 670	13 605	14 350
Dec. 1 and May 31—farms	5 832	551	1 330	449	716	655
number	83 743	2 588	7 661	3 783	6 548	6 511
June 1 and Nov. 30—farms	5 981	507	1 356	457	735	681
number	92 907	2 768	8 975	3 887	7 057	7 839
Sheep and lambs of all ages inventory—farms	2 614	196	577	136	533	250
number	112 493	3 763	10 132	3 998	22 781	9 700
Ewes 1 year old or older—farms	2 324	189	513	126	499	225
number	66 761	2 498	6 286	2 421	15 250	6 333
Sheep and lambs sold—farms	2 256	134	472	120	511	226
number	77 616	3 068	7 611	4 059	7 848	7 077
Sheep and lambs shorn—farms	2 323	126	516	116	496	222
number	95 313	3 938	8 591	3 098	16 083	8 661
pounds of wool	721 877	29 047	66 152	26 909	94 756	69 912
Horses and ponies inventory—farms	12 160	794	4 003	976	2 022	1 186
number	53 948	2 617	16 699	4 728	8 514	5 964
Horses and ponies sold—farms	2 637	306	1 008	236	335	272
number	7 572	824	2 411	641	824	778
$1,000	8 948	1 930	2 664	653	788	604
Goats inventory—farms	939	30	466	79	85	86
number	5 134	230	2 118	374	429	508
Goats sold—farms	325	12	86	26	36	46
number	1 396	86	609	122	206	138
$1,000	41	2	20	4	5	3
POULTRY						
Chickens 3 months old or older inventory—farms	8 115	596	2 796	583	1 130	881
number	7 073 150	686 595	1 012 994	138 930	737 159	480 899
Farms with—						
1 to 399	7 690	551	2 738	564	1 081	839
400 to 3,199	147	7	12	11	24	20
3,200 to 9,999	87	19	14	2	7	6
10,000 to 19,999	96	12	20	4	14	7
20,000 to 49,999	63	4	7	2	2	8
50,000 to 99,999	25	3	5	–	1	1
100,000 or more	7	–	–	–	1	–
Hens and pullets of laying age—farms	7 932	532	2 756	575	1 109	871
number	6 249 250	592 950	887 072	137 590	702 758	433 247
Pullets 3 months old or older not of laying age—farms	1 471	265	590	60	157	82
number	823 900	93 645	125 922	1 340	34 401	47 652

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 ——— farms	1 043	1 001	883	2 989	1 267	199	20
number	22 038	27 487	30 165	145 188	101 084	25 284	5 904
Farms with—							
1 to 4	195	113	71	149	36	4	–
5 to 9	71	45	27	34	13	1	–
10 to 49	719	748	601	1 467	295	21	2
50 to 99	56	88	177	1 161	520	53	2
100 to 199	2	6	7	172	374	93	4
200 to 499	–	1	–	6	29	26	9
500 or more	–	–	–	–	–	1	3
Heifers and heifer calves ——— farms	2 074	1 652	1 337	4 138	1 766	295	48
number	23 076	24 039	26 196	123 929	97 548	29 686	11 214
Steers, steer calves, bulls, and bull calves ——— farms	2 279	1 750	1 341	4 026	1 794	344	55
number	22 208	19 071	18 085	74 965	76 880	52 729	26 960
Cattle and calves sold ——— farms	2 569	2 029	1 620	4 936	2 095	403	61
number	43 607	38 863	39 203	163 329	153 710	88 807	41 795
$1,000	14 477	12 673	13 451	56 717	61 769	43 702	22 930
Calves ——— farms	1 352	1 049	999	2 961	1 232	178	24
number	16 586	14 806	14 569	56 033	35 297	9 038	2 553
$1,000	2 621	1 824	1 754	6 077	4 264	1 310	583
Cattle ——— farms	2 208	1 794	1 428	4 439	1 869	375	54
number	27 021	24 057	24 634	107 296	118 413	79 769	39 242
$1,000	11 856	10 849	11 697	50 640	57 505	42 392	22 347
Fattened on grain and concentrates ——— farms	930	676	476	1 434	687	175	33
number	12 792	9 874	11 295	50 962	72 267	59 846	35 319
$1,000	5 685	4 588	5 691	25 580	37 248	33 898	20 361
Hogs and pigs inventory ——— farms	792	524	439	1 276	496	119	17
number	66 708	43 651	59 191	207 951	182 674	86 417	15 821
Farms with—							
1 to 9	216	155	91	290	52	9	1
10 to 49	277	173	115	330	104	12	2
50 to 99	112	67	72	171	63	9	2
100 to 199	91	57	84	189	67	14	2
200 to 499	68	60	48	176	98	28	3
500 or more	28	12	29	120	112	47	7
Used or to be used for breeding ——— farms	578	355	305	823	324	75	9
number	10 662	8 106	10 406	32 186	27 467	14 247	1 481
Other ——— farms	730	479	411	1 197	484	114	17
number	56 046	35 545	48 785	175 765	155 207	72 170	14 340
Hogs and pigs sold ——— farms	748	500	414	1 253	503	127	17
number	92 495	68 159	83 681	308 430	270 353	127 655	20 024
$1,000	7 722	5 742	7 448	28 353	27 220	13 046	2 253
Feeder pigs sold ——— farms	229	138	124	286	89	13	1
number	27 857	19 039	21 124	54 872	25 639	(D)	(D)
$1,000	1 263	812	952	2 474	1 150	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ——— farms	603	377	312	852	334	77	9
number	13 030	8 649	10 139	37 605	31 619	15 765	2 226
Dec. 1 and May 31 ——— farms	477	299	262	727	289	69	8
number	6 180	4 104	4 726	19 095	14 198	7 264	1 085
June 1 and Nov. 30 ——— farms	522	315	266	759	304	71	8
number	6 850	4 545	5 413	18 510	17 421	8 501	1 141
Sheep and lambs of all ages inventory ——— farms	197	133	94	363	105	24	6
number	9 725	8 518	4 961	24 517	8 651	5 103	644
Ewes 1 year old or older ——— farms	182	124	91	256	95	20	4
number	5 820	5 108	2 821	13 613	4 702	1 510	399
Sheep and lambs sold ——— farms	181	122	87	272	107	20	4
number	7 009	5 608	3 224	19 139	9 219	3 127	627
Sheep and lambs shorn ——— farms	181	121	85	346	92	18	4
number	8 710	7 026	4 114	23 081	8 792	2 788	431
pounds of wool	70 033	62 658	33 328	178 111	65 930	21 362	3 679
Horses and ponies inventory ——— farms	746	532	351	988	473	71	18
number	3 644	2 261	1 560	5 188	1 988	637	148
Horses and ponies sold ——— farms	138	78	60	140	49	12	3
number	531	238	186	695	240	136	68
$1,000	588	117	169	1 153	109	154	18
Goats inventory ——— farms	37	9	16	113	14	4	–
number	234	68	142	931	85	15	–
Goats sold ——— farms	10	3	2	96	7	1	–
number	75	14	(D)	101	31	(D)	–
$1,000	1	(Z)	(D)	3	1	(D)	–
POULTRY							
Chickens 3 months old or older inventory ——— farms	581	381	234	673	223	35	2
number	425 928	261 382	(D)	1 551 400	1 262 991	401 479	(D)
Farms with—							
1 to 399	544	357	216	594	181	23	2
400 to 3,199	18	12	10	22	10	1	–
3,200 to 9,999	4	2	3	19	9	2	–
10,000 to 19,999	9	6	4	12	6	2	–
20,000 to 49,999	4	4	1	18	10	3	–
50,000 to 99,999	2	–	–	5	5	3	–
100,000 or more	–	–	–	3	2	1	–
Hens and pullets of laying age ——— farms	567	375	229	661	222	33	2
number	324 170	244 292	(D)	1 281 120	1 202 706	330 464	(D)
Pullets 3 months old or older not of laying age ——— farms	82	49	15	147	19	4	1
number	101 758	17 090	(D)	270 280	60 285	71 015	(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	1 509	89	288	88	408	176
	number	6 625 168	644 725	1 115 069	136 722	646 117	523 700
Broilers and other meat-type chickens sold	farms	615	127	151	45	77	82
	number	501 699	178 158	51 510	42 340	25 673	88 883
Farms with—							
1 to 1,999		591	120	148	43	74	79
2,000 to 59,999		21	5	3	2	3	2
60,000 to 99,999		3	2	–	–	–	1
100,000 or more		–	–	–	–	–	–
Turkey hens kept for breeding	farms	253	4	111	24	35	13
	number	40 332	36	4 555	1 895	125	24
Turkeys sold	farms	513	43	115	15	275	10
	number	1 112 357	606	154 944	3 341	148 156	1 645
CROPS HARVESTED							
Corn for all purposes	farms	37 769	294	5 498	2 430	5 018	4 775
	acres	2 814 831	1 405	69 146	47 233	117 494	154 340
For grain or seed	farms	35 396	286	5 034	2 341	4 799	4 441
	acres	2 384 673	1 378	62 604	44 842	109 138	140 577
	bushels	188 087 193	74 313	4 227 692	3 003 633	7 591 510	10 233 358
Irrigated	farms	802	1	28	8	42	38
	acres	99 377	(D)	278	(D)	1 059	1 501
Farms by acres harvested:							
1 to 24 acres		14 644	286	4 437	1 689	3 088	2 133
25 to 99 acres		14 055	–	597	652	1 711	2 209
100 to 499 acres		6 252	–	–	–	–	99
500 acres or more		445	–	–	–	–	–
Wheat for grain	farms	14 380	10	1 098	730	1 875	1 947
	acres	382 083	38	10 742	8 293	25 046	30 876
	bushels	15 042 125	1 577	352 251	293 588	905 434	1 156 726
Irrigated	farms	24	–	–	–	1	3
	acres	1 191	–	–	–	(D)	96
Farms by acres harvested:							
1 to 24 acres		9 494	10	1 071	687	1 674	1 648
25 to 99 acres		4 369	–	27	43	201	294
100 to 499 acres		511	–	–	–	–	5
500 acres or more		6	–	–	–	–	–
Oats for grain	farms	18 572	15	1 584	1 022	2 362	2 408
	acres	408 109	64	13 414	10 964	28 319	34 356
	bushels	23 366 826	3 385	670 265	524 309	1 507 201	1 873 710
Irrigated	farms	27	–	3	–	1	2
	acres	643	–	15	–	(D)	(D)
Barley for grain	farms	753	–	26	24	49	57
	acres	19 314	–	192	184	428	619
	bushels	920 822	–	6 942	7 713	21 220	27 091
Irrigated	farms	1	–	–	–	–	–
	acres	(D)	–	–	–	–	–
Soybeans for beans	farms	14 503	118	2 368	974	2 021	1 795
	acres	898 052	592	40 608	25 557	64 711	70 624
	bushels	21 354 896	12 642	864 658	550 963	1 399 849	1 566 639
Irrigated	farms	201	–	8	6	11	14
	acres	11 307	–	80	139	148	485
Farms by acres harvested:							
1 to 24 acres		5 192	118	1 859	505	871	615
25 to 99 acres		6 760	–	509	469	1 150	1 116
100 to 499 acres		2 448	–	–	–	–	64
500 acres or more		103	–	–	–	–	–
Dry field and seed beans	farms	5 454	8	451	214	642	623
	acres	454 559	33	7 153	5 427	19 939	24 973
	100-lb bags	5 309 788	334	81 459	58 333	236 943	282 418
Irrigated	farms	67	–	1	1	3	5
	acres	7 723	–	(D)	(D)	76	235
Irish potatoes	farms	846	16	181	29	74	80
	acres	43 805	24	416	118	454	914
	hundredweight	10 002 744	3 253	70 541	18 643	68 114	166 406
Irrigated	farms	214	1	23	4	9	10
	acres	21 402	(D)	82	(D)	146	235
Farms by acres harvested:							
0.1 to 0.9 acres		232	7	106	10	29	21
1.0 to 4.9 acres		197	8	52	14	27	27
5.0 to 24.9 acres		105	1	21	4	11	19
25.0 to 99.9 acres		166	–	2	1	7	13
100.0 acres or more		146	–	–	–	–	–
Sugar beets for sugar	farms	1 597	3	111	40	122	114
	acres	91 589	12	741	563	1 955	2 642
	tons	1 712 060	203	14 107	10 013	37 143	47 701
Irrigated	farms	19	–	–	1	1	1
	acres	796	–	–	(D)	(D)	(D)
Hay crops (see text)	farms	36 123	277	6 443	2 433	5 427	4 759
	acres	1 630 163	1 203	78 886	43 671	122 783	142 882
	tons, dry	3 722 636	3 830	136 548	82 964	234 109	276 689
Irrigated	farms	217	1	14	4	12	13
	acres	9 788	(D)	108	(D)	192	273
Farms by acres harvested:							
1 to 24 acres		17 562	277	5 853	1 870	3 405	2 363
25 to 99 acres		14 326	–	590	563	2 017	2 318
100 to 499 acres		4 176	–	–	–	5	78
500 acres or more		59	–	–	–	–	–

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	108	62	52	160	60	17	1
number	955 070	127 467	(D)	1 311 080	822 800	273 670	(D)
Broilers and other meat-type chickens sold—farms	36	27	13	37	19	1	–
number	10 459	22 364	(D)	79 532	1 512	(D)	–
Farms with—							
1 to 1,999	35	26	13	33	19	1	–
2,000 to 59,999	1	1	–	4	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	26	15	6	11	8	–	–
number	5 882	2 732	3 214	12 543	9 326	–	–
Turkeys sold—farms	13	9	3	18	9	2	1
number	24 434	49 341	3 186	127 164	6 036	(D)	(D)
CROPS HARVESTED							
Corn for all purposes—farms	3 850	2 886	2 347	6 841	3 048	678	104
acres	165 124	161 047	162 531	764 217	701 407	346 779	124 108
For grain or seed—farms	3 622	2 701	2 195	6 355	2 880	647	95
acres	144 880	136 275	136 115	623 286	585 535	298 412	101 631
bushels	10 492 964	10 270 966	10 473 195	49 018 361	48 023 234	25 776 325	8 901 642
Irrigated—farms	27	46	51	202	243	88	28
acres	1 596	2 651	3 941	19 242	35 057	18 526	15 330
Farms by acres harvested:							
1 to 24 acres	1 256	664	384	608	93	6	–
25 to 99 acres	2 162	1 723	1 411	3 033	515	38	4
100 to 499 acres	204	314	400	2 714	2 174	330	17
500 acres or more	–	–	–	–	98	273	74
Wheat for grain—farms	1 593	1 207	1 103	2 919	1 483	367	48
acres	28 395	25 869	28 591	92 437	86 851	35 054	9 891
bushels	1 067 868	996 973	1 093 351	3 662 428	3 594 698	1 497 751	419 480
Irrigated—farms	–	2	1	5	8	4	–
acres	–	(D)	(D)	110	504	423	–
Farms by acres harvested:							
1 to 24 acres	1 269	785	612	1 369	327	39	3
25 to 99 acres	322	418	487	1 490	900	176	11
100 to 499 acres	2	4	4	60	254	151	31
500 acres or more	–	–	–	–	2	1	3
Oats for grain—farms	2 207	1 652	1 409	3 898	1 673	303	39
acres	38 841	31 364	35 155	115 942	73 360	22 012	4 318
bushels	2 053 961	1 785 456	2 160 347	6 712 519	4 394 005	1 387 154	294 514
Irrigated—farms	2	1	–	9	9	–	–
acres	(D)	(D)	–	334	243	–	–
Barley for grain—farms	63	47	47	254	144	37	5
acres	785	648	953	6 447	6 117	2 008	933
bushels	35 307	31 187	44 384	292 624	290 991	111 618	51 745
Irrigated—farms	–	–	–	–	1	–	–
acres	–	–	–	–	(D)	–	–
Soybeans for beans—farms	1 350	1 055	817	2 446	1 216	300	43
acres	63 329	61 912	55 654	226 449	192 193	78 698	17 725
bushels	1 446 705	1 387 073	1 304 920	5 430 704	4 752 615	2 138 259	499 869
Irrigated—farms	5	12	17	50	53	19	6
acres	81	300	640	2 418	3 643	2 388	985
Farms by acres harvested:							
1 to 24 acres	402	218	151	358	83	9	3
25 to 99 acres	822	642	466	1 117	399	64	6
100 to 499 acres	126	195	200	971	698	177	17
500 acres or more	–	–	–	–	36	50	17
Dry field and seed beans—farms	557	485	475	1 178	620	180	21
acres	28 294	28 908	36 515	122 487	111 364	56 061	13 405
100-lb bags	314 949	317 433	435 610	1 422 736	1 287 281	720 743	151 549
Irrigated—farms	3	3	2	13	25	10	1
acres	104	257	(D)	1 168	3 596	1 692	(D)
Irish potatoes—farms	72	59	43	148	102	37	5
acres	1 393	2 068	1 436	9 585	12 631	10 906	3 860
hundredweight	295 718	389 775	321 376	1 977 552	3 002 540	2 735 093	953 733
Irrigated—farms	14	15	12	54	46	21	5
acres	324	509	748	4 293	6 666	6 619	1 769
Farms by acres harvested:							
0.1 to 0.9 acres	24	11	5	15	4	–	–
1.0 to 4.9 acres	15	11	15	23	5	–	–
5.0 to 24.9 acres	11	9	9	14	6	–	–
25.0 to 99.9 acres	22	21	8	54	33	4	1
100.0 acres or more	–	7	6	42	54	33	4
Sugar beets for sugar—farms	128	138	168	403	259	96	15
acres	3 104	4 584	6 264	22 354	26 338	18 698	4 334
tons	58 924	82 979	122 608	414 321	482 869	356 108	85 084
Irrigated—farms	3	2	2	3	4	1	1
acres	49	(D)	(D)	192	179	(D)	(D)
Hay crops (see text)—farms	3 650	2 603	2 051	5 644	2 340	435	61
acres	133 543	121 074	114 445	464 810	311 366	76 081	19 419
tons, dry	282 552	276 825	262 623	1 113 962	792 002	206 335	54 197
Irrigated—farms	7	10	17	52	64	20	3
acres	126	192	331	2 582	3 539	2 005	360
Farms by acres harvested:							
1 to 24 acres	1 373	744	489	842	299	42	5
25 to 99 acres	2 169	1 671	1 262	2 913	707	108	8
100 to 499 acres	108	188	300	1 887	1 301	273	36
500 acres or more	–	–	–	2	33	12	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
CROPS HARVESTED—Con.							
Hay crops—Con.							
Alfalfa hay	farms	30 424	170	5 125	1 999	4 361	4 026
	acres	1 135 548	781	56 411	33 223	89 129	106 927
	tons, dry	2 896 516	3 025	107 304	67 108	183 153	225 837
Irrigated	farms	182	1	12	4	12	11
	acres	6 636	(D)	(D)	75	192	242
All vegetables harvested for sale (see text)	farms	4 160	251	1 407	299	486	395
	acres	122 211	728	11 060	4 137	7 751	8 287
Irrigated	farms	848	46	217	75	100	112
	acres	35 597	142	1 844	1 338	1 851	2 021
Farms by acres harvested:							
0.1 to 4.9 acres		1 616	199	730	118	162	135
5.0 to 24.9 acres		1 427	52	576	122	223	142
25.0 to 99.9 acres		847	–	101	59	101	111
100.0 acres or more		270	–	–	–	–	7
Land in orchards	farms	5 291	280	2 031	438	676	544
	acres	170 493	862	15 126	8 120	15 904	16 797
Irrigated	farms	522	19	83	25	58	93
	acres	14 610	46	603	298	761	1 173
Farms by acres in orchards:							
0.1 to 4.9 acres		1 779	219	972	101	170	142
5.0 to 24.9 acres		1 892	61	941	204	244	165
25.0 to 99.9 acres		1 189	–	118	133	262	210
100.0 acres or more		431	–	–	–	–	27
Apples	farms	3 275	199	1 182	244	423	291
	total acres	71 786	421	5 673	3 068	6 195	6 322
	pounds	772 834 906	2 204 040	34 881 958	24 094 779	48 809 608	66 221 782
Cherries	farms	2 452	62	710	201	352	289
	total acres	61 735	103	3 560	2 508	5 264	5 885
	pounds	201 785 909	188 608	8 508 737	10 431 395	19 710 028	18 696 427
Grapes (see text)	farms	1 550	95	711	145	204	162
	total acres	15 524	202	3 646	1 463	2 342	1 786
	pounds	118 356 478	1 170 335	23 549 258	10 641 635	18 210 496	13 695 654

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.							
Hay crops—Con.							
Alfalfa hay—farms	3 130	2 247	1 783	5 034	2 100	396	53
acres	99 937	87 618	82 330	316 060	198 403	51 491	13 238
tons, dry	230 035	225 724	207 138	859 104	587 007	158 658	42 423
Irrigated—farms	5	8	16	46	50	14	3
acres	99	111	215	1 777	2 175	1 414	260
All vegetables harvested for sale (see text)—farms	276	167	210	384	210	66	9
acres	5 484	5 453	9 387	25 536	22 347	14 821	7 218
Irrigated—farms	43	33	32	96	59	30	5
acres	1 225	1 562	984	5 338	7 131	7 159	5 001
Farms by acres harvested:							
0.1 to 4.9 acres	136	34	24	60	13	4	1
5.0 to 24.9 acres	64	63	46	94	39	5	1
25.0 to 99.9 acres	66	56	117	136	76	21	3
100.0 acres or more	10	14	23	94	82	36	4
Land in orchards—farms	332	245	156	399	153	32	5
acres	15 120	15 210	11 145	33 824	23 359	11 520	3 508
Irrigated—farms	50	40	25	74	40	13	2
acres	1 415	1 692	(D)	2 946	2 858	1 085	(D)
Farms by acres in orchards:							
0.1 to 4.9 acres	53	30	13	59	16	3	1
5.0 to 24.9 acres	86	49	34	81	26	1	–
25.0 to 99.9 acres	144	103	63	116	34	6	–
100.0 acres or more	49	63	46	143	77	22	4
Apples—farms	215	180	109	298	105	24	5
total acres	6 132	6 521	4 218	17 017	10 212	4 677	1 332
pounds	72 583 334	69 944 964	46 805 192	204 248 989	130 337 110	52 047 505	20 655 645
Cherries—farms	204	156	103	241	107	22	5
total acres	5 730	5 671	4 983	11 273	9 536	5 669	1 552
pounds	20 173 396	19 552 086	15 341 014	36 434 564	32 360 661	15 629 630	4 759 363
Grapes (see text)—farms	75	50	28	55	20	2	3
total acres	1 540	1 479	625	1 180	1 071	(D)	(D)
pounds	12 733 364	11 721 758	4 687 810	9 274 343	10 664 825	(D)	(D)

[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	68 237	19 221	258	1 205	2 839	7 805	7 114
percent	100.0	28.1	0.3	1.7	4.1	11.4	10.4
Land in farms — acres	11 448 182	6 960 444	332 001	956 089	1 467 879	2 615 744	1 588 731
Average size of farm — acres	168	362	1 287	793	517	335	223
Value of land and buildings[1] — farms	68 236	19 382	258	1 205	2 835	7 737	7 347
$1,000	11 143 702	7 027 544	401 739	1 048 092	1 529 832	2 546 834	1 501 048
Average per farm — dollars	163 311	362 580	1 557 126	869 785	539 623	329 175	204 307
Average per acre — dollars	974	1 015	1 210	1 096	1 060	989	926
Farms by value of land and buildings:							
$1 to $19,999	4 566	151	2	6	25	63	55
$20,000 to $39,999	9 540	485	2	5	22	149	307
$40,000 to $69,999	15 256	923	2	14	48	261	598
$70,000 to $99,999	9 471	1 270	2	16	57	402	793
$100,000 to $149,999	8 835	2 457	5	39	127	794	1 492
$150,000 to $199,999	5 068	2 204	4	45	132	926	1 097
$200,000 to $499,999	11 104	7 918	35	277	1 226	3 701	2 679
$500,000 to $999,999	3 255	2 890	64	442	880	1 226	278
$1,000,000 or more	1 141	1 084	142	361	318	215	48
Owned and rented land by operator:							
Land owned — farms	63 851	18 075	246	1 154	2 731	7 325	6 619
acres	8 282 870	4 295 472	209 268	559 959	860 592	1 602 102	1 063 551
Land rented or leased from others — farms	25 171	12 646	170	928	2 124	5 395	4 029
acres	3 586 277	2 747 250	124 382	402 624	618 623	1 041 009	560 612
Land rented or leased to others — farms	7 329	1 080	23	61	116	341	539
acres	420 965	82 278	1 649	6 494	11 336	27 367	35 432
LAND IN FARMS ACCORDING TO USE							
Total cropland — farms	66 105	18 991	247	1 190	2 809	7 710	7 035
acres	8 664 886	5 689 523	270 149	810 367	1 239 339	2 125 736	1 243 932
Harvested cropland — farms	62 951	18 770	245	1 178	2 789	7 652	6 906
acres	6 953 675	4 954 770	241 727	734 162	1 101 267	1 844 227	1 033 387
Farms by acres harvested:							
1 to 49 acres	30 683	1 552	30	65	130	517	810
50 to 99 acres	12 558	2 183	3	29	133	679	1 339
100 to 199 acres	9 822	5 609	7	82	332	2 157	3 031
200 to 499 acres	7 780	7 323	39	346	1 404	3 847	1 687
500 to 999 acres	1 726	1 722	74	447	720	443	38
1,000 to 1,999 acres	342	341	64	197	70	9	1
2,000 acres or more	40	40	28	12	–	–	–
Cropland:							
Pasture or grazing only — farms	22 895	6 134	54	306	918	2 552	2 304
acres	759 707	306 578	8 012	21 351	58 076	122 716	96 423
Cover crops, legumes, and soil-improvement grasses not harvested or pastured — farms	9 371	2 960	45	192	402	1 181	1 140
acres	215 480	105 757	6 276	13 718	18 758	37 008	29 997
On which all crops failed — farms	3 868	1 015	8	44	137	429	397
acres	75 541	30 677	578	1 655	5 822	13 868	8 754
In cultivated summer fallow — farms	7 685	2 385	28	137	345	975	900
acres	174 602	83 690	3 288	8 973	16 486	31 329	23 614
Idle — farms	18 621	5 543	81	384	833	2 249	1 996
acres	485 881	208 051	10 268	30 508	38 930	76 588	51 757
Total woodland — farms	36 331	11 083	139	698	1 709	4 439	4 098
acres	1 580 310	674 271	31 119	67 299	117 357	260 687	197 809
Woodland pastured — farms	8 996	2 681	25	120	371	1 095	1 070
acres	340 659	145 619	7 159	9 151	22 753	60 467	46 089
Woodland not pastured — farms	30 646	9 570	131	634	1 511	3 859	3 435
acres	1 239 651	528 652	23 960	58 148	94 604	200 220	151 720
Pastureland and rangeland other than cropland and woodland pastured — farms	7 352	2 395	33	178	387	948	849
acres	325 232	181 701	12 302	22 790	34 179	71 363	41 067
Land in house lots, ponds, roads, wasteland, etc. — farms	52 054	14 588	195	947	2 166	5 912	5 368
acres	877 754	414 949	18 431	55 633	77 004	157 958	105 923
Pastureland, all types — farms	30 281	8 375	90	463	1 279	3 459	3 084
acres	1 425 598	633 898	27 473	53 292	115 008	254 546	183 579
Irrigated land — farms	3 192	2 125	119	369	488	773	376
acres	226 208	215 101	44 798	61 859	49 495	44 963	13 986
Harvested cropland irrigated — farms	3 136	2 112	119	369	487	767	370
acres	222 946	212 737	44 438	61 183	49 126	44 273	13 717
Pastureland irrigated — farms	40	13	–	–	–	10	3
acres	716	356	–	–	–	270	86
Other land irrigated — farms	145	76	4	9	10	34	19
acres	2 546	2 008	360	676	369	420	183
Land set aside in the federal farm programs in 1978 — farms	12 730	5 908	73	417	914	2 450	2 054
acres	245 701	183 645	10 423	31 471	40 460	66 160	35 131
RACE AND TENURE OF OPERATOR							
All operators — number	68 237	19 221	258	1 205	2 839	7 805	7 114
Full owners — number	43 167	6 599	89	279	717	2 420	3 094
Part owners — number	20 626	11 461	157	874	2 011	4 900	3 519
Tenants — number	4 444	1 161	12	52	111	485	501
White — number	67 798	19 172	257	1 201	2 835	7 784	7 095
Full owners — number	42 883	6 580	89	279	715	2 414	3 083
Part owners — number	20 492	11 435	156	871	2 009	4 886	3 513
Tenants — number	4 423	1 157	12	51	111	484	499
Black and other races — number	439	49	1	4	4	21	19
Full owners — number	284	19	–	–	2	6	11
Part owners — number	134	26	1	3	2	14	6
Tenants — number	21	4	–	1	–	1	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	48 990	8 699	9 913	9 963	20 415	26
percent	71.7	12.7	14.5	14.6	29.9	(Z)
Land in farms—acres	4 465 812	1 362 950	1 095 716	805 096	1 202 050	21 926
Average size of farm—acres	91	157	111	81	59	843
Value of land and buildings[1]—farms	48 828	8 535	10 235	9 980	20 078	26
$1,000	4 088 246	1 130 555	961 271	729 078	1 267 341	27 913
Average per farm—dollars	83 727	132 461	93 919	73 053	63 120	1 073 560
Average per acre—dollars	911	833	841	920	1 062	1 273
Farms by value of land and buildings:						
$1 to $19,999	4 415	169	438	953	2 855	–
$20,000 to $39,999	9 052	513	1 465	1 991	5 083	3
$40,000 to $69,999	14 330	1 550	2 878	3 131	6 771	3
$70,000 to $99,999	8 199	1 543	2 185	1 993	2 478	2
$100,000 to $149,999	6 374	2 042	1 649	1 094	1 589	4
$150,000 to $199,999	2 863	1 165	775	339	584	1
$200,000 to $499,999	3 181	1 400	792	439	550	5
$500,000 to $999,999	363	137	49	29	148	2
$1,000,000 or more	51	16	4	11	20	6
Owned and rented land by operator:						
Land owned—farms	45 754	7 867	9 171	9 344	19 372	22
acres	3 966 321	1 037 018	957 185	768 939	1 203 179	21 077
Land rented or leased from others—farms	12 515	3 820	3 060	2 227	3 408	10
acres	837 720	383 437	214 042	110 409	129 832	1 307
Land rented or leased to others—farms	6 245	801	1 327	1 453	2 664	4
acres	338 229	57 505	75 511	74 252	130 961	458
LAND IN FARMS ACCORDING TO USE						
Total cropland—farms	47 088	8 583	9 720	9 657	19 128	26
acres	2 964 880	1 020 565	765 888	516 409	662 018	10 483
Harvested cropland—farms	44 155	8 456	9 488	9 174	17 037	26
acres	1 992 289	776 744	549 028	328 624	337 893	6 616
Farms by acres harvested:						
1 to 49 acres	29 118	1 732	4 217	7 107	16 062	13
50 to 99 acres	10 373	3 472	4 175	1 836	890	2
100 to 199 acres	4 212	2 887	1 027	218	80	1
200 to 499 acres	452	365	69	13	5	5
500 to 999 acres	–	–	–	–	–	4
1,000 to 1,999 acres	–	–	–	–	–	1
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only—farms	16 752	2 684	3 039	3 291	7 738	9
acres	451 118	122 052	96 536	81 852	150 678	2 011
Cover crops, legumes, and soil-improvement grasses not harvested or pastured—farms	6 399	1 352	1 492	1 261	2 294	12
acres	109 194	26 166	26 916	21 800	34 312	529
On which all crops failed—farms	2 852	515	522	504	1 311	1
acres	(D)	(D)	8 173	7 851	17 556	(D)
In cultivated summer fallow—farms	5 297	1 161	1 319	1 191	1 626	3
acres	(D)	(D)	24 380	19 201	21 954	(D)
Idle—farms	13 072	2 492	2 714	2 657	5 209	6
acres	276 560	58 999	60 855	57 081	99 625	1 270
Total woodland—farms	25 230	4 832	5 279	5 096	10 023	18
acres	901 488	198 568	197 852	174 749	330 319	4 551
Woodland pastured—farms	6 311	1 240	1 338	1 421	2 312	4
acres	194 570	47 183	47 932	40 722	58 733	470
Woodland not pastured—farms	21 059	4 072	4 420	4 148	8 419	17
acres	706 918	151 385	149 920	134 027	271 586	4 081
Pastureland and rangeland other than cropland and woodland pastured—farms	4 950	973	1 061	1 134	1 782	7
acres	141 361	36 451	34 078	27 724	43 108	2 170
Land in house lots, ponds, roads, wasteland, etc.—farms	37 443	6 416	7 381	7 303	16 343	23
acres	458 083	107 366	97 898	86 214	166 605	4 722
Pastureland, all types—farms	21 895	3 628	4 115	4 476	9 676	11
acres	787 049	205 686	178 546	150 298	252 519	4 651
Irrigated land—farms	1 058	281	239	256	282	9
acres	11 032	5 004	2 671	1 882	1 475	75
Harvested cropland irrigated—farms	1 015	274	231	251	259	9
acres	(D)	4 799	2 473	1 737	(D)	(D)
Pastureland irrigated—farms	27	5	4	6	12	–
acres	360	75	100	80	105	–
Other land irrigated—farms	67	18	13	11	25	2
acres	(D)	130	98	65	(D)	(D)
Land set aside in the federal farm programs in 1978—farms	6 819	2 206	2 036	1 369	1 208	3
acres	61 807	27 028	17 755	9 624	7 400	249
RACE AND TENURE OF OPERATOR						
All operators—number	48 990	8 699	9 913	9 963	20 415	26
Full owners—number	36 552	4 896	6 870	7 752	17 034	16
Part owners—number	9 159	2 958	2 291	1 582	2 328	6
Tenants—number	3 279	845	752	629	1 053	4
White—number	48 600	8 662	9 858	9 898	20 182	26
Full owners—number	36 287	4 868	6 837	7 700	16 882	16
Part owners—number	9 051	2 951	2 274	1 571	2 255	6
Tenants—number	3 262	843	747	627	1 045	4
Black and other races—number	390	37	55	65	233	–
Full owners—number	265	28	33	52	152	–
Part owners—number	108	7	17	11	73	–
Tenants—number	17	2	5	2	8	–

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	61 399	15 581	67	607	1 995	6 539	6 373
acres	9 180 975	5 101 384	83 818	461 632	1 008 718	2 143 858	1 403 358
Partnership—farms	5 890	3 039	91	431	719	1 121	677
acres	1 813 363	1 487 751	119 279	376 113	399 965	420 030	172 364
Corporations:							
Family held—farms	694	491	88	139	104	112	48
acres	354 970	309 840	110 959	99 800	50 484	38 707	9 890
More than 10 stockholders—farms	14	13	6	2	2	2	1
10 or less stockholders—farms	680	478	82	137	102	110	47
Other than family held—farms	93	79	10	26	16	23	4
acres	49 022	47 480	(D)	(D)	7 032	11 490	299
More than 10 stockholders—farms	11	10	5	3	1	1	–
10 or less stockholders—farms	82	69	5	23	15	22	4
Other—cooperative, estate or trust, etc.—farms	161	31	2	2	5	10	12
acres	49 852	13 989	(D)	(D)	1 680	1 659	2 820
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	56 145	16 388	189	1 023	2 459	6 721	5 996
Not on farm operated	6 850	1 456	59	107	162	504	624
Operators by age group:							
Under 25 years	2 317	505	1	8	33	209	254
25 to 34 years	9 140	2 828	27	148	409	1 291	953
35 to 44 years	14 307	4 156	54	302	713	1 753	1 334
45 to 54 years	16 743	5 506	84	414	931	2 269	1 808
55 to 64 years	15 648	4 893	72	281	636	1 890	2 014
65 years and over	10 082	1 333	20	52	117	393	751
Average age	49.3	47.6	49.5	47.5	46.9	46.6	49.0
Operators by sex:							
Male	65 601	18 893	257	1 192	2 798	7 695	6 951
Female	2 636	328	1	13	41	110	163
Operators of Spanish origin	301	53	1	3	8	22	19
Operators by principal occupation:							
Farming	30 923	16 047	241	1 145	2 670	6 882	5 109
Other	37 314	3 174	17	60	169	923	2 005
Operators reporting days of work off farm:							
None	24 111	11 511	209	919	2 129	4 930	3 324
1 to 99 days	5 524	2 526	23	145	355	1 104	899
100 to 199 days	5 396	1 175	2	31	92	426	624
200 days or more	30 957	3 112	14	54	142	971	1 931
FARMS BY SIZE							
1 to 9 acres	3 581	360	7	23	50	120	160
10 to 49 acres	16 614	680	22	37	61	217	343
50 to 69 acres	4 935	338	3	11	31	115	178
70 to 99 acres	9 737	806	6	12	50	255	483
100 to 139 acres	7 890	1 279	1	19	67	363	829
140 to 179 acres	5 617	1 676	3	24	93	508	1 048
180 to 219 acres	3 975	1 793	2	25	100	731	935
220 to 259 acres	3 127	1 879	1	20	144	830	884
260 to 499 acres	8 388	6 408	25	201	939	3 302	1 941
500 to 999 acres	3 511	3 167	59	466	1 068	1 280	294
1,000 to 1,999 acres	747	724	78	328	227	74	17
2,000 acres or more	115	111	51	39	9	10	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	23 852	5 807	18	190	553	2 192	2 854
Field crop, except cash grain farms (013)	7 241	652	13	53	89	207	290
Cotton farms (0131)	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	7 241	652	13	53	89	207	290
Vegetable and melon farms (016)	2 063	643	32	52	98	240	221
Fruit and tree nut farms (017)	4 344	1 558	23	140	267	644	484
Horticultural specialty farms (018)	1 354	522	36	71	99	187	129
General farms, primarily crop (019)	3 251	546	3	40	70	243	190
Livestock farms, except dairy, poultry, and animal specialty (021)	15 503	2 668	81	233	350	879	1 125
Beef cattle farms, except feedlots (0212)	5 435	501	5	33	50	179	234
Dairy farms (024)	7 031	5 909	15	321	1 127	2 904	1 542
Poultry and egg farms (025)	654	334	32	63	102	97	40
Animal specialty farms (027)	1 890	189	1	7	18	40	123
General farms, primarily livestock (029)	1 054	393	4	35	66	172	116
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold—farms	68 237	19 221	258	1 205	2 839	7 805	7 114
$1,000	1 941 095	1 686 936	259 319	342 923	389 781	492 093	202 320
Farms by value of agricultural products sold:							
$500,000 or more	260	258	258	–	–	–	–
$200,000 to $499,999	1 207	1 205	–	1 205	–	–	–
$100,000 to $199,999	2 840	2 839	–	–	2 839	–	–
$40,000 to $99,999	7 810	7 805	–	–	–	7 805	–
$20,000 to $39,999	7 117	7 114	–	–	–	–	7 114
$10,000 to $19,999	8 700	–	–	–	–	–	–
$5,000 to $9,999	9 917	–	–	–	–	–	–
$2,500 to $4,999	9 965	–	–	–	–	–	–
Less than $2,500	20 421	–	–	–	–	–	–

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	45 818	7 849	9 169	9 347	19 453	–
acres	4 079 591	1 217 538	1 005 249	752 334	1 104 470	–
Partnership—farms	2 851	788	688	560	815	–
acres	325 612	136 137	82 364	47 842	59 269	–
Corporations:						
Family held—farms	203	42	30	26	105	–
acres	45 130	5 275	5 097	2 523	32 235	–
More than 10 stockholders—farms	1	1	–	–	–	–
10 or less stockholders—farms	202	41	30	26	105	–
Other than family held—farms	14	3	4	6	1	–
acres	1 542	315	536	(D)	(D)	–
More than 10 stockholders—farms	1	1	–	–	–	–
10 or less stockholders—farms	13	2	4	6	1	–
Other—cooperative, estate or trust, etc.—farms	104	17	22	24	41	26
acres	13 937	3 685	2 470	(D)	(D)	21 926
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	39 747	6 944	7 793	7 928	17 082	10
Not on farm operated	5 379	1 041	1 265	1 141	1 932	15
Operators by age group:						
Under 25 years	1 811	288	371	403	749	1
25 to 34 years	6 308	1 128	1 164	1 067	2 949	4
35 to 44 years	10 147	1 707	1 886	1 961	4 593	4
45 to 54 years	11 228	1 967	2 132	2 457	4 672	9
55 to 64 years	10 747	2 327	2 357	2 227	3 836	8
65 years and over	8 749	1 282	2 003	1 848	3 616	–
Average age	50.0	49.8	50.9	50.5	49.4	46.4
Operators by sex:						
Male	46 682	8 396	9 528	9 512	19 246	26
Female	2 308	303	385	451	1 169	–
Operators of Spanish origin	248	16	34	24	174	–
Operators by principal occupation:						
Farming	14 862	4 481	3 704	2 781	3 896	14
Other	34 128	4 218	6 209	7 182	16 519	12
Operators reporting days of work off farm:						
None	12 582	2 816	2 814	2 327	4 625	18
1 to 99 days	2 997	821	688	589	899	1
100 to 199 days	4 221	796	912	841	1 672	–
200 days or more	27 838	3 870	5 164	5 923	12 881	7
FARMS BY SIZE						
1 to 9 acres	3 221	160	251	552	2 258	–
10 to 49 acres	15 931	747	1 848	3 397	9 939	3
50 to 69 acres	4 595	463	1 111	1 244	1 777	2
70 to 99 acres	8 928	1 354	2 370	2 128	3 076	3
100 to 139 acres	6 608	1 911	1 836	1 191	1 670	3
140 to 179 acres	3 938	1 444	1 019	671	804	3
180 to 219 acres	2 181	934	606	317	324	1
220 to 259 acres	1 247	569	333	177	168	1
260 to 499 acres	1 980	923	466	248	343	–
500 to 999 acres	342	185	69	37	51	2
1,000 to 1,999 acres	19	9	4	1	5	4
2,000 acres or more	–	–	–	–	–	4
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	18 042	4 148	4 788	4 138	4 968	3
Field crop, except cash grain farms (013)	6 588	647	1 010	1 549	3 382	1
Cotton farms (0131)	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	6 588	647	1 010	1 549	3 382	1
Vegetable and melon farms (016)	1 418	327	349	331	411	2
Fruit and tree nut farms (017)	2 781	541	486	450	1 304	5
Horticultural specialty farms (018)	831	143	179	141	368	1
General farms, primarily crop (019)	2 703	262	256	176	2 009	2
Livestock farms, except dairy, poultry, and animal specialty (021)	12 829	1 678	2 257	2 618	6 276	6
Beef cattle farms, except feedlots (0212)	4 932	500	847	1 059	2 526	2
Dairy farms (024)	1 120	703	271	100	46	2
Poultry and egg farms (025)	320	29	23	23	245	–
Animal specialty farms (027)	1 700	125	219	386	970	1
General farms, primarily livestock (029)	658	96	75	51	436	3
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold—farms	48 990	8 699	9 913	9 963	20 415	26
$1,000	251 210	123 429	70 334	36 147	21 300	2 948
Farms by value of agricultural products sold:						
$500,000 or more	–	–	–	–	–	2
$200,000 to $499,999	–	–	–	–	–	2
$100,000 to $199,999	–	–	–	–	–	1
$40,000 to $99,999	–	–	–	–	–	5
$20,000 to $39,999	–	–	–	–	–	3
$10,000 to $19,999	8 699	8 699	–	–	–	1
$5,000 to $9,999	9 913	–	9 913	–	–	4
$2,500 to $4,999	9 963	–	–	9 963	–	2
Less than $2,500	20 415	–	–	–	20 415	6

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—farms	37 610	12 977	144	797	1 908	5 205	4 923
$1,000	519 370	404 575	20 602	68 709	88 459	145 134	81 670
Sales of $40,000 or more—farms	3 029	3 028	89	444	759	1 736	–
$1,000	257 359	(D)	(D)	63 416	73 052	101 080	–
Commodity Credit Corporation loans—farms	3 407	1 903	28	183	313	812	567
$1,000	30 127	(D)	(D)	7 037	6 485	8 657	3 420
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	16 427	3 934	26	172	469	1 553	1 714
$1,000	56 688	28 082	769	2 088	4 687	11 267	9 271
Sales of $40,000 or more—farms	74	74	7	14	16	37	–
$1,000	4 638	4 638	585	900	1 127	2 026	–
Vegetables, sweet corn, and melons—farms	4 160	1 628	51	157	274	646	500
$1,000	98 425	89 504	31 526	18 605	14 976	17 781	6 616
Sales of $40,000 or more—farms	488	488	45	106	147	190	–
$1,000	72 948	72 948	31 453	17 773	13 106	10 616	–
Fruits, nuts, and berries—farms	5 303	2 030	32	186	338	848	626
$1,000	161 685	147 723	18 095	39 021	35 739	40 992	13 875
Sales of $40,000 or more—farms	1 066	1 065	29	165	283	588	–
$1,000	127 896	(D)	(D)	38 759	34 804	36 225	–
Nursery and greenhouse products—farms	1 688	642	42	82	117	231	170
$1,000	103 862	(D)	(D)	20 519	13 427	11 793	3 669
Sales of $40,000 or more—farms	396	395	41	75	102	177	–
$1,000	94 983	(D)	(D)	20 429	13 254	11 107	–
Other crops—farms	2 263	1 649	35	184	317	705	408
$1,000	73 555	71 255	10 199	22 226	17 501	16 802	4 527
Sales of $40,000 or more—farms	478	477	33	159	180	105	–
$1,000	51 741	(D)	(D)	21 598	14 263	5 659	–
Poultry and poultry products—farms	3 861	911	38	95	160	318	300
$1,000	78 376	76 777	38 575	17 775	12 510	6 534	1 383
Sales of $40,000 or more—farms	308	306	36	79	107	84	–
$1,000	74 123	(D)	(D)	17 647	12 252	5 485	–
Dairy products—farms	8 405	6 785	27	405	1 291	3 268	1 794
$1,000	436 006	423 526	12 075	75 021	134 604	161 420	40 405
Sales of $40,000 or more—farms	3 946	3 940	27	391	1 244	2 278	–
$1,000	353 676	352 669	12 075	74 706	133 326	132 562	–
Cattle and calves—farms	24 534	10 048	104	633	1 672	4 358	3 281
$1,000	263 312	222 055	60 296	50 362	39 613	48 530	23 254
Sales of $40,000 or more—farms	911	906	90	278	251	287	–
$1,000	142 722	141 991	60 134	43 654	22 239	15 963	–
Hogs and pigs—farms	9 431	3 018	42	224	447	1 128	1 177
$1,000	126 173	108 991	15 194	26 333	25 107	28 094	14 263
Sales of $40,000 or more—farms	730	728	31	150	221	326	–
$1,000	80 925	(D)	(D)	25 199	22 208	18 280	–
Sheep, lambs, and wool—farms	2 512	459	5	19	53	178	204
$1,000	4 872	2 449	78	101	550	979	742
Sales of $40,000 or more—farms	10	9	1	–	4	4	–
$1,000	647	(D)	(D)	–	(D)	267	–
Other livestock and livestock products (see text)—farms	3 990	579	8	28	87	186	270
$1,000	18 773	12 495	1 813	2 163	2 608	2 767	3 144
Sales of $40,000 or more—farms	69	69	1	7	20	41	–
$1,000	8 761	8 761	(D)	(D)	2 441	2 429	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased—farms	21 323	6 820	143	584	1 174	2 556	2 363
$1,000	148 965	131 784	41 124	32 589	25 022	20 712	12 338
Farms with expenses of—							
$1 to $4,999	17 481	3 636	14	114	449	1 439	1 620
$5,000 to $19,999	2 401	1 768	12	110	277	790	579
$20,000 to $49,999	893	881	13	138	287	281	162
$50,000 or more	548	535	104	222	161	46	2
Feed for livestock and poultry—farms	33 390	11 356	151	754	1 890	4 695	3 866
$1,000	184 066	163 208	35 368	34 501	39 203	40 604	13 533
Farms with expenses of—							
$1 to $4,999	26 783	5 278	7	73	356	1 997	2 845
$5,000 to $19,999	4 881	4 359	18	216	845	2 274	1 006
$20,000 to $49,999	1 175	1 170	22	241	521	371	15
$50,000 or more	551	549	104	224	168	53	–
Commercially mixed formula feeds—farms	17 632	8 295	110	573	1 555	3 747	2 310
tons	649 122	599 510	152 137	135 551	141 232	131 099	39 491
$1,000	109 396	101 406	24 844	21 977	24 576	23 790	6 219
Farms by tons purchased:							
1 to 99 tons	16 674	7 342	29	328	1 224	3 469	2 292
100 to 499 tons	780	776	35	169	280	274	18
500 tons or more	178	177	46	76	51	4	–
Farms with expenses of—							
$1 to $4,999	13 913	4 780	9	59	435	2 348	1 929
$5,000 to $19,999	2 874	2 675	21	259	823	1 193	379
$20,000 to $49,999	507	503	21	140	182	158	2
$50,000 or more	338	337	59	115	115	48	–

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	farms	24 624	6 280	6 767	5 613	5 964	9
	$1,000	114 656	59 195	33 891	15 206	6 365	138
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Commodity Credit Corporation loans	farms	1 503	579	450	277	197	1
	$1,000	(D)	1 643	634	230	(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	12 488	2 387	2 911	2 873	4 317	5
	$1,000	28 535	10 317	8 313	5 862	4 044	71
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Vegetables, sweet corn, and melons	farms	2 527	603	560	527	837	5
	$1,000	8 820	4 698	2 494	1 145	484	100
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
Fruits, nuts, and berries	farms	3 270	715	701	693	1 161	3
	$1,000	13 851	7 681	3 494	1 666	1 011	111
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Nursery and greenhouse products	farms	1 044	190	221	176	457	2
	$1,000	(D)	1 976	1 240	494	(D)	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Other crops	farms	608	252	143	131	82	6
	$1,000	2 207	1 545	453	160	49	93
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Poultry and poultry products	farms	2 947	410	458	491	1 588	3
	$1,000	1 420	579	350	219	272	179
Sales of $40,000 or more	farms	–	–	–	–	–	2
	$1,000	–	–	–	–	–	(D)
Dairy products	farms	1 614	899	417	173	125	6
	$1,000	11 473	9 214	1 829	343	87	1 007
Sales of $40,000 or more	farms	–	–	–	–	–	6
	$1,000	–	–	–	–	–	1 007
Cattle and calves	farms	14 473	3 342	3 338	3 140	4 653	13
	$1,000	40 447	17 060	11 709	6 885	4 793	809
Sales of $40,000 or more	farms	–	–	–	–	–	5
	$1,000	–	–	–	–	–	731
Hogs and pigs	farms	6 406	1 427	1 437	1 275	2 267	7
	$1,000	16 905	8 508	4 288	2 402	1 708	277
Sales of $40,000 or more	farms	–	–	–	–	–	2
	$1,000	–	–	–	–	–	(D)
Sheep, lambs, and wool	farms	2 051	277	346	324	1 104	2
	$1,000	2 370	763	643	412	552	(D)
Sales of $40,000 or more	farms	–	–	–	–	–	1
	$1,000	–	–	–	–	–	(D)
Other livestock and livestock products (see text)	farms	3 408	386	526	776	1 720	3
	$1,000	6 267	1 895	1 630	1 354	1 388	11
Sales of $40,000 or more	farms	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]							
Livestock and poultry purchased	farms	14 494	2 556	2 827	2 686	6 425	9
	$1,000	17 023	5 925	4 011	2 530	4 558	158
Farms with expenses of—							
$1 to $4,999		13 842	2 144	2 702	2 630	6 366	3
$5,000 to $19,999		629	408	119	55	47	4
$20,000 to $49,999		11	4	6	1	–	1
$50,000 or more		12	–	–	–	12	1
Feed for livestock and poultry	farms	22 022	3 816	4 170	4 348	9 688	12
	$1,000	20 497	6 699	4 296	3 414	6 088	361
Farms with expenses of—							
$1 to $4,999		21 501	3 501	4 115	4 269	9 616	4
$5,000 to $19,999		520	315	54	79	72	2
$20,000 to $49,999		1	–	1	–	–	4
$50,000 or more		–	–	–	–	–	2
Commercially mixed formula feeds	farms	9 329	1 761	1 476	1 410	4 682	8
	tons	47 878	15 525	6 853	8 302	17 198	1 734
	$1,000	7 758	2 679	1 109	1 291	2 679	233
Farms by tons purchased:							
1 to 99 tons		9 329	1 761	1 476	1 410	4 682	3
100 to 499 tons		–	–	–	–	–	4
500 tons or more		–	–	–	–	–	1
Farms with expenses of—							
$1 to $4,999		9 131	1 662	1 463	1 341	4 665	2
$5,000 to $19,999		198	99	13	69	17	1
$20,000 to $49,999		–	–	–	–	–	4
$50,000 or more		–	–	–	–	–	1

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more				
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
SELECTED FARM PRODUCTION EXPENSES[1]—Con.							
Animal health costs—farms	26 982	10 763	151	748	1 888	4 477	3 499
$1,000	13 719	11 243	1 131	2 074	3 322	3 563	1 153
Farms with expenses of—							
$1 to $499	20 777	5 390	18	130	454	1 925	2 863
$500 to $999	2 681	2 069	15	93	313	1 180	468
$1,000 to $2,999	2 688	2 499	32	298	773	1 240	156
$3,000 or more	836	805	86	227	348	132	12
Seeds, bulbs, plants, and trees—farms	49 785	18 004	240	1 150	2 717	7 223	6 674
$1,000	81 192	65 554	9 744	12 398	13 599	19 758	10 054
Farms with expenses of—							
$1 to $999	32 457	4 666	13	55	222	1 353	3 023
$1,000 to $4,999	14 096	10 238	38	355	1 478	4 920	3 447
$5,000 to $9,999	2 182	2 057	49	340	764	742	162
$10,000 or more	1 050	1 043	140	400	253	208	42
Commercial fertilizer—farms	51 962	18 182	235	1 155	2 715	7 361	6 716
$1,000	175 929	141 077	9 750	25 940	33 028	48 199	24 160
Farms with expenses of—							
$1 to $2,499	35 381	5 011	12	65	256	1 717	2 961
$2,500 to $9,999	12 179	8 852	29	246	1 072	4 059	3 446
$10,000 to $19,999	2 980	2 906	41	316	891	1 371	287
$20,000 or more	1 422	1 413	153	528	496	214	22
Other agricultural chemicals including lime—farms	47 047	17 876	245	1 144	2 692	7 228	6 567
$1,000	68 555	56 655	5 688	11 639	13 550	17 568	8 210
Farms with expenses of—							
$1 to $2,499	40 376	11 573	29	179	976	4 674	5 715
$2,500 to $9,999	5 503	5 136	64	507	1 335	2 389	841
$10,000 to $19,999	847	846	58	294	326	157	11
$20,000 or more	321	321	94	164	55	8	–
Energy and petroleum products—farms	67 900	19 374	258	1 204	2 835	7 736	7 341
$1,000	131 249	99 644	10 783	16 933	22 933	32 610	16 385
Farms with expenses of—							
$1 to $2,499	54 854	7 196	1	23	175	2 035	4 962
$2,500 to $9,999	11 035	10 170	32	421	1 955	5 419	2 343
$10,000 to $19,999	1 524	1 523	70	555	620	242	36
$20,000 or more	487	485	155	205	85	40	–
Petroleum products—farms	67 865	19 374	258	1 204	2 835	7 736	7 341
$1,000	100 165	75 166	7 882	12 595	17 006	24 809	12 875
Gasoline—farms	63 969	18 483	252	1 166	2 748	7 410	6 907
$1,000	48 248	31 414	1 974	4 318	6 565	11 430	7 127
Diesel fuel—farms	30 923	15 418	230	1 110	2 553	6 551	4 974
$1,000	29 236	24 826	2 062	4 685	6 112	8 345	3 620
LP gas, butane, and propane—farms	7 003	5 070	133	609	1 162	2 105	1 061
$1,000	7 407	6 939	756	1 489	1 949	2 047	698
Fuel oil—farms	5 800	2 906	92	338	653	1 204	619
$1,000	3 760	3 134	1 132	492	547	698	265
Natural gas—farms	1 509	955	70	143	191	313	238
$1,000	4 568	4 386	1 686	974	890	669	167
Kerosene, motor oil, and grease—farms	67 864	19 373	258	1 204	2 834	7 736	7 341
$1,000	6 945	4 469	272	637	943	1 619	997
Electricity—farms	45 918	16 766	245	1 144	2 596	6 797	5 984
$1,000	30 372	24 091	2 895	4 333	5 868	7 591	3 403
Other—coal, wood, coke, etc.—farms	2 137	651	9	23	98	280	241
$1,000	713	386	5	5	59	210	107
Hired farm labor—farms	22 925	11 974	245	1 073	2 158	4 987	3 511
$1,000	137 307	127 341	32 385	30 936	26 549	28 066	9 405
Farms with expenses of—							
$1 to $4,999	17 939	7 125	9	160	782	3 202	2 972
$5,000 to $19,999	3 537	3 413	38	388	970	1 495	522
$20,000 to $49,999	1 016	1 009	55	347	310	280	17
$50,000 or more	433	427	143	178	96	10	–
Workers by number of days worked:							
150 days or more—farms	7 002	5 922	235	897	1 541	2 220	1 029
workers	18 426	16 833	3 757	3 500	3 554	4 376	1 646
Less than 150 days—farms	20 152	9 793	188	846	1 674	4 108	2 977
workers	124 585	88 256	7 995	14 410	16 629	33 823	15 399
Contract labor—farms	3 305	1 464	41	127	240	579	477
$1,000	12 435	10 598	2 508	1 611	2 640	2 662	1 177
Farms with expenses of—							
$1 to $2,499	2 445	778	7	34	92	331	314
$2,500 to $9,999	616	442	9	49	81	161	142
$10,000 to $19,999	139	139	8	25	22	64	20
$20,000 or more	105	105	17	19	45	23	1
Customwork, machine hire, and rental of machinery and equipment—farms	27 246	9 438	114	627	1 495	3 869	3 333
$1,000	27 175	17 712	1 176	3 026	3 475	6 361	3 675
Farms with expenses of—							
$1 to $2,499	24 707	7 360	34	307	1 021	3 055	2 943
$2,500 to $9,999	2 319	1 861	44	238	428	761	390
$10,000 to $19,999	183	180	21	64	43	52	–
$20,000 or more	37	37	15	18	3	1	–
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services—farms	6 013	3 294	35	293	598	1 373	995
$1,000	12 499	9 721	329	1 724	2 150	3 756	1 763
Value of agricultural products sold directly to individuals for human consumption—farms	6 787	1 653	28	129	250	632	614
$1,000	22 405	14 900	1 006	3 183	2 299	5 504	2 909

See footnote at end of table.

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

	Farms with sales of less than $20,000					Abnormal farms (see text)
	Total	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500	
SELECTED FARM PRODUCTION EXPENSES[1]—Con.						
Animal health costs—farms	16 207	3 282	3 331	3 234	6 360	12
$1,000	2 450	617	511	447	874	26
Farms with expenses of—						
$1 to $499	15 383	3 024	3 182	3 062	6 115	4
$500 to $999	611	224	84	152	151	1
$1,000 to $2,999	185	32	58	15	80	4
$3,000 or more	28	2	7	5	14	3
Seeds, bulbs, plants, and trees—farms	31 759	7 372	7 813	6 778	9 796	22
$1,000	15 601	6 792	4 296	2 599	1 914	37
Farms with expenses of—						
$1 to $999	27 778	4 829	6 874	6 369	9 706	13
$1,000 to $4,999	3 851	2 460	910	409	72	7
$5,000 to $9,999	123	76	29	–	18	2
$10,000 or more	7	7	–	–	–	–
Commercial fertilizer—farms	33 755	7 725	8 319	7 360	10 351	25
$1,000	34 688	15 357	10 202	5 427	3 701	165
Farms with expenses of—						
$1 to $2,499	30 354	5 448	7 427	7 162	10 317	16
$2,500 to $9,999	3 323	2 237	854	198	34	4
$10,000 to $19,999	73	40	33	–	–	1
$20,000 or more	5	–	5	–	–	4
Other agricultural chemicals including lime—farms	29 147	6 996	7 427	6 362	8 362	24
$1,000	11 843	5 259	3 349	1 828	1 407	57
Farms with expenses of—						
$1 to $2,499	28 785	6 741	7 336	6 360	8 348	18
$2,500 to $9,999	362	255	91	2	14	5
$10,000 to $19,999	–	–	–	–	–	1
$20,000 or more	–	–	–	–	–	–
Energy and petroleum products—farms	48 500	8 515	10 226	9 944	19 815	26
$1,000	31 479	11 036	8 507	5 711	6 226	126
Farms with expenses of—						
$1 to $2,499	47 645	7 901	10 007	9 927	19 810	13
$2,500 to $9,999	855	614	219	17	5	10
$10,000 to $19,999	–	–	–	–	–	1
$20,000 or more	–	–	–	–	–	2
Petroleum products—farms	48 465	8 515	10 226	9 944	19 780	26
$1,000	24 905	8 860	6 736	4 427	4 882	93
Gasoline—farms	45 460	8 044	9 646	9 240	18 530	26
$1,000	16 782	5 583	4 609	3 019	3 571	52
Diesel fuel—farms	15 491	4 732	3 949	3 423	3 387	14
$1,000	4 392	2 010	1 175	737	470	19
LP gas, butane, and propane—farms	1 927	693	500	291	443	6
$1,000	465	238	116	53	58	4
Fuel oil—farms	2 888	700	819	520	849	6
$1,000	619	208	172	98	141	7
Natural gas—farms	547	160	168	81	138	7
$1,000	174	78	53	14	29	7
Kerosene, motor oil, and grease—farms	48 465	8 515	10 226	9 944	19 780	26
$1,000	2 472	743	611	506	612	4
Electricity—farms	29 133	6 552	6 693	6 040	9 848	19
$1,000	6 248	2 097	1 663	1 228	1 260	33
Other—coal, wood, coke, etc.—farms	1 486	275	377	305	529	–
$1,000	326	78	108	56	85	–
Hired farm labor—farms	10 933	3 070	2 882	2 388	2 593	18
$1,000	9 057	3 640	2 492	1 518	1 407	909
Farms with expenses of—						
$1 to $4,999	10 811	2 964	2 866	2 388	2 593	3
$5,000 to $19,999	120	105	15	–	–	4
$20,000 to $49,999	1	–	1	–	–	6
$50,000 or more	1	1	–	–	–	5
Workers by number of days worked:						
150 days or more—farms	1 063	413	349	183	118	17
workers	1 513	612	509	249	143	80
Less than 150 days—farms	10 349	2 840	2 716	2 274	2 519	10
workers	36 279	12 339	9 920	7 120	6 900	50
Contract labor—farms	1 840	497	461	410	472	1
$1,000	(D)	809	500	271	(D)	(D)
Farms with expenses of—						
$1 to $2,499	1 667	376	420	405	466	–
$2,500 to $9,999	173	121	41	5	6	1
$10,000 to $19,999	–	–	–	–	–	–
$20,000 or more	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment—farms	17 800	3 959	4 543	3 710	5 588	8
$1,000	9 438	3 807	2 486	1 612	1 534	25
Farms with expenses of—						
$1 to $2,499	17 342	3 638	4 456	3 680	5 568	5
$2,500 to $9,999	456	319	87	30	20	2
$10,000 to $19,999	2	2	–	–	–	1
$20,000 or more	–	–	–	–	–	–
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services—farms	2 719	899	639	491	690	–
$1,000	2 778	1 024	592	420	742	–
Value of agricultural products sold directly to individuals for human consumption—farms	5 132	852	975	994	2 311	2
$1,000	(D)	2 978	2 069	1 297	(D)	(D)

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 ---farms	68 136	19 382	258	1 205	2 835	7 737	7 347
$1,000	2 072 471	1 386 708	62 357	191 417	297 012	529 156	306 766
Farms by value group:							
$1 to $4,999	8 704	174	–	4	10	27	133
$5,000 to $9,999	18 559	666	1	12	23	205	425
$10,000 to $19,999	13 294	1 601	3	31	89	368	1 110
$20,000 to $49,999	14 507	6 096	15	58	374	2 419	3 230
$50,000 to $99,999	8 243	6 242	30	220	941	3 074	1 977
$100,000 to $199,999	3 722	3 521	85	493	1 111	1 383	449
$200,000 to $499,999	1 055	1 030	93	372	284	258	23
$500,000 or more	52	52	31	15	3	3	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Automobiles ---farms	46 446	16 478	204	992	2 480	6 670	6 132
number	65 000	24 839	465	2 042	4 032	9 891	8 409
Motortrucks, including pickups ---farms	55 349	18 151	254	1 178	2 757	7 249	6 713
number	83 399	37 113	1 682	4 240	6 600	14 105	10 486
Wheel tractors ---farms	62 719	18 731	249	1 179	2 784	7 501	7 018
number	157 697	70 208	1 976	6 775	12 454	27 685	21 318
2 or 3 ---farms	32 157	8 269	31	164	671	3 262	4 141
number	76 776	21 603	77	433	1 808	8 621	10 664
4 or more ---farms	12 761	9 205	204	981	1 984	3 839	2 197
number	63 120	47 348	1 885	6 308	10 517	18 664	9 974
Grain and bean combines, self-propelled only ---farms	18 347	9 785	130	713	1 587	3 854	3 501
number	19 474	10 598	171	802	1 744	4 145	3 736
Cornpickers, corn heads, and picker-shellers ---farms	26 871	12 141	139	791	1 883	4 983	4 345
number	31 692	14 939	196	1 022	2 370	6 117	5 234
Corn heads for combines ---farms	10 600	6 915	120	668	1 317	2 757	2 053
number	11 333	7 450	157	733	1 393	2 995	2 172
Other cornpickers and picker-shellers ---farms	19 459	7 120	37	268	904	2 991	2 920
number	20 359	7 489	39	289	977	3 122	3 062
Cottonpickers ---farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ---farms	20 689	9 005	86	560	1 564	3 842	2 953
number	22 066	9 532	95	608	1 657	4 102	3 070
Pickup balers ---farms	25 189	9 522	91	590	1 545	3 902	3 394
number	26 039	9 994	104	644	1 637	4 116	3 493
Field forage harvesters, shear bar or flywheel type ---farms	11 176	6 939	91	524	1 358	3 031	1 935
number	12 986	8 236	131	651	1 598	3 578	2 278
AGRICULTURAL CHEMICALS[1]							
Agricultural chemicals, including commercial fertilizer and lime ---farms	55 765	18 735	250	1 176	2 778	7 555	6 976
$1,000	244 485	197 732	15 438	37 578	46 578	65 768	32 370
Commercial fertilizer ---farms	50 833	18 042	235	1 155	2 698	7 294	6 660
acres on which used	5 745 950	4 364 166	238 365	685 377	975 291	1 586 343	878 790
Lime ---farms	8 145	3 586	66	324	678	1 489	1 029
acres on which used	260 968	179 664	16 883	31 780	35 700	65 402	29 899
tons	549 528	367 859	36 893	67 589	77 279	124 005	62 093
Sprays, dusts, granules, fumigants, etc. to control—							
Insects on hay and other crops ---farms	17 801	7 829	159	687	1 396	3 211	2 376
acres on which used	1 551 173	1 246 537	116 268	249 741	307 479	385 579	187 470
Nematodes in crops ---farms	2 620	1 500	46	151	303	569	431
acres on which used	227 341	188 431	16 467	36 889	43 844	59 071	32 160
Diseases in crops and orchards ---farms	7 659	3 155	76	272	572	1 361	874
acres on which used	419 475	346 838	50 574	67 998	71 101	109 925	47 240
Weeds, grass, or brush in crops and pasture ---farms	33 811	13 758	178	887	2 121	5 679	4 893
acres on which used	3 706 728	2 909 096	172 697	461 268	653 884	1 055 907	565 340
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit ---farms	2 105	1 104	33	123	248	459	241
acres on which used	94 153	74 411	13 193	14 760	16 208	21 443	8 807
Insect control on livestock and poultry ---farms	12 154	5 669	106	434	1 040	2 394	1 695
Sanitation and rodent and bird control ---farms	8 552	3 799	99	344	762	1 547	1 047
LIVESTOCK							
Cattle and calves inventory ---farms	28 406	9 972	106	621	1 645	4 340	3 260
number	1 276 204	990 609	92 089	169 983	243 073	338 985	146 479
Farms with—							
1 to 9	9 531	557	4	10	45	178	320
10 to 49	11 442	2 791	5	31	115	848	1 792
50 to 99	4 073	3 374	4	33	223	2 147	967
100 to 199	2 346	2 252	5	108	888	1 096	155
200 to 499	884	871	19	395	366	65	26
500 or more	130	127	69	44	8	6	–
Cows and heifers that had calved ---farms	21 236	8 196	42	453	1 417	3 726	2 558
number	532 837	417 186	11 789	59 190	114 405	163 475	68 327
Beef cows ---farms	11 831	2 025	17	72	213	753	970
number	146 757	57 889	2 864	4 402	8 292	21 477	20 854
Farms with—							
1 to 9	7 458	747	1	18	61	292	375
10 to 49	3 939	949	7	24	96	347	475
50 to 99	301	209	2	14	32	70	91
100 to 199	98	90	2	10	19	32	27
200 to 499	29	25	3	6	5	9	2
500 or more	6	5	2	–	–	3	–

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 ---farms	48 728	8 535	10 235	9 970	19 988	26
$1,000	683 880	217 816	177 910	132 782	155 372	1 883
Farms by value group:						
$1 to $4,999	8 529	380	990	1 953	5 206	1
$5,000 to $9,999	17 892	1 188	2 392	3 122	11 190	1
$10,000 to $19,999	11 689	2 490	3 640	2 987	2 572	4
$20,000 to $49,999	8 404	3 335	2 644	1 581	844	7
$50,000 to $99,999	1 995	1 008	531	298	158	6
$100,000 to $199,999	196	129	33	23	11	5
$200,000 to $499,999	23	5	5	6	7	2
$500,000 or more	–	–	–	–	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Automobiles ---farms	29 963	6 646	7 403	6 224	9 690	5
number	40 155	9 246	9 696	8 263	12 950	6
Motortrucks, including pickups ---farms	37 177	7 485	8 333	7 818	13 541	21
number	46 222	10 753	10 695	9 230	15 544	64
Wheel tractors ---farms	43 964	7 951	9 624	8 944	17 445	24
number	87 349	20 571	21 421	17 587	27 770	140
2 or 3 ---farms	23 883	5 237	6 250	5 434	6 962	5
number	55 161	12 722	14 704	12 441	15 294	12
4 or more ---farms	3 541	1 449	1 009	477	606	15
number	15 648	6 584	4 352	2 113	2 599	124
Grain and bean combines, self-propelled only ---farms	8 559	3 031	2 587	1 585	1 356	3
number	8 872	3 174	2 700	1 631	1 367	4
Cornpickers, corn heads, and picker-shellers ---farms	14 724	4 098	4 068	3 104	3 454	6
number	16 745	4 812	4 836	3 415	3 682	8
Corn heads for combines ---farms	3 683	1 560	1 127	512	484	2
number	(D)	1 637	1 220	532	(D)	(D)
Other cornpickers and picker-shellers ---farms	12 334	2 987	3 454	2 775	3 118	5
number	12 865	3 175	3 616	2 883	3 191	5
Cottonpickers ---farms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ---farms	11 675	2 608	3 175	2 593	3 299	9
number	12 523	2 746	3 304	2 729	3 744	11
Pickup balers ---farms	15 659	3 506	3 893	3 518	4 742	8
number	16 033	3 649	3 982	3 568	4 834	12
Field forage harvesters, shear bar or flywheel type ---farms	4 228	1 095	1 225	837	1 071	9
number	4 738	1 297	1 389	896	1 156	12
AGRICULTURAL CHEMICALS[1]						
Agricultural chemicals, including commercial fertilizer and lime ---farms	37 004	8 001	8 798	8 094	12 111	26
$1,000	46 531	20 616	13 551	7 255	5 108	222
Commercial fertilizer ---farms	32 766	7 635	8 083	7 172	9 876	25
acres on which used	1 376 638	607 404	408 359	207 576	153 299	5 146
Lime ---farms	4 553	1 129	986	1 029	1 409	6
acres on which used	81 124	30 073	22 322	13 715	15 014	180
tons	180 983	67 266	50 858	30 602	32 257	686
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops ---farms	9 956	2 693	2 446	2 155	2 662	16
acres on which used	303 759	151 513	77 703	46 462	28 081	877
Nematodes in crops ---farms	1 112	381	274	227	230	8
acres on which used	38 532	21 960	9 519	4 721	2 332	378
Diseases in crops and orchards ---farms	4 492	892	969	943	1 688	12
acres on which used	72 317	24 163	21 935	13 604	12 615	320
Weeds, grass, or brush in crops and pasture ---farms	20 033	5 073	5 348	4 386	5 226	20
acres on which used	795 260	357 095	243 749	116 281	78 135	2 372
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit ---farms	998	253	246	178	321	3
acres on which used	19 700	8 288	4 909	2 746	3 757	42
Insect control on livestock and poultry ---farms	6 475	1 505	1 441	1 391	2 138	10
Sanitation and rodent and bird control ---farms	4 745	1 011	1 077	1 066	1 591	8
LIVESTOCK						
Cattle and calves inventory ---farms	18 421	3 332	3 548	3 428	8 113	13
number	282 094	94 824	72 260	50 179	64 831	3 501
Farms with—						
1 to 9	8 972	639	1 049	1 469	5 815	2
10 to 49	8 648	2 253	2 259	1 879	2 257	3
50 to 99	697	374	218	69	36	2
100 to 199	93	58	20	11	4	1
200 to 499	11	8	2	–	1	2
500 or more	–	–	–	–	–	3
Cows and heifers that had calved ---farms	13 029	2 374	2 541	2 335	5 779	11
number	113 797	38 156	29 495	19 578	26 568	1 854
Beef cows ---farms	9 797	1 498	2 002	2 037	4 260	9
number	87 738	22 931	24 288	17 601	22 918	1 130
Farms with—						
1 to 9	6 709	646	1 044	1 340	3 679	2
10 to 49	2 987	800	924	685	578	3
50 to 99	91	47	32	11	1	1
100 to 199	7	3	2	1	1	1
200 to 499	3	2	–	–	1	1
500 or more	–	–	–	–	–	1

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows—farms	11 120	6 812	27	398	1 275	3 253	1 859
number	386 080	359 297	8 925	54 788	106 113	141 998	47 473
Farms with—							
1 to 4	2 952	194	–	5	14	56	119
5 to 9	492	64	–	–	1	16	47
10 to 49	4 838	3 723	2	16	102	2 021	1 582
50 to 99	2 098	2 094	2	55	784	1 142	111
100 to 199	661	660	4	270	368	18	–
200 to 499	75	73	15	52	6	–	–
500 or more	4	4	4	–	–	–	–
Heifers and heifer calves—farms	20 748	8 219	58	476	1 407	3 717	2 561
number	387 853	309 619	16 478	53 178	86 001	112 903	41 059
Steers, steer calves, bulls, and bull calves—farms	22 679	8 029	94	527	1 301	3 375	2 732
number	355 514	263 804	63 822	57 615	42 667	62 607	37 093
Cattle and calves sold—farms	24 534	10 048	104	633	1 672	4 358	3 281
number	685 940	551 312	112 534	113 775	108 515	144 691	71 797
$1,000	263 312	222 055	60 296	50 362	39 613	48 530	23 254
Calves—farms	12 231	6 026	22	316	1 069	2 757	1 862
number	191 595	142 687	2 587	23 268	37 077	53 218	26 537
$1,000	25 836	17 654	334	3 961	4 007	5 867	3 486
Cattle—farms	21 503	9 179	100	594	1 561	3 988	2 936
number	494 345	408 625	109 947	90 507	71 438	91 473	45 260
$1,000	237 476	204 402	59 963	46 401	35 606	42 663	19 768
Fattened on grain and concentrates—farms	9 238	3 167	76	274	490	1 170	1 157
number	290 704	250 674	95 817	60 475	36 354	36 998	21 030
$1,000	149 386	132 940	55 147	31 663	18 281	17 981	9 869
Hogs and pigs inventory—farms	10 907	2 969	40	213	429	1 128	1 159
number	958 231	752 537	84 488	161 214	168 341	212 685	125 809
Farms with—							
1 to 9	4 242	298	2	8	28	132	128
10 to 49	3 434	628	–	16	63	225	324
50 to 99	1 199	426	2	13	35	139	237
100 to 199	872	571	5	21	61	213	271
200 to 499	741	633	4	40	98	316	175
500 or more	419	413	27	115	144	103	24
Used or to be used for breeding—farms	6 845	2 088	25	129	278	801	855
number	163 135	115 075	13 575	22 617	24 236	33 491	21 156
Other—farms	10 027	2 807	39	208	421	1 058	1 081
number	795 096	637 462	70 913	138 597	144 105	179 194	104 653
Hogs and pigs sold—farms	9 431	3 018	42	224	447	1 128	1 177
number	1 417 675	1 165 624	144 004	256 846	259 376	320 557	184 841
$1,000	126 173	108 991	15 194	26 333	25 107	28 094	14 263
Feeder pigs sold—farms	2 913	736	5	21	88	272	350
number	321 584	202 790	9 264	9 852	39 893	74 728	69 053
$1,000	13 964	9 235	415	465	1 913	3 417	3 025
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30—farms	7 361	2 152	25	131	285	822	889
number	177 116	136 536	17 482	25 102	29 065	40 505	24 382
Dec. 1 and May 31—farms	5 836	1 893	24	123	254	730	762
number	83 940	64 741	7 962	11 665	13 804	20 276	11 034
June 1 and Nov. 30—farms	5 986	1 983	25	127	263	757	811
number	93 176	71 795	9 520	13 437	15 261	20 229	13 348
Sheep and lambs of all ages inventory—farms	2 615	465	4	19	55	182	205
number	112 678	41 571	1 255	2 199	5 819	18 198	14 100
Ewes 1 year old or older—farms	2 325	417	3	16	49	164	185
number	66 843	20 711	45	1 322	1 941	9 277	8 126
Sheep and lambs sold—farms	2 258	445	4	18	53	174	196
number	77 736	38 970	1 603	1 412	7 960	15 744	12 251
Sheep and lambs shorn—farms	2 324	413	3	16	49	162	183
number	95 628	38 756	53	1 734	6 881	18 454	11 634
pounds of wool	723 735	304 092	349	12 843	49 302	143 028	98 570
Horses and ponies inventory—farms	12 168	1 887	19	102	264	701	801
number	54 033	8 468	131	573	1 241	2 690	3 833
Horses and ponies sold—farms	2 639	343	5	5	47	85	201
number	7 592	1 642	36	176	273	385	772
$1,000	8 958	4 581	11	420	671	982	2 498
Goats inventory—farms	939	47	–	1	6	12	28
number	5 134	491	–	(D)	(D)	345	111
Goats sold—farms	325	15	–	–	3	4	8
number	1 396	82	–	–	13	35	34
$1,000	41	2	–	–	(Z)	1	1
POULTRY							
Chickens 3 months old or older inventory—farms	8 118	1 297	30	98	186	470	513
number	7 089 968	6 737 244	2 485 315	2 060 945	1 402 042	660 734	128 208
Farms with—							
1 to 399	7 691	932	2	23	83	362	462
400 to 3,199	147	89	–	3	6	38	42
3,200 to 9,999	88	86	–	5	24	50	7
10,000 to 19,999	97	96	1	15	60	18	2
20,000 to 49,999	63	62	2	46	12	2	–
50,000 to 99,999	25	25	18	6	1	–	–
100,000 or more	7	7	7	–	–	–	–
Hens and pullets of laying age—farms	7 935	1 269	29	93	182	462	503
number	6 266 068	5 985 246	2 216 900	1 825 275	1 244 912	587 590	110 569
Pullets 3 months old or older not of laying age—farms	1 471	111	10	12	12	36	41
number	823 900	751 998	268 415	235 670	157 130	73 144	17 639

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	4 301	1 118	737	493	1 953	7
number	26 059	15 225	5 207	1 977	3 650	724
Farms with—						
1 to 4	2 756	235	345	338	1 838	2
5 to 9	428	99	134	105	90	–
10 to 49	1 113	780	258	50	25	2
50 to 99	4	4	–	–	–	–
100 to 199	–	–	–	–	–	1
200 to 499	–	–	–	–	–	2
500 or more	–	–	–	–	–	–
Heifers and heifer calves—farms	12 518	2 406	2 441	2 329	5 342	11
number	77 256	26 672	18 945	13 466	18 173	978
Steers, steer calves, bulls, and bull calves—farms	14 638	2 840	3 013	2 925	5 860	12
number	91 041	29 996	23 820	17 135	20 090	669
Cattle and calves sold—farms	14 473	3 342	3 338	3 140	4 653	13
number	132 659	53 300	37 498	23 490	18 371	1 969
$1,000	40 447	17 060	11 709	6 885	4 793	809
Calves—farms	6 196	1 601	1 471	1 291	1 833	9
number	48 328	18 643	13 882	8 431	7 372	580
$1,000	8 105	3 125	2 498	1 430	1 052	78
Cattle—farms	12 313	2 882	2 928	2 737	3 766	11
number	84 331	34 657	23 616	15 059	10 999	1 389
$1,000	32 343	13 935	9 211	5 455	3 741	731
Fattened on grain and concentrates—farms	6 066	1 433	1 499	1 393	1 741	5
number	39 522	16 802	10 874	7 017	4 829	508
$1,000	16 168	7 139	4 622	2 689	1 718	278
Hogs and pigs inventory—farms	7 931	1 378	1 448	1 372	3 733	7
number	204 223	85 054	50 603	28 790	39 776	1 471
Farms with—						
1 to 9	3 943	255	465	634	2 589	1
10 to 49	2 803	560	649	554	1 040	3
50 to 99	773	288	234	156	95	–
100 to 199	301	197	73	23	8	–
200 to 499	106	75	25	5	1	2
500 or more	5	3	2	–	–	1
Used or to be used for breeding—farms	4 752	995	1 033	972	1 752	5
number	47 740	16 594	10 435	7 790	12 921	320
Other—farms	7 213	1 267	1 312	1 127	3 507	7
number	156 483	68 460	40 168	21 000	26 855	1 151
Hogs and pigs sold—farms	6 406	1 427	1 437	1 275	2 267	7
number	249 529	114 952	64 457	37 704	32 416	2 522
$1,000	16 905	8 508	4 288	2 402	1 708	277
Feeder pigs sold—farms	2 177	453	521	552	651	–
number	118 794	48 091	31 515	20 798	18 390	–
$1,000	4 729	2 020	1 277	834	598	–
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30—farms	5 204	1 035	1 087	1 018	2 064	5
number	40 114	17 164	9 827	6 934	6 189	466
Dec. 1 and May 31—farms	3 939	848	859	828	1 404	4
number	19 002	8 242	4 506	3 637	2 617	197
June 1 and Nov. 30—farms	3 998	895	922	758	1 423	5
number	21 112	8 922	5 321	3 297	3 572	269
Sheep and lambs of all ages inventory—farms	2 149	276	359	385	1 129	1
number	(D)	(D)	15 404	11 575	27 477	(D)
Ewes 1 year old or older—farms	1 907	258	315	360	974	1
number	(D)	(D)	9 639	7 951	18 491	(D)
Sheep and lambs sold—farms	1 811	272	330	301	908	2
number	(D)	(D)	10 399	7 196	9 511	(D)
Sheep and lambs shorn—farms	1 910	255	315	292	1 048	1
number	(D)	(D)	12 899	9 358	19 892	(D)
pounds of wool	(D)	(D)	98 856	73 758	120 729	(D)
Horses and ponies inventory—farms	10 273	1 075	1 420	1 979	5 799	8
number	45 480	5 486	6 862	8 874	24 258	85
Horses and ponies sold—farms	2 294	230	346	574	1 144	2
number	(D)	(D)	1 194	1 580	2 288	(D)
$1,000	(D)	(D)	1 112	1 039	1 092	(D)
Goats inventory—farms	892	72	77	94	649	–
number	4 643	411	466	588	3 178	–
Goats sold—farms	310	54	30	37	189	–
number	1 314	162	137	226	789	–
$1,000	39	3	7	6	23	–
POULTRY						
Chickens 3 months old or older inventory—farms	6 818	702	959	1 151	4 006	3
number	335 906	87 154	57 388	45 403	145 961	16 818
Farms with—						
1 to 399	6 758	670	936	1 147	4 005	1
400 to 3,199	58	30	23	4	1	–
3,200 to 9,999	1	1	–	–	–	1
10,000 to 19,999	–	–	–	–	–	1
20,000 to 49,999	1	1	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Hens and pullets of laying age—farms	6 663	690	943	1 124	3 906	3
number	264 004	61 213	53 327	42 165	107 299	16 818
Pullets 3 months old or older not of laying age—farms	1 360	61	121	127	1 051	–
number	71 902	25 941	4 061	3 238	38 662	–

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
POULTRY—Con.							
Chickens 3 months old or older sold—farms	1 511	559	30	85	120	192	132
number	6 635 168	6 404 776	2 061 496	1 786 954	1 391 512	905 788	259 026
Broilers and other meat-type chickens sold—farms	616	104	–	5	16	39	44
number	501 899	410 167	–	10 475	187 664	138 194	73 834
Farms with—							
1 to 1,999	592	89	–	4	12	35	38
2,000 to 59,999	21	12	–	1	2	3	6
60,000 to 99,999	3	3	–	–	2	1	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding—farms	253	31	1	4	5	10	11
number	40 332	39 442	(D)	11 277	11 105	2 735	(D)
Turkeys sold—farms	514	50	6	6	10	18	10
number	1 112 557	1 100 576	954 000	69 180	49 058	18 428	9 910
CROPS HARVESTED							
Corn for all purposes—farms	37 783	15 177	167	930	2 336	6 321	5 423
acres	2 817 381	2 215 905	143 270	376 587	527 806	785 342	382 900
For grain or seed—farms	35 407	14 307	159	880	2 231	5 919	5 118
acres	2 385 858	1 834 313	105 317	307 314	429 257	651 410	341 015
bushels	188 175 469	151 821 761	9 833 449	28 287 397	36 707 661	51 715 342	25 277 912
Irrigated—farms	803	684	40	146	175	217	106
acres	99 378	96 003	16 327	27 562	23 811	21 180	7 123
Farms by acres harvested:							
1 to 24 acres	14 648	1 673	5	19	78	534	1 037
25 to 99 acres	14 058	6 434	13	102	576	2 817	2 926
100 to 499 acres	6 256	5 755	61	560	1 453	2 527	1 154
500 acres or more	445	445	80	199	124	41	1
Wheat for grain—farms	14 383	6 436	62	415	933	2 623	2 403
acres	382 166	256 631	7 878	32 828	52 249	98 763	64 913
bushels	15 044 875	10 673 685	324 236	1 473 755	2 253 136	4 136 091	2 486 467
Irrigated—farms	24	19	–	8	2	8	1
acres	1 191	1 117	–	641	(D)	403	(D)
Farms by acres harvested:							
1 to 24 acres	9 496	2 899	8	77	280	1 165	1 369
25 to 99 acres	4 370	3 038	25	220	496	1 302	995
100 to 499 acres	511	493	27	116	157	154	39
500 acres or more	6	6	2	2	–	2	–
Oats for grain—farms	18 576	7 736	37	359	1 133	3 270	2 937
acres	408 148	246 443	3 133	18 596	47 044	101 250	76 420
bushels	23 368 531	15 230 632	229 180	1 236 493	2 982 491	6 197 149	4 585 319
Irrigated—farms	27	18	–	4	4	6	4
acres	643	562	–	123	207	132	100
Barley for grain—farms	754	451	3	35	77	188	148
acres	19 414	15 861	190	2 333	3 665	6 287	3 386
bushels	921 222	781 922	11 850	135 884	197 752	284 347	152 089
Irrigated—farms	1	1	1	–	–	–	–
acres	(D)	(D)	(D)	–	–	–	–
Soybeans for beans—farms	14 506	5 432	43	305	734	2 121	2 229
acres	898 071	597 330	12 903	66 629	111 471	235 739	170 588
bushels	21 355 414	15 164 759	377 751	1 921 189	3 042 590	5 910 554	3 912 675
Irrigated—farms	201	167	11	26	34	59	37
acres	11 307	10 480	1 570	2 221	2 573	2 785	1 331
Farms by acres harvested:							
1 to 24 acres	5 195	767	2	24	78	261	402
25 to 99 acres	6 760	2 462	8	77	269	917	1 191
100 to 499 acres	2 448	2 100	25	163	358	921	633
500 acres or more	103	103	8	41	29	22	3
Dry field and seed beans—farms	5 458	3 014	17	168	410	1 253	1 166
acres	454 585	369 366	5 959	54 087	73 276	149 131	86 913
100-lb bags	5 310 200	4 434 410	75 979	737 263	908 716	1 730 412	982 040
Irrigated—farms	68	56	1	14	15	21	5
acres	7 726	7 455	(D)	2 641	1 964	2 261	(D)
Irish potatoes—farms	851	416	14	58	95	155	94
acres	43 903	42 565	8 100	13 066	11 037	8 668	1 695
hundredweight	10 025 708	9 833 854	2 121 549	3 350 331	2 402 417	1 682 904	276 653
Irrigated—farms	216	182	12	38	52	64	16
acres	21 409	21 302	4 964	8 185	4 856	3 175	121
Farms by acres harvested:							
0.1 to 0.9 acres	232	17	–	–	1	5	11
1.0 to 4.9 acres	198	44	–	2	4	15	23
5.0 to 24.9 acres	108	53	–	–	3	22	28
25.0 to 99.9 acres	167	156	–	6	34	84	32
100.0 acres or more	146	146	14	50	53	29	–
Sugar beets for sugar—farms	1 598	1 273	19	122	238	571	323
acres	91 597	87 114	4 482	21 943	21 546	29 651	9 492
tons	1 712 213	1 633 699	88 613	426 272	404 446	540 986	173 382
Irrigated—farms	19	17	–	1	7	8	1
acres	796	788	–	(D)	379	(D)	(D)
Hay crops (see text)—farms	36 136	10 873	94	612	1 699	4 607	3 861
acres	1 633 568	946 850	18 706	103 155	222 858	385 228	216 903
tons, dry	3 729 147	2 483 128	61 425	297 401	621 758	1 003 577	498 967
Irrigated—farms	217	166	9	42	48	45	22
acres	9 788	8 930	1 364	2 890	2 437	1 705	534
Farms by acres harvested:							
1 to 24 acres	17 563	2 150	15	65	173	754	1 143
25 to 99 acres	14 327	5 211	30	137	554	2 343	2 147
100 to 499 acres	4 186	3 453	43	390	956	1 499	565
500 acres or more	60	59	6	20	16	11	6

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—farms	950	171	160	164	455	2
number	(D)	125 961	16 975	59 456	(D)	(D)
Broilers and other meat-type chickens sold—farms	511	104	75	98	234	1
number	(D)	41 020	12 866	23 274	(D)	(D)
Farms with—						
1 to 1,999	502	100	74	94	234	1
2,000 to 59,999	9	4	1	4	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding—farms	222	9	26	45	142	–
number	890	20	136	174	560	–
Turkeys sold—farms	463	17	20	26	400	1
number	(D)	6 686	1 430	564	(D)	(D)
CROPS HARVESTED						
Corn for all purposes—farms	22 592	6 062	5 897	4 485	6 148	14
acres	598 926	271 804	173 282	86 029	67 811	2 550
For grain or seed—farms	21 089	5 703	5 618	4 245	5 523	11
acres	550 360	250 369	161 021	79 680	59 290	1 185
bushels	36 265 432	17 726 513	10 622 397	4 869 249	3 047 273	88 276
Irrigated—farms	118	46	26	24	22	1
acres	(D)	2 066	865	255	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	12 971	1 833	2 863	3 140	5 135	4
25 to 99 acres	7 621	3 457	2 678	1 098	388	3
100 to 499 acres	497	413	77	7	–	4
500 acres or more	–	–	–	–	–	–
Wheat for grain—farms	7 944	2 718	2 473	1 533	1 220	3
acres	125 452	54 564	39 234	19 380	12 274	83
bushels	4 368 440	2 070 108	1 342 711	631 720	323 901	2 750
Irrigated—farms	5	2	1	1	1	–
acres	74	(D)	(D)	(D)	(D)	–
Farms by acres harvested:						
1 to 24 acres	6 595	1 992	2 031	1 406	1 166	2
25 to 99 acres	1 331	713	438	126	54	1
100 to 499 acres	18	13	4	1	–	–
500 acres or more	–	–	–	–	–	–
Oats for grain—farms	10 836	3 103	2 932	2 166	2 635	4
acres	161 666	59 205	45 940	28 065	28 456	39
bushels	8 136 194	3 312 323	2 367 994	1 349 978	1 105 899	1 705
Irrigated—farms	9	1	2	4	2	–
acres	81	(D)	(D)	21	(D)	–
Barley for grain—farms	302	97	85	67	53	1
acres	(D)	1 578	935	594	(D)	(D)
bushels	(D)	69 893	38 027	21 018	(D)	(D)
Irrigated—farms	–	–	–	–	–	–
acres	–	–	–	–	–	–
Soybeans for beans—farms	9 071	2 818	2 670	2 083	1 500	3
acres	300 722	141 704	89 955	48 540	20 523	19
bushels	6 190 137	3 137 656	1 805 068	937 478	309 935	518
Irrigated—farms	34	21	7	2	4	–
acres	827	655	129	(D)	(D)	–
Farms by acres harvested:						
1 to 24 acres	4 425	747	1 069	1 308	1 301	3
25 to 99 acres	4 298	1 784	1 545	770	199	–
100 to 499 acres	348	287	56	5	–	–
500 acres or more	–	–	–	–	–	–
Dry field and seed beans—farms	2 440	1 015	832	402	191	4
acres	85 193	48 184	25 945	8 007	3 057	26
100-lb bags	875 378	520 113	257 122	74 328	23 815	412
Irrigated—farms	11	7	4	–	–	1
acres	(D)	178	(D)	–	–	(D)
Irish potatoes—farms	430	88	74	84	184	5
acres	1 240	737	191	137	174	98
hundredweight	168 890	105 256	24 351	18 366	20 917	22 964
Irrigated—farms	32	11	5	9	7	2
acres	(D)	53	7	32	(D)	(D)
Farms by acres harvested:						
0.1 to 0.9 acres	215	19	29	43	124	–
1.0 to 4.9 acres	153	32	34	32	55	1
5.0 to 24.9 acres	52	27	11	9	5	3
25.0 to 99.9 acres	10	10	–	–	–	1
100.0 acres or more	–	–	–	–	–	–
Sugar beets for sugar—farms	324	171	79	72	2	1
acres	(D)	3 126	1 126	213	(D)	(D)
tons	(D)	55 505	18 788	3 901	(D)	(D)
Irrigated—farms	2	1	1	–	–	–
acres	(D)	(D)	(D)	–	–	–
Hay crops (see text)—farms	25 250	4 447	5 088	5 241	10 474	13
acres	683 313	185 596	170 153	134 284	193 280	3 405
tons, dry	1 239 508	399 282	324 616	244 641	270 969	6 511
Irrigated—farms	51	8	11	14	18	–
acres	858	42	203	372	241	–
Farms by acres harvested:						
1 to 24 acres	15 412	1 857	2 495	3 132	7 928	1
25 to 99 acres	9 115	2 207	2 387	2 023	2 498	1
100 to 499 acres	723	383	206	86	48	10
500 acres or more	–	–	–	–	–	1

See footnote at end of table.

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

	All farms	Farms with sales of $20,000 or more					
		Total	$500,000 or more	$200,000 to $499,999	$100,000 to $199,999	$40,000 to $99,999	$20,000 to $39,999
CROPS HARVESTED—Con.							
Hay crops—Con.							
Alfalfa hay—farms	30 435	9 852	86	544	1 551	4 294	3 377
acres	1 137 415	633 609	13 247	61 837	138 187	265 400	154 938
tons, dry	2 901 154	1 910 788	50 130	214 836	454 425	794 874	396 523
Irrigated—farms	182	136	9	26	41	41	19
acres	6 636	5 963	1 083	1 655	1 530	1 246	449
All vegetables harvested for sale (see text)—farms	4 165	1 629	51	157	274	647	500
acres	122 307	103 845	22 514	19 788	21 245	28 515	11 783
Irrigated—farms	851	511	34	83	104	174	116
acres	35 623	33 999	14 759	6 830	5 442	5 067	1 901
Farms by acres harvested:							
0.1 to 4.9 acres	1 616	153	1	4	13	50	85
5.0 to 24.9 acres	1 430	501	2	18	58	192	231
25.0 to 99.9 acres	849	711	8	61	120	345	177
100.0 acres or more	270	264	40	74	83	60	7
Land in orchards—farms	5 299	1 814	31	174	304	743	562
acres	170 650	140 829	14 550	33 066	32 531	42 996	17 687
Irrigated—farms	525	352	14	69	85	140	44
acres	14 619	13 491	1 624	4 922	3 326	2 913	705
Farms by acres in orchards:							
0.1 to 4.9 acres	1 781	96	2	6	4	32	52
5.0 to 24.9 acres	1 896	366	–	9	24	129	204
25.0 to 99.9 acres	1 191	926	4	27	128	471	296
100.0 acres or more	431	426	25	132	148	111	10
Apples—farms	3 280	1 190	28	132	220	476	334
total acres	71 887	59 883	7 665	13 556	14 349	17 157	7 157
pounds	773 356 281	724 670 683	105 420 485	191 819 474	187 002 544	176 783 885	63 644 295
Cherries—farms	2 456	1 240	27	137	232	514	330
total acres	61 746	54 912	5 451	13 979	13 294	16 668	5 520
pounds	201 810 909	193 152 199	18 148 050	52 735 058	49 754 107	57 408 527	15 106 457
Grapes (see text)—farms	1 553	364	3	24	43	140	154
total acres	15 529	9 017	55	1 323	1 246	4 104	2 290
pounds	118 356 478	79 260 758	150 000	13 423 820	12 367 805	33 561 206	19 757 927

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.						
Hay crops—Con.						
Alfalfa hay—farms	20 572	3 847	4 286	4 266	8 173	11
acres	501 939	142 363	127 966	95 374	136 236	1 867
tons, dry	985 728	329 833	261 929	185 079	208 887	4 638
Irrigated—farms	46	8	11	12	15	–
acres	673	42	203	260	168	–
All vegetables harvested for sale (see text)—farms	2 531	604	561	528	838	5
acres	18 366	8 938	5 068	2 459	1 900	96
Irrigated—farms	337	82	75	116	64	3
acres	1 598	658	459	372	109	26
Farms by acres harvested:						
0.1 to 4.9 acres	1 463	144	193	360	766	–
5.0 to 24.9 acres	926	364	330	160	72	3
25.0 to 99.9 acres	136	90	38	8	–	2
100.0 acres or more	6	6	–	–	–	–
Land in orchards—farms	3 477	593	610	568	1 706	8
acres	29 664	11 234	6 332	4 044	8 054	157
Irrigated—farms	170	33	20	53	64	3
acres	1 119	373	192	257	298	9
Farms by acres in orchards:						
0.1 to 4.9 acres	1 683	79	185	282	1 137	2
5.0 to 24.9 acres	1 526	348	379	262	537	4
25.0 to 99.9 acres	263	163	46	24	30	2
100.0 acres or more	5	3	–	–	2	–
Apples—farms	2 085	312	310	300	1 163	5
total acres	11 903	4 212	2 331	1 512	3 849	101
pounds	48 164 223	27 297 060	11 573 715	4 603 255	4 690 193	521 375
Cherries—farms	1 212	278	201	177	556	4
total acres	6 823	2 918	1 309	782	1 814	12
pounds	8 633 710	5 894 710	1 750 558	719 609	268 833	25 000
Grapes (see text)—farms	1 186	211	262	262	451	3
total acres	6 506	2 747	1 766	965	1 029	6
pounds	39 095 720	19 578 804	11 812 823	5 311 690	2 392 403	–

[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)				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)		
FARMS AND LAND IN FARMS									
Farms	number	68 211	23 849	7 240	–	–	7 240	2 061	4 339
	percent	100.0	34.9	10.6	–	–	10.6	3.0	6.3
Land in farms	acres	11 426 256	4 328 002	981 901	–	–	981 901	225 925	441 957
Average size of farm	acres	168	181	136	–	–	136	110	102
Value of land and buildings[1]	farms	68 210	23 861	7 296	–	–	7 296	2 014	4 483
	$1,000	11 115 789	4 479 753	839 938	–	–	839 938	287 001	596 654
Average per farm	dollars	162 964	187 743	115 123	–	–	115 123	142 503	133 092
Average per acre	dollars	974	1 045	838	–	–	838	1 230	1 323
Farms by value of land and buildings:									
$1 to $19,999		4 566	1 399	505	–	–	505	161	458
$20,000 to $39,999		9 537	2 739	1 414	–	–	1 414	348	833
$40,000 to $69,999		15 253	4 622	1 946	–	–	1 946	463	926
$70,000 to $99,999		9 469	3 588	1 074	–	–	1 074	298	587
$100,000 to $149,999		8 831	3 335	917	–	–	917	260	633
$150,000 to $199,999		5 067	1 899	466	–	–	466	111	270
$200,000 to $499,999		11 099	4 364	735	–	–	735	297	551
$500,000 to $999,999		3 253	1 362	186	–	–	186	47	179
$1,000,000 or more		1 135	553	53	–	–	53	29	46
Owned and rented land by operator:									
Land owned	farms	63 829	21 493	6 913	–	–	6 913	1 932	4 231
	acres	8 261 793	2 783 920	826 428	–	–	826 428	173 251	419 561
Land rented or leased from others	farms	25 161	10 599	1 784	–	–	1 784	635	714
	acres	3 584 970	1 690 676	206 992	–	–	206 992	62 324	45 790
Land rented or leased to others	farms	7 325	2 468	935	–	–	935	221	648
	acres	420 507	146 594	51 519	–	–	51 519	9 650	23 394
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	66 079	23 849	7 240	–	–	7 240	2 061	4 339
	acres	8 654 403	3 578 323	675 788	–	–	675 788	166 545	289 900
Harvested cropland	farms	62 925	23 849	7 240	–	–	7 240	2 061	4 339
	acres	6 947 059	3 108 027	474 561	–	–	474 561	131 958	213 691
Farms by acres harvested:									
1 to 49 acres		30 670	9 340	4 652	–	–	4 652	1 508	3 175
50 to 99 acres		12 556	5 900	1 505	–	–	1 505	249	587
100 to 199 acres		9 821	4 269	684	–	–	684	138	361
200 to 499 acres		7 775	3 289	316	–	–	316	134	186
500 to 999 acres		1 722	846	63	–	–	63	26	22
1,000 to 1,999 acres		341	182	18	–	–	18	5	8
2,000 acres or more		40	23	2	–	–	2	1	–
Cropland:									
Pasture or grazing only	farms	22 886	3 909	2 243	–	–	2 243	273	499
	acres	757 696	106 595	82 643	–	–	82 643	5 526	13 388
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	9 359	3 546	1 071	–	–	1 071	297	744
	acres	214 951	80 929	27 692	–	–	27 692	5 889	13 367
On which all crops failed	farms	3 867	1 142	436	–	–	436	205	263
	acres	75 521	24 879	9 030	–	–	9 030	3 119	2 281
In cultivated summer fallow	farms	7 682	2 999	857	–	–	857	249	411
	acres	174 565	77 667	18 602	–	–	18 602	4 841	5 722
Idle	farms	18 615	6 665	2 370	–	–	2 370	691	1 704
	acres	484 611	180 226	63 260	–	–	63 260	15 212	41 451
Total woodland	farms	36 313	11 558	4 312	–	–	4 312	863	2 243
	acres	1 575 759	379 805	199 337	–	–	199 337	31 390	80 492
Woodland pastured	farms	8 992	1 840	826	–	–	826	117	245
	acres	340 189	48 744	33 246	–	–	33 246	3 186	7 715
Woodland not pastured	farms	30 629	10 284	3 771	–	–	3 771	775	2 068
	acres	1 235 570	331 061	166 091	–	–	166 091	28 204	72 777
Pastureland and rangeland other than cropland and woodland pastured	farms	7 345	2 008	684	–	–	684	126	288
	acres	323 062	71 979	25 373	–	–	25 373	5 333	11 146
Land in house lots, ponds, roads, wasteland, etc.	farms	52 031	17 401	5 258	–	–	5 258	1 547	3 478
	acres	873 032	297 895	81 403	–	–	81 403	22 657	60 419
Pastureland, all types	farms	30 270	6 290	3 018	–	–	3 018	435	862
	acres	1 420 947	227 318	141 262	–	–	141 262	14 045	32 249
Irrigated land	farms	3 183	505	213	–	–	213	519	836
	acres	226 133	79 975	29 969	–	–	29 969	31 017	21 838
Harvested cropland irrigated	farms	3 127	498	211	–	–	211	517	830
	acres	222 875	79 606	29 763	–	–	29 763	30 592	21 514
Pastureland irrigated	farms	40	5	1	–	–	1	2	–
	acres	716	119	(D)	–	–	(D)	(D)	–
Other land irrigated	farms	143	13	10	–	–	10	28	42
	acres	2 542	250	(D)	–	–	(D)	(D)	324
Land set aside in the federal farm programs in 1978	farms	12 727	6 433	701	–	–	701	147	202
	acres	245 452	125 973	8 128	–	–	8 128	2 157	2 274
RACE AND TENURE OF OPERATOR									
All operators	number	68 211	23 849	7 240	–	–	7 240	2 061	4 339
Full owners	number	43 151	13 290	5 470	–	–	5 470	1 428	3 629
Part owners	number	20 620	8 170	1 439	–	–	1 439	504	601
Tenants	number	4 440	2 389	331	–	–	331	129	109
White	number	67 772	23 750	7 164	–	–	7 164	2 039	4 299
Full owners	number	42 867	13 228	5 459	–	–	5 459	1 412	3 593
Part owners	number	20 486	8 141	1 374	–	–	1 374	500	600
Tenants	number	4 419	2 381	331	–	–	331	127	106
Black and other races	number	439	99	76	–	–	76	22	40
Full owners	number	284	62	11	–	–	11	16	36
Part owners	number	134	29	65	–	–	65	4	1
Tenants	number	21	8	–	–	–	–	2	3

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
FARMS AND LAND IN FARMS								
Farms—number	1 353	3 249	15 497	5 433	7 029	654	1 889	1 051
percent	1.9	4.7	22.7	7.9	10.3	0.9	2.7	1.5
Land in farms—acres	81 453	428 219	2 217 880	841 887	2 316 966	78 568	90 330	235 055
Average size of farm—acres	60	132	143	155	330	120	48	224
Value of land and buildings[1]—farms	1 431	3 201	15 415	5 406	6 963	579	1 938	1 029
$1,000	197 099	443 869	1 910 014	555 862	1 884 088	97 842	180 835	198 695
Average per farm—dollars	137 735	138 665	123 906	102 823	270 585	168 984	93 309	193 095
Average per acre—dollars	2 476	1 056	854	655	819	1 208	1 790	895
Farms by value of land and buildings:								
$1 to $19,999	108	128	1 463	511	55	70	142	77
$20,000 to $39,999	318	568	2 345	1 077	248	49	404	271
$40,000 to $69,999	328	1 071	4 419	1 528	605	160	616	97
$70,000 to $99,999	199	386	2 342	762	600	62	258	75
$100,000 to $149,999	168	310	1 790	663	1 020	66	206	126
$150,000 to $199,999	88	162	959	326	858	35	149	70
$200,000 to $499,999	164	374	1 442	401	2 715	82	140	235
$500,000 to $999,999	36	148	493	108	693	45	14	50
$1,000,000 or more	22	54	162	30	169	10	9	28
Owned and rented land by operator:								
Land owned—farms	1 228	3 148	14 820	5 301	6 708	648	1 698	1 010
acres	73 385	320 603	1 814 297	733 826	1 540 731	66 781	82 760	160 076
Land rented or leased from others—farms	256	830	4 668	1 356	4 723	143	420	389
acres	13 851	121 794	527 592	159 653	790 800	18 680	24 995	81 476
Land rented or leased to others—farms	127	316	1 846	728	196	115	324	129
acres	5 783	14 178	124 009	51 592	14 565	6 893	17 425	6 497
LAND IN FARMS ACCORDING TO USE								
Total cropland—farms	1 353	3 249	14 133	5 046	6 959	481	1 446	969
acres	48 018	320 749	1 462 574	479 818	1 831 023	53 825	47 001	180 657
Harvested cropland—farms	1 353	3 143	12 051	4 325	6 902	397	842	748
acres	29 829	255 911	993 582	259 416	1 535 362	41 041	18 446	144 651
Farms by acres harvested:								
1 to 49 acres	1 239	2 075	7 009	2 724	477	217	764	214
50 to 99 acres	44	385	2 548	946	1 092	61	52	133
100 to 199 acres	37	347	1 412	454	2 335	51	20	167
200 to 499 acres	25	257	830	178	2 507	52	6	173
500 to 999 acres	7	58	192	17	446	16	–	46
1,000 to 1,999 acres	–	21	51	5	43	–	–	13
2,000 acres or more	1	–	9	1	2	–	–	2
Cropland:								
Pasture or grazing only—farms	76	1 310	8 808	3 663	4 041	177	937	613
acres	1 545	28 173	297 787	160 925	178 363	4 463	16 993	22 220
Cover crops, legumes, and soil-improvement grasses not harvested or pastured—farms	112	401	1 894	647	989	70	118	117
acres	4 660	8 178	39 056	13 319	28 276	1 881	1 801	3 222
On which all crops failed—farms	28	321	828	371	486	46	42	70
acres	461	5 320	14 561	6 678	12 801	975	641	1 453
In cultivated summer fallow—farms	77	409	1 573	588	893	50	62	102
acres	2 572	6 207	30 282	9 579	23 007	1 245	1 548	2 872
Idle—farms	321	882	3 528	1 119	1 742	158	359	195
acres	8 951	16 960	87 306	29 901	53 214	4 220	7 572	6 239
Total woodland—farms	404	1 708	8 837	3 353	4 750	271	788	579
acres	20 224	59 357	452 688	221 459	284 356	14 238	22 922	30 950
Woodland pastured—farms	39	404	3 331	1 536	1 689	62	261	178
acres	1 347	10 271	136 824	84 925	79 914	3 941	4 905	10 096
Woodland not pastured—farms	377	1 453	6 752	2 451	3 854	238	574	483
acres	18 877	49 086	315 864	136 534	204 442	10 297	18 017	20 854
Pastureland and rangeland other than cropland and woodland pastured—farms	34	300	2 251	923	1 183	61	268	142
acres	803	11 141	112 761	69 209	65 225	2 753	8 323	8 225
Land in house lots, ponds, roads, wasteland, etc.—farms	921	2 723	12 385	4 138	5 462	540	1 422	894
acres	12 408	36 972	189 857	71 401	136 362	7 752	12 084	15 223
Pastureland, all types—farms	128	1 617	10 665	4 378	5 040	239	1 258	718
acres	3 695	49 585	547 372	315 059	323 502	11 157	30 221	40 541
Irrigated land—farms	562	126	198	29	148	24	15	37
acres	11 480	6 487	20 464	1 405	19 185	2 393	81	3 244
Harvested cropland irrigated—farms	556	121	181	26	144	24	13	32
acres	10 420	6 413	20 086	1 219	18 843	2 393	70	3 175
Pastureland irrigated—farms	1	1	16	5	8	–	2	4
acres	(D)	(D)	220	126	272	–	(D)	(D)
Other land irrigated—farms	21	10	12	3	4	–	1	2
acres	(D)	(D)	158	60	70	–	(D)	(D)
Land set aside in the federal farm programs in 1978—farms	15	467	2 322	567	2 094	86	42	218
acres	468	6 868	40 439	6 873	50 836	1 817	318	6 174
RACE AND TENURE OF OPERATOR								
All operators—number	1 353	3 249	15 497	5 433	7 029	654	1 889	1 051
Full owners—number	1 100	2 421	10 858	4 096	2 311	511	1 471	662
Part owners—number	127	727	3 951	1 198	4 390	136	227	348
Tenants—number	126	101	688	139	328	7	191	41
White—number	1 349	3 237	15 341	5 414	7 010	649	1 884	1 050
Full owners—number	1 096	2 410	10 729	4 081	2 304	506	1 468	662
Part owners—number	127	726	3 931	1 194	4 379	136	225	347
Tenants—number	126	101	681	139	327	7	191	41
Black and other races—number	4	12	156	19	19	5	5	1
Full owners—number	4	11	129	15	7	5	3	–
Part owners—number	–	1	20	4	11	–	2	1
Tenants—number	–	–	7	–	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)		
FARMS BY TYPE OF ORGANIZATION								
Individual or family—farms	61 399	21 693	6 758	–	–	6 758	1 845	3 816
acres	9 180 975	3 642 993	847 105	–	–	847 105	153 701	317 496
Partnership—farms	5 890	1 997	418	–	–	418	170	403
acres	1 813 363	579 904	97 862	–	–	97 862	35 201	79 528
Corporations:								
Family held—farms	694	96	42	–	–	42	42	90
acres	354 970	82 715	30 463	–	–	30 463	35 515	38 752
More than 10 stockholders—farms	14	–	1	–	–	1	3	3
10 or less stockholders—farms	680	96	41	–	–	41	39	87
Other than family held—farms	93	12	8	–	–	8	2	12
acres	49 022	7 519	4 739	–	–	4 739	(D)	4 396
More than 10 stockholders—farms	11	–	1	–	–	1	–	2
10 or less stockholders—farms	82	12	7	–	–	7	2	10
Other—cooperative, estate or trust, etc.—farms	135	51	14	–	–	14	2	18
acres	27 926	14 871	1 732	–	–	1 732	(D)	1 785
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	56 135	18 619	5 710	–	–	5 710	1 638	3 451
Not on farm operated	6 835	3 222	874	–	–	874	253	626
Operators by age group:								
Under 25 years	2 316	1 281	224	–	–	224	36	40
25 to 34 years	9 136	3 364	922	–	–	922	241	404
35 to 44 years	14 303	4 585	1 632	–	–	1 632	461	867
45 to 54 years	16 734	5 543	1 627	–	–	1 627	488	1 008
55 to 64 years	15 640	5 379	1 543	–	–	1 543	529	1 099
65 years and over	10 082	3 697	1 292	–	–	1 292	306	921
Average age	49.3	48.8	49.9	–	–	49.9	50.2	52.6
Operators by sex:								
Male	65 575	23 176	6 929	–	–	6 929	1 954	4 085
Female	2 636	673	311	–	–	311	107	254
Operators of Spanish origin	301	111	23	–	–	23	76	11
Operators by principal occupation:								
Farming	30 909	10 358	2 265	–	–	2 265	1 006	2 179
Other	37 302	13 491	4 975	–	–	4 975	1 055	2 160
Operators reporting days of work off farm:								
None	24 093	7 457	1 967	–	–	1 967	733	1 765
1 to 99 days	5 523	2 082	530	–	–	530	183	421
100 to 199 days	5 396	1 820	543	–	–	543	167	367
200 days or more	30 950	11 661	4 004	–	–	4 004	899	1 644
FARMS BY SIZE								
1 to 9 acres	3 581	230	84	–	–	84	150	354
10 to 49 acres	16 611	5 144	1 926	–	–	1 926	917	1 736
50 to 69 acres	4 933	1 901	685	–	–	685	172	389
70 to 99 acres	9 734	3 883	1 460	–	–	1 460	247	542
100 to 139 acres	7 887	3 203	1 061	–	–	1 061	205	380
140 to 179 acres	5 614	2 246	606	–	–	606	74	272
180 to 219 acres	3 974	1 485	357	–	–	357	52	194
220 to 259 acres	3 126	1 153	245	–	–	245	47	112
260 to 499 acres	8 388	2 916	513	–	–	513	133	239
500 to 999 acres	3 509	1 321	250	–	–	250	50	95
1,000 to 1,999 acres	743	319	45	–	–	45	10	24
2,000 acres or more	111	48	8	–	–	8	4	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)	23 849	23 849	–	–	–	–	–	–
Field crop, except cash grain farms (013)	7 240	–	7 240	–	–	7 240	–	–
Cotton farms (0131)	–	–	–	–	–	–	–	–
Tobacco farms (0132)	–	–	–	–	–	–	–	–
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	7 240	–	7 240	–	–	7 240	–	–
Vegetable and melon farms (016)	2 061	–	–	–	–	–	2 061	–
Fruit and tree nut farms (017)	4 339	–	–	–	–	–	–	4 339
Horticultural specialty farms (018)	1 353	–	–	–	–	–	–	–
General farms, primarily crop (019)	3 249	–	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)	15 497	–	–	–	–	–	–	–
Beef cattle farms, except feedlots (0212)	5 433	–	–	–	–	–	–	–
Dairy farms (024)	7 029	–	–	–	–	–	–	–
Poultry and egg farms (025)	654	–	–	–	–	–	–	–
Animal specialty farms (027)	1 889	–	–	–	–	–	–	–
General farms, primarily livestock (029)	1 051	–	–	–	–	–	–	–
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold—farms	68 211	23 849	7 240	–	–	7 240	2 061	4 339
$1,000	1 938 147	470 068	85 941	–	–	85 941	91 378	163 625
Farms by value of agricultural products sold:								
$500,000 or more	258	18	13	–	–	13	32	23
$200,000 to $499,999	1 205	190	53	–	–	53	52	140
$100,000 to $199,999	2 839	553	89	–	–	89	98	267
$40,000 to $99,999	7 805	2 192	207	–	–	207	240	644
$20,000 to $39,999	7 114	2 854	290	–	–	290	221	484
$10,000 to $19,999	8 699	4 148	647	–	–	647	327	541
$5,000 to $9,999	9 913	4 788	1 010	–	–	1 010	349	486
$2,500 to $4,999	9 963	4 138	1 549	–	–	1 549	331	450
Less than $2,500	20 415	4 968	3 382	–	–	3 382	411	1 304

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
				Total	Beef cattle farms, except feedlots (0212)				
FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms	1 044	3 038	14 268	5 128	5 687	568	1 756	926
	acres	50 042	342 939	1 829 328	750 755	1 693 540	56 191	80 130	167 510
Partnership	farms	144	185	1 037	276	1 257	58	107	114
	acres	7 971	69 750	286 752	70 777	579 266	13 451	6 995	56 683
Corporations:									
Family held	farms	145	14	151	21	62	22	19	11
	acres	19 031	12 943	80 308	17 806	32 867	8 684	2 830	10 862
More than 10 stockholders	farms	2	–	3	2	1	1	–	–
10 or less stockholders	farms	143	14	148	19	61	21	19	11
Other than family held	farms	14	1	17	4	17	6	4	–
	acres	3 543	(D)	17 008	1 450	9 256	242	87	–
More than 10 stockholders	farms	2	–	4	2	–	–	2	–
10 or less stockholders	farms	12	1	13	2	17	6	2	–
Other—cooperative, estate or trust, etc.	farms	6	11	24	4	6	–	3	–
	acres	866	(D)	4 484	1 099	2 037	–	288	–
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		978	2 822	13 473	4 622	6 330	551	1 609	954
Not on farm operated		281	227	905	361	207	37	172	31
Operators by age group:									
Under 25 years		17	47	399	65	140	7	78	47
25 to 34 years		147	426	2 122	586	1 033	73	251	153
35 to 44 years		192	747	3 436	1 036	1 511	117	588	167
45 to 54 years		400	782	4 053	1 393	1 987	169	448	229
55 to 64 years		423	595	3 389	1 433	1 837	148	358	340
65 years and over		174	652	2 098	920	521	140	166	115
Average age		51.6	51.8	49.0	51.5	48.0	52.7	46.1	49.7
Operators by sex:									
Male		1 281	2 987	14 981	5 173	6 866	624	1 677	1 015
Female		72	262	516	260	163	30	212	36
Operators of Spanish origin		10	7	39	9	17	2	3	2
Operators by principal occupation:									
Farming		649	1 206	5 429	1 739	6 441	392	432	552
Other		704	2 043	10 068	3 694	588	262	1 457	499
Operators reporting days of work off farm:									
None		665	1 018	4 125	1 489	5 160	316	423	464
1 to 99 days		101	251	1 038	349	689	48	95	85
100 to 199 days		105	177	1 626	587	229	56	164	142
200 days or more		430	1 730	8 268	2 851	607	202	1 182	323
FARMS BY SIZE									
1 to 9 acres		596	14	1 306	278	46	152	496	153
10 to 49 acres		379	1 328	3 838	1 132	90	175	864	214
50 to 69 acres		115	214	1 176	351	61	47	138	35
70 to 99 acres		75	481	2 475	945	291	68	145	67
100 to 139 acres		49	302	1 879	771	571	53	108	76
140 to 179 acres		28	199	1 285	566	733	35	57	79
180 to 219 acres		26	190	808	347	758	19	25	60
220 to 259 acres		15	151	585	247	729	8	19	62
260 to 499 acres		42	236	1 469	573	2 569	69	28	174
500 to 999 acres		22	90	510	172	1 041	24	7	99
1,000 to 1,999 acres		4	41	139	41	129	3	2	27
2,000 acres or more		2	3	27	10	11	1	–	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)		1 353	–	–	–	–	–	–	–
General farms, primarily crop (019)		–	3 249	–	–	–	–	–	–
Livestock farms, except dairy, poultry, and animal specialty (021)		–	–	15 497	5 433	–	–	–	–
Beef cattle farms, except feedlots (0212)		–	–	5 433	5 433	–	–	–	–
Dairy farms (024)		–	–	–	–	7 029	–	–	–
Poultry and egg farms (025)		–	–	–	–	–	654	–	–
Animal specialty farms (027)		–	–	–	–	–	–	1 889	–
General farms, primarily livestock (029)		–	–	–	–	–	–	–	1 051
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	farms	1 353	3 249	15 497	5 433	7 029	654	1 889	1 051
	$1,000	104 626	50 232	336 283	57 307	499 939	80 361	17 643	38 052
Farms by value of agricultural products sold:									
$500,000 or more		36	3	81	5	15	32	1	4
$200,000 to $499,999		71	40	233	33	321	63	7	35
$100,000 to $199,999		99	70	350	50	1 127	102	18	66
$40,000 to $99,999		187	243	879	179	2 904	97	40	172
$20,000 to $39,999		129	190	1 125	234	1 542	40	123	116
$10,000 to $19,999		143	262	1 678	500	703	29	125	96
$5,000 to $9,999		179	256	2 257	847	271	23	219	75
$2,500 to $4,999		141	176	2 618	1 059	100	23	386	51
Less than $2,500		368	2 009	6 276	2 526	46	245	970	436

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	37 601	23 674	2 219	–	–	2 219	489	468
$1,000	519 232	403 949	13 477	–	–	13 477	4 417	2 399
Sales of $40,000 or more—farms	3 028	2 474	62	–	–	62	23	6
$1,000	257 286	215 708	5 233	–	–	5 233	1 934	368
Commodity Credit Corporation loans—farms	3 406	2 242	140	–	–	140	31	37
$1,000	30 118	23 025	565	–	–	565	224	96
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	16 422	4 350	6 710	–	–	6 710	145	268
$1,000	56 617	10 733	26 936	–	–	26 936	291	552
Sales of $40,000 or more—farms	74	5	43	–	–	43	–	–
$1,000	4 638	236	2 634	–	–	2 634	–	–
Vegetables, sweet corn, and melons—farms	4 155	532	186	–	–	186	2 061	555
$1,000	98 325	3 304	1 740	–	–	1 740	77 433	6 559
Sales of $40,000 or more—farms	488	19	12	–	–	12	365	39
$1,000	72 948	1 218	1 246	–	–	1 246	63 006	3 141
Fruits, nuts, and berries—farms	5 300	223	131	–	–	131	422	3 970
$1,000	161 574	985	210	–	–	210	4 273	149 995
Sales of $40,000 or more—farms	1 065	4	1	–	–	1	16	1 011
$1,000	127 818	296	(D)	–	–	(D)	2 375	122 088
Nursery and greenhouse products—farms	1 686	87	17	–	–	17	122	47
$1,000	103 763	277	45	–	–	45	1 446	239
Sales of $40,000 or more—farms	395	1	–	–	–	–	10	–
$1,000	94 884	(D)	–	–	–	–	(D)	–
Other crops—farms	2 257	1 004	602	–	–	602	114	27
$1,000	73 462	20 485	39 657	–	–	39 657	1 613	166
Sales of $40,000 or more—farms	477	143	245	–	–	245	11	–
$1,000	51 692	9 723	34 895	–	–	34 895	1 009	–
Poultry and poultry products—farms	3 858	683	220	–	–	220	103	73
$1,000	78 197	840	76	–	–	76	17	47
Sales of $40,000 or more—farms	306	5	–	–	–	–	–	–
$1,000	73 945	(D)	–	–	–	–	–	–
Dairy products—farms	8 399	148	55	–	–	55	7	22
$1,000	434 999	3 889	531	–	–	531	(D)	781
Sales of $40,000 or more—farms	3 940	30	4	–	–	4	–	6
$1,000	352 669	2 573	201	–	–	201	–	511
Cattle and calves—farms	24 521	3 296	1 063	–	–	1 063	126	184
$1,000	262 503	14 797	2 566	–	–	2 566	1 515	2 103
Sales of $40,000 or more—farms	906	37	1	–	–	1	5	14
$1,000	141 991	2 960	(D)	–	–	(D)	1 024	1 295
Hogs and pigs—farms	9 424	1 721	333	–	–	333	83	66
$1,000	125 896	9 884	395	–	–	395	298	584
Sales of $40,000 or more—farms	728	44	–	–	–	–	–	4
$1,000	80 680	2 841	–	–	–	–	–	333
Sheep, lambs, and wool—farms	2 510	427	154	–	–	154	11	26
$1,000	4 819	647	86	–	–	86	6	16
Sales of $40,000 or more—farms	9	–	–	–	–	–	–	–
$1,000	594	–	–	–	–	–	–	–
Other livestock and livestock products (see text)—farms	3 987	364	420	–	–	420	47	166
$1,000	18 762	278	221	–	–	221	35	185
Sales of $40,000 or more—farms	69	–	–	–	–	–	–	–
$1,000	8 761	–	–	–	–	–	–	–
SELECTED FARM PRODUCTION EXPENSES[1]								
Livestock and poultry purchased—farms	21 314	3 965	1 323	–	–	1 323	235	300
$1,000	148 807	8 090	1 160	–	–	1 160	876	1 088
Farms with expenses of—								
$1 to $4,999	17 478	3 677	1 282	–	–	1 282	212	266
$5,000 to $19,999	2 397	210	38	–	–	38	17	19
$20,000 to $49,999	892	66	2	–	–	2	2	10
$50,000 or more	547	12	1	–	–	1	4	5
Feed for livestock and poultry—farms	33 378	5 382	2 173	–	–	2 173	364	537
$1,000	183 706	5 662	1 326	–	–	1 326	404	728
Farms with expenses of—								
$1 to $4,999	26 779	5 137	2 163	–	–	2 163	351	508
$5,000 to $19,999	4 879	226	10	–	–	10	12	23
$20,000 to $49,999	1 171	13	–	–	–	–	–	6
$50,000 or more	549	6	–	–	–	–	1	–
Commercially mixed formula feeds—farms	17 624	1 797	1 085	–	–	1 085	177	306
tons	647 388	11 876	4 338	–	–	4 338	573	1 651
$1,000	109 164	2 207	666	–	–	666	126	260
Farms by tons purchased:								
1 to 99 tons	16 671	1 787	1 085	–	–	1 085	177	302
100 to 499 tons	776	10	–	–	–	–	–	4
500 tons or more	177	–	–	–	–	–	–	–
Farms with expenses of—								
$1 to $4,999	13 911	1 713	1 083	–	–	1 083	169	296
$5,000 to $19,999	2 873	71	2	–	–	2	8	9
$20,000 to $49,999	503	10	–	–	–	–	–	1
$50,000 or more	337	3	–	–	–	–	–	–

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	farms	87	1 278	5 082	1 206	3 465	228	87	524
	$1,000	975	15 296	34 347	4 695	30 714	4 307	189	9 163
Sales of $40,000 or more	farms	9	90	160	15	113	30	1	60
	$1,000	516	7 133	12 284	1 312	7 045	(D)	(D)	4 675
Commodity Credit Corporation loans	farms	5	116	427	61	327	20	7	54
	$1,000	17	542	2 640	171	2 063	278	10	658
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	38	984	2 391	829	1 010	66	174	286
	$1,000	63	4 709	5 434	1 857	5 682	393	229	1 595
Sales of $40,000 or more	farms	–	7	3	–	10	2	–	4
	$1,000	–	461	271	–	592	(D)	–	(D)
Vegetables, sweet corn, and melons	farms	124	364	195	46	58	34	14	32
	$1,000	893	6 775	681	38	373	145	8	414
Sales of $40,000 or more	farms	7	36	4	–	1	1	–	4
	$1,000	377	3 395	226	–	(D)	(D)	–	(D)
Fruits, nuts, and berries	farms	59	207	148	37	77	12	19	32
	$1,000	1 091	2 468	1 029	49	842	164	19	497
Sales of $40,000 or more	farms	5	13	5	–	3	2	–	5
	$1,000	838	1 154	402	–	160	(D)	–	290
Nursery and greenhouse products	farms	1 353	40	15	4	–	1	2	2
	$1,000	101 469	261	21	5	–	(D)	(D)	(D)
Sales of $40,000 or more	farms	383	1	–	–	–	–	–	–
	$1,000	93 727	(D)	–	–	–	–	–	–
Other crops	farms	7	276	108	18	77	15	1	26
	$1,000	33	7 399	2 434	138	834	236	(D)	(D)
Sales of $40,000 or more	farms	–	48	22	1	2	1	–	5
	$1,000	–	3 936	1 668	(D)	(D)	(D)	–	321
Poultry and poultry products	farms	15	159	1 544	259	258	579	55	169
	$1,000	2	310	996	236	1 307	72 845	7	1 748
Sales of $40,000 or more	farms	–	1	4	1	5	280	–	11
	$1,000	–	(D)	394	(D)	969	70 753	–	1 395
Dairy products	farms	–	120	485	255	7 028	16	2	516
	$1,000	–	2 858	6 884	3 579	405 713	325	(D)	13 946
Sales of $40,000 or more	farms	–	24	48	26	3 722	4	–	102
	$1,000	–	1 740	3 701	1 793	335 411	228	–	8 304
Cattle and calves	farms	19	870	11 106	5 275	7 006	88	144	619
	$1,000	47	6 884	174 322	45 147	51 569	531	169	7 998
Sales of $40,000 or more	farms	–	36	670	210	100	2	–	41
	$1,000	–	2 519	123 793	22 212	7 042	(D)	–	3 134
Hogs and pigs	farms	9	345	6 101	454	460	85	48	173
	$1,000	37	2 820	106 286	1 288	2 476	1 343	52	1 721
Sales of $40,000 or more	farms	–	12	639	5	5	13	–	11
	$1,000	–	1 142	74 450	427	347	824	–	743
Sheep, lambs, and wool	farms	12	67	1 621	144	114	16	19	43
	$1,000	4	230	3 399	174	230	33	6	160
Sales of $40,000 or more	farms	–	1	7	–	–	–	–	1
	$1,000	–	(D)	(D)	–	–	–	–	(D)
Other livestock and livestock products (see text)	farms	20	77	736	234	148	22	1 889	98
	$1,000	11	221	450	102	199	38	16 925	199
Sales of $40,000 or more	farms	–	1	1	–	–	–	66	1
	$1,000	–	(D)	(D)	–	–	–	8 572	(D)
SELECTED FARM PRODUCTION EXPENSES[1]									
Livestock and poultry purchased	farms	37	1 172	9 709	2 668	2 562	480	934	597
	$1,000	39	3 381	96 311	13 731	16 963	12 805	4 382	3 711
Farms with expenses of—									
$1 to $4,999		36	1 020	7 801	2 234	1 702	205	784	493
$5,000 to $19,999		1	121	1 151	298	635	93	60	52
$20,000 to $49,999		–	22	365	80	185	129	86	25
$50,000 or more		–	9	392	56	40	53	4	27
Feed for livestock and poultry	farms	77	1 771	13 237	4 270	6 650	553	1 708	926
	$1,000	41	2 327	50 005	7 229	70 579	43 649	4 721	4 263
Farms with expenses of—									
$1 to $4,999		77	1 688	11 648	4 054	2 641	234	1 605	727
$5,000 to $19,999		–	74	1 108	154	3 167	26	65	168
$20,000 to $49,999		–	5	330	48	705	75	18	19
$50,000 or more		–	4	151	14	137	218	20	12
Commercially mixed formula feeds	farms	42	717	4 915	966	6 639	486	818	642
	tons	59	4 776	82 407	11 239	234 009	283 402	10 208	14 088
	$1,000	13	909	15 953	2 072	41 503	43 002	2 078	2 446
Farms by tons purchased:									
1 to 99 tons		42	714	4 751	947	6 180	196	810	627
100 to 499 tons		–	3	151	18	440	152	5	11
500 tons or more		–	–	13	1	19	138	3	4
Farms with expenses of—									
$1 to $4,999		42	676	4 305	908	4 125	169	773	560
$5,000 to $19,999		–	39	427	38	2 194	26	30	67
$20,000 to $49,999		–	1	141	14	255	77	10	8
$50,000 or more		–	1	42	6	65	214	5	7

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	26 970	3 719	1 668	–	–	1 668	176	223
	$1,000	13 693	562	256	–	–	256	25	53
Farms with expenses of—									
$1 to $499		20 773	3 554	1 612	–	–	1 612	168	191
$500 to $999		2 680	91	41	–	–	41	5	23
$1,000 to $2,999		2 684	70	15	–	–	15	2	8
$3,000 or more		833	4	–	–	–	–	1	1
Seeds, bulbs, plants, and trees	farms	49 763	20 782	4 558	–	–	4 558	1 733	2 527
	$1,000	81 155	30 963	5 790	–	–	5 790	3 792	3 763
Farms with expenses of—									
$1 to $999		32 444	13 196	3 764	–	–	3 764	1 174	1 672
$1,000 to $4,999		14 089	6 242	593	–	–	593	375	666
$5,000 to $9,999		2 180	965	102	–	–	102	103	126
$10,000 or more		1 050	379	99	–	–	99	81	63
Commercial fertilizer	farms	51 937	21 789	4 095	–	–	4 095	1 788	3 515
	$1,000	175 764	83 223	10 042	–	–	10 042	5 460	5 873
Farms with expenses of—									
$1 to $2,499		35 365	13 912	3 341	–	–	3 341	1 321	2 910
$2,500 to $9,999		12 175	5 820	542	–	–	542	334	507
$10,000 to $19,999		2 979	1 354	120	–	–	120	95	69
$20,000 or more		1 418	703	92	–	–	92	38	29
Other agricultural chemicals including lime	farms	47 023	19 834	3 035	–	–	3 035	1 715	4 143
	$1,000	68 498	26 826	4 130	–	–	4 130	4 708	10 988
Farms with expenses of—									
$1 to $2,499		40 358	17 156	2 688	–	–	2 688	1 369	3 084
$2,500 to $9,999		5 498	2 261	264	–	–	264	240	769
$10,000 to $19,999		846	336	38	–	–	38	61	190
$20,000 or more		321	81	45	–	–	45	45	100
Energy and petroleum products	farms	67 874	23 795	7 197	–	–	7 197	2 008	4 470
	$1,000	131 123	38 908	7 916	–	–	7 916	4 331	8 224
Farms with expenses of—									
$1 to $2,499		54 841	19 965	6 678	–	–	6 678	1 665	3 676
$2,500 to $9,999		11 025	3 392	416	–	–	416	252	643
$10,000 to $19,999		1 523	355	65	–	–	65	60	115
$20,000 or more		485	83	38	–	–	38	31	36
Petroleum products	farms	67 839	23 795	7 197	–	–	7 197	2 008	4 464
	$1,000	100 071	33 519	6 194	–	–	6 194	3 519	6 077
Gasoline	farms	63 943	22 156	6 659	–	–	6 659	1 921	4 300
	$1,000	48 196	15 811	3 296	–	–	3 296	1 921	3 745
Diesel fuel	farms	30 909	13 053	2 474	–	–	2 474	648	1 647
	$1,000	29 217	11 343	1 971	–	–	1 971	796	1 210
LP gas, butane, and propane	farms	6 997	2 368	292	–	–	292	241	513
	$1,000	7 403	3 277	201	–	–	201	208	275
Fuel oil	farms	5 794	1 615	461	–	–	461	262	572
	$1,000	3 753	421	171	–	–	171	186	267
Natural gas	farms	1 502	290	86	–	–	86	88	128
	$1,000	4 560	296	45	–	–	45	195	115
Kerosene, motor oil, and grease	farms	67 838	23 795	7 197	–	–	7 197	2 008	4 464
	$1,000	6 941	2 372	509	–	–	509	212	464
Electricity	farms	45 899	14 468	4 115	–	–	4 115	1 274	3 004
	$1,000	30 339	5 215	1 638	–	–	1 638	792	2 128
Other—coal, wood, coke, etc.	farms	2 137	605	306	–	–	306	81	96
	$1,000	713	174	84	–	–	84	19	20
Hired farm labor	farms	22 907	5 977	1 828	–	–	1 828	1 071	2 485
	$1,000	136 398	12 561	6 666	–	–	6 666	13 892	29 998
Farms with expenses of—									
$1 to $4,999		17 936	5 513	1 574	–	–	1 574	661	1 426
$5,000 to $19,999		3 533	364	180	–	–	180	252	664
$20,000 to $49,999		1 010	83	51	–	–	51	95	252
$50,000 or more		428	17	23	–	–	23	63	143
Workers by number of days worked:									
150 days or more	farms	6 985	983	338	–	–	338	323	892
	workers	18 346	1 653	978	–	–	978	1 499	2 606
Less than 150 days	farms	20 142	5 440	1 724	–	–	1 724	1 005	2 355
	workers	124 535	19 045	7 695	–	–	7 695	14 062	44 164
Contract labor	farms	3 304	725	285	–	–	285	288	820
	$1,000	12 430	1 156	319	–	–	319	2 231	4 325
Farms with expenses of—									
$1 to $2,499		2 445	612	267	–	–	267	150	527
$2,500 to $9,999		615	103	13	–	–	13	85	172
$10,000 to $19,999		139	6	3	–	–	3	35	57
$20,000 or more		105	4	2	–	–	2	18	64
Customwork, machine hire, and rental of machinery and equipment	farms	27 238	10 946	2 511	–	–	2 511	655	1 816
	$1,000	27 150	10 305	1 841	–	–	1 841	1 088	3 900
Farms with expenses of—									
$1 to $2,499		24 702	10 026	2 370	–	–	2 370	524	1 340
$2,500 to $9,999		2 317	874	117	–	–	117	112	417
$10,000 to $19,999		182	39	15	–	–	15	14	51
$20,000 or more		37	7	9	–	–	9	5	8
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms	6 013	2 606	482	–	–	482	139	284
	$1,000	12 499	5 075	710	–	–	710	316	1 809
Value of agricultural products sold directly to individuals for human consumption	farms	6 785	932	410	–	–	410	707	1 335
	$1,000	22 404	1 531	728	–	–	728	4 176	8 037

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021) Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
SELECTED FARM PRODUCTION EXPENSES[1]—Con.								
Animal health costs—farms	24	1 371	10 540	3 552	6 611	396	1 464	778
$1,000	2	281	3 544	776	7 302	393	816	460
Farms with expenses of—								
$1 to $499	24	1 284	9 292	3 308	2 696	309	1 073	570
$500 to $999	–	31	674	138	1 488	53	205	69
$1,000 to $2,999	–	50	373	57	1 893	19	154	100
$3,000 or more	–	6	201	49	534	15	32	39
Seeds, bulbs, plants, and trees—farms	1 211	2 219	8 894	2 695	6 488	251	447	653
$1,000	12 087	2 334	8 099	1 439	12 710	423	119	1 076
Farms with expenses of—								
$1 to $999	593	1 777	6 865	2 393	2 442	147	424	390
$1,000 to $4,999	293	321	1 731	263	3 552	85	23	208
$5,000 to $9,999	111	80	213	26	428	17	–	35
$10,000 or more	214	41	85	13	66	2	–	20
Commercial fertilizer—farms	851	2 241	9 796	3 103	6 415	247	516	684
$1,000	1 868	6 008	23 621	3 605	34 679	1 168	311	3 511
Farms with expenses of—								
$1 to $2,499	715	1 746	7 819	2 798	2 563	138	498	402
$2,500 to $9,999	98	346	1 432	265	2 829	68	13	186
$10,000 to $19,999	20	90	369	28	776	30	5	51
$20,000 or more	18	59	176	12	247	11	–	45
Other agricultural chemicals including lime—farms	945	1 812	8 007	2 311	6 082	268	654	528
$1,000	1 055	2 138	7 541	1 215	9 535	491	128	956
Farms with expenses of—								
$1 to $2,499	866	1 626	7 360	2 236	4 933	200	648	428
$2,500 to $9,999	59	149	548	67	1 050	60	6	92
$10,000 to $19,999	11	27	80	6	91	8	–	4
$20,000 or more	9	10	19	2	8	–	–	4
Energy and petroleum products—farms	1 431	3 196	15 275	5 377	6 963	578	1 936	1 025
$1,000	9 470	3 892	19 865	4 882	31 639	2 775	1 570	2 532
Farms with expenses of—								
$1 to $2,499	1 028	2 855	13 571	5 086	2 496	358	1 811	738
$2,500 to $9,999	212	279	1 451	262	3 879	150	119	232
$10,000 to $19,999	92	47	212	26	492	40	2	43
$20,000 or more	99	15	41	3	96	30	4	12
Petroleum products—farms	1 431	3 196	15 250	5 369	6 963	578	1 936	1 021
$1,000	7 608	3 160	15 051	3 661	20 524	1 537	1 068	1 815
Gasoline—farms	1 218	3 028	14 721	5 169	6 593	554	1 805	988
$1,000	1 685	1 659	8 008	2 314	9 832	607	697	934
Diesel fuel—farms	354	1 006	5 446	1 618	5 288	260	345	388
$1,000	422	978	4 009	724	7 568	278	109	533
LP gas, butane, and propane—farms	150	210	1 217	227	1 575	148	140	143
$1,000	421	179	1 295	86	957	388	59	144
Fuel oil—farms	322	274	1 004	359	986	82	143	73
$1,000	1 440	80	425	186	552	89	60	63
Natural gas—farms	335	32	209	58	217	39	61	17
$1,000	3 452	10	144	21	150	101	33	19
Kerosene, motor oil, and grease—farms	1 430	3 196	15 250	5 369	6 963	578	1 936	1 021
$1,000	189	253	1 170	330	1 465	74	111	122
Electricity—farms	1 002	1 983	11 077	3 838	6 298	414	1 413	851
$1,000	1 739	711	4 695	1 173	10 998	1 233	489	701
Other—coal, wood, coke, etc.—farms	54	93	522	214	256	25	45	54
$1,000	123	21	120	48	117	6	12	16
Hired farm labor—farms	717	823	4 267	1 545	4 506	237	582	414
$1,000	24 156	3 161	10 452	2 081	26 172	4 641	2 846	1 853
Farms with expenses of—								
$1 to $4,999	325	726	3 866	1 479	2 887	134	503	321
$5,000 to $19,999	187	47	276	52	1 373	66	53	71
$20,000 to $49,999	110	40	100	11	225	18	18	18
$50,000 or more	95	10	25	3	21	19	8	4
Workers by number of days worked:								
150 days or more—farms	412	194	816	238	2 590	126	148	163
workers	3 329	409	1 447	358	5 102	624	374	325
Less than 150 days—farms	633	776	3 838	1 412	3 305	193	532	341
workers	6 903	4 026	11 002	3 856	12 628	1 760	1 883	1 367
Contract labor—farms	118	162	445	136	252	36	144	29
$1,000	1 531	835	687	198	692	289	273	92
Farms with expenses of—								
$1 to $2,499	74	102	377	110	182	20	121	13
$2,500 to $9,999	34	46	61	26	60	11	15	15
$10,000 to $19,999	6	9	5	–	9	2	6	1
$20,000 or more	4	5	2	–	1	3	2	–
Customwork, machine hire, and rental of machinery and equipment—farms	186	947	5 560	1 939	3 591	154	526	346
$1,000	477	844	3 703	884	4 173	140	200	479
Farms with expenses of—								
$1 to $2,499	147	857	5 284	1 893	3 182	140	521	311
$2,500 to $9,999	25	82	254	38	394	13	4	25
$10,000 to $19,999	11	7	19	8	14	1	1	10
$20,000 or more	3	1	3	–	1	–	–	–
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services—farms	51	248	1 074	272	808	62	151	108
$1,000	246	600	1 613	381	1 101	152	618	260
Value of agricultural products sold directly to individuals for human consumption—farms	118	281	2 251	443	310	147	198	96
$1,000	353	868	4 024	875	533	1 351	560	242

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 MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ---farms--	68 110	23 806	7 277	–	–	7 277	2 014	4 478
$1,000--	2 070 588	777 488	145 457	–	–	145 457	58 987	125 872
Farms by value group:								
$1 to $4,999	8 703	2 287	1 336	–	–	1 336	362	707
$5,000 to $9,999	18 558	5 437	2 703	–	–	2 703	442	1 177
$10,000 to $19,999	13 290	5 201	1 497	–	–	1 497	425	888
$20,000 to $49,999	14 500	5 821	1 045	–	–	1 045	439	942
$50,000 to $99,999	8 237	3 309	458	–	–	458	210	491
$100,000 to $199,999	3 717	1 392	153	–	–	153	92	223
$200,000 to $499,999	1 053	345	76	–	–	76	41	48
$500,000 or more	52	14	9	–	–	9	3	2
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---farms--	46 441	17 267	4 382	–	–	4 382	1 386	2 758
number--	64 994	23 748	6 125	–	–	6 125	1 977	4 099
Motortrucks, including pickups ---farms--	55 328	19 534	5 312	–	–	5 312	1 648	3 426
number--	83 335	29 797	7 375	–	–	7 375	3 155	6 477
Wheel tractors ---farms--	62 695	22 317	6 480	–	–	6 480	1 848	4 286
number--	157 557	55 336	13 634	–	–	13 634	5 311	11 346
2 or 3 ---farms--	32 152	13 088	3 185	–	–	3 185	861	1 858
number--	76 764	31 147	7 328	–	–	7 328	2 094	4 412
4 or more ---farms--	12 746	4 051	757	–	–	757	412	933
number--	62 996	19 011	3 768	–	–	3 768	2 642	5 439
Grain and bean combines, self-propelled only ---farms--	18 344	10 820	1 021	–	–	1 021	171	170
number--	19 470	11 626	1 049	–	–	1 049	183	181
Cornpickers, corn heads, and picker-shellers ---farms--	26 865	11 806	1 582	–	–	1 582	231	306
number--	31 684	14 086	1 705	–	–	1 705	261	336
Corn heads for combines ---farms--	10 598	6 394	400	–	–	400	88	99
number--	11 330	6 861	411	–	–	411	91	100
Other cornpickers and picker-shellers ---farms--	19 454	6 900	1 261	–	–	1 261	164	226
number--	20 354	7 225	1 294	–	–	1 294	170	236
Cottonpickers ---farms--	–	–	–	–	–	–	–	–
number--	–	–	–	–	–	–	–	–
Mower conditioners ---farms--	20 680	4 571	2 663	–	–	2 663	197	546
number--	22 055	4 774	2 995	–	–	2 995	217	651
Pickup balers ---farms--	25 181	6 420	3 232	–	–	3 232	196	274
number--	26 027	6 530	3 338	–	–	3 338	201	278
Field forage harvesters, shear bar or flywheel type ---farms--	11 167	1 888	716	–	–	716	90	143
number--	12 974	2 080	805	–	–	805	112	166
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---farms--	55 739	22 573	4 504	–	–	4 504	1 847	4 277
$1,000--	244 262	110 049	14 172	–	–	14 172	10 168	16 861
Commercial fertilizer ---farms--	50 808	21 531	4 034	–	–	4 034	1 758	3 426
acres on which used--	5 740 804	2 805 893	274 009	–	–	274 009	132 389	183 989
Lime ---farms--	8 139	2 602	755	–	–	755	368	526
acres on which used--	260 788	92 269	23 036	–	–	23 036	14 557	15 498
tons--	548 842	189 604	47 338	–	–	47 338	33 914	35 687
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---farms--	17 785	6 293	1 234	–	–	1 234	1 135	1 898
acres on which used--	1 550 296	653 270	83 887	–	–	83 887	66 351	83 295
Nematodes in crops ---farms--	2 612	999	170	–	–	170	151	389
acres on which used--	226 963	113 626	14 406	–	–	14 406	7 347	7 461
Diseases in crops and orchards ---farms--	7 647	1 311	602	–	–	602	712	3 205
acres on which used--	419 155	100 632	39 163	–	–	39 163	41 813	142 258
Weeds, grass, or brush in crops and pasture ---farms--	33 791	15 875	1 941	–	–	1 941	934	1 694
acres on which used--	3 704 356	2 049 626	146 971	–	–	146 971	83 361	82 295
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---farms--	2 102	479	200	–	–	200	76	796
acres on which used--	94 111	26 591	18 283	–	–	18 283	1 767	26 178
Insect control on livestock and poultry ---farms--	12 144	2 545	586	–	–	586	188	362
Sanitation and rodent and bird control ---farms--	8 544	2 160	524	–	–	524	162	926
LIVESTOCK								
Cattle and calves inventory ---farms--	28 393	4 546	1 566	–	–	1 566	193	291
number--	1 272 703	85 558	21 047	–	–	21 047	4 746	7 931
Farms with—								
1 to 9	9 529	2 356	977	–	–	977	127	154
10 to 49	11 439	1 818	532	–	–	532	54	93
50 to 99	4 071	265	44	–	–	44	5	25
100 to 199	2 345	85	10	–	–	10	3	12
200 to 499	882	19	3	–	–	3	3	6
500 or more	127	3	–	–	–	–	1	1
Cows and heifers that had calved ---farms--	21 225	2 469	996	–	–	996	115	210
number--	530 983	27 090	7 208	–	–	7 208	711	2 729
Beef cows ---farms--	11 822	2 117	864	–	–	864	94	171
number--	145 627	22 337	6 067	–	–	6 067	613	1 841
Farms with—								
1 to 9	7 456	1 389	631	–	–	631	73	121
10 to 49	3 936	672	227	–	–	227	20	45
50 to 99	300	45	6	–	–	6	1	2
100 to 199	97	8	–	–	–	–	–	2
200 to 499	28	2	–	–	–	–	–	1
500 or more	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)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
			Total	Beef cattle farms, except feedlots (0212)				
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ---farms	1 431	3 201	15 394	5 395	6 963	579	1 938	1 029
$1,000	38 294	69 498	317 699	83 414	459 890	22 977	21 626	32 799
Farms by value group:								
$1 to $4,999	230	556	2 498	975	78	58	407	184
$5,000 to $9,999	472	1 330	5 302	2 003	349	212	860	274
$10,000 to $19,999	227	496	3 154	1 230	693	81	441	147
$20,000 to $49,999	288	433	2 781	838	2 242	88	186	235
$50,000 to $99,999	131	212	1 102	277	2 121	67	31	105
$100,000 to $199,999	58	141	403	63	1 138	52	12	53
$200,000 to $499,999	22	32	109	9	332	18	–	30
$500,000 or more	3	1	5	–	10	3	1	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Automobiles ---farms	768	1 928	9 885	3 409	6 166	398	884	619
number	1 079	2 749	13 276	4 585	9 128	594	1 261	958
Motortrucks, including pickups ---farms	1 215	2 369	12 670	4 149	6 288	474	1 611	781
number	2 541	3 539	16 816	5 342	9 583	809	2 108	1 135
Wheel tractors ---farms	1 166	2 943	13 906	4 999	6 813	533	1 419	984
number	2 754	6 439	31 190	10 534	25 711	1 117	2 262	2 457
2 or 3 ---farms	404	1 382	7 480	2 705	2 865	215	474	340
number	927	3 139	17 733	6 342	7 580	494	1 045	865
4 or more ---farms	205	406	1 953	557	3 639	73	85	232
number	1 270	2 145	8 984	2 455	17 822	378	357	1 180
Grain and bean combines, self-propelled only ---farms	48	472	2 620	621	2 552	98	96	276
number	48	497	2 729	646	2 652	107	96	302
Cornpickers, corn heads, and picker-shellers ---farms	62	1 055	6 000	1 366	4 960	148	221	494
number	66	1 212	6 953	1 550	5 994	172	276	623
Corn heads for combines ---farms	16	277	1 507	204	1 486	82	70	179
number	17	288	1 618	256	1 583	88	75	198
Other cornpickers and picker-shellers ---farms	49	893	5 119	1 264	4 164	82	194	402
number	49	924	5 335	1 294	4 411	84	201	425
Cottonpickers ---farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ---farms	61	1 100	5 154	2 061	5 555	88	341	404
number	159	1 207	5 395	2 145	5 770	93	365	429
Pickup balers ---farms	46	1 393	6 968	2 936	5 689	112	416	435
number	46	1 412	7 207	3 047	6 019	118	421	457
Field forage harvesters, shear bar or flywheel type ---farms	18	401	2 648	928	4 885	33	93	252
number	21	487	3 000	1 066	5 861	45	104	293
AGRICULTURAL CHEMICALS[1]								
Agricultural chemicals, including commercial fertilizer and lime ---farms	1 045	2 327	10 574	3 395	6 673	307	898	714
$1,000	2 924	8 147	31 162	4 820	44 214	1 659	439	4 468
Commercial fertilizer ---farms	724	2 226	9 487	3 002	6 345	246	417	614
acres on which used	26 579	195 186	778 862	142 518	1 186 516	33 631	12 336	111 414
Lime ---farms	64	415	1 715	508	1 422	39	97	136
acres on which used	2 921	8 723	38 555	7 266	57 341	1 269	1 909	4 710
tons	3 995	20 074	88 250	16 839	111 823	2 929	4 729	10 499
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops ---farms	454	859	2 854	694	2 666	97	115	180
acres on which used	6 117	60 818	233 971	35 563	323 782	12 692	2 244	23 869
Nematodes in crops ---farms	68	71	388	92	310	12	5	49
acres on which used	521	4 218	32 633	1 963	39 328	689	195	6 539
Diseases in crops and orchards ---farms	333	364	624	206	399	33	19	45
acres on which used	6 046	15 831	32 479	8 205	33 842	1 372	448	5 271
Weeds, grass, or brush in crops and pasture ---farms	456	1 254	5 940	1 683	4 739	200	365	393
acres on which used	16 464	130 414	486 509	79 080	619 396	26 560	5 902	56 858
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit ---farms	78	87	243	81	125	1	6	11
acres on which used	938	3 436	6 600	1 594	8 751	(D)	(D)	1 132
Insect control on livestock and poultry ---farms	76	411	3 769	863	3 227	204	488	288
Sanitation and rodent and bird control ---farms	134	306	2 235	444	1 473	147	341	136
LIVESTOCK								
Cattle and calves inventory ---farms	34	1 892	11 644	5 070	7 018	155	173	881
number	318	29 525	427 428	162 516	655 110	2 813	1 270	36 957
Farms with—								
1 to 9	23	1 301	3 922	1 264	69	97	138	365
10 to 49	10	457	6 046	3 080	2 053	44	33	299
50 to 99	1	83	939	465	2 584	10	2	113
100 to 199	–	42	406	156	1 712	3	–	72
200 to 499	–	9	241	90	572	1	–	28
500 or more	–	–	90	15	28	–	–	4
Cows and heifers that had calved ---farms	22	1 337	8 037	3 944	7 010	111	115	803
number	134	8 707	110 131	65 682	356 769	1 010	585	15 909
Beef cows ---farms	17	925	6 692	3 519	602	79	92	169
number	125	5 470	99 171	60 357	6 772	646	505	2 080
Farms with—								
1 to 9	13	791	3 804	1 763	385	58	78	113
10 to 49	3	120	2 567	1 553	202	20	13	47
50 to 99	1	10	216	128	9	1	1	8
100 to 199	–	4	78	55	4	–	–	1
200 to 499	–	–	23	17	2	–	–	–
500 or more	–	–	4	3	–	–	–	–

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)		
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows—farms	11 113	580	207	–	–	207	27	46
number	385 356	4 753	1 141	–	–	1 141	98	888
Farms with—								
1 to 4	2 950	439	156	–	–	156	22	26
5 to 9	492	36	22	–	–	22	1	1
10 to 49	4 836	84	26	–	–	26	4	13
50 to 99	2 098	16	2	–	–	2	–	5
100 to 199	660	4	1	–	–	1	–	–
200 to 499	73	1	–	–	–	–	–	1
500 or more	4	–	–	–	–	–	–	–
Heifers and heifer calves—farms	20 737	2 622	977	–	–	977	109	156
number	386 875	22 557	6 853	–	–	6 853	1 366	2 102
Steers, steer calves, bulls, and bull calves—farms	22 667	3 708	1 271	–	–	1 271	153	212
number	354 845	35 911	6 986	–	–	6 986	2 669	3 100
Cattle and calves sold—farms	24 521	3 296	1 063	–	–	1 063	126	184
number	683 971	39 694	9 520	–	–	9 520	3 309	4 625
$1,000	262 503	14 797	2 566	–	–	2 566	1 515	2 103
Calves—farms	12 222	1 095	440	–	–	440	37	59
number	191 015	9 823	3 298	–	–	3 298	226	772
$1,000	25 758	1 462	484	–	–	484	38	125
Cattle—farms	21 492	2 833	824	–	–	824	112	171
number	492 956	29 871	6 222	–	–	6 222	3 083	3 853
$1,000	236 744	13 335	2 082	–	–	2 082	1 477	1 978
Fattened on grain and concentrates—farms	9 233	1 719	312	–	–	312	64	96
number	290 196	19 904	3 142	–	–	3 142	2 776	2 757
$1,000	149 108	9 331	991	–	–	991	1 358	1 570
Hogs and pigs inventory—farms	10 900	2 031	447	–	–	447	93	139
number	956 760	104 850	7 404	–	–	7 404	3 395	5 195
Farms with—								
1 to 9	4 241	869	312	–	–	312	45	94
10 to 49	3 431	655	100	–	–	100	34	29
50 to 99	1 199	227	23	–	–	23	4	7
100 to 199	872	154	6	–	–	6	8	6
200 to 499	739	90	5	–	–	5	1	–
500 or more	418	36	1	–	–	1	1	3
Used or to be used for breeding—farms	6 840	1 099	240	–	–	240	50	42
number	162 815	15 657	1 544	–	–	1 544	500	449
Other—farms	10 020	1 864	348	–	–	348	81	131
number	793 945	89 193	5 860	–	–	5 860	2 895	4 746
Hogs and pigs sold—farms	9 424	1 721	333	–	–	333	83	66
number	1 415 153	121 153	5 851	–	–	5 851	3 949	6 072
$1,000	125 896	9 884	395	–	–	395	298	584
Feeder pigs sold—farms	2 913	410	146	–	–	146	20	19
number	321 584	28 969	2 675	–	–	2 675	999	733
$1,000	13 964	1 109	100	–	–	100	38	29
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30—farms	7 356	1 148	255	–	–	255	52	44
number	176 650	15 075	1 024	–	–	1 024	341	542
Dec. 1 and May 31—farms	5 832	876	206	–	–	206	37	33
number	83 743	6 744	498	–	–	498	151	247
June 1 and Nov. 30—farms	5 981	914	133	–	–	133	42	32
number	92 907	8 331	526	–	–	526	190	295
Sheep and lambs of all ages inventory—farms	2 614	444	166	–	–	166	16	24
number	112 493	17 611	3 319	–	–	3 319	738	356
Ewes 1 year old or older—farms	2 324	391	148	–	–	148	12	20
number	66 761	10 837	2 264	–	–	2 264	87	294
Sheep and lambs sold—farms	2 256	403	137	–	–	137	9	22
number	77 616	10 676	1 154	–	–	1 154	87	269
Sheep and lambs shorn—farms	2 323	388	141	–	–	141	10	22
number	95 313	13 564	2 559	–	–	2 559	105	347
pounds of wool	721 877	111 333	20 716	–	–	20 716	933	2 979
Horses and ponies inventory—farms	12 160	2 381	1 598	–	–	1 598	142	256
number	53 948	7 549	6 459	–	–	6 459	436	833
Horses and ponies sold—farms	2 637	201	307	–	–	307	17	28
number	7 572	459	536	–	–	536	40	51
$1,000	8 948	192	188	–	–	188	21	50
Goats inventory—farms	939	132	124	–	–	124	9	51
number	5 134	600	376	–	–	376	44	81
Goats sold—farms	325	68	20	–	–	20	5	2
number	1 396	216	66	–	–	66	26	(D)
$1,000	41	5	2	–	–	2	1	(D)
POULTRY								
Chickens 3 months old or older inventory—farms	8 115	1 652	706	–	–	706	160	230
number	7 073 150	160 027	24 617	–	–	24 617	5 066	8 146
Farms with—								
1 to 399	7 690	1 618	702	–	–	702	160	229
400 to 3,199	147	27	4	–	–	4	–	1
3,200 to 9,999	87	4	–	–	–	–	–	–
10,000 to 19,999	96	2	–	–	–	–	–	–
20,000 to 49,999	63	1	–	–	–	–	–	–
50,000 to 99,999	25	–	–	–	–	–	–	–
100,000 or more	7	–	–	–	–	–	–	–
Hens and pullets of laying age—farms	7 932	1 618	699	–	–	699	156	167
number	6 249 250	114 954	22 440	–	–	22 440	4 298	6 934
Pullets 3 months old or older not of laying age—farms	1 471	270	124	–	–	124	21	120
number	823 900	45 073	2 177	–	–	2 177	768	1 212

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

		Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)		Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
				Total	Beef cattle farms, except feedlots (0212)				
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows	farms	6	515	1 928	676	7 004	45	31	724
	number	9	3 237	10 960	5 325	349 997	364	80	13 829
Farms with—									
1 to 4		6	410	1 467	417	49	32	28	315
5 to 9		–	8	215	121	149	4	1	55
10 to 49		–	82	213	119	4 125	8	2	279
50 to 99		–	13	26	16	1 978	1	–	57
100 to 199		–	2	6	3	632	–	–	15
200 to 499		–	–	1	–	67	–	–	3
500 or more		–	–	–	–	4	–	–	–
Heifers and heifer calves	farms	17	1 199	8 038	3 872	6 686	92	89	752
	number	84	7 534	92 920	45 056	240 523	759	296	11 881
Steers, steer calves, bulls, and bull calves	farms	23	1 254	9 834	4 317	5 247	112	122	731
	number	100	13 284	224 377	51 778	57 818	1 044	389	9 167
Cattle and calves sold	farms	19	870	11 106	5 275	7 006	88	144	619
	number	189	17 611	388 723	130 734	198 893	1 644	933	18 830
	$1,000	47	6 884	174 322	45 147	51 569	531	169	7 998
Calves	farms	7	270	4 257	2 978	5 585	37	96	339
	number	57	3 495	63 345	49 183	104 380	587	664	4 368
	$1,000	13	480	13 956	11 301	8 430	83	67	621
Cattle	farms	17	796	9 921	4 317	6 098	78	66	576
	number	132	14 116	325 378	81 551	94 513	1 057	269	14 462
	$1,000	34	6 404	160 366	33 846	43 139	449	102	7 378
Fattened on grain and concentrates	farms	9	435	5 402	371	918	39	30	209
	number	39	8 229	235 517	2 386	13 114	594	155	3 969
	$1,000	16	4 063	123 217	1 068	6 208	265	63	2 025
Hogs and pigs inventory	farms	11	609	6 505	687	506	96	54	409
	number	223	22 133	764 771	12 870	23 452	10 496	698	14 143
Farms with—									
1 to 9		8	379	1 987	498	191	33	39	284
10 to 49		1	135	2 200	145	191	22	12	52
50 to 99		2	38	791	23	62	13	1	31
100 to 199		–	37	588	14	36	13	2	22
200 to 499		–	13	583	4	23	7	–	17
500 or more		–	7	356	3	3	8	–	3
Used or to be used for breeding	farms	5	222	4 448	318	306	59	24	345
	number	50	3 493	133 606	2 668	3 848	1 411	144	2 113
Other	farms	9	580	6 024	620	462	88	49	384
	number	173	18 640	631 165	10 202	19 604	9 085	554	12 030
Hogs and pigs sold	farms	9	345	6 101	454	460	85	48	173
	number	942	31 829	1 178 553	18 321	30 713	16 858	771	18 462
	$1,000	37	2 820	106 286	1 288	2 476	1 343	52	1 721
Feeder pigs sold	farms	4	81	2 006	127	139	22	17	49
	number	831	6 125	265 206	8 462	9 443	3 132	206	3 265
	$1,000	30	256	11 693	353	401	148	8	150
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms	5	271	4 815	337	325	60	30	351
	number	83	3 800	147 051	3 087	4 151	1 872	131	2 580
Dec. 1 and May 31	farms	5	178	3 862	242	254	44	20	317
	number	43	1 737	69 997	1 354	1 988	961	44	1 333
June 1 and Nov. 30	farms	3	223	4 179	237	267	51	21	116
	number	40	2 063	77 054	1 733	2 163	911	87	1 247
Sheep and lambs of all ages inventory	farms	12	71	1 668	149	123	22	25	43
	number	146	4 094	77 338	4 960	5 113	1 000	267	2 511
Ewes 1 year old or older	farms	8	63	1 501	132	105	17	17	42
	number	69	2 069	45 750	3 479	3 094	581	141	1 575
Sheep and lambs sold	farms	11	67	1 427	133	108	15	18	39
	number	89	3 313	54 975	3 098	3 606	506	111	2 830
Sheep and lambs shorn	farms	8	62	1 519	124	103	15	14	41
	number	68	4 108	67 050	3 562	4 480	640	130	2 262
	pounds of wool	411	30 653	492 459	30 285	38 094	5 059	943	18 297
Horses and ponies inventory	farms	34	929	4 126	1 521	954	81	1 276	383
	number	124	5 312	13 500	6 483	3 009	239	13 777	2 710
Horses and ponies sold	farms	8	43	419	167	105	5	1 440	64
	number	10	153	917	352	279	6	4 911	210
	$1,000	7	177	265	81	158	2	7 739	148
Goats inventory	farms	3	38	416	124	17	12	64	73
	number	11	115	3 057	959	157	96	170	427
Goats sold	farms	1	8	196	28	6	3	13	3
	number	(D)	56	906	225	21	19	49	25
	$1,000	(D)	1	29	5	(Z)	(Z)	1	1
POULTRY									
Chickens 3 months old or older inventory	farms	56	699	2 983	741	602	532	161	334
	number	880	42 367	227 189	68 002	116 787	6 191 223	3 331	293 517
Farms with—									
1 to 399		56	686	2 959	739	580	239	161	300
400 to 3,199		–	13	19	1	16	44	–	23
3,200 to 9,999		–	–	2	–	4	73	–	4
10,000 to 19,999		–	–	1	–	1	90	–	2
20,000 to 49,999		–	–	2	1	1	56	–	3
50,000 to 99,999		–	–	–	–	–	23	–	2
100,000 or more		–	–	–	–	–	7	–	–
Hens and pullets of laying age	farms	54	691	2 943	730	599	517	159	329
	number	756	40 116	177 586	66 034	115 557	5 474 654	2 994	288 961
Pullets 3 months old or older not of laying age	farms	5	109	611	99	47	118	20	26
	number	124	2 251	49 603	1 968	1 230	716 569	337	4 556

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)		
POULTRY—Con.								
Chickens 3 months old or older sold ---- farms	1 509	198	59	–	–	59	14	19
number	6 625 168	114 583	12 912	–	–	12 912	835	1 611
Broilers and other meat-type chickens sold ---- farms	615	165	26	–	–	26	17	12
number	501 699	47 435	2 557	–	–	2 557	2 038	573
Farms with—								
1 to 1,999	591	161	26	–	–	26	17	12
2,000 to 59,999	21	4	–	–	–	–	–	–
60,000 to 99,999	3	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ---- farms	253	27	21	–	–	21	2	3
Turkeys sold ---- farms	40 332	94	86	–	–	86	(D)	7
number	513	33	8	–	–	8	1	2
	1 112 357	1 565	75	–	–	75	(D)	(D)
CROPS HARVESTED								
Corn for all purposes ---- farms	37 769	17 634	2 109	–	–	2 109	434	483
acres	2 814 831	1 320 011	73 112	–	–	73 112	21 091	18 300
For grain or seed ---- farms	35 396	17 498	1 682	–	–	1 682	417	453
acres	2 384 673	1 299 613	58 022	–	–	58 022	19 158	16 089
bushels	188 087 193	103 333 503	4 259 910	–	–	4 259 910	1 479 394	1 285 420
Irrigated ---- farms	802	397	51	–	–	51	24	12
acres	99 377	60 542	3 992	–	–	3 992	1 640	605
Farms by acres harvested:								
1 to 24 acres	14 644	6 479	1 087	–	–	1 087	254	285
25 to 99 acres	14 055	7 479	465	–	–	465	117	126
100 to 499 acres	6 252	3 277	124	–	–	124	43	41
500 acres or more	445	263	6	–	–	6	3	1
Wheat for grain ---- farms	14 380	8 705	599	–	–	599	131	97
acres	382 083	248 414	13 784	–	–	13 784	4 252	1 693
bushels	15 042 125	9 805 855	484 122	–	–	484 122	143 421	58 857
Irrigated ---- farms	24	9	10	–	–	10	2	–
acres	1 191	470	570	–	–	570	(D)	–
Farms by acres harvested:								
1 to 24 acres	9 494	5 451	471	–	–	471	80	83
25 to 99 acres	4 369	2 889	106	–	–	106	43	13
100 to 499 acres	511	361	21	–	–	21	7	1
500 acres or more	6	4	1	–	–	1	1	–
Oats for grain ---- farms	18 572	7 452	1 408	–	–	1 408	104	115
acres	408 109	176 899	25 749	–	–	25 749	1 494	1 640
bushels	23 366 826	10 712 766	1 240 501	–	–	1 240 501	89 068	85 533
Irrigated ---- farms	27	13	4	–	–	4	–	–
acres	643	266	278	–	–	278	–	–
Barley for grain ---- farms	753	201	47	–	–	47	3	1
acres	19 314	7 995	1 086	–	–	1 086	242	(D)
bushels	920 822	415 987	43 489	–	–	43 489	16 100	(D)
Irrigated ---- farms	1	–	–	–	–	–	–	–
acres	(D)	–	–	–	–	–	–	–
Soybeans for beans ---- farms	14 503	11 602	236	–	–	236	155	109
acres	898 052	761 964	10 048	–	–	10 048	7 367	2 882
bushels	21 354 896	18 041 057	245 589	–	–	245 589	190 409	72 414
Irrigated ---- farms	201	143	7	–	–	7	11	4
acres	11 307	8 622	310	–	–	310	242	148
Farms by acres harvested:								
1 to 24 acres	5 192	3 819	127	–	–	127	68	71
25 to 99 acres	6 760	5 603	81	–	–	81	67	33
100 to 499 acres	2 448	2 085	28	–	–	28	19	5
500 acres or more	103	95	–	–	–	–	1	–
Dry field and seed beans ---- farms	5 454	4 254	254	–	–	254	46	7
acres	454 559	360 267	26 371	–	–	26 371	2 069	436
100-lb bags	5 309 788	4 213 947	286 180	–	–	286 180	20 656	4 706
Irrigated ---- farms	67	42	14	–	–	14	–	–
acres	7 723	4 797	2 291	–	–	2 291	–	–
Irish potatoes ---- farms	846	88	362	–	–	362	89	30
acres	43 805	1 356	38 030	–	–	38 030	1 041	207
hundredweight	10 002 744	232 108	8 907 991	–	–	8 907 991	197 040	45 579
Irrigated ---- farms	214	13	140	–	–	140	24	11
acres	21 402	285	19 575	–	–	19 575	235	124
Farms by acres harvested:								
0.1 to 0.9 acres	232	30	22	–	–	22	24	9
1.0 to 4.9 acres	197	29	51	–	–	51	40	11
5.0 to 24.9 acres	105	16	40	–	–	40	16	7
25.0 to 99.9 acres	166	9	116	–	–	116	7	3
100.0 acres or more	146	4	133	–	–	133	2	–
Sugar beets for sugar ---- farms	1 597	935	278	–	–	278	24	1
acres	91 589	52 499	16 215	–	–	16 215	1 223	(D)
tons	1 712 060	967 524	301 483	–	–	301 483	23 155	(D)
Irrigated ---- farms	19	4	10	–	–	10	1	1
acres	796	(D)	243	–	–	243	(D)	(D)
Hay crops (see text) ---- farms	36 123	7 961	6 582	–	–	6 582	300	538
acres	1 630 163	188 060	269 781	–	–	269 781	5 927	13 358
tons, dry	3 722 636	408 885	578 444	–	–	578 444	13 344	28 315
Irrigated ---- farms	217	40	20	–	–	20	5	5
acres	9 788	1 050	878	–	–	878	102	37
Farms by acres harvested:								
1 to 24 acres	17 562	5 563	2 884	–	–	2 884	224	379
25 to 99 acres	14 326	2 197	3 192	–	–	3 192	70	132
100 to 499 acres	4 176	200	499	–	–	499	6	27
500 acres or more	59	1	7	–	–	7	–	–

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	3	59	532	63	110	406	15	94
number	130	11 849	141 297	26 654	63 177	6 112 560	303	165 911
Broilers and other meat-type chickens sold ---- farms	3	26	250	25	33	57	5	21
number	217	2 031	21 595	1 055	21 917	398 400	340	4 596
Farms with—								
1 to 1,999	3	26	250	25	32	39	5	20
2,000 to 59,999	–	–	–	–	1	15	–	1
60,000 to 99,999	–	–	–	–	–	3	–	–
100,000 or more	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ---- farms	2	14	136	20	15	18	6	9
number	(D)	3 216	519	75	37	36 252	8	81
Turkeys sold ---- farms	1	8	396	46	6	47	1	10
number	(D)	3 304	5 086	315	50 055	1 049 558	(D)	2 655
CROPS HARVESTED								
Corn for all purposes ---- farms	57	1 712	7 948	2 062	6 400	263	145	584
acres	2 495	80 851	495 034	69 900	706 184	27 212	2 330	68 211
For grain or seed ---- farms	54	1 429	7 339	1 686	5 592	251	136	545
acres	2 466	69 022	393 841	46 727	442 684	26 669	2 143	54 966
bushels	196 453	5 583 332	30 636 384	3 228 743	34 499 250	2 278 750	134 084	4 400 713
Irrigated ---- farms	6	27	128	10	119	15	2	21
acres	309	2 095	16 105	832	9 676	2 133	(D)	2 278
Farms by acres harvested:								
1 to 24 acres	29	757	4 132	1 229	1 244	91	117	169
25 to 99 acres	15	505	2 226	371	2 802	85	15	220
100 to 499 acres	10	156	891	80	1 505	64	4	137
500 acres or more	–	11	90	6	41	11	–	19
Wheat for grain ---- farms	20	533	2 253	411	1 667	81	16	278
acres	435	13 052	48 895	6 379	40 832	1 424	228	9 074
bushels	15 362	581 971	1 879 538	215 945	1 636 281	58 489	7 334	370 895
Irrigated ---- farms	1	–	2	1	–	–	–	–
acres	(D)	–	(D)	(D)	–	–	–	–
Farms by acres harvested:								
1 to 24 acres	14	336	1 703	341	1 108	67	12	169
25 to 99 acres	6	185	490	69	529	14	4	90
100 to 499 acres	–	12	60	1	30	–	–	19
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ---- farms	13	757	3 906	1 283	4 142	97	114	464
acres	167	14 927	62 646	20 010	110 344	1 536	1 719	10 988
bushels	9 644	874 341	3 211 570	922 479	6 332 916	85 853	73 452	651 182
Irrigated ---- farms	–	1	6	2	3	–	–	–
acres	–	(D)	(D)	(D)	54	–	–	–
Barley for grain ---- farms	–	21	225	74	227	2	–	26
acres	–	420	3 432	915	5 703	(D)	–	381
bushels	–	21 325	157 847	36 575	244 948	(D)	–	19 276
Irrigated ---- farms	–	–	1	–	–	–	–	–
acres	–	–	(D)	–	–	–	–	–
Soybeans for beans ---- farms	45	293	1 155	143	701	36	19	152
acres	3 755	13 445	51 054	5 151	35 231	2 313	364	9 629
bushels	97 302	314 679	1 253 146	124 381	841 191	55 047	8 085	235 977
Irrigated ---- farms	4	3	16	1	10	2	–	1
acres	239	46	1 305	(D)	293	(D)	–	(D)
Farms by acres harvested:								
1 to 24 acres	13	139	624	84	250	14	16	51
25 to 99 acres	21	121	396	44	350	14	2	72
100 to 499 acres	10	31	132	15	101	8	1	28
500 acres or more	1	2	3	–	–	–	–	1
Dry field and seed beans ---- farms	4	242	254	38	289	23	1	80
acres	(D)	26 165	14 929	1 102	16 082	1 992	(D)	6 152
100-lb bags	(D)	311 836	183 566	10 321	186 061	28 352	(D)	73 030
Irrigated ---- farms	1	4	2	–	1	1	–	2
acres	(D)	270	(D)	–	(D)	(D)	–	(D)
Irish potatoes ---- farms	7	124	89	35	37	4	1	15
acres	(D)	1 590	815	113	393	5	(D)	353
hundredweight	(D)	354 383	123 548	16 578	70 687	625	(D)	68 308
Irrigated ---- farms	2	17	4	–	–	–	–	3
acres	(D)	842	180	–	–	–	–	(D)
Farms by acres harvested:								
0.1 to 0.9 acres	2	81	42	19	17	1	1	3
1.0 to 4.9 acres	4	15	32	12	7	3	–	5
5.0 to 24.9 acres	1	14	6	2	3	–	–	2
25.0 to 99.9 acres	–	9	7	2	10	–	–	5
100.0 acres or more	–	5	2	–	–	–	–	–
Sugar beets for sugar ---- farms	–	224	58	6	50	12	–	15
acres	–	14 088	4 557	273	1 472	605	–	908
tons	–	274 113	90 272	4 564	26 443	11 674	–	17 028
Irrigated ---- farms	–	3	–	–	–	–	–	–
acres	–	291	–	–	–	–	–	–
Hay crops (see text) ---- farms	60	2 759	9 695	3 960	6 698	190	658	682
acres	919	78 863	323 419	160 424	687 285	5 342	13 693	43 516
tons, dry	1 460	175 416	641 318	286 180	1 727 056	12 222	24 578	111 598
Irrigated ---- farms	2	11	32	9	90	2	2	8
acres	(D)	561	651	193	6 143	(D)	(D)	186
Farms by acres harvested:								
1 to 24 acres	49	1 829	5 298	1 705	501	129	499	207
25 to 99 acres	10	824	3 840	1 940	3 520	57	140	344
100 to 499 acres	1	104	554	313	2 637	3	19	126
500 acres or more	–	2	3	2	40	1	–	5

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.								
Hay crops—Con.								
Alfalfa hay—farms	30 424	6 494	5 390	–	–	5 390	252	449
acres	1 135 548	145 843	198 051	–	–	198 051	5 045	10 849
tons, dry	2 896 516	344 895	463 451	–	–	463 451	12 200	24 884
Irrigated—farms	182	38	19	–	–	19	5	3
acres	6 636	933	798	–	–	798	92	23
All vegetables harvested for sale (see text)—farms	4 160	533	188	–	–	188	2 061	556
acres	122 211	9 658	2 582	–	–	2 582	81 074	11 304
Irrigated—farms	848	42	37	–	–	37	481	138
acres	35 597	1 228	1 281	–	–	1 281	28 200	2 005
Farms by acres harvested:								
0.1 to 4.9 acres	1 616	313	133	–	–	133	584	204
5.0 to 24.9 acres	1 427	111	23	–	–	23	825	239
25.0 to 99.9 acres	847	89	26	–	–	26	468	93
100.0 acres or more	270	20	6	–	–	6	184	20
Land in orchards—farms	5 291	332	214	–	–	214	395	3 485
acres	170 493	2 146	780	–	–	780	6 804	151 647
Irrigated—farms	522	6	5	–	–	5	62	406
acres	14 610	87	42	–	–	42	401	13 115
Farms by acres in orchards:								
0.1 to 4.9 acres	1 779	219	171	–	–	171	165	680
5.0 to 24.9 acres	1 892	96	39	–	–	39	168	1 376
25.0 to 99.9 acres	1 189	17	4	–	–	4	51	1 018
100.0 acres or more	431	–	–	–	–	–	11	411
Apples—farms	3 275	229	184	–	–	184	192	2 091
total acres	71 786	979	511	–	–	511	2 196	63 182
pounds	772 834 906	3 878 736	793 252	–	–	793 252	19 054 785	700 805 696
Cherries—farms	2 452	127	49	–	–	49	177	1 872
total acres	61 735	363	126	–	–	126	2 368	57 054
pounds	201 785 909	235 575	15 808	–	–	15 808	2 589 806	194 989 616
Grapes (see text)—farms	1 550	107	46	–	–	46	168	991
total acres	15 524	508	44	–	–	44	1 093	12 769
pounds	118 356 478	3 952 064	88 986	–	–	88 986	5 618 063	101 254 659

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.								
Hay crops—Con.								
Alfalfa hay—farms	48	2 376	8 049	3 228	6 082	137	549	598
acres	586	59 991	239 079	116 163	429 612	3 945	10 258	32 289
tons, dry	1 073	149 470	514 885	226 431	1 264 322	10 644	19 949	90 743
Irrigated—farms	1	11	30	8	67	–	1	7
acres	(D)	543	482	130	3 641	–	(D)	(D)
All vegetables harvested for sale (see text)—farms	124	364	195	46	58	34	14	33
acres	1 136	12 435	1 445	112	1 215	418	24	922
Irrigated—farms	44	69	24	6	2	9	1	1
acres	574	1 961	284	18	(D)	42	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	68	104	134	38	25	23	12	16
5.0 to 24.9 acres	46	97	50	8	19	8	2	7
25.0 to 99.9 acres	9	134	9	–	10	1	–	8
100.0 acres or more	1	29	2	–	4	2	–	2
Land in orchards—farms	63	178	276	94	89	26	199	34
acres	1 174	3 221	1 911	247	1 525	299	373	615
Irrigated—farms	14	4	10	3	2	–	9	4
acres	625	139	80	1	(D)	–	30	(D)
Farms by acres in orchards:								
0.1 to 4.9 acres	38	72	194	80	27	16	181	16
5.0 to 24.9 acres	17	72	62	14	34	6	14	8
25.0 to 99.9 acres	6	28	20	–	28	3	4	10
100.0 acres or more	2	6	–	–	–	1	–	–
Apples—farms	42	120	205	80	67	16	106	23
total acres	570	1 520	1 042	176	1 159	70	255	303
pounds	12 016 514	20 064 089	6 351 477	228 689	7 120 712	301 135	158 830	2 289 680
Cherries—farms	22	63	78	19	25	9	19	11
total acres	153	736	443	37	172	138	10	172
pounds	303 001	1 122 188	1 123 181	61 560	691 078	264 058	706	450 892
Grapes (see text)—farms	27	73	79	18	12	12	25	10
total acres	224	556	162	5	81	22	27	37
pounds	1 167 619	4 696 510	664 458	2 192	639 556	1 770	6 153	266 640

[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
Michigan	1978	68 237	11 448 182	168	31.5	47 796	10 224 206	214	163 311	975	204 613	964
	1974	64 094	10 832 234	169	29.8	46 647	9 549 692	205	93 435	553	112 958	552
Alcona	1978	287	55 630	194	12.8	173	42 309	245	89 815	513	112 842	548
	1974	254	50 624	199	11.7	141	37 467	266	63 157	317	85 234	321
Alger	1978	94	21 971	234	3.8	65	17 280	266	100 465	430	116 480	438
	1974	81	19 155	236	3.3	49	14 109	288	58 407	247	71 673	249
Allegan	1978	1 923	261 199	136	49.4	1 484	237 953	160	143 181	1 028	165 984	1 025
	1974	2 044	259 515	127	49.1	1 454	225 841	155	72 065	568	87 171	561
Alpena	1978	450	79 758	177	22.1	294	64 673	220	72 313	448	81 495	418
	1974	487	80 646	166	22.3	252	55 874	222	52 994	320	68 341	308
Antrim	1978	268	63 734	238	20.9	193	54 316	281	164 432	690	200 821	707
	1974	250	53 444	214	17.5	191	45 352	237	92 408	432	108 288	456
Arenac	1978	430	97 685	227	41.6	361	92 214	255	161 420	746	172 281	752
	1974	436	81 854	188	34.8	323	72 381	224	69 174	368	82 839	370
Baraga	1978	93	19 562	210	3.4	46	12 300	267	78 003	371	86 318	323
	1974	86	16 633	193	2.9	43	10 129	236	35 953	186	40 860	173
Barry	1978	1 033	180 832	175	51.0	755	160 381	212	137 053	782	168 516	782
	1974	1 092	184 667	169	52.1	712	152 924	215	74 901	443	95 343	444
Bay	1978	1 168	183 759	157	64.2	1 021	177 563	174	199 147	1 230	216 003	1 228
	1974	1 244	166 836	134	58.3	1 045	158 153	151	90 688	676	102 831	679
Benzie	1978	176	26 802	152	13.3	113	22 332	198	109 688	755	144 905	764
	1974	177	33 051	187	16.3	104	25 184	242	74 073	397	101 135	418
Berrien	1978	1 926	197 025	102	53.1	1 432	178 678	125	121 989	1 221	145 639	1 200
	1974	1 959	196 077	100	52.8	1 352	173 918	129	75 087	750	92 987	723
Branch	1978	1 196	242 233	203	74.8	972	230 162	237	163 919	804	182 318	793
	1974	1 310	247 539	189	76.4	1 030	232 590	226	85 638	453	100 667	446
Calhoun	1978	1 307	256 095	196	56.4	1 008	237 954	236	153 558	783	180 264	758
	1974	1 417	270 564	191	59.6	1 019	242 124	238	84 174	441	103 069	434
Cass	1978	1 066	199 277	187	63.4	861	188 639	219	195 751	1 010	226 786	997
	1974	1 107	196 264	177	62.5	801	178 739	223	93 647	528	116 894	524
Charlevoix	1978	247	47 664	193	18.0	154	37 324	242	115 618	660	139 447	671
	1974	219	44 036	201	16.6	122	32 758	269	79 361	395	113 189	422
Cheboygan	1978	221	50 395	228	10.9	128	40 183	314	104 796	443	146 022	451
	1974	178	46 527	261	10.1	103	32 495	315	77 770	298	98 903	313
Chippewa	1978	369	99 716	270	9.8	256	81 909	320	85 455	303	96 507	298
	1974	320	83 530	261	8.2	196	64 329	328	58 422	224	73 495	224
Clare	1978	313	71 709	229	19.6	215	62 232	289	104 188	511	150 438	517
	1974	346	75 730	219	20.7	210	62 823	299	66 870	306	89 771	300
Clinton	1978	1 517	260 251	172	71.1	1 237	246 554	199	151 654	911	171 077	882
	1974	1 645	262 158	159	71.6	1 345	245 296	182	85 211	535	96 187	527
Crawford	1978	16	2 090	131	0.6	7	842	120	75 517	578	82 214	683
	1974	8	1 520	190	0.4	5	(D)	148	59 875	315	57 400	387
Delta	1978	332	92 203	278	12.2	234	79 979	342	92 990	324	105 556	314
	1974	317	91 893	290	12.2	204	73 963	363	56 047	193	69 373	191
Dickinson	1978	116	33 390	288	6.9	77	27 304	355	149 725	522	183 231	540
	1974	143	39 343	275	8.1	82	30 868	376	81 021	294	104 549	278
Eaton	1978	1 398	239 006	171	65.4	1 056	221 305	210	151 234	902	182 275	892
	1974	1 558	238 527	153	65.3	1 067	209 796	197	81 040	529	101 862	518
Emmet	1978	230	47 685	207	16.2	125	35 499	284	94 579	470	119 881	436
	1974	200	43 907	220	14.9	111	33 821	305	70 100	319	92 901	305
Genesee	1978	990	156 560	158	38.1	692	142 674	206	187 504	1 238	241 026	1 208
	1974	1 015	149 318	147	36.3	682	132 455	194	116 846	794	147 988	762
Gladwin	1978	419	74 712	178	23.2	272	60 918	224	111 085	645	142 479	650
	1974	434	76 461	176	23.8	265	60 132	227	58 615	333	73 211	323
Gogebic	1978	72	10 557	147	1.5	30	6 478	216	53 453	365	68 259	316
	1974	59	8 743	148	1.2	26	5 775	222	32 695	221	48 500	218
Grand Traverse	1978	487	75 990	156	25.7	365	65 081	178	203 078	1 250	246 900	1 253
	1974	443	64 876	146	21.9	312	54 260	174	111 316	760	140 388	807
Gratiot	1978	1 334	280 016	210	77.3	1 171	271 166	232	202 472	991	223 713	995
	1974	1 553	281 624	181	77.7	1 332	268 807	202	97 153	536	108 479	538
Hillsdale	1978	1 542	263 797	171	68.7	1 198	246 825	206	163 964	940	195 981	932
	1974	1 719	267 212	155	69.6	1 301	240 952	185	74 888	482	88 307	477
Houghton	1978	212	41 659	197	6.4	130	31 921	246	69 847	280	87 596	273
	1974	206	40 832	198	6.3	113	30 566	270	45 597	230	61 885	229
Huron	1978	1 800	405 649	225	77.4	1 631	396 192	243	271 705	1 233	294 419	1 233
	1974	2 088	410 442	197	78.3	1 826	395 529	217	104 875	534	116 292	537
Ingham	1978	1 067	226 301	212	63.3	803	207 929	259	219 479	1 054	261 251	1 039
	1974	1 198	227 488	190	63.6	839	199 354	238	125 622	662	150 627	634
Ionia	1978	1 232	244 245	198	66.4	1 015	231 479	228	163 086	843	183 790	832
	1974	1 380	250 863	182	68.2	1 089	232 164	213	83 151	457	95 467	448
Iosco	1978	237	60 079	253	17.3	158	52 234	331	144 016	589	194 962	584
	1974	225	57 190	254	16.4	144	47 456	330	84 760	333	111 465	338
Iron	1978	92	26 142	284	3.5	59	21 193	359	83 763	295	100 433	280
	1974	83	22 363	269	3.0	54	18 397	341	56 627	210	67 241	197
Isabella	1978	999	201 906	202	55.2	779	185 122	238	150 072	745	182 738	757
	1974	1 074	204 407	190	55.8	832	183 928	221	79 031	415	91 173	412
Jackson	1978	1 190	242 219	204	54.2	839	216 258	258	181 805	852	228 934	839
	1974	1 250	245 344	196	54.9	816	212 457	260	99 554	507	128 444	493
Kalamazoo	1978	976	174 980	179	48.6	734	160 614	219	209 419	1 134	237 451	1 097
	1974	1 003	170 617	170	47.4	683	145 564	213	116 449	685	141 609	664
Kalkaska	1978	92	19 759	215	5.5	56	15 333	274	128 083	596	161 123	588
	1974	63	12 065	192	3.3	29	7 732	267	60 857	318	86 552	325
Kent	1978	1 461	229 513	157	41.8	1 119	210 960	189	176 006	1 061	199 356	1 054
	1974	1 603	226 408	141	41.3	1 105	198 858	180	87 856	622	109 959	611
Keweenaw	1978	5	260	52	0.1	–	–	–	9 900	190	–	–
	1974	3	235	78	0.1	2	(D)	78	17 667	226	20 500	265
Lake	1978	126	23 496	186	6.4	69	15 520	225	81 863	414	95 734	421
	1974	122	23 429	192	6.4	60	15 549	259	44 738	233	57 933	224
Lapeer	1978	1 323	233 427	176	55.4	886	206 000	233	220 450	1 237	255 991	1 123
	1974	1 405	223 737	159	53.1	898	194 015	216	113 595	713	150 399	696

See footnote at end of table.

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

		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
Leelanau	1978	420	72 351	172	32.8	338	63 917	189	169 627	1 010	194 388	1 038
	1974	441	70 373	160	31.9	329	58 730	179	89 435	560	106 878	599
Lenawee	1978	1 840	373 727	203	77.5	1 548	362 597	234	266 652	1 318	307 104	1 315
	1974	2 056	373 081	181	77.4	1 714	354 145	207	125 083	689	142 935	692
Livingston	1978	792	136 212	172	37.2	547	122 893	225	222 019	1 293	273 802	1 215
	1974	790	140 645	178	38.4	523	122 365	234	156 605	880	195 637	836
Luce	1978	30	11 402	380	2.0	18	9 154	509	166 676	439	200 165	394
	1974	29	11 621	401	2.0	19	8 561	451	84 069	210	100 053	222
Mackinac	1978	87	27 861	320	4.3	64	24 340	380	106 897	334	127 740	336
	1974	86	23 487	273	3.6	54	19 248	356	58 035	213	74 463	209
Macomb	1978	838	89 489	107	29.1	623	81 051	130	195 558	1 857	222 428	1 738
	1974	872	89 073	102	29.0	619	78 236	126	124 413	1 218	147 237	1 165
Manistee	1978	341	57 183	168	16.2	216	43 880	203	98 844	615	122 555	638
	1974	300	55 675	186	15.7	180	40 689	226	63 540	342	81 806	362
Marquette	1978	101	27 814	275	2.4	48	17 036	355	119 155	433	115 573	326
	1974	80	24 761	310	2.1	37	15 964	431	62 500	202	61 919	144
Mason	1978	496	87 234	176	27.8	360	77 178	214	115 105	656	141 455	688
	1974	532	89 911	169	28.7	367	77 495	211	61 023	361	74 695	354
Mecosta	1978	687	139 885	204	39.0	434	113 150	261	119 596	656	146 271	665
	1974	633	126 297	200	35.2	396	100 956	255	58 581	294	72 684	285
Menominee	1978	488	146 332	300	22.0	360	126 928	353	111 659	371	130 012	372
	1974	488	144 844	297	21.8	371	126 737	342	67 973	229	78 210	229
Midland	1978	524	94 386	180	28.4	401	84 609	211	178 298	1 071	220 275	1 134
	1974	580	88 253	152	26.5	410	78 156	191	80 143	527	99 678	523
Missaukee	1978	361	100 823	279	27.9	279	91 218	327	162 846	557	189 016	575
	1974	358	86 501	242	23.9	273	75 847	278	74 120	307	84 377	304
Monroe	1978	1 529	231 839	152	65.0	1 271	223 502	176	243 412	1 583	280 250	1 573
	1974	1 702	232 022	136	65.1	1 385	222 813	161	123 892	909	143 274	891
Montcalm	1978	1 210	243 125	201	53.4	856	217 134	254	156 395	743	200 654	762
	1974	1 310	240 034	183	52.7	938	211 250	225	66 005	360	80 940	359
Montmorency	1978	110	27 048	246	7.6	74	23 375	316	123 119	548	150 481	540
	1974	108	24 500	227	6.9	73	20 597	282	74 611	329	94 110	334
Muskegon	1978	493	87 218	177	27.2	346	78 316	226	147 293	877	192 727	870
	1974	465	81 648	176	25.5	263	66 779	254	84 824	483	124 053	489
Newaygo	1978	807	133 266	165	24.5	560	109 996	196	112 265	645	120 920	621
	1974	823	127 166	155	23.4	516	97 764	189	65 588	424	84 163	444
Oakland	1978	620	77 107	124	13.9	380	64 121	169	266 954	2 170	337 935	2 024
	1974	609	86 549	142	15.6	367	69 380	189	199 123	1 401	255 259	1 350
Oceana	1978	772	125 734	163	36.7	605	112 119	185	122 183	723	141 723	729
	1974	779	125 560	161	36.6	566	108 373	191	65 112	404	78 504	410
Ogemaw	1978	303	73 732	243	20.2	217	65 173	300	131 788	540	158 618	541
	1974	304	70 449	232	19.3	200	61 317	307	79 141	342	103 620	338
Ontonagon	1978	149	41 572	279	4.9	101	33 335	330	69 400	260	83 964	264
	1974	147	37 105	252	4.4	90	27 988	311	45 952	182	53 600	172
Osceola	1978	546	125 053	229	33.6	352	101 980	290	99 584	461	123 088	450
	1974	554	117 288	212	31.5	329	90 376	275	61 756	292	80 535	293
Oscoda	1978	80	17 110	214	4.7	59	14 364	243	117 093	547	133 816	550
	1974	87	20 827	239	5.8	62	17 445	281	85 759	358	101 484	361
Otsego	1978	151	41 490	275	12.3	93	30 189	325	129 570	456	146 772	446
	1974	132	35 308	267	10.5	87	28 933	333	73 629	275	87 161	262
Ottawa	1978	1 588	190 645	120	52.9	1 222	176 394	144	145 623	1 210	168 454	1 173
	1974	1 616	174 445	108	48.4	1 191	154 791	130	80 350	744	96 343	741
Presque Isle	1978	347	89 310	257	21.5	249	75 937	305	107 553	378	126 631	391
	1974	388	86 633	223	20.9	237	66 234	279	59 961	269	77 928	279
Roscommon	1978	31	6 456	208	1.9	16	4 923	308	103 625	498	132 994	432
	1974	23	6 537	284	2.0	10	4 522	452	86 783	305	104 700	232
Saginaw	1978	1 817	334 821	184	64.3	1 554	322 425	207	198 717	1 095	220 875	1 090
	1974	2 044	332 874	163	63.9	1 783	322 579	181	112 740	692	124 769	690
St Clair	1978	1 316	206 258	157	43.9	946	184 908	195	163 875	1 104	203 350	1 092
	1974	1 468	202 340	138	43.1	933	169 243	181	102 820	746	130 274	718
St Joseph	1978	1 083	223 042	206	68.9	891	212 454	238	189 677	993	220 707	993
	1974	1 169	226 013	193	69.8	910	208 032	229	89 416	462	105 134	460
Sanilac	1978	1 969	447 673	227	72.8	1 659	428 463	258	212 156	931	239 116	929
	1974	2 300	421 441	183	68.5	1 880	396 265	211	95 753	523	109 521	520
Schoolcraft	1978	54	14 250	264	1.9	37	11 711	317	97 921	371	119 256	377
	1974	43	14 499	337	1.9	27	12 464	462	68 860	204	85 444	185
Shiawassee	1978	1 384	252 001	182	72.9	1 125	239 677	213	153 645	875	172 796	867
	1974	1 476	242 140	164	70.1	1 143	221 743	194	94 522	576	110 249	568
Tuscola	1978	1 563	344 694	221	66.1	1 286	327 334	255	313 584	1 354	367 066	1 361
	1974	1 798	335 408	187	64.3	1 446	312 190	216	126 870	680	149 278	691
Van Buren	1978	1 615	206 380	128	53.5	1 231	185 933	151	137 900	1 039	160 243	1 022
	1974	1 700	212 717	125	55.1	1 148	181 150	158	76 519	612	95 045	602
Washtenaw	1978	1 362	235 477	173	51.7	1 036	220 485	213	245 034	1 391	290 229	1 329
	1974	1 327	226 138	170	49.7	974	203 340	209	146 726	861	177 396	850
Wayne	1978	463	33 450	72	8.6	317	28 652	90	170 471	2 519	191 461	2 282
	1974	441	37 489	85	9.7	305	31 889	105	175 748	2 067	200 790	1 920
Wexford	1978	227	44 031	194	12.3	126	31 786	252	108 494	562	147 414	575
	1974	232	42 888	185	12.0	123	29 326	238	59 418	321	78 301	328
Farms not on mail list	1978	7 811	409 763	52	(X)	1 678	187 787	112	71 565	1 364	137 964	1 233

[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
Michigan	66 105	8 664 886	62 951	6 953 675	22 895	759 707	9 371	215 480	3 868	75 541
Alcona	286	35 204	272	18 577	181	11 951	30	780	30	566
Alger	90	11 399	86	8 113	42	2 670	9	171	2	(D)
Allegan	1 878	205 331	1 782	161 725	594	13 887	301	6 123	159	3 690
Alpena	440	49 759	425	33 241	225	9 257	67	1 275	56	962
Antrim	255	39 424	246	25 470	101	5 754	63	2 930	26	837
Arenac	424	73 517	418	59 491	110	3 845	70	1 805	47	1 545
Baraga	92	8 807	80	4 821	62	2 828	14	271	6	189
Barry	1 021	131 229	975	97 763	489	16 257	171	3 518	43	701
Bay	1 153	158 282	1 144	148 160	100	2 380	93	1 836	48	1 039
Benzie	173	12 802	164	7 874	44	2 105	37	696	6	84
Berrien	1 899	153 501	1 860	122 756	323	7 202	378	6 894	145	2 595
Branch	1 157	184 715	1 136	156 136	352	10 628	185	4 034	58	975
Calhoun	1 271	192 988	1 237	151 254	551	20 328	220	5 258	53	840
Cass	1 037	148 632	995	117 695	445	16 917	182	4 734	57	1 433
Charlevoix	241	29 413	231	19 545	131	6 464	49	1 003	23	240
Cheboygan	214	29 167	207	16 983	127	8 607	17	441	21	459
Chippewa	366	70 069	351	46 046	227	14 883	40	1 516	64	1 756
Clare	301	43 952	284	26 950	161	11 593	35	1 172	24	575
Clinton	1 500	211 913	1 473	179 548	424	9 743	261	5 422	85	1 187
Crawford	16	1 037	14	315	7	(D)	3	80	3	(D)
Delta	321	46 163	305	29 103	191	11 472	42	1 578	40	593
Dickinson	114	15 671	112	11 355	68	3 016	17	934	7	59
Eaton	1 377	187 974	1 347	150 844	494	15 476	248	5 613	48	1 305
Emmet	225	25 534	222	16 549	137	6 430	31	644	23	294
Genesee	966	132 430	940	110 175	261	6 920	125	4 220	65	1 128
Gladwin	414	50 537	401	34 858	222	9 746	52	1 310	30	671
Gogebic	69	5 010	65	3 307	44	1 349	3	(D)	3	18
Grand Traverse	480	50 286	472	38 119	125	4 352	82	2 213	31	553
Gratiot	1 311	236 237	1 295	209 105	249	9 134	196	5 208	53	962
Hillsdale	1 497	204 537	1 448	173 331	439	11 100	215	3 614	116	1 857
Houghton	212	22 844	203	12 557	121	5 435	47	1 453	28	424
Huron	1 742	350 764	1 721	309 874	454	17 326	164	3 532	86	1 725
Ingham	1 038	180 932	999	151 990	347	11 130	145	3 512	28	255
Ionia	1 209	192 331	1 184	157 622	435	14 022	186	4 710	27	658
Iosco	234	34 678	226	23 701	125	7 099	28	520	28	658
Iron	91	12 193	90	7 620	49	2 754	11	881	1	(D)
Isabella	975	157 150	943	128 362	334	11 951	167	3 753	61	1 251
Jackson	1 153	175 385	1 101	139 676	457	14 807	192	3 655	26	279
Kalamazoo	942	132 507	903	110 087	296	6 995	174	4 747	40	764
Kalkaska	88	11 858	83	7 320	33	1 373	21	603	8	239
Kent	1 429	179 055	1 382	145 605	560	16 349	226	5 563	45	670
Keweenaw	4	68	2	(D)	2	(D)	–	–	–	–
Lake	123	13 154	116	6 321	77	4 161	26	644	18	251
Lapeer	1 300	183 353	1 245	144 324	556	16 684	166	4 079	97	2 428
Leelanau	418	40 750	410	28 639	82	3 788	79	1 784	16	194
Lenawee	1 787	324 870	1 749	296 952	296	7 721	138	2 516	71	1 331
Livingston	763	102 352	722	79 681	331	10 046	112	2 044	52	1 090
Luce	30	7 690	27	2 813	19	4 017	2	(D)	7	586
Mackinac	83	16 792	80	10 706	52	3 776	8	164	17	917
Macomb	817	75 327	797	61 443	211	4 971	64	1 341	58	955
Manistee	335	32 494	329	19 302	121	4 499	92	1 908	27	345
Marquette	98	10 215	94	6 715	57	2 368	21	425	5	90
Mason	487	61 308	471	44 755	172	6 184	108	2 869	29	503
Mecosta	675	91 105	653	62 277	296	11 632	161	4 556	55	1 318
Menominee	483	74 716	472	56 451	295	12 882	44	954	23	293
Midland	508	71 404	494	62 718	120	3 670	57	1 284	23	395
Missaukee	360	65 124	347	48 927	192	9 857	77	1 889	40	720
Monroe	1 495	209 343	1 465	195 770	133	1 908	145	2 131	64	1 068
Montcalm	1 189	182 467	1 164	142 710	412	12 870	304	7 774	84	1 526
Montmorency	108	16 327	101	10 972	63	2 745	24	572	17	519
Muskegon	489	60 651	464	48 568	184	4 482	88	2 150	41	774
Newaygo	796	91 824	774	66 822	357	11 693	137	2 800	52	999
Oakland	558	52 867	488	35 969	223	6 935	57	1 346	16	282
Oceana	762	84 793	747	59 203	234	8 515	222	5 106	56	638
Ogemaw	299	47 287	294	35 404	143	7 743	38	683	24	612
Ontonagon	147	19 217	143	12 715	93	4 874	16	261	6	83
Osceola	537	79 383	516	53 659	314	17 408	89	1 686	42	809
Oscoda	79	10 541	75	6 264	55	3 328	12	170	6	107
Otsego	147	20 474	144	11 527	72	4 506	28	1 145	35	707
Ottawa	1 540	149 992	1 484	119 274	575	14 581	182	4 130	100	1 371
Presque Isle	341	51 411	332	32 989	224	13 124	29	1 349	33	880
Roscommon	30	4 661	28	(D)	18	2 344	1	(D)	1	(D)
Saginaw	1 794	283 286	1 767	266 021	232	5 617	141	2 483	55	948
St Clair	1 288	178 248	1 235	132 399	495	15 003	140	4 104	107	2 765
St Joseph	1 050	178 622	1 008	150 012	392	10 856	174	4 686	32	384
Sanilac	1 934	388 190	1 899	324 981	670	23 821	244	6 875	146	4 597
Schoolcraft	51	7 904	50	4 595	32	2 545	1	(D)	5	570
Shiawassee	1 361	207 117	1 337	179 473	371	9 631	251	4 798	58	1 245
Tuscola	1 537	295 949	1 513	264 116	367	11 174	207	5 058	63	1 339
Van Buren	1 593	150 657	1 550	111 405	390	9 873	287	7 113	109	2 842
Washtenaw	1 324	190 170	1 268	160 191	518	15 123	147	3 629	48	872
Wayne	436	27 455	410	23 501	55	668	18	307	21	512
Wexford	223	27 542	208	18 057	106	4 628	59	1 378	26	308
Farms not on mail list	7 025	282 569	5 657	179 446	3 151	61 539	578	8 900	333	3 227

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
Michigan	7 685	174 602	18 621	485 881	8 996	340 659	30 646	1 239 651	7 352	325 232	52 054	877 754
Alcona	68	1 386	63	1 944	101	6 466	147	8 808	41	2 652	186	2 500
Alger	9	(D)	17	330	30	2 353	68	6 339	14	731	65	1 149
Allegan	206	5 043	660	14 863	231	5 303	803	22 350	222	6 004	1 505	22 211
Alpena	106	2 188	115	2 836	138	7 347	267	15 699	49	2 520	301	4 433
Antrim	31	519	87	3 914	60	4 051	171	13 738	42	2 417	200	4 104
Arenac	96	2 672	152	4 159	102	4 002	239	12 630	46	3 403	301	4 133
Baraga	7	61	25	637	25	1 490	67	7 747	17	775	65	743
Barry	151	3 112	348	9 878	156	3 534	610	20 495	191	7 885	837	17 689
Bay	76	1 218	181	3 649	75	2 911	295	9 480	37	3 189	707	9 897
Benzie	10	215	51	1 828	32	941	114	6 986	22	2 078	136	3 995
Berrien	142	2 424	709	11 630	122	1 782	760	15 820	128	4 570	1 549	21 352
Branch	78	1 755	394	11 187	200	6 145	589	23 802	189	6 787	931	20 784
Calhoun	125	3 192	416	12 116	192	5 898	651	23 102	234	8 701	1 039	25 406
Cass	37	653	282	7 200	189	4 626	538	20 637	143	6 752	841	18 630
Charlevoix	31	539	65	1 622	73	2 655	163	9 837	45	2 075	198	3 684
Cheboygan	23	645	56	2 032	64	5 565	109	8 953	33	3 790	157	2 920
Chippewa	54	1 000	90	4 868	96	5 157	213	15 046	38	4 690	244	4 754
Clare	41	591	92	3 071	93	6 062	151	10 501	71	6 604	215	4 590
Clinton	233	5 539	470	10 474	155	3 499	751	18 993	154	5 934	1 214	19 912
Crawford	4	44	3	189	7	236	8	746	–	–	11	(D)
Delta	52	1 227	71	2 190	106	7 615	224	27 087	68	5 911	231	5 427
Dickinson	12	137	10	170	51	2 276	86	13 232	16	533	68	1 678
Eaton	270	5 409	391	9 327	195	3 567	707	20 681	234	6 924	1 093	19 860
Emmet	25	301	38	1 316	69	4 021	144	11 634	45	2 625	174	3 871
Genesee	140	3 336	235	6 651	86	1 203	443	11 514	68	1 795	734	9 618
Gladwin	72	1 477	99	2 475	147	8 433	182	8 864	64	3 195	318	3 683
Gogebic	2	(D)	15	305	20	761	38	2 206	21	1 964	48	616
Grand Traverse	44	861	164	4 188	43	865	281	14 160	60	2 339	364	8 340
Gratiot	152	3 984	300	7 844	121	3 543	602	19 163	103	4 778	947	16 295
Hillsdale	143	2 725	546	11 910	187	4 753	797	23 225	223	6 395	1 267	24 887
Houghton	35	450	83	2 525	66	3 377	147	10 752	34	1 334	163	3 352
Huron	241	6 812	386	11 495	201	6 479	612	21 031	116	4 997	1 292	22 378
Ingham	176	4 239	302	9 806	128	2 699	489	17 494	160	6 789	861	18 387
Ionia	207	4 768	397	10 551	166	4 379	675	19 871	229	9 531	985	18 133
Iosco	60	1 400	57	1 300	69	10 456	109	9 460	24	1 254	167	4 231
Iron	8	(D)	15	783	51	5 890	49	5 743	11	660	59	1 656
Isabella	161	3 758	288	8 075	169	5 467	521	19 783	116	5 081	746	14 425
Jackson	141	3 681	371	13 287	191	5 944	581	19 472	214	14 754	960	26 664
Kalamazoo	83	1 956	280	7 958	83	2 536	413	18 296	110	4 206	781	17 435
Kalkaska	14	208	41	2 115	10	393	65	2 904	25	2 288	71	2 316
Kent	160	2 960	370	7 908	167	3 655	663	21 376	179	5 651	1 094	19 776
Keweenaw	1	(D)	1	(D)	–	–	3	80	1	(D)	3	(D)
Lake	23	530	37	1 247	37	1 894	79	5 108	16	1 174	107	2 166
Lapeer	238	5 798	364	10 040	168	5 745	630	20 791	124	3 525	1 023	20 013
Leelanau	33	441	180	5 904	44	3 033	310	16 329	76	2 807	337	9 432
Lenawee	172	4 314	437	12 036	123	3 435	700	20 705	156	3 639	1 330	21 078
Livingston	111	3 019	210	6 472	99	2 890	385	11 768	149	5 664	634	13 538
Luce	5	115	3	(D)	13	1 147	16	1 840	2	(D)	14	652
Mackinac	11	248	24	981	31	1 802	56	5 356	13	3 190	55	721
Macomb	125	2 095	234	4 522	66	1 299	248	5 293	65	1 499	590	6 071
Manistee	58	825	168	5 615	60	2 435	228	15 945	45	1 846	261	4 463
Marquette	4	63	15	554	35	3 089	72	10 902	15	1 758	66	1 850
Mason	81	2 410	147	4 587	63	1 653	282	14 074	60	3 228	379	6 971
Mecosta	134	2 812	246	8 510	129	5 500	416	25 700	119	5 026	543	12 554
Menominee	34	798	115	3 338	142	10 317	369	50 568	74	5 004	324	5 727
Midland	33	853	112	2 484	84	3 038	236	11 939	40	1 801	348	6 204
Missaukee	62	1 147	100	2 584	92	6 764	185	11 201	65	11 090	254	6 644
Monroe	67	1 755	308	6 711	68	899	471	8 937	63	1 067	1 005	11 593
Montcalm	253	6 083	430	11 504	166	3 981	641	31 768	145	5 054	903	19 855
Montmorency	17	668	20	851	39	2 234	58	3 933	14	3 302	87	1 252
Muskegon	49	677	168	4 000	77	4 049	264	11 431	53	3 418	361	7 669
Newaygo	113	2 974	247	6 536	150	5 645	421	19 188	123	4 972	596	11 637
Oakland	57	1 594	150	6 741	64	2 158	190	6 744	68	5 906	468	9 432
Oceana	133	2 520	299	8 811	102	3 494	419	19 177	103	3 795	630	14 475
Ogemaw	47	1 289	59	1 556	117	8 153	153	10 818	53	3 732	224	3 742
Ontonagon	8	201	37	1 083	77	10 853	94	9 361	6	518	97	1 623
Osceola	75	1 412	151	4 409	154	8 444	319	19 009	109	7 469	408	10 748
Oscoda	7	123	15	549	26	1 389	53	3 757	11	520	63	903
Otsego	22	459	43	2 130	47	4 794	96	12 071	30	2 955	113	1 196
Ottawa	127	2 929	368	7 707	157	4 805	507	17 046	170	3 630	1 134	15 172
Presque Isle	60	1 026	47	2 043	143	10 495	212	18 281	73	5 520	214	3 603
Roscommon	4	74	6	152	5	322	15	973	6	177	12	323
Saginaw	110	1 909	304	6 308	135	3 968	755	24 295	98	4 944	1 240	18 328
St Clair	342	10 501	425	13 476	141	3 238	568	11 945	114	2 897	930	9 930
St Joseph	59	1 853	326	10 831	147	3 705	514	16 951	127	4 483	815	19 281
Sanilac	469	13 989	504	13 927	232	8 222	787	20 062	161	6 233	1 444	24 966
Schoolcraft	5	(D)	7	141	21	2 131	34	2 159	14	1 370	43	686
Shiawassee	182	4 656	345	7 314	110	1 619	665	17 577	110	3 109	1 068	22 579
Tuscola	155	3 323	352	10 939	184	4 982	638	18 888	107	5 076	1 123	19 799
Van Buren	124	2 030	662	17 394	185	4 989	793	21 007	143	6 312	1 278	23 415
Washtenaw	107	2 615	333	7 740	176	3 160	604	16 884	183	5 871	1 069	19 392
Wayne	23	507	99	1 960	18	366	94	1 664	20	864	280	3 101
Wexford	30	496	85	2 675	42	2 027	154	8 303	26	1 383	177	4 776
Farms not on mail list	189	679	1 703	28 778	560	8 161	2 370	70 166	366	4 768	6 879	44 099

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
Michigan	3 192	226 208	3 136	222 946	40	716	145	2 546	901 476	696 857	589 533
Alcona	2	(D)	2	(D)	–	–	1	(D)	(D)	(D)	(D)
Alger	4	30	4	30	–	–	–	–	782	214	121
Allegan	119	4 542	114	4 372	2	(D)	11	(D)	22 293	16 502	12 928
Alpena	17	168	17	(D)	–	–	1	(D)	2 924	1 645	723
Antrim	25	2 003	25	(D)	–	–	1	(D)	9 779	7 003	4 905
Arenac	8	702	7	(D)	–	–	1	(D)	4 793	3 707	2 908
Baraga	1	(D)	1	(D)	–	–	1	(D)	(D)	(D)	(D)
Barry	30	2 059	30	(D)	–	–	1	(D)	7 975	6 017	5 292
Bay	56	3 888	56	3 888	–	–	–	–	14 056	11 661	11 335
Benzie	24	613	24	(D)	–	–	2	(D)	6 127	2 770	1 989
Berrien	233	6 595	229	6 536	–	–	12	59	38 817	31 829	27 182
Branch	113	18 826	113	18 826	–	–	–	–	58 996	48 063	42 227
Calhoun	54	6 242	53	(D)	1	(D)	–	–	27 455	22 110	18 988
Cass	78	8 352	77	(D)	1	(D)	–	–	36 063	28 957	23 519
Charlevoix	7	20	5	(D)	1	(D)	1	(D)	681	243	159
Cheboygan	9	188	9	108	2	(D)	2	(D)	1 561	373	135
Chippewa	3	(D)	3	(D)	–	–	–	–	965	538	393
Clare	4	14	4	14	–	–	–	–	106	18	16
Clinton	35	2 126	34	1 995	–	–	5	131	9 840	7 950	6 933
Crawford	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Delta	12	179	12	(D)	–	–	1	(D)	4 647	2 041	983
Dickinson	9	996	9	(D)	–	–	2	(D)	3 999	2 111	1 500
Eaton	33	2 370	32	2 179	1	(D)	3	(D)	7 950	6 590	5 881
Emmet	17	311	17	(D)	–	–	1	(D)	3 455	1 663	1 304
Genesee	30	1 293	30	(D)	–	–	1	(D)	7 629	5 826	3 954
Gladwin	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Gogebic	–	–	–	–	–	–	–	–	–	–	–
Grand Traverse	80	2 720	79	2 593	–	–	10	127	12 079	7 843	6 445
Gratiot	26	936	26	924	–	–	4	12	3 851	2 940	2 657
Hillsdale	37	3 913	36	3 880	–	–	4	33	17 218	13 961	12 625
Houghton	16	63	16	(D)	–	–	1	(D)	1 777	594	257
Huron	15	438	14	(D)	1	(D)	–	–	3 222	2 471	2 015
Ingham	32	2 192	31	(D)	–	–	2	(D)	17 284	14 217	13 354
Ionia	39	2 834	38	2 692	1	(D)	2	(D)	12 894	10 173	8 195
Iosco	2	(D)	2	(D)	–	–	–	–	(D)	(D)	(D)
Iron	5	343	5	343	–	–	–	–	2 326	1 164	560
Isabella	16	940	16	940	–	–	–	–	4 656	2 779	2 055
Jackson	44	7 073	44	6 967	2	(D)	3	(D)	27 391	20 487	18 375
Kalamazoo	112	7 062	112	6 992	–	–	3	70	28 785	23 008	20 436
Kalkaska	5	480	5	(D)	–	–	1	(D)	1 576	950	656
Kent	125	5 503	124	(D)	–	–	4	(D)	22 800	17 803	15 424
Keweenaw	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Lake	2	(D)	2	(D)	–	–	–	–	(D)	(D)	(D)
Lapeer	44	2 439	41	2 389	3	26	3	24	9 491	7 555	5 801
Leelanau	79	2 492	78	2 474	–	–	3	18	18 181	10 194	7 973
Lenawee	34	3 174	34	3 174	–	–	–	–	15 463	14 472	13 718
Livingston	39	1 856	36	1 787	3	(D)	3	(D)	5 526	4 088	3 092
Luce	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Mackinac	1	(D)	–	–	–	–	1	(D)	(D)	(D)	–
Macomb	83	1 847	81	1 762	1	(D)	3	(D)	7 036	5 969	4 982
Manistee	65	2 547	64	2 506	–	–	5	41	15 957	9 796	6 955
Marquette	5	15	5	15	–	–	–	–	2 524	818	522
Mason	48	1 949	48	(D)	–	–	1	(D)	13 424	10 141	7 916
Mecosta	16	4 756	15	4 696	1	(D)	–	–	9 672	7 472	6 555
Menominee	7	158	5	(D)	–	–	2	(D)	2 838	1 512	1 124
Midland	6	391	6	391	–	–	–	–	4 321	3 470	3 340
Missaukee	22	1 420	22	(D)	–	–	2	(D)	8 031	5 884	4 952
Monroe	46	2 900	45	(D)	1	(D)	–	–	12 653	11 800	10 678
Montcalm	129	22 966	129	22 966	–	–	–	–	62 638	50 338	43 523
Montmorency	–	–	–	–	–	–	–	–	–	–	–
Muskegon	50	1 362	50	(D)	–	–	2	(D)	9 661	6 657	6 172
Newaygo	42	4 123	42	3 839	2	(D)	2	(D)	14 616	10 380	7 958
Oakland	63	777	61	(D)	2	(D)	–	–	4 141	2 777	1 957
Oceana	78	2 745	76	2 689	2	(D)	6	(D)	27 600	20 626	16 308
Ogemaw	5	19	5	19	–	–	–	–	167	95	19
Ontonagon	–	–	–	–	–	–	–	–	–	–	–
Osceola	13	747	13	(D)	–	–	1	(D)	4 856	4 041	3 371
Oscoda	2	(D)	1	(D)	–	–	1	(D)	(D)	(D)	(D)
Otsego	3	(D)	3	(D)	–	–	–	–	525	274	192
Ottawa	219	7 341	218	7 204	2	(D)	7	(D)	28 160	21 287	16 571
Presque Isle	6	162	6	162	–	–	–	–	4 223	1 802	1 285
Roscommon	2	(D)	2	(D)	–	–	–	–	(D)	(D)	(D)
Saginaw	33	961	33	961	–	–	–	–	7 360	5 653	5 122
St Clair	19	604	18	519	1	(D)	3	(D)	2 830	2 328	1 660
St Joseph	180	40 366	179	40 269	3	(D)	3	(D)	85 395	75 066	67 333
Sanilac	19	938	17	(D)	2	(D)	–	–	6 284	5 202	4 040
Schoolcraft	1	(D)	1	(D)	–	–	–	–	(D)	(D)	(D)
Shiawassee	18	1 193	15	1 174	1	(D)	2	(D)	5 593	4 502	3 960
Tuscola	22	2 235	21	(D)	1	(D)	1	(D)	12 191	10 240	9 507
Van Buren	147	12 591	146	12 533	–	–	8	58	46 364	36 037	30 581
Washtenaw	59	3 692	58	(D)	1	(D)	–	–	13 575	12 084	10 520
Wayne	60	559	59	(D)	–	–	2	(D)	5 449	4 661	3 688
Wexford	9	269	7	206	2	(D)	3	(D)	2 501	1 473	969
Farms not on mail list	35	280	35	280	–	–	–	–	3 500	1 050	280

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
Michigan	68 237	43 167	20 626	4 444	6.5	47 796	26 117	18 292	3 387	7.1
Alcona	287	183	92	12	4.2	173	87	80	6	3.5
Alger	94	61	32	1	1.1	65	38	26	1	1.5
Allegan	1 923	1 248	580	95	4.9	1 484	867	539	78	5.3
Alpena	450	333	111	6	1.3	294	191	98	5	1.7
Antrim	268	175	82	11	4.1	193	111	73	9	4.7
Arenac	430	228	173	29	6.7	361	174	162	25	6.9
Baraga	93	65	27	1	1.1	46	26	20	–	–
Barry	1 033	692	300	41	4.0	755	448	272	35	4.6
Bay	1 168	592	453	123	10.5	1 021	465	437	119	11.7
Benzie	176	133	38	5	2.8	113	80	29	4	3.5
Berrien	1 926	1 343	475	108	5.6	1 432	911	435	86	6.0
Branch	1 196	759	364	73	6.1	972	556	353	63	6.5
Calhoun	1 307	889	343	75	5.7	1 008	625	318	65	6.4
Cass	1 066	670	331	65	6.1	861	493	308	60	7.0
Charlevoix	247	154	86	7	2.8	154	79	69	6	3.9
Cheboygan	221	142	75	4	1.8	128	67	58	3	2.3
Chippewa	369	231	132	6	1.6	256	143	111	2	0.8
Clare	313	200	92	21	6.7	215	114	86	15	7.0
Clinton	1 517	990	416	111	7.3	1 237	755	389	93	7.5
Crawford	16	13	3	–	–	7	6	1	–	–
Delta	332	229	95	8	2.4	234	145	82	7	3.0
Dickinson	116	69	44	3	2.6	77	38	37	2	2.6
Eaton	1 398	817	477	104	7.4	1 056	539	429	88	8.3
Emmet	230	163	63	4	1.7	125	72	49	4	3.2
Genesee	990	542	371	77	7.8	692	307	327	58	8.4
Gladwin	419	276	134	9	2.1	272	151	113	8	2.9
Gogebic	72	42	29	1	1.4	30	14	15	1	3.3
Grand Traverse	487	356	116	15	3.1	365	254	100	11	3.0
Gratiot	1 334	723	507	104	7.8	1 171	590	491	90	7.7
Hillsdale	1 542	1 012	422	108	7.0	1 198	705	397	96	8.0
Houghton	212	130	76	6	2.8	130	63	66	1	0.8
Huron	1 800	935	681	184	10.2	1 631	794	672	165	10.1
Ingham	1 067	651	356	60	5.6	803	427	329	47	5.9
Ionia	1 232	780	390	62	5.0	1 015	593	366	56	5.5
Iosco	237	146	80	11	4.6	158	79	70	9	5.7
Iron	92	53	37	2	2.2	59	31	27	1	1.7
Isabella	999	610	338	51	5.1	779	414	320	45	5.8
Jackson	1 190	756	376	58	4.9	839	466	328	45	5.4
Kalamazoo	976	619	306	51	5.2	734	422	272	40	5.4
Kalkaska	92	75	16	1	1.1	56	44	12	–	–
Kent	1 461	881	503	77	5.3	1 119	606	448	65	5.8
Keweenaw	5	4	–	1	20.0	–	–	–	–	–
Lake	126	89	35	2	1.6	69	44	24	1	1.4
Lapeer	1 323	787	450	86	6.5	886	434	390	62	7.0
Leelanau	420	315	86	19	4.5	338	245	76	17	5.0
Lenawee	1 840	958	670	212	11.5	1 548	721	639	188	12.1
Livingston	792	477	269	46	5.8	547	276	233	38	6.9
Luce	30	11	18	1	3.3	18	4	13	1	5.6
Mackinac	87	55	31	1	1.1	64	38	25	1	1.6
Macomb	838	479	281	78	9.3	623	323	238	62	10.0
Manistee	341	241	84	16	4.7	216	140	63	13	6.0
Marquette	101	62	33	6	5.9	48	21	24	3	6.3
Mason	496	326	152	18	3.6	360	206	138	16	4.4
Mecosta	687	480	186	21	3.1	434	251	170	13	3.0
Menominee	488	297	182	9	1.8	360	182	172	6	1.7
Midland	524	316	174	34	6.5	401	203	168	30	7.5
Missaukee	361	205	148	8	2.2	279	130	142	7	2.5
Monroe	1 529	726	587	216	14.1	1 271	543	535	193	15.2
Montcalm	1 210	752	386	72	6.0	856	442	355	59	6.9
Montmorency	110	73	36	1	0.9	74	43	31	–	–
Muskegon	493	331	147	15	3.0	346	204	131	11	3.2
Newaygo	807	527	252	28	3.5	560	309	228	23	4.1
Oakland	620	408	154	58	9.4	380	224	115	41	10.8
Oceana	772	573	176	23	3.0	605	425	161	19	3.1
Ogemaw	303	198	96	9	3.0	217	121	90	6	2.8
Ontonagon	149	93	54	2	1.3	101	56	43	2	2.0
Osceola	546	362	173	11	2.0	352	195	148	9	2.6
Oscoda	80	54	26	–	–	59	33	26	–	–
Otsego	151	99	49	3	2.0	93	49	43	1	1.1
Ottawa	1 588	1 019	486	83	5.2	1 222	718	437	67	5.5
Presque Isle	347	228	102	17	4.9	249	143	91	15	6.0
Roscommon	31	20	11	–	–	16	9	7	–	–
Saginaw	1 817	996	685	136	7.5	1 554	795	634	125	8.0
St Clair	1 316	755	477	84	6.4	946	438	434	74	7.8
St Joseph	1 083	682	325	76	7.0	891	515	310	66	7.4
Sanilac	1 969	1 069	743	157	8.0	1 659	808	722	129	7.8
Schoolcraft	54	36	16	2	3.7	37	22	14	1	2.7
Shiawassee	1 384	809	460	115	8.3	1 125	593	426	106	9.4
Tuscola	1 563	765	653	145	9.3	1 286	542	620	124	9.6
Van Buren	1 615	1 159	390	66	4.1	1 231	821	355	55	4.5
Washtenaw	1 362	783	475	104	7.6	1 036	526	422	88	8.5
Wayne	463	281	128	54	11.7	317	169	104	44	13.9
Wexford	227	159	62	6	2.6	126	68	54	4	3.2
Farms not on mail list	7 811	6 142	1 056	613	7.8	1 678	1 098	427	153	9.1

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
Michigan	61 399	9 180 975	5 890	1 813 363	694	354 970	93	49 022	161	49 852
Alcona	264	49 563	22	(D)	1	(D)	–	–	–	–
Alger	87	18 508	4	1 630	1	(D)	–	–	2	(D)
Allegan	1 702	201 870	185	50 371	29	7 359	2	(D)	5	(D)
Alpena	423	72 922	24	6 571	3	265	–	–	–	–
Antrim	224	44 315	37	16 902	6	(D)	1	(D)	–	–
Arenac	369	74 352	57	22 737	3	(D)	–	–	1	(D)
Baraga	84	17 095	7	(D)	–	–	–	–	2	(D)
Barry	941	149 068	83	29 698	5	1 145	3	(D)	1	(D)
Bay	1 050	148 891	113	33 041	4	(D)	–	–	1	(D)
Benzie	157	20 409	17	(D)	2	(D)	–	–	–	–
Berrien	1 741	154 325	155	34 364	16	4 995	3	216	11	3 125
Branch	1 080	200 584	108	38 715	3	1 416	2	(D)	3	(D)
Calhoun	1 188	214 606	107	36 104	9	5 042	2	(D)	1	(D)
Cass	939	154 062	106	33 378	11	7 958	5	3 455	5	424
Charlevoix	220	38 451	24	7 409	1	(D)	2	(D)	–	–
Cheboygan	202	43 394	12	5 381	5	(D)	–	–	2	(D)
Chippewa	343	87 591	22	10 440	1	(D)	2	(D)	1	(D)
Clare	275	54 536	30	8 109	6	(D)	1	(D)	1	(D)
Clinton	1 359	206 547	140	46 678	11	5 940	1	(D)	6	(D)
Crawford	15	(D)	1	(D)	–	–	–	–	–	–
Delta	304	83 439	27	(D)	1	(D)	–	–	–	–
Dickinson	103	27 105	13	6 285	–	–	–	–	–	–
Eaton	1 263	206 786	127	30 149	4	728	4	1 343	–	–
Emmet	206	38 110	22	(D)	2	(D)	–	–	–	–
Genesee	891	123 383	91	28 173	7	(D)	–	–	1	(D)
Gladwin	396	66 703	22	(D)	1	(D)	–	–	–	–
Gogebic	65	9 641	7	916	–	–	–	–	–	–
Grand Traverse	425	60 415	51	13 883	11	1 692	–	–	–	–
Gratiot	1 161	217 534	159	58 815	9	3 433	–	–	5	234
Hillsdale	1 374	216 176	154	40 879	8	5 597	1	(D)	5	(D)
Houghton	188	34 245	23	(D)	1	(D)	–	–	–	–
Huron	1 601	322 954	155	53 405	34	27 201	3	1 399	7	690
Ingham	942	162 496	106	48 395	10	7 952	3	1 038	6	6 420
Ionia	1 096	195 295	120	43 256	9	4 102	3	998	4	594
Iosco	220	42 797	16	(D)	–	–	1	(D)	–	–
Iron	84	22 187	4	1 459	3	(D)	1	(D)	–	–
Isabella	908	169 554	88	31 207	3	1 145	–	–	–	–
Jackson	1 067	176 435	107	39 223	11	16 786	1	(D)	4	(D)
Kalamazoo	852	137 365	99	30 991	19	(D)	2	(D)	4	4 731
Kalkaska	90	(D)	2	(D)	–	–	–	–	–	–
Kent	1 259	171 068	167	45 162	26	11 546	2	(D)	7	(D)
Keweenaw	5	260	–	–	–	–	–	–	–	–
Lake	115	19 870	11	3 626	–	–	–	–	–	–
Lapeer	1 159	173 123	144	54 476	16	5 483	–	–	4	345
Leelanau	362	55 445	46	11 613	9	4 809	2	(D)	1	(D)
Lenawee	1 630	289 632	192	64 524	14	18 817	1	(D)	3	(D)
Livingston	705	109 408	70	22 454	11	2 515	3	1 480	3	355
Luce	29	(D)	1	(D)	–	–	–	–	–	–
Mackinac	82	26 693	4	(D)	1	(D)	–	–	–	–
Macomb	726	69 859	89	18 378	18	854	–	–	5	398
Manistee	302	47 000	26	4 751	8	3 757	2	(D)	3	(D)
Marquette	93	22 863	6	(D)	1	(D)	–	–	1	(D)
Mason	439	71 426	54	14 949	3	859	–	–	–	–
Mecosta	623	114 889	60	21 919	2	(D)	–	–	2	(D)
Menominee	445	123 391	38	20 547	5	2 394	–	–	–	–
Midland	485	79 588	39	14 798	–	–	–	–	–	–
Missaukee	320	84 759	39	(D)	–	–	–	–	2	(D)
Monroe	1 354	179 902	152	35 696	17	12 987	3	2 900	3	354
Montcalm	1 094	190 983	101	39 217	12	10 116	1	(D)	2	(D)
Montmorency	104	24 367	3	1 866	2	(D)	1	(D)	–	–
Muskegon	433	65 256	49	11 369	9	(D)	1	(D)	1	(D)
Newaygo	723	107 215	67	18 994	10	4 038	4	414	3	2 605
Oakland	536	64 309	55	8 903	23	3 121	3	31	3	743
Oceana	704	102 620	64	19 542	2	(D)	1	(D)	1	(D)
Ogemaw	273	63 312	25	9 344	2	(D)	–	–	3	(D)
Ontonagon	135	36 607	14	4 965	–	–	–	–	–	–
Osceola	505	106 816	39	(D)	–	–	2	(D)	–	–
Oscoda	76	15 071	3	(D)	1	(D)	–	–	–	–
Otsego	137	36 046	13	(D)	1	(D)	–	–	–	–
Ottawa	1 385	140 955	165	34 814	27	10 907	4	3 274	7	695
Presque Isle	314	73 820	32	(D)	1	(D)	–	–	–	–
Roscommon	30	(D)	1	(D)	–	–	–	–	–	–
Saginaw	1 606	258 582	193	64 278	14	9 862	–	–	4	2 099
St Clair	1 201	170 081	108	33 103	6	(D)	1	(D)	–	–
St Joseph	967	171 292	104	43 956	5	6 183	4	769	3	842
Sanilac	1 742	360 555	211	77 238	12	8 192	2	(D)	2	(D)
Schoolcraft	51	13 716	3	534	–	–	–	–	–	–
Shiawassee	1 244	202 316	131	47 030	5	2 270	1	(D)	3	(D)
Tuscola	1 392	262 788	144	59 581	25	(D)	–	–	2	(D)
Van Buren	1 451	156 708	124	23 290	27	23 287	7	2 760	6	335
Washtenaw	1 183	183 626	148	43 689	20	5 894	3	387	8	1 881
Wayne	400	26 825	40	3 691	20	1 780	2	(D)	1	(D)
Wexford	213	40 919	13	(D)	1	(D)	–	–	–	–
Farms not on mail list	7 468	364 618	255	15 225	88	29 920	–	–	–	–

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
Michigan	65 601	2 636	49.3	56 145	6 850	41 877	5 524	5 396	30 957	30 923	37 314
Alcona	272	15	51.8	234	31	181	39	37	105	134	153
Alger	91	3	50.5	78	4	57	7	11	39	41	53
Allegan	1 861	62	49.5	1 573	185	1 161	184	169	808	973	950
Alpena	431	19	50.1	361	43	294	43	47	204	182	268
Antrim	258	10	51.9	209	33	143	34	27	82	144	124
Arenac	417	13	49.9	345	52	227	42	23	162	257	173
Baraga	88	5	50.8	70	11	58	10	2	46	41	52
Barry	993	40	50.0	872	79	657	95	74	488	445	588
Bay	1 118	50	49.0	910	135	709	121	92	496	591	577
Benzie	162	14	52.5	128	30	116	23	19	74	80	96
Berrien	1 840	86	52.1	1 549	210	1 126	174	149	803	943	983
Branch	1 150	46	48.3	919	150	760	116	82	562	559	637
Calhoun	1 272	35	49.9	1 081	126	825	100	87	638	548	759
Cass	1 028	38	49.2	860	102	659	119	71	469	500	566
Charlevoix	237	10	50.6	193	25	156	22	25	109	125	122
Cheboygan	213	8	50.4	184	10	150	15	32	103	79	142
Chippewa	355	14	50.5	301	40	231	33	27	171	176	193
Clare	303	10	49.7	244	33	191	26	39	126	146	167
Clinton	1 478	39	48.4	1 239	158	933	99	92	742	693	824
Crawford	16	–	53.1	15	1	10	3	1	6	5	11
Delta	306	26	50.5	276	21	184	22	38	124	167	165
Dickinson	110	6	52.0	104	6	69	9	4	56	60	56
Eaton	1 345	53	48.7	1 127	139	959	123	120	716	573	825
Emmet	215	15	52.3	183	23	137	27	22	88	113	117
Genesee	953	37	50.8	797	115	619	65	64	490	394	596
Gladwin	407	12	50.2	347	29	271	30	33	208	176	243
Gogebic	71	1	52.1	58	4	51	9	15	27	30	42
Grand Traverse	451	36	50.7	372	76	289	55	40	194	249	238
Gratiot	1 302	32	48.0	1 079	142	737	141	95	501	746	588
Hillsdale	1 508	34	49.4	1 209	172	976	126	122	728	686	856
Houghton	203	9	51.3	193	13	127	26	32	69	96	116
Huron	1 763	37	48.4	1 365	243	754	186	153	415	1 329	471
Ingham	1 023	44	49.0	860	116	649	96	50	503	488	579
Ionia	1 180	52	48.2	1 032	109	704	73	67	564	625	607
Iosco	231	6	52.6	188	28	143	14	30	99	99	138
Iron	85	7	50.0	70	11	65	9	11	45	39	53
Isabella	978	21	49.8	797	107	570	77	61	432	502	497
Jackson	1 129	61	50.6	964	132	761	94	94	573	491	699
Kalamazoo	930	46	50.1	769	122	595	79	68	448	437	539
Kalkaska	87	5	49.4	68	9	59	7	4	48	33	59
Kent	1 414	47	48.9	1 200	146	871	121	100	650	704	757
Keweenaw	5	–	54.8	3	2	3	1	–	2	1	4
Lake	119	7	51.1	104	15	83	14	10	59	51	75
Lapeer	1 270	53	49.9	1 082	137	839	116	104	619	603	720
Leelanau	394	26	51.2	315	79	252	45	59	148	237	183
Lenawee	1 796	44	48.0	1 464	252	1 195	184	148	863	888	952
Livingston	763	29	50.9	655	92	480	54	51	375	346	446
Luce	30	–	46.7	24	3	20	3	1	16	11	19
Mackinac	84	3	46.9	70	6	50	9	7	34	52	35
Macomb	796	42	52.5	662	98	446	66	54	326	435	403
Manistee	322	19	51.4	260	53	228	41	36	151	142	199
Marquette	89	12	48.6	87	9	60	14	8	38	42	59
Mason	479	17	50.4	398	53	288	55	35	198	261	235
Mecosta	659	28	50.3	570	54	424	54	59	311	275	412
Menominee	464	24	49.5	418	31	250	36	42	172	272	216
Midland	507	17	48.3	396	71	359	35	33	291	190	334
Missaukee	351	10	48.1	307	22	180	52	25	103	233	128
Monroe	1 477	52	49.2	1 172	230	977	97	125	755	665	864
Montcalm	1 166	44	49.1	963	116	716	125	85	506	590	620
Montmorency	108	2	51.2	87	8	69	12	12	45	53	57
Muskegon	479	14	50.3	385	68	335	39	60	236	201	292
Newaygo	780	27	49.3	651	98	507	63	71	373	351	456
Oakland	563	57	50.2	490	83	395	34	45	316	218	402
Oceana	733	39	49.7	620	96	503	83	74	346	358	414
Ogemaw	294	9	52.0	232	35	155	39	19	97	168	135
Ontonagon	138	11	53.6	136	4	73	13	11	49	82	67
Osceola	531	15	52.3	447	42	310	58	44	208	268	278
Oscoda	73	7	50.0	63	6	43	11	8	24	46	34
Otsego	147	4	50.9	122	15	92	11	23	58	68	83
Ottawa	1 557	31	48.1	1 280	164	940	111	111	718	761	827
Presque Isle	331	16	51.0	279	28	190	33	19	138	172	175
Roscommon	30	1	52.3	23	4	23	2	2	19	9	22
Saginaw	1 767	50	49.7	1 469	194	1 032	156	124	752	948	869
St Clair	1 263	53	51.1	1 085	126	828	127	115	586	580	736
St Joseph	1 037	46	48.0	855	134	676	124	107	445	543	540
Sanilac	1 919	50	49.0	1 593	224	938	216	173	549	1 291	678
Schoolcraft	52	2	48.6	43	6	38	5	8	25	21	33
Shiawassee	1 347	37	49.1	1 101	148	872	103	91	678	624	760
Tuscola	1 504	59	48.4	1 268	183	882	178	112	592	879	684
Van Buren	1 520	95	50.7	1 272	227	1 022	177	148	697	741	874
Washtenaw	1 307	55	50.8	1 091	161	854	113	131	610	631	731
Wayne	434	29	51.4	319	100	286	26	40	220	188	275
Wexford	222	5	51.9	191	11	142	25	22	95	102	125
Farms not on mail list	7 420	391	46.7	7 670	141	5 588	70	615	4 903	1 627	6 184

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	
Michigan	68 237	19 221	16 047	3 174	48 990	14 862	34 128	26
Alcona	287	41	36	5	246	98	148	-
Alger	94	22	18	4	71	22	49	1
Allegan	1 923	714	581	133	1 208	392	816	1
Alpena	450	79	62	17	371	120	251	-
Antrim	268	96	84	12	172	60	112	-
Arenac	430	161	140	21	269	117	152	-
Baraga	93	9	9	-	83	32	51	1
Barry	1 033	257	212	45	775	233	542	1
Bay	1 168	416	339	77	752	252	500	-
Benzie	176	53	42	11	123	38	85	-
Berrien	1 926	526	440	86	1 398	501	897	2
Branch	1 196	379	288	91	817	271	546	-
Calhoun	1 307	357	274	83	950	274	676	-
Cass	1 066	357	290	67	709	210	499	-
Charlevoix	247	44	37	7	203	88	115	-
Cheboygan	221	21	21	-	200	58	142	-
Chippewa	369	72	60	12	297	116	181	-
Clare	313	84	76	8	229	70	159	-
Clinton	1 517	457	379	78	1 059	313	746	1
Crawford	16	-	-	-	16	5	11	-
Delta	332	82	75	7	250	92	158	-
Dickinson	116	43	37	6	73	23	50	-
Eaton	1 398	358	298	60	1 040	275	765	-
Emmet	230	44	42	2	186	71	115	-
Genesee	990	206	158	48	784	236	548	-
Gladwin	419	71	55	16	348	121	227	-
Gogebic	72	10	9	1	62	21	41	-
Grand Traverse	487	207	161	46	280	88	192	-
Gratiot	1 334	548	464	84	786	282	504	-
Hillsdale	1 542	422	331	91	1 120	355	765	-
Houghton	212	33	32	1	179	64	115	-
Huron	1 800	917	856	61	883	473	410	-
Ingham	1 067	360	303	57	704	184	520	3
Ionia	1 232	473	394	79	758	230	528	1
Iosco	237	43	33	10	194	66	128	-
Iron	92	17	12	5	75	27	48	-
Isabella	999	330	280	50	669	222	447	-
Jackson	1 190	269	220	49	920	270	650	1
Kalamazoo	976	327	254	73	648	182	466	1
Kalkaska	92	21	17	4	71	16	55	-
Kent	1 461	513	435	78	947	268	679	1
Keweenaw	5	-	-	-	5	1	4	-
Lake	126	13	13	-	113	38	75	-
Lapeer	1 323	364	329	35	958	274	684	1
Leelanau	420	217	164	53	202	73	129	1
Lenawee	1 840	701	554	147	1 139	334	805	-
Livingston	792	205	166	39	586	179	407	1
Luce	30	9	7	2	21	4	17	-
Mackinac	87	30	30	-	57	22	35	-
Macomb	838	253	218	35	585	217	368	-
Manistee	341	70	55	15	271	87	184	-
Marquette	101	16	14	2	84	27	57	1
Mason	496	149	127	22	347	134	213	-
Mecosta	687	150	124	26	537	151	386	-
Menominee	488	169	155	14	319	117	202	-
Midland	524	142	103	39	382	87	295	-
Missaukee	361	167	163	4	193	69	124	1
Monroe	1 529	469	343	126	1 060	322	738	-
Montcalm	1 210	328	285	43	881	305	576	1
Montmorency	110	24	21	3	86	32	54	-
Muskegon	493	136	121	15	357	80	277	-
Newaygo	807	230	199	31	577	152	425	-
Oakland	620	119	86	33	501	132	369	-
Oceana	772	266	209	57	506	149	357	-
Ogemaw	303	82	76	6	221	92	129	-
Ontonagon	149	20	15	5	129	67	62	-
Osceola	546	130	122	8	416	146	270	-
Oscoda	80	25	23	2	55	23	32	-
Otsego	151	25	22	3	126	46	80	-
Ottawa	1 588	610	524	86	977	237	740	1
Presque Isle	347	78	74	4	269	98	171	-
Roscommon	31	2	2	-	29	7	22	-
Saginaw	1 817	619	497	122	1 197	451	746	1
St Clair	1 316	318	269	49	998	311	687	-
St Joseph	1 083	392	321	71	690	222	468	1
Sanilac	1 969	834	767	67	1 134	524	610	1
Schoolcraft	54	9	8	1	45	13	32	-
Shiawassee	1 384	394	323	71	990	301	689	-
Tuscola	1 563	634	559	75	929	320	609	-
Van Buren	1 615	466	381	85	1 148	359	789	1
Washtenaw	1 362	403	331	72	959	300	659	-
Wayne	463	100	76	24	362	111	251	1
Wexford	227	48	45	3	179	57	122	-
Farms not on mail list	7 811	366	272	94	7 445	1 355	6 090	-

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)		
Michigan	68 237	23 852	7 241	–	–	7 241	2 063	4 344
Alcona	287	15	66	–	–	66	2	2
Alger	94	2	22	–	–	22	1	4
Allegan	1 923	394	160	–	–	160	82	213
Alpena	450	69	82	–	–	82	4	25
Antrim	268	15	35	–	–	35	5	74
Arenac	430	192	53	–	–	53	13	1
Baraga	93	1	22	–	–	22	1	6
Barry	1 033	294	170	–	–	170	18	13
Bay	1 168	746	155	–	–	155	78	8
Benzie	176	6	21	–	–	21	6	94
Berrien	1 926	470	62	–	–	62	185	814
Branch	1 196	712	36	–	–	36	4	8
Calhoun	1 307	617	84	–	–	84	21	13
Cass	1 066	426	37	–	–	37	26	37
Charlevoix	247	17	53	–	–	53	5	12
Cheboygan	221	11	44	–	–	44	2	3
Chippewa	369	14	137	–	–	137	2	3
Clare	313	28	56	–	–	56	3	2
Clinton	1 517	799	89	–	–	89	5	17
Crawford	16	1	2	–	–	2	–	–
Delta	332	22	86	–	–	86	3	6
Dickinson	116	–	41	–	–	41	–	–
Eaton	1 398	753	115	–	–	115	11	17
Emmet	230	5	54	–	–	54	4	9
Genesee	990	492	84	–	–	84	23	49
Gladwin	419	91	71	–	–	71	2	1
Gogebic	72	–	17	–	–	17	–	1
Grand Traverse	487	36	74	–	–	74	13	222
Gratiot	1 334	870	39	–	–	39	19	6
Hillsdale	1 542	826	87	–	–	87	6	5
Houghton	212	5	56	–	–	56	5	27
Huron	1 800	837	115	–	–	115	–	3
Ingham	1 067	466	66	–	–	66	18	19
Ionia	1 232	485	70	–	–	70	30	41
Iosco	237	34	55	–	–	55	6	3
Iron	92	6	26	–	–	26	1	1
Isabella	999	363	123	–	–	123	9	5
Jackson	1 190	466	108	–	–	108	16	30
Kalamazoo	976	373	59	–	–	59	17	77
Kalkaska	92	9	26	–	–	26	1	1
Kent	1 461	285	160	–	–	160	65	208
Keweenaw	5	–	–	–	–	–	–	1
Lake	126	11	33	–	–	33	1	3
Lapeer	1 323	338	175	–	–	175	41	30
Leelanau	420	8	29	–	–	29	2	277
Lenawee	1 840	1 210	68	–	–	68	21	20
Livingston	792	190	122	–	–	122	16	21
Luce	30	3	7	–	–	7	1	–
Mackinac	87	2	17	–	–	17	–	–
Macomb	838	275	66	–	–	66	122	38
Manistee	341	34	56	–	–	56	9	98
Marquette	101	–	23	–	–	23	4	1
Mason	496	64	61	–	–	61	51	78
Mecosta	687	120	151	–	–	151	13	11
Menominee	488	31	92	–	–	92	–	3
Midland	524	327	24	–	–	24	9	6
Missaukee	361	15	86	–	–	86	1	4
Monroe	1 529	1 131	39	–	–	39	55	23
Montcalm	1 210	480	193	–	–	193	14	23
Montmorency	110	13	19	–	–	19	–	–
Muskegon	493	52	66	–	–	66	39	64
Newaygo	807	152	151	–	–	151	44	27
Oakland	620	86	95	–	–	95	25	51
Oceana	772	42	74	–	–	74	202	193
Ogemaw	303	31	57	–	–	57	2	5
Ontonagon	149	4	40	–	–	40	–	3
Osceola	546	22	139	–	–	139	1	2
Oscoda	80	5	12	–	–	12	–	–
Otsego	151	9	51	–	–	51	2	2
Ottawa	1 588	237	122	–	–	122	118	193
Presque Isle	347	53	76	–	–	76	–	–
Roscommon	31	1	8	–	–	8	–	3
Saginaw	1 817	1 345	68	–	–	68	28	25
St Clair	1 316	515	173	–	–	173	38	23
St Joseph	1 083	539	50	–	–	50	16	9
Sanilac	1 969	799	163	–	–	163	31	20
Schoolcraft	54	2	13	–	–	13	–	–
Shiawassee	1 384	842	84	–	–	84	9	9
Tuscola	1 563	894	156	–	–	156	11	10
Van Buren	1 615	332	78	–	–	78	200	535
Washtenaw	1 362	520	114	–	–	114	32	28
Wayne	463	179	18	–	–	18	56	26
Wexford	227	14	64	–	–	64	8	5
Farms not on mail list	7 811	1 672	1 190	–	–	1 190	129	394

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)				
Michigan	1 354	3 251	15 503	5 435	7 031	654	1 890	1 054
Alcona	–	25	141	114	23	1	11	1
Alger	1	2	34	26	21	2	1	4
Allegan	37	64	575	125	268	67	41	22
Alpena	–	26	172	114	50	6	7	9
Antrim	2	11	69	38	29	12	11	5
Arenac	1	16	77	29	66	3	2	6
Baraga	1	3	36	29	17	–	1	5
Barry	3	49	306	122	129	10	25	16
Bay	14	54	56	14	38	8	10	1
Benzie	1	5	35	16	3	2	3	–
Berrien	54	77	170	40	38	6	37	13
Branch	11	13	276	52	102	3	13	18
Calhoun	17	44	339	114	114	9	29	20
Cass	13	24	419	55	49	8	13	14
Charlevoix	4	10	104	74	29	3	7	3
Cheboygan	6	14	106	71	18	1	7	9
Chippewa	–	15	110	76	69	4	5	10
Clare	8	20	129	61	54	2	8	3
Clinton	18	38	286	53	209	7	32	17
Crawford	4	1	8	5	–	–	–	–
Delta	3	10	105	87	62	6	20	9
Dickinson	4	6	28	22	29	1	6	1
Eaton	12	45	288	90	109	9	26	13
Emmet	10	18	87	72	30	1	8	4
Genesee	22	25	180	51	46	6	53	10
Gladwin	1	23	173	105	41	4	7	5
Gogebic	2	5	31	27	10	1	4	1
Grand Traverse	9	14	81	31	19	3	13	3
Gratiot	14	29	186	49	135	14	8	14
Hillsdale	6	47	348	83	144	13	31	29
Houghton	2	13	46	37	48	6	–	4
Huron	8	81	291	80	341	35	16	73
Ingham	16	41	232	58	146	3	40	20
Ionia	7	38	309	102	220	9	12	11
Iosco	1	15	93	65	25	–	2	3
Iron	1	3	38	35	11	1	2	2
Isabella	5	55	226	91	177	9	19	8
Jackson	19	56	335	119	94	6	42	18
Kalamazoo	79	32	237	46	48	12	34	8
Kalkaska	4	4	26	13	14	1	4	2
Kent	71	55	342	133	205	7	42	21
Keweenaw	–	–	2	2	–	1	–	1
Lake	–	12	43	29	17	1	4	1
Lapeer	21	70	350	123	206	7	59	26
Leelanau	4	11	57	32	19	4	6	3
Lenawee	13	47	308	44	100	12	20	21
Livingston	28	50	201	65	109	8	40	7
Luce	1	1	16	11	–	1	–	–
Mackinac	1	2	31	20	30	1	3	–
Macomb	83	34	106	46	71	5	30	8
Manistee	7	28	86	45	7	4	8	4
Marquette	2	7	31	27	16	3	5	9
Mason	17	31	92	41	75	5	19	3
Mecosta	1	52	201	107	114	5	9	10
Menominee	1	19	122	76	195	4	16	5
Midland	7	13	96	38	19	1	12	10
Missaukee	3	16	75	38	149	2	6	4
Monroe	46	20	134	16	18	14	32	17
Montcalm	4	51	221	68	178	8	20	18
Montmorency	1	11	41	28	19	1	3	2
Muskegon	18	22	132	56	72	5	17	6
Newaygo	5	48	189	86	160	11	12	8
Oakland	74	24	108	40	29	9	107	12
Oceana	7	41	131	42	53	4	16	9
Ogemaw	3	20	105	58	69	–	3	8
Ontonagon	–	8	53	51	28	3	5	5
Osceola	3	32	184	119	136	6	10	11
Oscoda	2	5	26	17	24	1	4	1
Otsego	1	11	53	46	20	–	–	2
Ottawa	80	58	432	106	250	50	35	13
Presque Isle	1	11	142	104	51	1	4	8
Roscommon	1	2	11	8	–	1	3	1
Saginaw	20	40	130	38	104	12	26	19
St Clair	24	58	248	85	153	11	48	25
St Joseph	9	30	307	55	84	14	17	8
Sanilac	16	69	288	125	538	9	14	22
Schoolcraft	–	3	27	24	5	1	2	1
Shiawassee	15	36	183	45	165	8	25	8
Tuscola	3	66	229	80	140	17	22	15
Van Buren	28	62	269	59	54	22	24	11
Washtenaw	30	57	344	50	120	11	75	31
Wayne	94	8	34	5	1	7	37	3
Wexford	4	25	58	34	35	3	9	2
Farms not on mail list	185	914	2 477	622	118	60	431	241

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)
Michigan	68 211	47 796	4 302	7 805	7 114	8 699	9 913	9 963	20 415	2 928	3 716	13 771
Alcona	287	173	3	14	24	25	47	60	114	17	15	82
Alger	93	65	3	9	10	9	22	12	28	3	5	20
Allegan	1 922	1 484	195	278	241	241	270	259	438	89	79	270
Alpena	450	294	11	36	32	54	80	81	156	16	28	112
Antrim	268	193	33	39	24	36	32	29	75	7	12	56
Arenac	430	361	22	75	64	69	69	62	69	11	14	44
Baraga	92	46	1	4	4	8	13	16	46	10	6	30
Barry	1 032	755	63	92	102	150	157	191	277	38	67	172
Bay	1 168	1 021	89	161	166	230	209	166	147	32	28	87
Benzie	176	113	19	22	12	16	22	22	63	7	10	46
Berrien	1 924	1 432	121	226	179	275	321	310	492	94	81	317
Branch	1 196	972	86	124	169	218	211	164	224	56	40	128
Calhoun	1 307	1 008	83	135	139	190	253	208	299	46	70	183
Cass	1 066	861	110	131	116	178	155	171	205	35	38	132
Charlevoix	247	154	10	20	14	24	38	48	93	18	16	59
Cheboygan	221	128	8	10	3	30	37	40	93	8	17	68
Chippewa	369	256	7	33	32	54	63	67	113	19	22	72
Clare	313	215	15	39	30	29	47	55	98	17	16	65
Clinton	1 516	1 237	107	181	169	269	263	248	279	56	65	158
Crawford	16	7	–	–	–	2	4	1	9	3	2	4
Delta	332	234	13	36	33	44	53	55	98	20	13	65
Dickinson	116	77	7	20	16	6	14	14	39	5	7	27
Eaton	1 398	1 056	61	152	145	233	244	221	342	66	81	195
Emmet	230	125	7	19	18	20	19	42	105	11	14	80
Genesee	990	692	45	80	81	128	154	204	298	58	56	184
Gladwin	419	272	9	28	34	54	77	70	147	23	27	97
Gogebic	72	30	2	–	8	4	4	12	42	6	6	30
Grand Traverse	487	365	58	97	52	51	44	63	122	20	21	81
Gratiot	1 334	1 171	107	236	205	228	233	162	163	39	33	91
Hillsdale	1 542	1 198	100	145	177	235	287	254	344	76	68	200
Houghton	212	130	2	16	15	25	30	42	82	9	10	63
Huron	1 800	1 631	187	388	342	297	256	161	169	39	33	97
Ingham	1 064	803	110	151	99	136	146	161	261	62	54	145
Ionia	1 231	1 015	104	200	169	181	191	170	216	46	48	122
Iosco	237	158	8	11	24	26	45	44	79	14	13	52
Iron	92	59	2	4	11	8	20	14	33	6	1	26
Isabella	999	779	75	129	126	143	146	160	220	44	54	122
Jackson	1 189	839	68	109	92	151	208	211	350	56	79	215
Kalamazoo	975	734	109	115	103	129	145	133	241	42	43	156
Kalkaska	92	56	3	10	8	8	12	15	36	7	6	23
Kent	1 460	1 119	157	195	161	178	195	233	341	48	70	223
Keweenaw	5	–	–	–	–	–	–	–	5	1	–	4
Lake	126	69	1	4	8	9	12	35	57	11	4	42
Lapeer	1 322	886	79	152	133	119	191	212	436	56	100	280
Leelanau	419	338	59	92	66	47	40	34	81	6	17	58
Lenawee	1 840	1 548	179	276	246	328	288	231	292	76	60	156
Livingston	791	547	52	84	69	108	118	116	244	35	56	153
Luce	30	18	2	6	1	2	3	4	12	3	2	7
Mackinac	87	64	2	19	9	7	11	16	23	1	5	17
Macomb	838	623	51	96	106	95	157	118	215	41	36	138
Manistee	341	216	20	27	23	26	64	56	125	12	13	100
Marquette	100	48	5	4	7	10	5	17	52	4	3	45
Mason	496	360	35	57	57	63	72	76	136	22	18	96
Mecosta	687	434	26	58	66	54	112	118	253	29	27	197
Menominee	488	360	27	75	67	62	58	71	128	16	27	85
Midland	524	401	28	51	63	70	103	86	123	19	28	76
Missaukee	360	279	33	87	47	37	33	42	81	9	19	53
Monroe	1 529	1 271	85	187	197	281	304	217	258	46	69	143
Montcalm	1 209	856	72	133	123	159	181	188	353	54	69	230
Montmorency	110	74	5	7	12	9	14	27	36	4	4	28
Muskegon	493	346	45	55	36	46	84	80	147	24	23	100
Newaygo	807	560	59	98	73	69	117	144	247	43	37	167
Oakland	620	380	30	43	46	64	79	118	240	34	54	152
Oceana	772	605	66	92	108	106	129	104	167	23	27	117
Ogemaw	303	217	19	30	33	35	56	44	86	19	16	51
Ontonagon	149	101	2	9	9	17	35	29	48	6	5	37
Osceola	546	352	30	58	42	61	72	89	194	32	35	127
Oscoda	80	59	4	9	12	8	15	11	21	3	4	14
Otsego	151	93	1	11	13	23	31	14	58	8	5	45
Ottawa	1 587	1 222	178	250	182	162	236	214	365	62	93	210
Presque Isle	347	249	11	32	35	40	62	69	98	11	21	66
Roscommon	31	16	–	1	1	3	4	7	15	1	2	12
Saginaw	1 816	1 554	110	248	261	355	336	244	262	59	63	140
St Clair	1 316	946	41	133	144	162	219	247	370	53	92	225
St Joseph	1 082	891	92	152	148	172	175	152	191	37	36	118
Sanilac	1 968	1 659	188	385	261	306	292	227	309	52	62	195
Schoolcraft	54	37	–	4	5	7	6	15	17	4	2	11
Shiawassee	1 384	1 125	58	180	156	215	277	239	259	46	74	139
Tuscola	1 563	1 286	158	251	225	249	228	175	277	48	56	173
Van Buren	1 614	1 231	103	177	186	226	283	256	383	76	70	237
Washtenaw	1 362	1 036	97	148	158	210	216	207	326	51	91	184
Wayne	462	317	22	51	27	56	76	85	145	28	32	85
Wexford	227	126	7	15	26	16	22	40	101	13	11	77
Farms not on mail list	7 811	1 678	–	188	178	213	261	838	6 133	471	880	4 782

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)
Michigan	1 941 095	28 446	51 210	1 013 585	33 417	849 135	3 861	78 376
Alcona	3 247	11 313	143	(D)	197	2 284	14	(D)
Alger	1 630	17 343	47	(D)	65	1 360	8	(D)
Allegan	78 633	40 891	1 400	28 234	1 113	40 885	137	9 514
Alpena	6 935	15 412	265	1 683	276	5 015	31	237
Antrim	11 173	41 689	177	6 761	138	3 573	22	839
Arenac	12 421	28 886	344	7 033	211	5 295	14	93
Baraga	755	8 118	41	(D)	58	647	2	(D)
Barry	24 963	24 165	765	8 400	632	15 468	57	1 094
Bay	34 720	29 726	1 091	31 748	189	2 820	40	152
Benzie	6 178	35 100	131	5 093	65	1 082	7	2
Berrien	53 946	28 009	1 728	44 281	447	7 849	70	1 816
Branch	37 104	31 023	1 020	18 324	637	(D)	49	(D)
Calhoun	37 741	28 876	1 094	17 519	746	19 571	67	651
Cass	41 261	38 706	837	14 600	646	25 969	56	691
Charlevoix	4 530	18 342	133	1 563	174	2 629	10	338
Cheboygan	3 212	14 533	109	863	155	2 344	22	5
Chippewa	5 444	14 754	249	(D)	240	3 788	22	(D)
Clare	7 393	23 619	179	1 038	228	6 347	18	8
Clinton	43 744	28 836	1 330	15 881	771	27 510	66	354
Crawford	65	4 075	10	42	10	(D)	2	(D)
Delta	6 276	18 905	186	1 753	226	4 515	21	8
Dickinson	3 037	26 184	60	1 310	79	1 722	7	5
Eaton	29 949	21 423	1 205	18 141	694	11 557	40	251
Emmet	3 466	15 067	125	1 160	153	2 304	8	2
Genesee	22 504	22 731	831	11 689	403	10 310	53	505
Gladwin	5 823	13 897	270	2 253	293	3 550	20	20
Gogebic	751	10 434	36	(D)	53	692	3	(D)
Grand Traverse	20 578	42 255	415	17 957	176	(D)	15	(D)
Gratiot	51 423	38 548	1 199	28 589	507	19 450	48	3 384
Hillsdale	41 664	27 019	1 261	16 930	789	23 405	75	1 329
Houghton	2 359	11 125	126	739	119	1 509	23	110
Huron	94 231	52 351	1 542	36 549	1 003	49 988	88	7 695
Ingham	41 594	38 982	841	20 470	601	20 642	49	482
Ionia	45 294	36 765	1 000	17 904	739	23 448	43	3 942
Iosco	4 662	19 673	161	1 098	160	3 557	9	7
Iron	1 146	12 459	49	(D)	64	536	3	(D)
Isabella	32 321	32 353	741	(D)	560	22 164	44	(D)
Jackson	35 305	29 668	926	13 532	681	21 560	65	213
Kalamazoo	38 950	39 908	772	20 307	495	17 087	47	1 556
Kalkaska	1 646	17 889	55	743	52	891	12	11
Kent	59 089	40 445	1 154	32 931	810	24 596	45	1 562
Keweenaw	4	830	1	(D)	3	(D)	1	(D)
Lake	972	7 716	65	(D)	72	736	9	(D)
Lapeer	41 332	31 241	940	19 856	800	21 338	69	138
Leelanau	22 540	53 667	346	18 779	133	(D)	20	(D)
Lenawee	73 237	39 803	1 643	45 381	721	27 155	78	701
Livingston	23 990	30 290	587	10 245	466	13 656	51	89
Luce	846	28 191	16	(D)	19	434	2	(D)
Mackinac	2 044	23 499	39	162	68	1 875	8	7
Macomb	25 792	30 778	713	18 763	313	6 696	60	333
Manistee	9 475	27 785	243	8 673	154	795	19	7
Marquette	1 594	15 787	52	598	67	991	15	5
Mason	13 355	26 926	365	7 332	230	5 760	23	263
Mecosta	13 376	19 470	450	(D)	410	7 567	32	(D)
Menominee	12 965	26 567	231	(D)	379	11 355	21	(D)
Midland	14 085	26 879	444	9 508	200	4 566	24	11
Missaukee	14 327	39 687	182	(D)	261	12 530	11	(D)
Monroe	45 132	29 517	1 421	36 287	407	7 666	92	1 179
Montcalm	34 240	28 297	973	20 660	576	(D)	51	(D)
Montmorency	2 026	18 418	54	437	71	1 587	4	2
Muskegon	18 144	36 803	354	10 232	279	(D)	33	(D)
Newaygo	24 989	30 966	557	11 952	474	11 392	46	1 646
Oakland	17 092	27 567	392	12 780	308	4 074	53	237
Oceana	25 746	33 349	633	20 066	317	5 389	29	290
Ogemaw	7 313	24 135	191	1 414	217	5 893	17	6
Ontonagon	1 699	11 406	79	(D)	108	1 238	11	(D)
Osceola	12 065	22 096	285	(D)	390	10 193	29	(D)
Oscoda	1 700	21 246	33	(D)	58	1 497	10	(D)
Otsego	1 840	12 188	98	703	87	1 137	3	1
Ottawa	88 379	55 654	1 211	37 137	904	31 593	110	19 648
Presque Isle	6 142	17 701	219	2 449	245	3 683	27	11
Roscommon	177	5 700	13	111	20	(D)	2	(D)
Saginaw	53 749	29 581	1 691	42 600	513	10 772	105	377
St Clair	29 342	22 296	1 029	12 865	643	(D)	75	(D)
St Joseph	40 735	37 613	864	24 416	621	14 989	71	1 329
Sanilac	72 581	36 862	1 558	26 803	1 078	45 486	59	292
Schoolcraft	582	10 775	28	(D)	39	461	1	(D)
Shiawassee	36 063	26 057	1 207	16 265	583	19 097	53	701
Tuscola	60 699	38 835	1 344	41 495	607	15 386	77	3 818
Van Buren	52 494	32 504	1 392	39 836	554	11 193	74	1 466
Washtenaw	39 232	28 805	1 114	18 641	764	19 925	113	667
Wayne	11 781	25 445	388	10 776	104	665	26	340
Wexford	3 276	14 430	120	(D)	115	2 360	7	(D)
Farms not on mail list	26 781	3 429	3 597	15 841	3 384	10 868	808	71

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)
Michigan	1 916 846	40 105	40 147	1 000 471	25 192	838 451	2 270	77 925
Alcona	3 136	18 126	100	(D)	145	2 214	10	(D)
Alger	1 508	23 207	34	(D)	49	1 253	4	(D)
Allegan	78 112	52 636	1 145	27 924	935	40 680	115	9 508
Alpena	6 771	23 031	187	1 603	206	4 933	21	235
Antrim	11 106	57 544	141	6 725	103	3 543	14	838
Arenac	12 344	34 195	301	6 983	184	(D)	13	(D)
Baraga	708	15 394	23	(D)	35	620	2	(D)
Barry	24 642	32 639	607	8 236	489	15 314	41	1 092
Bay	34 530	33 819	979	31 593	159	2 788	33	149
Benzie	6 114	54 109	97	5 055	44	(D)	2	(D)
Berrien	52 946	36 974	1 358	43 778	353	7 354	56	1 814
Branch	36 806	37 866	874	18 128	542	(D)	37	(D)
Calhoun	37 381	37 085	899	17 283	628	19 449	54	649
Cass	41 020	47 643	713	14 450	557	25 883	46	687
Charlevoix	4 419	28 695	96	(D)	110	2 555	8	(D)
Cheboygan	3 119	24 369	71	826	104	2 291	11	3
Chippewa	5 312	20 750	176	(D)	188	3 734	15	(D)
Clare	7 289	33 904	134	993	180	6 294	12	3
Clinton	43 386	35 074	1 131	15 641	675	27 400	45	345
Crawford	52	7 493	6	37	4	15	–	–
Delta	6 171	26 373	135	1 712	180	4 455	10	4
Dickinson	2 999	38 948	45	(D)	57	1 699	6	(D)
Eaton	29 511	27 946	972	17 855	559	11 408	30	249
Emmet	3 367	26 936	85	(D)	95	2 243	1	(D)
Genesee	22 137	31 990	619	11 434	303	10 202	41	501
Gladwin	5 648	20 764	200	2 176	213	3 455	15	17
Gogebic	706	23 526	17	(D)	27	662	1	(D)
Grand Traverse	20 443	56 009	325	17 864	136	(D)	11	(D)
Gratiot	51 215	43 737	1 078	28 427	461	19 407	40	3 382
Hillsdale	41 225	34 411	1 032	16 640	657	23 262	56	1 322
Houghton	2 285	17 578	82	700	87	1 476	15	109
Huron	94 003	57 635	1 423	36 391	940	49 918	82	7 694
Ingham	40 448	50 372	683	20 235	487	19 798	39	415
Ionia	45 024	44 359	868	17 727	655	23 359	28	3 939
Iosco	4 578	28 976	119	1 057	124	3 514	9	7
Iron	1 114	18 874	33	(D)	46	519	3	(D)
Isabella	32 054	41 148	612	(D)	477	22 076	25	(D)
Jackson	34 171	40 728	726	13 223	516	20 852	42	96
Kalamazoo	38 350	52 249	641	20 048	378	16 748	42	1 554
Kalkaska	1 609	28 725	39	(D)	36	871	6	(D)
Kent	58 676	52 436	942	32 677	652	24 441	31	1 558
Keweenaw	–	–	–	–	–	–	–	–
Lake	921	13 342	39	(D)	47	710	7	(D)
Lapeer	40 851	46 107	697	19 597	603	21 121	42	133
Leelanau	22 471	66 484	306	18 738	109	(D)	15	(D)
Lenawee	72 856	47 064	1 426	45 109	633	27 050	56	697
Livingston	23 615	43 171	449	9 982	363	13 547	30	86
Luce	830	46 114	10	(D)	12	424	2	(D)
Mackinac	2 022	31 594	29	(D)	54	1 860	7	(D)
Macomb	25 535	40 988	565	18 578	243	6 626	45	332
Manistee	9 368	43 371	177	8 610	105	753	8	4
Marquette	1 392	29 009	30	513	37	877	4	3
Mason	13 222	36 728	293	7 248	183	5 711	17	262
Mecosta	13 140	30 277	331	(D)	301	7 456	17	(D)
Menominee	12 827	35 631	171	(D)	319	11 295	15	(D)
Midland	13 933	34 745	369	9 424	145	4 501	13	8
Missaukee	14 171	50 793	140	(D)	232	12 422	8	(D)
Monroe	44 799	35 247	1 221	36 023	346	7 601	77	1 175
Montcalm	33 840	39 533	733	20 373	465	(D)	40	(D)
Montmorency	1 993	26 936	42	(D)	56	1 568	2	(D)
Muskegon	17 980	51 965	273	10 138	216	(D)	25	(D)
Newaygo	24 718	44 140	401	11 774	380	11 299	33	1 645
Oakland	16 829	44 288	276	12 646	197	3 950	28	234
Oceana	25 576	42 275	538	19 961	255	5 328	19	288
Ogemaw	7 212	33 233	140	1 371	173	5 837	8	4
Ontonagon	1 658	16 419	58	(D)	86	1 216	6	(D)
Osceola	11 868	33 716	197	(D)	292	10 091	17	(D)
Oscoda	1 682	28 502	26	(D)	48	1 488	9	(D)
Otsego	1 782	19 161	65	(D)	69	1 112	1	(D)
Ottawa	87 918	71 946	977	36 869	749	31 404	95	19 645
Presque Isle	6 034	24 232	164	2 390	202	3 633	24	10
Roscommon	165	10 335	8	106	12	(D)	2	(D)
Saginaw	53 377	34 348	1 492	42 317	443	10 693	88	368
St Clair	28 914	30 564	804	12 599	490	(D)	43	(D)
St Joseph	40 470	45 421	742	24 263	543	14 878	65	1 328
Sanilac	72 195	43 517	1 333	26 525	980	45 384	44	286
Schoolcraft	561	15 168	22	(D)	29	446	1	(D)
Shiawassee	35 717	31 749	1 022	16 026	489	18 993	39	698
Tuscola	60 366	46 941	1 152	41 268	492	15 283	63	3 815
Van Buren	51 958	42 208	1 123	39 426	436	11 074	46	1 458
Washtenaw	38 821	37 472	907	18 388	617	19 772	88	661
Wayne	11 551	36 437	287	10 594	63	619	11	338
Wexford	3 190	25 321	77	(D)	80	2 322	3	(D)
Farms not on mail list	22 075	13 156	1 287	13 667	822	8 405	35	3

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)
Michigan	21 323	148 965	33 390	184 066	17 632	649 122	109 396	26 982	13 719	49 785	81 192
Alcona	100	657	188	488	61	2 211	314	176	33	155	97
Alger	35	125	64	332	28	941	145	54	13	49	26
Allegan	767	8 767	1 125	13 127	639	56 711	8 602	981	594	1 533	2 176
Alpena	177	399	265	1 013	87	4 592	744	221	54	258	191
Antrim	81	614	130	1 649	75	7 481	1 365	104	39	189	351
Arenac	157	1 203	192	991	89	3 623	579	171	55	360	619
Baraga	15	32	62	108	30	587	73	49	12	38	22
Barry	339	1 413	572	3 271	242	11 301	1 989	506	238	820	821
Bay	134	456	189	650	123	1 958	418	149	52	989	1 907
Benzie	46	549	55	298	28	339	78	51	16	90	72
Berrien	235	1 952	474	2 551	229	11 983	1 784	325	126	1 390	1 870
Branch	421	4 152	611	3 174	266	8 648	1 510	517	274	1 045	1 501
Calhoun	533	3 589	777	3 258	309	10 327	1 677	641	309	1 051	1 678
Cass	441	3 542	640	7 737	283	13 149	2 585	532	385	850	1 368
Charlevoix	86	333	146	451	61	1 362	204	110	37	192	99
Cheboygan	101	235	138	502	29	2 450	360	114	21	139	138
Chippewa	143	404	244	908	108	2 377	474	190	41	242	92
Clare	136	898	219	1 038	89	1 774	314	191	60	165	162
Clinton	548	2 759	764	4 589	417	13 208	2 656	629	449	1 159	1 667
Crawford	5	7	8	5	4	6	1	4	(Z)	10	5
Delta	96	165	224	1 368	115	3 863	523	204	73	179	258
Dickinson	40	38	80	318	38	942	180	56	14	74	114
Eaton	374	1 383	680	1 966	289	4 708	889	547	215	1 159	1 750
Emmet	52	59	122	467	59	1 092	168	99	21	154	97
Genesee	250	3 141	365	1 742	142	5 657	1 122	288	123	712	1 306
Gladwin	139	391	236	591	84	1 808	285	172	42	296	331
Gogebic	21	75	60	221	23	358	44	52	14	31	8
Grand Traverse	97	402	133	409	44	1 494	278	90	21	345	541
Gratiot	357	4 744	471	5 054	289	19 639	3 343	402	291	1 202	2 391
Hillsdale	418	3 935	681	4 410	321	13 551	2 323	601	381	1 264	1 596
Houghton	58	33	126	496	83	2 375	356	99	21	127	64
Huron	534	15 593	876	11 541	562	37 786	6 376	749	617	1 547	3 358
Ingham	340	1 599	593	3 286	321	9 459	1 838	485	348	821	1 946
Ionia	482	2 755	724	5 640	328	24 331	3 983	642	428	975	1 563
Iosco	66	334	143	576	50	1 520	272	104	50	165	128
Iron	28	80	62	115	29	495	74	54	9	42	38
Isabella	312	3 606	481	3 299	270	10 087	2 077	412	218	820	1 300
Jackson	478	4 092	643	2 564	254	6 740	1 216	544	350	942	1 290
Kalamazoo	279	4 531	469	4 036	220	15 356	2 843	412	302	748	1 965
Kalkaska	31	43	53	167	27	376	78	38	15	62	87
Kent	494	2 578	773	4 942	364	15 892	3 093	675	606	1 124	2 782
Keweenaw	3	1	4	3	2	(D)	(D)	3	(Z)	2	(D)
Lake	38	44	74	148	34	429	76	60	12	76	31
Lapeer	440	3 661	748	2 654	366	5 972	1 196	667	426	951	1 365
Leelanau	81	919	150	751	82	1 823	259	99	39	260	503
Lenawee	511	8 263	674	4 343	283	10 787	1 885	584	394	1 521	3 426
Livingston	263	1 808	431	1 686	232	4 107	645	419	222	561	810
Luce	13	212	19	91	3	337	41	16	6	18	28
Mackinac	33	71	65	436	37	1 439	239	58	26	49	37
Macomb	153	1 209	322	1 096	149	2 640	573	275	120	617	1 596
Manistee	119	154	162	169	66	451	57	136	26	203	251
Marquette	44	67	71	299	33	1 608	222	54	15	50	24
Mason	81	1 084	192	729	106	1 813	330	141	44	343	586
Mecosta	235	531	371	1 570	174	5 293	841	338	108	478	528
Menominee	168	516	390	2 580	254	12 022	1 795	350	134	285	270
Midland	123	1 744	154	641	58	1 756	310	139	48	375	606
Missaukee	150	1 503	276	2 993	188	11 086	1 626	256	129	299	324
Monroe	383	3 009	478	1 587	224	4 974	797	294	132	1 158	2 501
Montcalm	350	926	537	2 542	247	7 701	1 353	480	221	974	2 542
Montmorency	28	47	62	239	29	1 072	168	52	12	64	53
Muskegon	204	1 516	270	1 094	145	2 940	531	241	110	324	568
Newaygo	279	894	485	2 744	259	13 151	1 827	347	170	642	682
Oakland	146	791	291	957	145	2 744	449	236	140	381	2 085
Oceana	197	1 351	278	1 205	129	4 745	721	217	76	574	1 042
Ogemaw	126	273	207	627	96	2 333	356	169	64	214	226
Ontonagon	39	55	112	320	55	1 949	259	81	20	80	24
Osceola	160	636	362	2 096	174	7 649	1 121	305	148	348	300
Oscoda	33	155	58	291	30	1 208	175	50	14	58	35
Otsego	39	61	76	130	30	325	53	58	11	99	67
Ottawa	721	10 731	1 015	16 178	534	76 342	12 848	814	682	1 147	3 507
Presque Isle	179	485	212	750	66	2 963	437	188	39	225	324
Roscommon	7	6	18	37	3	(D)	(D)	13	1	10	(D)
Saginaw	394	1 644	549	1 991	230	6 000	1 136	373	224	1 455	2 721
St Clair	358	2 876	590	3 240	269	12 527	2 020	516	237	842	1 066
St Joseph	400	2 561	597	4 172	325	17 745	2 699	520	256	870	1 352
Sanilac	585	3 571	1 002	6 368	646	19 229	3 782	943	759	1 572	3 279
Schoolcraft	17	46	33	81	16	324	56	30	6	29	34
Shiawassee	329	1 529	510	3 625	269	10 628	1 866	493	365	1 042	1 562
Tuscola	349	2 973	498	3 992	233	17 291	2 756	438	249	1 326	3 203
Van Buren	403	2 629	495	2 737	201	9 207	1 451	395	188	1 034	1 696
Washtenaw	525	3 153	775	2 737	381	9 074	1 627	643	350	1 115	1 746
Wayne	84	185	110	273	51	958	138	79	19	311	905
Wexford	65	137	93	404	36	1 536	304	54	19	153	100
Farms not on mail list	3 022	3 274	4 716	4 109	3 633	20 308	3 124	2 918	490	4 137	1 398

Table 12. **Selected Farm Production Expenses: 1978**—Con.

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

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)
Michigan	51 962	175 929	47 047	68 555	22 925	137 307	3 305	12 435	27 246	27 175	67 900	131 249
Alcona	147	121	102	33	117	121	1	(D)	91	39	287	306
Alger	51	60	37	11	39	112	1	(D)	25	11	94	151
Allegan	1 637	5 075	1 585	2 333	786	6 250	141	347	872	894	1 922	4 777
Alpena	303	387	130	111	131	292	7	19	153	78	441	505
Antrim	197	767	185	443	108	937	21	75	101	156	261	632
Arenac	394	1 620	309	419	123	649	22	65	171	183	421	1 126
Baraga	49	43	44	27	31	55	2	(D)	24	6	92	73
Barry	745	1 942	676	647	339	1 161	6	100	479	361	1 031	1 833
Bay	1 104	5 679	1 020	1 593	554	1 817	109	361	575	587	1 170	2 499
Benzie	116	211	115	308	79	647	12	89	70	87	173	224
Berrien	1 589	3 138	1 694	3 147	1 048	11 224	253	1 037	1 001	1 432	1 920	3 472
Branch	1 075	3 960	957	1 397	371	1 376	27	131	533	534	1 184	2 512
Calhoun	1 047	3 641	985	1 386	417	2 282	16	5	597	598	1 307	2 957
Cass	856	3 396	833	1 359	362	2 138	64	147	466	745	1 058	2 154
Charlevoix	202	353	141	130	60	383	12	27	58	102	248	258
Cheboygan	137	351	75	72	76	212	8	5	72	30	221	317
Chippewa	255	413	83	82	129	206	12	6	128	36	359	378
Clare	186	372	120	108	109	414	6	9	84	56	315	489
Clinton	1 269	4 311	1 190	1 556	424	1 514	55	206	763	518	1 509	2 881
Crawford	10	3	9	2	2	(D)	1	(D)	2	(D)	16	14
Delta	231	466	177	153	144	588	16	20	133	42	333	543
Dickinson	79	226	54	92	57	317	3	1	33	13	116	216
Eaton	1 153	3 535	1 062	1 337	461	1 025	72	166	712	758	1 392	2 362
Emmet	175	253	129	79	46	175	1	(D)	31	(D)	230	276
Genesee	766	2 642	660	922	312	1 053	74	227	327	249	990	1 656
Gladwin	329	647	253	211	167	232	3	7	240	143	408	468
Gogebic	32	17	23	7	28	112	3	1	25	4	72	61
Grand Traverse	397	985	416	1 358	279	2 209	61	435	207	425	481	857
Gratiot	1 173	5 666	1 049	1 900	424	1 639	60	288	533	466	1 329	3 231
Hillsdale	1 248	4 447	1 188	1 394	458	1 464	44	145	723	669	1 523	2 756
Houghton	157	110	131	46	66	205	10	4	67	22	213	321
Huron	1 545	10 148	1 383	2 293	664	2 711	108	216	876	1 233	1 797	5 456
Ingham	887	4 365	828	1 597	417	2 715	64	128	547	557	1 059	2 518
Ionia	1 042	3 937	985	1 711	453	2 616	48	173	645	511	1 230	2 980
Iosco	170	318	140	77	86	256	2	(D)	116	33	236	327
Iron	46	70	32	45	33	201	7	5	31	12	92	116
Isabella	806	2 999	698	937	475	1 758	7	16	400	371	992	2 225
Jackson	930	3 470	912	1 350	360	2 536	55	138	502	498	1 180	2 471
Kalamazoo	738	3 080	725	1 180	428	3 666	65	83	343	470	971	3 007
Kalkaska	61	124	52	60	29	132	3	2	22	17	91	174
Kent	1 192	3 381	1 190	2 511	655	7 769	129	846	618	784	1 456	4 776
Keweenaw	1	(D)	1	(D)	–	–	–	–	–	–	5	2
Lake	74	61	40	19	37	57	–	–	45	14	127	118
Lapeer	1 018	3 523	799	1 232	559	4 762	37	219	556	566	1 315	3 211
Leelanau	325	921	363	976	218	2 393	78	658	187	425	416	772
Lenawee	1 551	8 358	1 444	2 914	543	2 532	68	585	786	856	1 840	4 299
Livingston	557	1 976	534	644	259	1 203	3	32	377	339	781	1 488
Luce	22	34	14	(D)	16	62	1	(D)	12	8	30	71
Mackinac	63	105	35	30	33	110	2	(D)	23	19	87	146
Macomb	674	1 688	639	733	390	3 396	19	256	305	228	839	2 436
Manistee	246	323	193	411	141	1 254	46	227	141	117	331	517
Marquette	56	85	41	31	32	145	3	1	29	17	101	146
Mason	378	987	372	603	182	1 114	75	154	221	204	496	763
Mecosta	481	1 007	397	314	187	859	24	5	284	220	682	1 111
Menominee	390	842	284	164	196	784	26	18	225	108	490	981
Midland	465	1 679	410	523	153	331	26	12	259	219	524	825
Missaukee	303	744	280	263	170	657	13	13	150	137	359	943
Monroe	1 311	5 193	1 208	2 117	447	2 629	58	59	639	619	1 520	3 318
Montcalm	985	3 903	928	1 683	398	2 268	41	134	571	655	1 208	2 828
Montmorency	76	132	44	27	28	95	6	7	33	27	108	159
Muskegon	390	1 040	340	555	200	2 156	53	498	216	276	484	1 317
Newaygo	669	1 339	575	712	294	1 692	13	59	366	252	804	1 587
Oakland	313	760	338	280	226	3 429	61	144	192	116	610	1 347
Oceana	681	1 807	643	1 623	426	4 043	131	686	412	562	769	1 502
Ogemaw	199	603	143	152	124	395	14	11	110	49	302	612
Ontonagon	82	66	38	24	62	94	6	4	45	13	147	161
Osceola	340	634	260	163	187	481	13	11	192	107	548	838
Oscoda	53	97	35	19	31	59	1	(D)	22	4	78	122
Otsego	101	174	82	67	49	86	7	5	29	12	151	208
Ottawa	1 303	3 043	1 187	1 685	748	9 474	82	1 301	718	755	1 572	4 009
Presque Isle	299	724	222	238	191	565	21	32	141	85	349	636
Roscommon	12	(D)	5	1	10	(D)	1	(D)	3	4	30	30
Saginaw	1 621	7 284	1 493	2 466	517	2 098	39	105	707	627	1 818	3 514
St Clair	945	2 723	747	859	371	1 283	20	58	450	418	1 314	2 058
St Joseph	870	4 187	858	1 394	285	1 722	35	161	554	650	1 061	2 541
Sanilac	1 710	8 776	1 549	2 251	754	3 536	81	203	894	1 212	1 963	5 429
Schoolcraft	35	59	22	21	20	51	1	(D)	12	4	54	71
Shiawassee	1 200	3 702	1 069	1 217	457	1 587	52	94	597	473	1 386	2 513
Tuscola	1 418	9 800	1 239	2 665	605	2 651	92	249	745	707	1 562	4 084
Van Buren	1 273	3 389	1 290	2 544	805	7 462	261	673	801	1 366	1 615	3 078
Washtenaw	1 113	3 971	1 016	1 203	398	2 453	61	80	559	540	1 362	3 055
Wayne	262	530	237	233	134	1 490	46	43	105	80	463	979
Wexford	132	186	113	75	55	202	7	71	84	34	227	248
Farms not on mail list	3 439	2 738	3 143	998	640	439	70	23	1 053	305	7 752	2 821

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)
Michigan	67 900	131 249	63 969	48 248	81 896	43 833	21 009	30 923	29 236	60 663	23 494	13 000
Alcona	287	306	265	134	221	141	61	71	59	115	51	23
Alger	94	151	93	59	102	60	19	37	20	40	26	8
Allegan	1 922	4 777	1 801	1 469	2 521	1 414	598	963	723	1 530	670	295
Alpena	441	505	418	191	322	254	102	179	115	239	96	43
Antrim	261	632	238	222	371	167	114	163	160	355	144	107
Arenac	421	1 126	404	406	704	302	154	267	280	580	223	127
Baraga	92	73	91	36	58	55	15	23	7	15	15	4
Barry	1 031	1 833	989	684	1 177	685	354	434	419	876	354	178
Bay	1 170	2 499	1 121	1 175	2 039	873	553	607	631	1 307	457	280
Benzie	173	224	163	115	191	88	52	80	41	83	52	22
Berrien	1 920	3 472	1 880	1 670	2 776	1 385	652	734	535	1 128	593	261
Branch	1 184	2 512	1 094	847	1 420	808	341	526	598	1 212	376	235
Calhoun	1 307	2 957	1 257	965	1 612	909	391	579	626	1 255	452	241
Cass	1 058	2 154	1 012	842	1 426	748	349	503	426	881	348	204
Charlevoix	248	258	217	100	173	179	60	131	62	132	97	35
Cheboygan	221	317	204	115	194	124	49	101	52	105	67	29
Chippewa	359	378	344	171	289	267	91	153	61	123	116	31
Clare	315	489	309	176	300	171	68	133	111	229	91	54
Clinton	1 509	2 881	1 389	958	1 647	1 110	521	810	739	1 533	662	317
Crawford	16	14	13	3	5	3	1	4	4	8	3	1
Delta	333	543	324	224	371	245	71	141	106	219	108	34
Dickinson	116	216	115	84	136	91	37	58	51	103	43	32
Eaton	1 392	2 362	1 261	970	1 631	941	400	678	493	1 015	540	210
Emmet	230	276	209	115	196	145	60	108	60	122	74	31
Genesee	990	1 656	928	570	972	604	276	469	395	822	360	194
Gladwin	408	468	366	194	326	262	98	193	111	221	132	58
Gogebic	72	61	71	30	48	47	14	10	2	4	6	2
Grand Traverse	481	857	418	389	675	301	170	286	163	333	200	83
Gratiot	1 329	3 231	1 223	1 207	2 042	955	488	821	897	1 868	626	468
Hillsdale	1 523	2 756	1 380	983	1 640	1 015	506	737	652	1 336	566	291
Houghton	213	321	212	124	195	172	56	66	23	46	49	12
Huron	1 797	5 456	1 709	2 197	3 676	1 315	762	1 183	1 538	3 159	961	628
Ingham	1 059	2 518	980	770	1 280	711	387	585	627	1 301	469	274
Ionia	1 230	2 980	1 150	1 027	1 757	868	445	674	795	1 666	518	361
Iosco	236	327	236	149	258	138	62	56	56	121	48	29
Iron	92	116	91	58	100	70	27	27	18	37	20	9
Isabella	992	2 225	931	840	1 447	690	331	521	677	1 429	386	209
Jackson	1 180	2 471	1 144	943	1 595	754	397	538	567	1 161	438	255
Kalamazoo	971	3 007	890	796	1 328	610	282	479	517	1 082	374	169
Kalkaska	91	174	85	53	89	55	26	47	47	96	38	30
Kent	1 456	4 776	1 360	1 330	2 272	955	529	752	871	1 844	591	329
Keweenaw	5	2	5	1	1	1	(D)	2	(D)	(D)	1	(D)
Lake	127	118	125	55	93	95	35	38	(D)	(D)	28	14
Lapeer	1 315	3 211	1 214	971	1 627	768	403	649	613	1 270	491	294
Leelanau	416	772	395	323	554	324	161	250	209	428	219	90
Lenawee	1 840	4 299	1 689	1 576	2 648	1 281	611	1 098	1 304	2 719	881	573
Livingston	781	1 488	728	527	882	506	217	408	363	744	314	161
Luce	30	71	30	29	50	16	11	18	22	46	15	10
Mackinac	87	146	83	60	99	68	25	46	28	57	38	12
Macomb	839	2 436	810	722	1 242	577	284	336	266	550	254	125
Manistee	331	517	311	239	390	215	105	154	93	186	104	43
Marquette	101	146	98	57	96	68	22	34	26	54	27	9
Mason	496	763	466	301	534	342	147	245	178	365	162	78
Mecosta	682	1 111	648	437	726	427	201	253	185	380	175	75
Menominee	490	981	473	395	660	399	108	228	180	379	182	46
Midland	524	825	500	374	648	336	172	221	242	505	183	175
Missaukee	359	943	333	290	479	284	117	221	209	437	180	96
Monroe	1 520	3 318	1 478	1 290	2 182	1 110	556	700	760	1 597	554	286
Montcalm	1 208	2 828	1 143	908	1 557	862	423	649	867	1 828	538	343
Montmorency	108	159	98	54	91	66	26	54	41	85	42	15
Muskegon	484	1 317	452	443	752	292	160	225	276	581	150	94
Newaygo	804	1 587	761	564	964	554	246	379	290	608	296	125
Oakland	610	1 347	564	397	701	286	166	243	164	342	166	66
Oceana	769	1 502	721	578	989	504	273	407	328	678	310	175
Ogemaw	302	612	286	185	323	180	94	144	145	301	111	84
Ontonagon	147	161	146	78	131	116	30	44	13	26	30	6
Osceola	548	838	517	312	533	342	145	177	146	299	125	65
Oscoda	78	122	74	45	73	46	27	42	24	51	34	13
Otsego	151	208	144	90	155	117	49	69	41	87	55	22
Ottawa	1 572	4 009	1 523	1 389	2 404	1 001	522	613	581	1 254	434	223
Presque Isle	349	636	326	234	402	256	112	197	173	351	150	78
Roscommon	30	30	30	16	29	11	(D)	7	3	6	4	1
Saginaw	1 818	3 514	1 751	1 647	2 767	1 360	674	893	882	1 820	698	425
St Clair	1 314	2 058	1 203	828	1 397	851	382	606	461	941	471	205
St Joseph	1 061	2 541	1 034	786	1 346	761	299	519	654	1 347	425	222
Sanilac	1 963	5 429	1 860	1 750	3 043	1 441	772	1 265	1 574	3 303	1 046	734
Schoolcraft	54	71	51	27	43	32	12	25	19	37	19	(D)
Shiawassee	1 386	2 513	1 283	1 050	1 787	984	428	682	632	1 300	543	282
Tuscola	1 562	4 084	1 513	1 629	2 758	1 228	773	853	1 151	2 379	726	591
Van Buren	1 615	3 078	1 495	1 237	2 100	1 081	620	672	531	1 104	458	299
Washtenaw	1 362	3 055	1 316	1 173	1 974	1 010	497	699	695	1 415	554	310
Wayne	463	979	425	266	450	233	84	117	59	121	70	25
Wexford	227	248	216	94	156	167	76	80	47	96	53	25
Farms not on mail list	7 752	2 821	7 266	1 432	2 481	2 548	971	1 434	410	826	738	273

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 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)
Michigan	7 003	7 407	18 728	4 566	4 348	5 800	3 760	8 143	3 023	1 587
Alcona	8	(Z)	1	1	(D)	19	4	7	6	2
Alger	10	3	6	7	2	14	6	13	9	4
Allegan	240	360	924	178	219	205	511	1 235	105	89
Alpena	43	12	33	13	6	61	16	35	27	19
Antrim	52	26	65	21	14	27	9	18	21	10
Arenac	60	140	323	44	42	41	14	30	28	10
Baraga	9	1	1	3	1	3	(Z)	1	1	(D)
Barry	161	131	322	96	100	90	30	61	30	8
Bay	114	113	309	78	67	121	37	77	81	25
Benzie	6	1	3	2	(D)	22	6	13	13	9
Berrien	245	219	526	150	143	244	107	230	135	65
Branch	218	288	746	148	195	110	33	69	40	13
Calhoun	154	132	343	108	90	140	147	347	86	68
Cass	243	290	733	180	199	81	22	44	24	9
Charlevoix	14	4	9	13	6	23	4	8	9	6
Cheboygan	16	12	32	10	12	29	8	16	14	7
Chippewa	5	(D)	3	2	(D)	22	10	22	11	3
Clare	18	19	50	16	10	11	11	22	5	(D)
Clinton	152	175	431	103	97	111	86	172	45	23
Crawford	1	(D)	(D)	–	–	3	(D)	(D)	2	(D)
Delta	53	8	18	18	7	44	17	36	20	6
Dickinson	15	9	20	9	9	15	5	11	7	2
Eaton	126	115	311	105	107	112	42	87	66	19
Emmet	7	1	2	–	–	19	5	11	16	4
Genesee	97	127	321	75	72	78	64	143	15	17
Gladwin	44	23	61	28	27	37	12	23	25	5
Gogebic	4	2	4	1	(D)	11	2	4	3	2
Grand Traverse	65	18	41	42	14	76	33	68	61	41
Gratiot	163	229	574	86	79	106	32	65	58	20
Hillsdale	227	255	660	166	168	121	21	41	61	13
Houghton	23	11	26	12	6	31	28	58	15	5
Huron	151	164	417	91	99	161	69	138	75	19
Ingham	165	279	733	118	138	91	59	129	44	39
Ionia	168	156	401	89	80	106	42	87	54	17
Iosco	21	14	36	13	10	19	4	8	18	6
Iron	13	3	6	6	2	7	3	6	4	1
Isabella	65	57	153	40	32	94	22	44	56	19
Jackson	105	159	427	72	89	108	58	117	38	16
Kalamazoo	230	294	721	161	175	57	101	228	32	75
Kalkaska	9	9	22	3	1	9	11	27	3	2
Kent	210	223	550	134	114	173	133	275	93	65
Keweenaw	–	–	–	–	–	–	–	–	–	–
Lake	4	1	2	3	2	5	1	2	3	3
Lapeer	126	137	361	70	70	96	34	69	38	13
Leelanau	23	4	10	10	2	57	27	54	34	12
Lenawee	307	376	967	251	253	93	54	108	51	15
Livingston	96	72	185	71	41	113	40	85	43	12
Luce	1	(D)	(D)	1	(D)	4	1	2	–	–
Mackinac	4	3	7	2	(D)	10	6	11	6	6
Macomb	83	61	153	55	41	144	475	1 069	66	168
Manistee	44	20	42	26	13	30	4	7	9	4
Marquette	14	7	14	9	6	17	15	33	8	18
Mason	45	32	80	32	21	53	18	34	32	14
Mecosta	32	25	63	21	17	46	16	35	42	15
Menominee	56	31	74	27	14	76	31	65	36	9
Midland	24	22	58	14	13	32	10	20	12	3
Missaukee	23	27	71	17	16	48	56	129	18	8
Monroe	203	274	676	148	173	149	95	169	67	37
Montcalm	115	77	186	67	52	98	41	84	55	19
Montmorency	13	9	23	8	5	10	3	7	4	3
Muskegon	43	22	55	12	8	31	22	46	27	23
Newaygo	28	38	92	24	21	82	53	112	57	28
Oakland	38	30	75	26	35	59	40	83	36	22
Oceana	57	17	37	28	11	106	50	100	67	31
Ogemaw	7	8	19	6	3	37	55	134	25	12
Ontonagon	6	3	7	2	(D)	4	(Z)	1	–	–
Osceola	29	12	29	17	7	52	12	25	29	6
Oscoda	8	(D)	8	5	3	3	1	2	2	(D)
Otsego	11	4	10	3	1	16	8	15	4	2
Ottawa	125	213	532	42	54	157	231	499	84	76
Presque Isle	27	(D)	21	15	8	46	9	20	11	4
Roscommon	–	–	–	–	–	2	(D)	(D)	1	(D)
Saginaw	78	79	200	47	48	155	55	112	58	18
St Clair	77	88	239	41	44	68	67	142	30	34
St Joseph	268	301	737	189	228	89	27	53	67	19
Sanilac	203	236	603	142	127	161	60	122	90	25
Schoolcraft	5	(D)	1	2	(D)	7	3	5	5	1
Shiawassee	111	69	172	52	59	74	58	121	32	23
Tuscola	205	302	806	155	161	155	45	93	80	26
Van Buren	239	349	852	146	128	181	81	165	123	44
Washtenaw	133	216	541	119	131	110	54	111	69	24
Wayne	39	49	113	25	25	65	27	57	44	17
Wexford	7	8	21	7	6	18	7	14	8	6
Farms not on mail list	316	91	224	187	62	189	44	91	94	23

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, cake, etc.	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Michigan	1 509	4 568	67 864	6 945	45 918	30 372	2 137	713
Alcona	6	1	287	12	222	91	18	5
Alger	3	2	94	8	69	52	9	1
Allegan	56	74	1 922	205	1 469	1 425	30	10
Alpena	1	(D)	441	26	310	136	17	(D)
Antrim	–	–	261	44	159	170	6	1
Arenac	10	6	421	52	342	224	21	4
Baraga	1	(D)	92	4	60	21	13	(D)
Barry	7	8	1 031	102	763	451	21	8
Bay	14	50	1 170	142	827	341	30	10
Benzie	1	(D)	173	13	105	42	15	(D)
Berrien	44	80	1 920	199	1 365	656	54	6
Branch	9	5	1 184	136	840	580	78	26
Calhoun	24	103	1 307	151	965	814	53	18
Cass	15	13	1 058	108	692	451	14	4
Charlevoix	17	4	248	17	146	64	6	3
Cheboygan	11	44	221	22	152	63	2	(D)
Chippewa	1	(D)	359	25	285	102	32	8
Clare	1	(D)	315	29	219	134	15	5
Clinton	18	9	1 509	172	1 038	734	48	9
Crawford	–	–	16	1	7	2	1	(D)
Delta	9	7	333	31	254	146	8	4
Dickinson	2	(D)	116	15	96	49	13	(D)
Eaton	20	33	1 392	139	991	560	35	10
Emmet	7	4	230	22	165	70	5	(Z)
Genesee	57	39	990	94	678	362	19	3
Gladwin	–	–	408	37	238	91	5	(Z)
Gogebic	–	–	72	4	59	20	8	2
Grand Traverse	13	20	475	48	386	183	17	2
Gratiot	22	20	1 329	163	882	679	22	4
Hillsdale	37	27	1 523	149	1 030	663	23	7
Houghton	5	19	213	16	182	97	16	3
Huron	49	33	1 797	263	1 371	1 169	66	22
Ingham	23	53	1 059	116	754	602	39	13
Ionia	15	8	1 230	154	932	787	46	12
Iosco	15	7	236	19	151	75	10	1
Iron	1	(D)	92	9	71	23	13	(D)
Isabella	18	11	992	108	714	495	64	15
Jackson	35	19	1 176	133	786	584	33	9
Kalamazoo	74	580	970	171	645	541	17	7
Kalkaska	–	–	91	9	57	42	4	2
Kent	64	637	1 450	190	1 122	1 373	40	19
Keweenaw	–	–	5	(Z)	3	(Z)	2	(D)
Lake	–	–	127	10	90	35	9	1
Lapeer	24	348	1 315	152	949	939	45	18
Leelanau	10	3	416	51	310	147	38	7
Lenawee	28	9	1 840	228	1 175	738	51	14
Livingston	10	6	781	63	558	408	48	9
Luce	–	–	30	3	21	14	2	(D)
Mackinac	–	–	87	9	69	37	7	2
Macomb	61	356	839	91	621	460	15	4
Manistee	–	–	331	27	232	130	25	6
Marquette	3	1	101	10	73	28	11	2
Mason	3	2	496	44	362	185	24	3
Mecosta	24	19	677	53	446	354	43	22
Menominee	17	20	490	52	399	262	31	9
Midland	1	(D)	524	44	383	129	10	(D)
Missaukee	3	(D)	359	45	262	314	1	(D)
Monroe	21	152	1 520	152	869	484	32	110
Montcalm	26	39	1 208	154	818	722	73	21
Montmorency	2	(D)	108	9	74	43	9	(D)
Muskegon	34	120	484	69	369	358	51	6
Newaygo	12	70	804	99	547	468	32	6
Oakland	45	384	610	51	419	280	7	1
Oceana	6	4	769	91	553	428	37	7
Ogemaw	16	6	302	36	209	174	15	4
Ontonagon	4	3	147	11	122	49	18	4
Osceola	11	8	548	46	414	300	18	2
Oscoda	–	–	78	6	50	38	2	(D)
Otsego	4	1	149	11	111	46	15	6
Ottawa	83	233	1 572	169	1 150	1 172	16	20
Presque Isle	2	(D)	349	36	298	153	75	20
Roscommon	1	(D)	30	2	25	8	2	(D)
Saginaw	60	76	1 818	213	1 109	538	88	25
St Clair	12	19	1 314	132	942	448	42	16
St Joseph	8	31	1 061	137	673	589	41	17
Sanilac	31	33	1 963	278	1 475	1 481	47	17
Schoolcraft	–	–	54	6	42	15	2	(D)
Shiawassee	25	12	1 386	128	933	563	21	2
Tuscola	32	39	1 562	202	1 067	699	42	16
Van Buren	34	86	1 615	176	1 123	609	35	8
Washtenaw	21	137	1 362	166	950	600	30	14
Wayne	60	408	451	28	280	137	33	5
Wexford	10	1	227	15	141	73	6	4
Farms not on mail list	60	12	7 752	282	3 603	549	–	–

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

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

All Farms

	Farms	Expenses ($1,000)	Reporting only workers working less than 150 days: Farms	Workers	Expenses ($1,000)	Reporting only workers working 150 days or more: Farms	Workers	Expenses ($1,000)	Reporting both—workers working less than 150 days or 150 days or more: Farms	less than 150 days	150 days or more	Expenses ($1,000)
Michigan	22 925	137 307	15 923	72 996	24 083	2 773	6 209	26 508	4 229	51 589	12 217	86 716
Alcona	117	121	105	282	48	7	12	34	5	12	10	39
Alger	39	112	31	(D)	(D)	2	(D)	(D)	6	35	14	82
Allegan	786	6 250	510	4 102	946	94	434	2 511	182	2 235	478	2 793
Alpena	131	292	115	522	107	9	21	106	7	42	22	80
Antrim	108	937	69	514	186	10	14	45	29	364	80	705
Arenac	123	649	91	390	122	15	48	243	17	127	54	284
Baraga	31	55	26	79	25	4	9	(D)	1	4	7	(D)
Barry	339	1 161	245	917	235	34	93	299	60	427	113	627
Bay	554	1 817	409	1 783	608	58	99	288	87	585	191	921
Benzie	79	647	56	455	233	6	16	68	17	264	30	346
Berrien	1 048	11 224	707	6 718	2 265	54	98	430	287	8 749	893	8 529
Branch	371	1 376	271	668	220	70	120	510	30	185	77	645
Calhoun	417	2 282	293	838	203	61	123	479	63	438	215	1 601
Cass	362	2 138	253	973	385	48	86	507	61	746	209	1 247
Charlevoix	60	383	44	184	61	12	16	96	4	40	8	227
Cheboygan	76	212	63	157	58	5	9	62	8	16	15	92
Chippewa	129	206	98	337	65	18	18	28	13	25	28	113
Clare	109	414	89	207	55	8	15	141	12	31	35	218
Clinton	424	1 514	311	788	431	59	113	352	54	160	120	731
Crawford	2	(D)	1	(D)	(D)	1	(D)	(D)	–	–	–	–
Delta	144	588	82	203	64	11	22	73	51	214	101	452
Dickinson	57	317	37	379	46	6	12	29	14	107	41	241
Eaton	461	1 025	364	1 111	229	53	102	406	44	216	139	391
Emmet	46	175	33	72	25	10	23	50	3	24	23	100
Genesee	312	1 053	239	855	268	35	57	247	38	345	87	538
Gladwin	167	232	143	387	92	14	16	73	10	14	14	67
Gogebic	28	112	23	64	10	–	–	–	5	17	17	102
Grand Traverse	279	2 209	200	1 146	542	12	63	267	67	1 085	150	1 400
Gratiot	424	1 639	282	1 175	306	53	109	504	89	416	167	830
Hillsdale	458	1 464	354	808	249	48	76	260	56	402	164	955
Houghton	66	205	42	(D)	(D)	1	(D)	(D)	23	74	44	168
Huron	664	2 711	449	1 558	454	127	269	877	88	446	216	1 380
Ingham	417	2 715	271	870	389	59	104	367	87	555	345	1 958
Ionia	453	2 616	329	1 447	388	51	99	316	73	608	190	1 912
Iosco	86	256	75	197	25	4	9	42	7	26	32	189
Iron	33	201	25	(D)	(D)	2	(D)	(D)	6	53	23	162
Isabella	475	1 758	340	1 040	334	81	160	718	54	216	114	705
Jackson	360	2 536	196	626	221	66	117	703	98	626	221	1 612
Kalamazoo	428	3 666	283	947	501	45	162	674	100	776	254	2 491
Kalkaska	29	132	22	66	35	–	–	–	7	29	17	97
Kent	655	7 769	403	2 539	1 065	58	143	593	194	4 162	914	6 111
Keweenaw	–	–	–	–	–	–	–	–	–	–	–	–
Lake	37	57	27	79	13	4	9	13	6	12	7	30
Lapeer	559	4 762	356	1 257	420	103	394	1 733	100	634	289	2 608
Leelanau	218	2 393	125	1 304	385	19	35	171	74	939	216	1 838
Lenawee	543	2 532	384	966	437	54	100	552	105	567	215	1 543
Livingston	259	1 203	178	571	240	32	87	287	49	240	99	675
Luce	16	62	10	37	(D)	1	(D)	(D)	5	14	7	48
Mackinac	33	110	22	93	19	3	4	13	8	17	16	78
Macomb	390	3 396	244	630	323	52	202	919	94	734	273	2 154
Manistee	141	1 254	99	761	178	16	16	28	26	1 045	93	1 048
Marquette	32	145	22	111	21	4	9	55	6	33	16	69
Mason	182	1 114	119	1 226	445	21	31	142	42	290	64	527
Mecosta	187	859	132	434	191	27	50	178	28	163	94	490
Menominee	196	784	113	384	109	33	71	243	50	161	94	432
Midland	153	331	126	358	95	10	21	83	17	130	24	153
Missaukee	170	657	86	282	69	41	89	269	43	147	87	319
Monroe	447	2 629	323	1 281	402	55	102	350	69	602	308	1 877
Montcalm	398	2 268	258	701	342	36	85	303	104	518	255	1 624
Montmorency	28	95	18	(D)	(D)	2	(D)	(D)	8	28	13	75
Muskegon	200	2 156	106	752	173	45	93	525	49	1 290	249	1 459
Newaygo	294	1 692	220	993	282	29	101	477	45	557	109	933
Oakland	226	3 429	151	607	258	13	28	235	62	664	295	2 936
Oceana	426	4 043	307	3 034	1 165	19	64	123	100	1 961	344	2 755
Ogemaw	124	395	80	204	71	24	35	139	20	45	35	185
Ontonagon	62	94	52	158	44	–	–	–	10	29	16	50
Osceola	187	481	146	475	134	15	22	121	26	82	39	225
Oscoda	31	59	24	66	20	4	7	22	3	10	(D)	17
Otsego	49	86	36	102	47	7	10	25	6	38	8	13
Ottawa	748	9 474	432	3 918	1 271	151	352	1 521	165	5 270	737	6 682
Presque Isle	191	565	140	568	147	18	24	130	33	194	72	288
Roscommon	10	35	9	19	(D)	–	–	–	1	5	(D)	(D)
Saginaw	517	2 098	399	1 586	557	68	121	481	50	956	131	1 060
St Clair	371	1 283	272	789	178	36	73	216	63	460	138	890
St Joseph	285	1 722	186	574	224	46	66	305	53	745	131	1 194
Sanilac	754	3 536	405	1 314	371	173	362	1 623	176	666	312	1 542
Schoolcraft	20	(D)	15	47	15	2	(D)	(D)	3	19	3	28
Shiawassee	457	1 587	326	895	236	59	107	460	72	241	183	891
Tuscola	605	2 651	419	2 184	601	101	222	841	85	672	160	1 209
Van Buren	805	7 462	573	5 189	2 055	69	191	710	163	5 244	709	4 698
Washtenaw	398	2 453	273	816	474	57	83	510	68	555	221	1 470
Wayne	134	1 490	83	236	88	10	25	208	41	503	226	1 195
Wexford	55	202	43	215	25	3	10	21	9	38	15	156
Farms not on mail list	640	439	605	1 902	369	–	–	–	35	175	35	70

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
Michigan	68 136	2 072 471	8 704	18 559	13 294	7 183	7 324	4 747	3 496	3 722	1 107
Alcona	287	3 700	46	112	87	6	31	3	1	1	–
Alger	94	2 177	7	32	21	8	12	7	6	1	–
Allegan	1 916	56 528	191	388	476	229	285	135	108	80	24
Alpena	446	8 934	37	159	83	82	52	10	11	11	1
Antrim	266	9 520	32	74	38	20	43	27	8	18	6
Arenac	421	18 068	44	53	100	41	42	66	32	29	14
Baraga	93	1 464	11	36	26	10	4	3	2	1	–
Barry	1 031	26 106	131	287	231	142	72	71	49	41	7
Bay	1 170	47 614	102	165	311	136	147	87	72	125	25
Benzie	175	4 203	34	49	29	19	20	6	9	8	1
Berrien	1 925	51 387	194	460	509	218	258	115	81	70	20
Branch	1 193	41 265	134	277	228	179	90	93	73	102	17
Calhoun	1 310	37 523	155	331	324	136	134	82	73	55	20
Cass	1 068	37 233	105	236	254	114	74	106	79	83	17
Charlevoix	248	6 247	40	76	34	39	8	21	20	8	2
Cheboygan	221	4 719	20	99	44	14	17	8	12	3	4
Chippewa	369	7 754	32	67	131	59	52	10	16	2	–
Clare	315	7 203	44	98	73	39	35	2	6	17	1
Clinton	1 517	52 116	176	259	361	191	198	102	111	92	27
Crawford	16	142	3	9	3	–	1	–	–	–	–
Delta	333	8 841	34	87	68	45	51	5	28	13	2
Dickinson	116	6 060	13	35	8	11	8	6	13	15	7
Eaton	1 391	37 790	121	426	281	158	154	122	57	59	13
Emmet	230	4 609	53	72	30	33	21	7	8	5	1
Genesee	990	30 474	83	318	228	76	94	66	54	49	22
Gladwin	414	9 009	68	116	118	30	31	16	18	16	1
Gogebic	72	888	10	31	23	4	2	1	1	–	–
Grand Traverse	482	18 336	56	135	42	35	101	36	32	34	11
Gratiot	1 329	54 328	34	253	285	218	157	145	85	120	32
Hillsdale	1 541	42 095	143	516	275	107	272	101	37	79	11
Houghton	213	3 893	32	66	35	40	21	6	12	1	–
Huron	1 797	86 459	70	266	336	229	243	261	151	192	49
Ingham	1 063	39 081	84	278	192	132	116	65	96	73	27
Ionia	1 230	45 373	59	315	284	148	151	103	52	74	44
Iosco	236	6 652	15	102	45	16	23	14	4	9	8
Iron	92	2 038	4	40	23	10	4	2	5	3	1
Isabella	992	35 630	79	203	168	139	149	95	67	74	18
Jackson	1 186	37 416	129	314	224	167	153	92	30	58	19
Kalamazoo	976	32 203	70	228	210	172	104	63	47	63	19
Kalkaska	92	2 326	10	32	17	9	8	6	5	4	1
Kent	1 461	51 068	178	323	344	131	151	144	37	120	33
Keweenaw	5	29	3	1	1	–	–	–	–	–	–
Lake	127	1 930	7	63	23	22	7	2	2	1	–
Lapeer	1 315	48 545	106	403	252	104	148	94	101	60	47
Leelanau	416	15 201	32	88	64	43	99	32	19	34	5
Lenawee	1 840	70 522	177	414	369	170	261	136	120	146	47
Livingston	791	25 483	74	248	126	130	34	50	57	62	10
Luce	30	978	2	6	8	4	4	2	1	2	1
Mackinac	87	2 454	7	24	13	13	9	13	7	1	–
Macomb	839	25 346	92	111	194	111	183	74	32	35	7
Manistee	341	8 535	46	117	67	54	10	30	1	11	5
Marquette	101	1 834	15	37	21	12	8	4	1	3	–
Mason	496	15 203	30	155	96	61	43	60	18	28	5
Mecosta	687	16 732	131	207	145	81	50	14	41	11	7
Menominee	490	16 776	67	118	82	17	87	33	33	47	6
Midland	524	18 483	64	106	138	66	57	9	35	29	20
Missaukee	363	16 279	23	47	74	28	65	44	49	26	7
Monroe	1 528	53 298	129	356	307	192	191	122	93	119	19
Montcalm	1 208	41 092	131	328	284	112	85	114	62	62	30
Montmorency	110	3 375	13	35	20	14	8	3	7	9	1
Muskegon	484	15 560	89	137	92	50	16	22	20	45	13
Newaygo	804	24 405	93	191	202	97	112	26	21	35	27
Oakland	616	15 328	75	224	108	68	45	24	46	21	5
Oceana	769	22 354	87	189	204	71	75	60	40	32	11
Ogemaw	302	10 607	19	88	72	47	18	21	13	14	10
Ontonagon	149	2 848	27	40	39	15	14	6	4	4	–
Osceola	548	14 283	78	174	124	20	79	16	25	26	6
Oscoda	80	2 003	8	20	20	11	8	7	3	3	–
Otsego	151	3 419	12	49	27	27	14	17	–	5	–
Ottawa	1 582	47 863	211	406	318	147	182	160	60	78	20
Presque Isle	349	11 408	13	93	107	33	19	28	23	31	2
Roscommon	31	561	4	10	7	3	4	2	1	–	–
Saginaw	1 818	70 211	122	315	429	175	268	206	106	157	40
St Clair	1 318	35 311	91	338	296	189	196	94	56	51	7
St Joseph	1 070	34 041	137	266	202	145	130	51	64	54	21
Sanilac	1 969	90 626	71	334	372	215	300	209	209	210	49
Schoolcraft	54	1 216	10	19	7	7	4	5	–	1	1
Shiawassee	1 386	46 097	189	321	276	199	136	94	74	58	39
Tuscola	1 563	75 655	67	322	304	137	202	145	132	206	48
Van Buren	1 615	41 610	234	438	350	208	138	94	68	63	22
Washtenaw	1 362	48 812	95	330	248	190	166	122	103	79	29
Wayne	463	9 432	82	121	101	80	30	17	17	14	1
Wexford	227	4 250	32	81	33	45	16	9	5	6	–
Farms not on mail list	7 811	84 000	2 826	3 766	473	178	214	166	119	35	34

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
Michigan	28 406	1 276 204	21 236	532 837	11 831	146 757	11 120	386 080	20 748	387 853	22 679	355 514
Alcona	175	6 608	152	3 234	130	2 371	35	863	138	1 590	158	1 784
Alger	62	3 132	50	1 490	28	675	28	815	56	1 241	44	401
Allegan	845	46 410	581	18 688	261	3 141	362	15 547	611	15 571	685	12 151
Alpena	251	9 184	208	4 395	131	1 700	94	2 695	196	2 557	212	2 232
Antrim	112	7 278	96	3 066	60	1 242	41	1 824	98	2 337	94	1 875
Arenac	194	9 467	142	3 948	65	605	90	3 343	165	3 067	160	2 452
Baraga	62	1 907	58	976	34	516	30	460	51	577	48	354
Barry	552	26 169	414	11 343	263	3 143	178	8 200	407	8 777	462	6 049
Bay	164	4 882	124	2 005	73	524	54	1 481	114	1 705	133	1 172
Benzie	51	1 506	43	522	36	391	9	131	28	318	46	666
Berrien	310	8 575	215	3 824	146	1 608	75	2 216	206	2 648	253	2 103
Branch	490	22 264	364	8 002	211	2 352	180	5 650	337	5 617	415	8 645
Calhoun	619	29 821	469	11 513	321	4 236	185	7 277	442	7 955	541	10 353
Cass	419	15 894	308	6 995	227	3 959	103	3 036	274	4 571	358	4 328
Charlevoix	158	5 915	142	2 672	95	1 014	69	1 658	129	2 088	135	1 155
Cheboygan	148	5 719	126	3 074	103	1 664	38	1 410	121	1 581	126	1 064
Chippewa	234	8 381	206	4 026	124	1 616	104	2 410	201	3 028	184	1 327
Clare	194	11 112	157	4 778	102	2 134	70	2 644	145	3 096	167	3 238
Clinton	644	36 574	421	15 129	170	1 811	262	13 318	430	11 668	551	9 777
Crawford	10	109	8	39	8	(D)	1	(D)	8	49	6	21
Delta	212	9 371	193	5 249	127	2 704	85	2 545	172	2 881	177	1 241
Dickinson	84	2 985	77	1 688	51	617	32	1 071	68	1 001	64	296
Eaton	565	21 038	448	9 491	321	4 085	170	5 406	419	6 676	478	4 871
Emmet	161	6 385	142	2 915	102	1 586	55	1 329	139	2 197	132	1 273
Genesee	327	16 276	227	5 216	158	2 029	84	3 187	197	3 957	265	7 103
Gladwin	267	9 250	228	4 135	175	2 385	71	1 750	221	2 691	236	2 424
Gogebic	56	1 248	53	594	43	419	16	175	42	414	48	240
Grand Traverse	143	5 010	99	1 778	74	766	35	1 012	99	1 625	120	1 607
Gratiot	425	27 483	295	9 194	127	1 904	184	7 290	297	6 474	350	11 815
Hillsdale	628	30 536	435	12 998	231	2 953	231	10 045	434	9 284	494	8 254
Houghton	118	3 187	110	1 732	56	519	67	1 213	98	1 054	90	401
Huron	882	72 357	594	20 959	155	4 054	478	16 905	600	13 690	774	37 708
Ingham	481	28 245	371	12 684	199	2 603	200	10 081	377	9 972	404	5 589
Ionia	658	37 103	457	16 392	207	3 352	279	13 040	468	11 713	561	8 998
Iosco	151	8 977	126	3 755	102	2 566	32	1 189	124	2 996	134	2 226
Iron	66	2 138	63	1 252	47	898	20	354	54	575	61	311
Isabella	489	32 387	388	11 900	198	2 101	216	9 799	386	9 638	410	10 849
Jackson	568	35 121	428	13 491	291	5 235	165	8 256	418	9 578	488	12 052
Kalamazoo	374	19 440	249	5 454	182	1 850	80	3 604	241	5 732	307	8 254
Kalkaska	48	1 393	43	744	22	223	24	521	42	408	41	241
Kent	698	38 242	513	17 749	280	4 435	262	13 314	527	13 004	548	7 489
Keweenaw	4	34	4	12	3	7	3	5	4	10	3	12
Lake	71	1 916	66	985	45	477	30	508	60	588	59	343
Lapeer	709	33 427	532	12 993	283	2 428	287	10 565	520	9 806	580	10 628
Leelanau	123	5 877	83	1 565	53	542	42	1 023	84	1 327	99	2 985
Lenawee	509	30 641	273	9 649	139	1 638	147	8 011	294	8 415	438	12 577
Livingston	399	20 524	298	8 641	169	1 890	147	6 751	295	6 690	324	5 193
Luce	17	1 262	14	301	14	(D)	2	(D)	14	256	17	705
Mackinac	65	3 483	62	1 822	31	599	37	1 223	56	1 140	52	521
Macomb	281	9 927	222	4 341	134	1 085	106	3 256	195	3 588	221	1 998
Manistee	146	2 953	130	1 302	117	1 043	22	259	117	802	124	849
Marquette	70	2 038	64	1 161	47	378	29	783	50	590	58	287
Mason	210	10 016	160	4 034	75	927	98	3 107	167	3 133	169	2 849
Mecosta	389	15 436	323	7 158	192	2 073	156	5 085	318	5 095	325	3 183
Menominee	365	19 170	328	9 816	131	1 858	225	7 958	315	7 128	270	2 226
Midland	165	7 201	128	1 785	101	919	42	866	130	1 487	140	3 929
Missaukee	245	20 085	220	9 958	52	2 018	173	7 940	214	7 526	187	2 601
Monroe	246	8 518	113	1 574	58	243	61	1 331	113	1 266	198	5 678
Montcalm	548	21 006	401	10 120	172	1 432	256	8 688	408	7 081	438	3 805
Montmorency	70	3 107	58	1 612	35	526	32	1 086	59	1 018	58	477
Muskegon	248	12 239	190	4 585	103	770	105	3 815	190	4 137	195	3 517
Newaygo	439	18 652	349	9 015	174	1 530	198	7 485	351	6 550	337	3 087
Oakland	173	6 229	136	2 682	101	1 289	52	1 393	119	2 209	123	1 338
Oceana	277	11 321	194	3 997	114	1 675	92	2 322	211	3 488	221	3 836
Ogemaw	210	12 398	166	5 111	89	1 194	90	3 917	164	4 289	180	2 998
Ontonagon	107	4 069	98	2 246	61	1 461	49	785	78	1 161	92	662
Osceola	376	18 832	334	9 682	191	2 594	171	7 088	309	6 030	313	3 120
Oscoda	50	2 794	45	1 211	17	276	34	935	44	1 020	44	563
Otsego	79	3 183	72	1 570	51	954	30	616	65	891	69	722
Ottawa	749	38 489	539	17 227	257	3 562	310	13 665	549	14 103	557	7 159
Presque Isle	243	10 713	210	5 192	153	2 962	76	2 230	192	3 123	209	2 398
Roscommon	16	392	15	239	13	231	3	8	11	62	15	91
Saginaw	445	15 476	282	6 376	135	1 182	163	5 194	281	4 390	346	4 710
St Clair	567	21 851	444	9 180	262	2 724	225	6 456	434	6 100	452	6 571
St Joseph	423	18 593	306	7 065	164	2 229	170	4 836	320	5 432	370	6 096
Sanilac	1 006	69 112	790	33 010	226	2 872	622	30 138	843	24 331	769	11 771
Schoolcraft	41	2 182	36	1 052	29	892	9	160	34	655	33	475
Shiawassee	495	26 376	357	12 757	167	1 677	215	11 080	350	8 978	401	4 641
Tuscola	538	23 607	388	9 521	220	1 905	205	7 616	383	6 620	455	7 466
Van Buren	396	14 020	282	4 732	196	1 895	115	2 837	279	4 522	327	4 766
Washtenaw	527	27 934	342	10 769	192	2 370	182	8 399	357	8 885	442	8 280
Wayne	50	604	31	275	19	187	16	88	23	147	40	182
Wexford	111	3 857	92	1 862	54	441	46	1 421	87	1 218	99	777
Farms not on mail list	3 113	27 581	2 236	15 563	1 256	7 482	1 253	8 081	2 081	6 965	1 870	5 053

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)
Michigan	24 534	685 940	263 312	12 231	191 595	25 836	21 503	494 345	237 476	9 238	290 704	149 386
Alcona	172	3 738	1 192	105	1 512	358	125	2 226	834	29	312	118
Alger	61	1 357	404	41	645	111	54	712	293	10	36	21
Allegan	788	28 409	9 917	400	12 182	2 086	702	16 227	7 831	334	8 726	4 297
Alpena	242	4 944	1 676	122	1 529	249	209	3 415	1 427	60	831	377
Antrim	111	3 024	1 143	58	1 045	135	100	1 979	1 008	34	1 040	664
Arenac	178	4 473	1 545	111	1 360	140	152	3 113	1 404	52	1 476	788
Baraga	56	770	218	40	388	62	46	382	156	9	30	13
Barry	491	11 150	3 850	249	4 438	714	407	6 712	3 136	163	3 256	1 528
Bay	128	2 599	869	70	851	88	112	1 748	781	55	1 189	572
Benzie	40	1 233	627	20	103	23	37	1 130	604	18	986	545
Berrien	259	4 090	1 378	107	1 507	215	231	2 583	1 163	127	1 406	644
Branch	422	16 032	6 749	189	2 490	397	356	13 542	6 351	179	8 041	4 561
Calhoun	574	17 935	6 953	252	5 389	1 091	513	12 546	5 861	231	7 599	3 669
Cass	368	8 544	3 235	153	2 750	550	319	5 794	2 685	189	3 651	1 655
Charlevoix	152	2 462	735	79	971	149	139	1 491	585	33	267	109
Cheboygan	132	2 123	623	84	1 002	233	107	1 121	390	31	170	63
Chippewa	216	3 864	1 092	145	1 646	278	190	2 218	813	34	207	75
Clare	180	5 525	2 196	99	1 448	243	157	4 077	1 953	46	1 095	602
Clinton	583	17 651	6 880	258	4 994	510	530	12 657	6 370	283	6 572	3 359
Crawford	9	61	19	4	12	3	8	49	17	2	(D)	(D)
Delta	194	4 126	1 153	135	2 159	350	166	1 967	803	32	209	87
Dickinson	70	1 001	240	48	617	89	57	384	150	10	59	27
Eaton	511	9 389	3 123	227	3 046	357	454	6 343	2 766	203	2 842	1 313
Emmet	142	2 204	662	75	837	148	125	1 367	513	19	223	103
Genesee	277	11 977	5 781	103	1 433	178	253	10 544	5 602	149	7 950	4 452
Gladwin	254	4 228	1 443	123	1 264	175	230	2 964	1 268	66	904	453
Gogebic	46	547	146	29	239	40	40	308	106	4	8	4
Grand Traverse	127	2 370	943	50	618	130	113	1 752	813	65	864	415
Gratiot	395	18 529	8 698	199	3 166	374	359	15 363	8 324	150	11 896	6 623
Hillsdale	551	16 866	6 069	280	4 384	499	483	12 482	5 570	229	8 069	3 566
Houghton	114	1 457	329	87	752	76	91	705	253	9	24	9
Huron	881	54 561	27 534	348	5 732	776	775	48 829	26 759	417	40 377	23 083
Ingham	433	11 824	4 650	213	3 574	328	395	8 250	4 322	168	4 606	2 443
Ionia	601	15 883	5 240	304	6 046	806	513	9 837	4 434	230	4 534	2 237
Iosco	145	4 627	1 898	71	916	176	130	3 711	1 722	30	2 171	1 085
Iron	60	871	265	41	435	107	46	436	158	6	20	8
Isabella	458	19 645	8 399	253	3 898	778	399	15 747	7 620	145	10 423	5 280
Jackson	518	25 254	9 471	217	4 127	485	476	21 127	8 986	249	10 487	5 377
Kalamazoo	340	14 067	6 845	104	1 265	234	312	12 802	6 611	202	9 991	5 170
Kalkaska	41	718	248	20	211	30	30	507	218	11	71	29
Kent	650	17 895	6 448	335	6 724	875	576	11 171	5 573	243	5 275	2 575
Keweenaw	3	14	3	3	(D)	(D)	3	(D)	(D)	–	–	–
Lake	61	675	212	33	268	51	53	407	162	11	46	16
Lapeer	633	19 054	7 754	320	4 787	428	570	14 267	7 326	266	9 989	5 327
Leelanau	106	4 903	2 254	57	724	77	96	4 179	2 178	39	3 113	1 777
Lenawee	454	22 753	10 492	172	3 083	358	415	19 670	10 135	259	14 187	7 422
Livingston	363	11 422	4 379	161	3 532	306	328	7 890	4 072	144	4 661	2 409
Luce	17	951	405	8	(D)	(D)	15	(D)	(D)	6	47	24
Mackinac	59	1 262	399	43	497	95	52	765	304	9	86	37
Macomb	248	6 578	2 572	132	1 781	201	221	4 797	2 371	104	3 115	1 546
Manistee	123	1 255	455	34	193	49	115	1 062	405	37	352	172
Marquette	57	649	177	39	334	47	42	315	129	3	(D)	(D)
Mason	187	5 288	2 253	104	1 010	107	170	4 278	2 146	71	3 262	1 753
Mecosta	349	4 977	1 465	173	1 992	202	309	2 985	1 263	110	933	425
Menominee	346	7 218	1 810	245	3 919	415	301	3 299	1 395	55	658	309
Midland	147	6 537	2 983	71	715	85	130	5 822	2 898	61	5 325	2 715
Missaukee	237	7 589	2 202	173	3 713	341	209	3 876	1 862	33	410	181
Monroe	209	8 986	4 153	68	969	148	188	8 017	4 005	134	7 096	3 623
Montcalm	474	7 693	2 240	296	3 193	336	415	4 500	1 904	152	1 536	711
Montmorency	65	1 279	360	46	596	89	52	683	271	11	219	105
Muskegon	219	6 763	2 715	129	2 005	389	194	4 758	2 326	75	3 408	1 750
Newaygo	389	6 779	1 820	239	3 517	505	341	3 262	1 315	105	853	339
Oakland	148	3 364	1 145	81	974	92	134	2 390	1 053	71	1 278	611
Oceana	248	6 114	2 258	125	2 146	493	220	3 968	1 765	128	2 711	1 271
Ogemaw	204	4 733	1 519	112	1 755	240	174	2 978	1 279	51	798	389
Ontonagon	100	1 653	512	59	769	170	90	884	342	5	79	25
Osceola	354	6 487	1 685	206	3 182	364	291	3 305	1 321	69	538	241
Oscoda	49	1 249	446	34	466	101	48	783	345	8	207	108
Otsego	84	1 885	601	46	492	75	75	1 393	526	10	160	73
Ottawa	718	22 610	7 394	385	6 429	828	635	16 181	6 565	304	7 076	3 153
Presque Isle	237	4 747	1 488	150	1 783	354	195	2 964	1 135	54	931	418
Roscommon	16	152	43	9	105	26	10	47	18	2	(D)	(D)
Saginaw	393	9 343	3 387	193	3 207	301	354	6 136	3 086	182	3 230	1 681
St Clair	510	14 782	6 295	263	3 204	355	459	11 578	5 940	194	8 375	4 562
St Joseph	386	9 951	4 142	163	2 344	358	352	7 607	3 783	186	4 335	2 153
Sanilac	972	27 958	8 641	641	12 138	1 050	850	15 820	7 591	262	6 953	3 294
Schoolcraft	36	930	306	26	463	116	27	467	190	4	21	9
Shiawassee	439	10 936	3 940	218	3 407	255	403	7 529	3 685	177	3 518	1 770
Tuscola	491	10 977	4 167	240	3 244	333	442	7 733	3 834	209	4 711	2 452
Van Buren	329	9 484	3 835	149	2 374	317	297	7 110	3 518	150	5 537	2 883
Washtenaw	500	15 992	6 323	209	4 641	504	457	11 351	5 819	289	7 875	4 135
Wayne	34	395	144	15	139	37	31	256	107	24	202	88
Wexford	93	1 383	358	54	743	80	77	640	278	21	121	52
Farms not on mail list	1 477	10 167	2 698	459	2 843	440	1 146	7 324	2 258	597	4 811	1 357

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

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
Michigan	28 406	1 276 204	5 372	4 159	5 060	6 382	4 073	2 346	884	130	125 527
Alcona	175	6 608	8	27	44	52	31	11	2	–	–
Alger	62	3 132	8	4	12	20	8	6	4	–	–
Allegan	845	46 410	115	127	126	183	157	91	42	4	2 692
Alpena	251	9 184	17	38	58	77	42	17	2	–	–
Antrim	112	7 278	10	9	30	24	15	15	8	1	(D)
Arenac	194	9 467	22	32	38	48	22	26	5	1	(D)
Baraga	62	1 907	9	13	13	15	7	5	–	–	–
Barry	552	26 169	81	89	117	118	77	43	25	2	(D)
Bay	164	4 882	36	30	38	34	16	5	5	–	–
Benzie	51	1 506	6	15	12	10	4	3	1	–	–
Berrien	310	8 575	65	66	52	69	44	12	1	1	(D)
Branch	490	22 264	79	55	116	132	59	30	15	4	3 808
Calhoun	619	29 821	90	96	115	147	90	56	21	4	2 723
Cass	419	15 894	70	68	94	94	50	32	10	1	(D)
Charlevoix	158	5 915	16	28	34	46	20	11	3	–	–
Cheboygan	148	5 719	14	26	33	45	18	7	5	–	–
Chippewa	234	8 381	23	34	62	51	48	14	2	–	–
Clare	194	11 112	18	26	38	53	31	18	8	2	(D)
Clinton	644	36 574	86	95	109	121	127	61	42	3	2 117
Crawford	10	109	2	4	2	2	–	–	–	–	–
Delta	212	9 371	16	19	47	75	30	18	7	–	–
Dickinson	84	2 985	12	12	11	28	16	5	–	–	–
Eaton	565	21 038	76	89	126	139	84	46	4	1	(D)
Emmet	161	6 385	9	36	36	44	25	8	2	1	(D)
Genesee	327	16 276	67	67	62	59	32	23	13	4	4 190
Gladwin	267	9 250	16	43	66	77	54	8	3	–	–
Gogebic	56	1 248	9	13	19	11	1	3	–	–	–
Grand Traverse	143	5 010	24	25	28	32	23	8	3	–	–
Gratiot	425	27 483	55	45	73	107	68	56	13	8	7 218
Hillsdale	628	30 536	132	96	122	122	77	46	29	4	3 807
Houghton	118	3 187	8	24	26	44	13	3	–	–	–
Huron	882	72 357	47	72	110	265	194	134	49	11	17 322
Ingham	481	28 245	63	82	68	103	75	57	30	3	2 056
Ionia	658	37 103	67	82	105	144	142	87	29	2	(D)
Iosco	151	8 977	14	21	33	46	17	14	5	1	(D)
Iron	66	2 138	5	7	20	21	9	4	–	–	–
Isabella	489	32 387	47	50	89	128	71	66	32	6	4 210
Jackson	568	35 121	99	86	117	118	72	47	20	9	11 617
Kalamazoo	374	19 440	78	59	81	68	31	30	22	5	3 663
Kalkaska	48	1 393	7	4	12	14	9	2	–	–	–
Kent	698	38 242	91	91	126	170	110	74	31	5	3 100
Keweenaw	4	34	–	2	2	–	–	–	–	–	–
Lake	71	1 916	7	13	25	15	7	4	–	–	–
Lapeer	709	33 427	110	110	125	178	97	65	20	4	4 214
Leelanau	123	5 877	16	17	19	40	22	6	2	1	(D)
Lenawee	509	30 641	98	97	89	79	55	50	35	6	4 632
Livingston	399	20 524	72	56	63	80	65	46	15	2	(D)
Luce	17	1 262	1	–	4	5	2	2	3	–	–
Mackinac	65	3 483	7	4	15	7	24	6	2	–	–
Macomb	281	9 927	53	46	57	71	35	17	1	1	(D)
Manistee	146	2 953	24	33	35	43	7	4	–	–	–
Marquette	70	2 038	8	16	18	17	6	4	1	–	–
Mason	210	10 016	20	37	39	56	30	20	6	2	(D)
Mecosta	369	15 436	49	47	83	104	63	37	6	–	–
Menominee	365	19 170	20	39	63	106	83	39	15	–	–
Midland	165	7 201	39	30	35	38	14	5	2	2	(D)
Missaukee	245	20 085	14	19	28	50	73	44	16	1	(D)
Monroe	246	8 518	77	47	38	36	27	10	11	–	–
Montcalm	548	21 006	90	81	108	126	91	38	14	–	–
Montmorency	70	3 107	12	6	10	20	15	4	3	–	–
Muskegon	248	12 239	41	42	45	55	33	21	10	1	(D)
Newaygo	439	18 652	66	67	83	93	74	46	10	–	–
Oakland	173	6 229	40	32	28	40	19	10	3	1	(D)
Oceana	277	11 321	44	37	56	72	42	17	9	–	–
Ogemaw	210	12 398	20	15	36	72	25	26	16	–	–
Ontonagon	107	4 069	5	18	23	33	21	6	1	–	–
Osceola	376	18 832	32	41	73	103	78	31	18	–	–
Oscoda	50	2 794	4	4	6	19	8	6	3	–	–
Otsego	79	3 183	5	2	15	40	12	3	2	–	–
Ottawa	749	38 489	96	111	127	171	122	98	20	4	3 918
Presque Isle	243	10 713	13	27	40	97	43	16	7	–	–
Roscommon	16	392	1	4	3	5	3	–	–	–	–
Saginaw	445	15 476	90	74	76	113	58	26	8	–	–
St Clair	567	21 851	80	97	98	163	82	36	8	3	2 565
St Joseph	423	18 593	67	60	69	121	64	24	16	2	(D)
Sanilac	1 006	69 112	65	76	124	270	234	181	50	6	4 286
Schoolcraft	41	2 182	6	3	3	15	6	6	2	–	–
Shiawassee	495	26 376	97	68	78	108	72	55	12	5	5 589
Tuscola	538	23 607	73	83	110	134	75	49	12	2	(D)
Van Buren	396	14 020	93	87	58	94	34	22	6	2	(D)
Washtenaw	527	27 934	77	72	85	115	94	59	23	2	(D)
Wayne	50	604	26	9	7	4	4	–	–	–	–
Wexford	111	3 857	16	21	20	29	17	5	3	–	–
Farms not on mail list	3 113	27 581	1 881	504	421	189	118	–	–	–	–

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
Michigan	21 236	532 837	6 246	3 135	3 580	4 956	2 429	773	106	11	8 100
Alcona	152	3 234	31	26	38	45	7	5	–	–	–
Alger	50	1 490	9	8	10	12	7	3	1	–	–
Allegan	581	18 688	141	77	70	148	113	29	3	–	–
Alpena	208	4 395	45	43	47	48	20	5	–	–	–
Antrim	96	3 066	13	25	18	16	15	9	–	–	–
Arenac	142	3 948	34	27	18	35	21	6	1	–	–
Baraga	58	976	19	12	11	12	4	–	–	–	–
Barry	414	11 343	109	70	76	84	51	20	3	1	(D)
Bay	124	2 005	41	34	19	21	5	4	–	–	–
Benzie	43	522	15	13	6	7	2	–	–	–	–
Berrien	215	3 824	78	34	31	55	15	1	1	–	–
Branch	364	8 002	84	71	79	88	29	12	1	–	–
Calhoun	469	11 513	117	70	97	115	47	21	2	–	–
Cass	308	6 995	89	59	51	66	30	11	2	–	–
Charlevoix	142	2 672	45	26	25	30	13	3	–	–	–
Cheboygan	126	3 074	25	32	20	31	12	6	–	–	–
Chippewa	206	4 026	48	42	38	62	13	3	–	–	–
Clare	157	4 778	34	20	34	43	18	4	4	–	–
Clinton	421	15 129	103	39	56	114	68	38	3	–	–
Crawford	8	39	5	1	2	–	–	–	–	–	–
Delta	193	5 249	35	26	48	55	20	8	1	–	–
Dickinson	77	1 688	17	10	13	29	7	1	–	–	–
Eaton	448	9 491	117	90	76	112	44	8	1	–	–
Emmet	142	2 915	40	31	20	38	10	2	1	–	–
Genesee	227	5 216	84	49	28	33	21	10	1	1	(D)
Gladwin	228	4 135	52	50	55	57	11	2	1	–	–
Gogebic	53	594	21	12	13	5	1	1	–	–	–
Grand Traverse	99	1 778	31	20	18	22	5	3	–	–	–
Gratiot	295	9 194	62	40	47	83	47	14	2	–	–
Hillsdale	435	12 998	132	65	75	83	45	26	9	–	–
Houghton	110	1 732	25	25	30	25	5	–	–	–	–
Huron	594	20 959	44	49	147	216	101	30	7	–	–
Ingham	371	12 684	97	44	52	89	52	33	4	–	–
Ionia	457	16 392	79	53	60	145	94	22	4	–	–
Iosco	126	3 755	25	21	28	33	13	5	–	1	(D)
Iron	63	1 252	8	17	20	10	6	2	–	–	–
Isabella	388	11 900	81	57	64	96	70	19	1	–	–
Jackson	428	13 491	134	69	62	91	47	18	4	3	2 130
Kalamazoo	249	5 454	80	51	48	34	22	13	1	–	–
Kalkaska	43	744	11	8	11	10	2	1	–	–	–
Kent	513	17 749	104	78	73	149	72	27	8	2	(D)
Keweenaw	4	12	3	1	–	–	–	–	–	–	–
Lake	66	985	14	22	14	12	4	–	–	–	–
Lapeer	532	12 993	147	75	92	130	70	18	–	–	–
Leelanau	83	1 565	18	13	21	24	7	–	–	–	–
Lenawee	273	9 649	81	35	32	53	43	26	3	–	–
Livingston	298	8 641	70	58	40	70	42	16	2	–	–
Luce	14	301	–	5	3	5	1	–	–	–	–
Mackinac	62	1 822	9	10	8	24	9	1	1	–	–
Macomb	222	4 341	69	42	35	51	22	2	1	–	–
Manistee	130	1 302	52	33	25	17	3	–	–	–	–
Marquette	64	1 161	17	13	15	15	2	2	–	–	–
Mason	160	4 034	36	30	30	40	18	5	1	–	–
Mecosta	323	7 158	80	56	72	75	35	5	–	–	–
Menominee	328	9 816	52	31	73	118	39	14	1	–	–
Midland	128	1 785	46	27	27	20	8	–	–	–	–
Missaukee	220	9 958	29	18	21	88	45	14	4	1	(D)
Monroe	113	1 574	57	18	12	19	6	–	1	–	–
Montcalm	401	10 120	109	52	67	111	46	16	–	–	–
Montmorency	58	1 612	9	11	11	19	4	4	–	–	–
Muskegon	190	4 585	57	32	25	47	24	4	1	–	–
Newaygo	349	9 015	88	47	61	93	49	11	–	–	–
Oakland	136	2 682	49	26	20	28	10	2	1	–	–
Oceana	194	3 997	60	30	43	40	17	2	2	–	–
Ogemaw	166	5 111	23	23	38	47	22	13	–	–	–
Ontonagon	98	2 246	20	15	25	25	11	1	1	–	–
Osceola	334	9 682	62	53	62	97	40	19	1	–	–
Oscoda	45	1 211	7	4	13	15	3	3	–	–	–
Otsego	72	1 570	12	10	23	21	4	1	1	–	–
Ottawa	539	17 227	112	71	74	153	103	22	4	–	–
Presque Isle	210	5 192	28	34	53	74	14	6	1	–	–
Roscommon	15	239	5	2	5	2	1	–	–	–	–
Saginaw	282	6 376	82	40	42	79	36	3	–	–	–
St Clair	444	9 180	122	76	81	120	36	7	2	–	–
St Joseph	306	7 065	71	53	72	75	22	12	1	–	–
Sanilac	790	33 010	81	49	113	290	198	52	7	–	–
Schoolcraft	36	1 052	8	4	7	9	5	3	–	–	–
Shiawassee	357	12 757	86	53	44	89	63	18	2	2	(D)
Tuscola	388	9 521	96	76	71	82	47	15	1	–	–
Van Buren	282	4 732	108	55	46	48	18	7	–	–	–
Washtenaw	342	10 769	82	38	53	95	52	21	1	–	–
Wayne	31	275	21	2	2	5	1	–	–	–	–
Wexford	92	1 862	26	16	17	25	5	3	–	–	–
Farms not on mail list	2 236	15 563	1 678	182	258	59	59	–	–	–	–

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
Michigan	11 831	146 757	4 607	2 851	2 498	1 441	301	98	29	6	4 329
Alcona	130	2 371	34	22	37	28	6	3	–	–	–
Alger	28	675	9	9	3	3	1	2	1	–	–
Allegan	261	3 141	109	68	50	24	7	2	1	–	–
Alpena	131	1 700	33	32	36	27	1	2	–	–	–
Antrim	60	1 242	8	24	15	5	4	4	–	–	–
Arenac	65	605	29	22	7	6	–	1	–	–	–
Baraga	34	516	17	5	4	5	3	–	–	–	–
Barry	263	3 143	95	67	54	36	10	1	–	–	–
Bay	73	524	36	29	4	2	1	1	–	–	–
Benzie	36	391	11	13	5	6	1	–	–	–	–
Berrien	146	1 608	58	32	28	25	3	–	–	–	–
Branch	211	2 352	66	53	56	31	5	–	–	–	–
Calhoun	321	4 236	104	70	70	65	10	2	–	–	–
Cass	227	3 959	77	52	43	40	7	6	2	–	–
Charlevoix	95	1 014	35	23	20	15	2	–	–	–	–
Cheboygan	103	1 664	27	27	17	27	4	1	–	–	–
Chippewa	124	1 616	41	38	18	23	3	1	–	–	–
Clare	102	2 134	31	20	24	20	4	1	2	–	–
Clinton	170	1 811	81	31	36	19	2	–	1	–	–
Crawford	8	38	5	1	2	–	–	–	–	–	–
Delta	127	2 704	32	20	36	27	7	4	1	–	–
Dickinson	51	617	19	10	11	9	2	–	–	–	–
Eaton	321	4 085	108	86	60	56	9	2	–	–	–
Emmet	102	1 586	34	29	15	20	3	–	1	–	–
Genesee	158	2 029	68	44	25	14	2	4	1	–	–
Gladwin	175	2 385	50	45	45	30	3	1	1	–	–
Gogebic	43	419	20	12	9	–	1	1	–	–	–
Grand Traverse	74	766	25	21	14	13	1	–	–	–	–
Gratiot	127	1 904	44	34	23	18	4	4	–	–	–
Hillsdale	231	2 953	94	53	50	23	6	5	–	–	–
Houghton	56	519	24	13	13	6	–	–	–	–	–
Huron	155	4 054	36	31	40	28	7	9	4	–	–
Ingham	199	2 603	82	44	41	21	8	3	–	–	–
Ionia	207	3 352	64	48	44	36	12	3	–	–	–
Iosco	102	2 566	25	17	26	26	6	1	–	1	(D)
Iron	47	898	7	15	13	6	4	2	–	–	–
Isabella	198	2 101	77	48	43	26	4	–	–	–	–
Jackson	291	5 235	109	68	56	46	7	2	1	2	(D)
Kalamazoo	182	1 850	73	48	41	15	4	1	–	–	–
Kalkaska	22	223	5	6	9	2	–	–	–	–	–
Kent	280	4 435	101	71	56	35	11	4	–	2	(D)
Keweenaw	3	7	2	1	–	–	–	–	–	–	–
Lake	45	477	13	18	10	2	2	–	–	–	–
Lapeer	283	2 428	129	64	67	18	5	–	–	–	–
Leelanau	53	542	17	13	16	6	1	–	–	–	–
Lenawee	139	1 638	66	33	21	12	6	–	1	–	–
Livingston	169	1 890	58	52	33	20	5	1	–	–	–
Luce	14	296	–	6	2	5	1	–	–	–	–
Mackinac	31	599	10	5	7	7	1	–	1	–	–
Macomb	134	1 085	64	39	17	12	2	–	–	–	–
Manistee	117	1 043	50	30	25	9	3	–	–	–	–
Marquette	47	378	20	13	10	4	–	–	–	–	–
Mason	75	927	31	23	13	5	1	1	1	–	–
Mecosta	192	2 073	72	46	51	20	3	–	–	–	–
Menominee	131	1 858	55	25	28	17	3	2	1	–	–
Midland	101	919	42	27	22	8	2	–	–	–	–
Missaukee	52	2 018	16	18	7	7	1	1	1	1	(D)
Monroe	58	243	41	11	6	–	–	–	–	–	–
Montcalm	172	1 432	79	43	36	13	1	–	–	–	–
Montmorency	35	526	5	11	9	9	1	–	–	–	–
Muskegon	103	770	49	28	21	4	1	–	–	–	–
Newaygo	174	1 530	76	48	31	17	2	–	–	–	–
Oakland	101	1 289	44	23	18	13	2	–	1	–	–
Oceana	114	1 675	45	24	26	12	5	–	2	–	–
Ogemaw	89	1 194	19	20	33	14	3	–	–	–	–
Ontonagon	61	1 461	14	12	11	15	7	1	1	–	–
Osceola	191	2 594	63	45	42	31	9	1	–	–	–
Oscoda	17	276	6	4	3	3	–	1	–	–	–
Otsego	51	954	9	12	16	10	3	–	1	–	–
Ottawa	257	3 562	101	65	46	30	11	3	1	–	–
Presque Isle	153	2 962	28	32	38	46	6	2	1	–	–
Roscommon	13	231	3	2	5	2	1	–	–	–	–
Saginaw	135	1 182	66	36	15	15	3	–	–	–	–
St Clair	262	2 724	104	75	56	17	8	2	–	–	–
St Joseph	164	2 229	45	34	41	39	5	–	–	–	–
Sanilac	226	2 872	77	43	60	39	5	2	–	–	–
Schoolcraft	29	892	6	4	6	6	4	3	–	–	–
Shiawassee	167	1 677	67	49	31	14	5	–	1	–	–
Tuscola	220	1 905	87	67	48	15	2	1	–	–	–
Van Buren	196	1 895	89	50	34	19	2	2	–	–	–
Washtenaw	192	2 370	67	44	43	32	4	2	–	–	–
Wayne	19	187	11	1	3	4	–	–	–	–	–
Wexford	54	441	25	13	10	6	–	–	–	–	–
Farms not on mail list	1 256	7 482	733	241	282	–	–	–	–	–	–

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)
Michigan	11 120	386 080	3 444	1 240	3 598	2 098	661	75	4	3 062	8 405	436 006
Alcona	35	863	10	6	16	2	1	–	–	–	27	967
Alger	28	815	5	6	10	7	–	–	–	–	26	947
Allegan	362	15 547	77	25	127	106	25	2	–	–	303	18 451
Alpena	94	2 695	41	10	21	19	3	–	–	–	70	3 102
Antrim	41	1 824	10	5	11	10	5	–	–	–	30	2 157
Arenac	90	3 343	19	12	32	21	5	1	–	–	77	3 174
Baraga	30	460	15	8	6	1	–	–	–	–	23	419
Barry	178	8 200	44	20	50	41	19	3	1	(D)	149	10 010
Bay	54	1 481	13	15	19	4	3	–	–	–	47	1 465
Benzie	9	131	6	1	1	1	–	–	–	–	4	(D)
Berrien	75	2 216	27	6	29	11	1	1	–	–	53	2 701
Branch	180	5 650	58	30	57	22	12	1	–	–	147	5 814
Calhoun	185	7 277	47	29	52	38	17	2	–	–	154	8 257
Cass	103	3 036	41	9	25	23	5	–	–	–	69	3 124
Charlevoix	69	1 658	37	3	15	11	3	–	–	–	39	1 765
Cheboygan	38	1 410	15	4	7	7	5	–	–	–	26	1 502
Chippewa	104	2 410	31	18	44	10	1	–	–	–	86	2 543
Clare	70	2 644	17	8	29	11	3	2	–	–	60	3 010
Clinton	262	13 318	39	22	96	65	38	2	–	–	237	16 973
Crawford	1	(D)	1	–	–	–	–	–	–	–	–	–
Delta	85	2 545	23	16	31	11	4	–	–	–	73	2 557
Dickinson	32	1 071	3	3	21	4	1	–	–	–	30	1 101
Eaton	170	5 406	49	21	63	30	6	1	–	–	132	5 926
Emmet	55	1 329	23	5	18	7	2	–	–	–	35	1 600
Genesee	84	3 187	35	2	21	19	6	–	1	(D)	54	3 195
Gladwin	71	1 750	26	9	27	8	1	–	–	–	51	1 739
Gogebic	16	175	7	4	5	–	–	–	–	–	12	182
Grand Traverse	35	1 012	14	3	12	4	2	–	–	–	25	1 205
Gratiot	184	7 290	34	30	67	41	10	2	–	–	158	8 386
Hillsdale	231	10 045	72	30	60	39	22	8	–	–	182	12 091
Houghton	67	1 213	26	17	19	5	–	–	–	–	60	1 167
Huron	478	16 905	58	112	192	92	23	1	–	–	462	18 944
Ingham	200	10 081	40	14	68	43	32	3	–	–	171	11 912
Ionia	279	13 040	37	20	116	84	19	3	–	–	249	14 825
Iosco	32	1 189	8	5	10	6	3	–	–	–	26	1 335
Iron	20	354	6	8	4	2	–	–	–	–	15	223
Isabella	216	9 799	37	22	72	65	19	1	–	–	197	11 485
Jackson	165	8 256	52	7	46	39	16	4	1	(D)	123	9 621
Kalamazoo	80	3 604	24	7	18	18	12	1	–	–	63	4 301
Kalkaska	24	521	10	3	8	2	1	–	–	–	17	397
Kent	262	13 314	34	22	116	59	23	8	–	–	242	15 625
Keweenaw	3	5	3	–	–	–	–	–	–	–	–	–
Lake	30	508	14	5	9	2	–	–	–	–	17	494
Lapeer	287	10 565	67	25	112	65	18	–	–	–	235	11 880
Leelanau	42	1 023	14	6	16	6	–	–	–	–	31	1 040
Lenawee	147	8 011	29	11	42	37	26	2	–	–	128	9 678
Livingston	147	6 751	35	7	51	38	14	2	–	–	122	7 936
Luce	2	(D)	2	–	–	–	–	–	–	–	–	–
Mackinac	37	1 223	10	1	17	8	1	–	–	–	31	1 447
Macomb	106	3 256	28	18	38	19	2	1	–	–	81	3 457
Manistee	22	259	14	–	8	–	–	–	–	–	13	165
Marquette	29	783	11	3	12	1	2	–	–	–	22	761
Mason	98	3 107	25	16	37	16	4	–	–	–	84	3 273
Mecosta	156	5 085	40	25	55	31	5	–	–	–	129	5 520
Menominee	225	7 958	31	46	100	36	12	–	–	–	207	8 438
Midland	42	866	22	2	12	6	–	–	–	–	25	895
Missaukee	173	7 940	19	13	81	44	13	3	–	–	157	9 916
Monroe	61	1 331	29	6	19	6	–	1	–	–	38	1 255
Montcalm	256	8 688	62	35	98	46	15	–	–	–	215	9 421
Montmorency	32	1 086	10	3	13	2	4	–	–	–	23	1 195
Muskegon	105	3 815	28	5	43	25	3	1	–	–	83	4 550
Newaygo	198	7 485	36	27	77	47	11	–	–	–	170	8 616
Oakland	52	1 393	23	3	17	8	1	–	–	–	35	1 507
Oceana	92	2 322	32	18	28	12	2	–	–	–	70	2 567
Ogemaw	90	3 917	17	7	35	19	12	–	–	–	78	4 232
Ontonagon	49	785	20	15	11	3	–	–	–	–	35	696
Osceola	171	7 088	32	24	64	34	16	1	–	–	150	8 062
Oscoda	34	935	7	10	12	3	2	–	–	–	29	1 003
Otsego	30	616	10	7	11	1	1	–	–	–	21	510
Ottawa	310	13 665	42	28	127	93	17	3	–	–	278	16 585
Presque Isle	76	2 230	15	24	26	7	4	–	–	–	64	2 096
Roscommon	3	8	3	–	–	–	–	–	–	–	–	–
Saginaw	163	5 194	39	25	63	33	3	–	–	–	134	5 825
St Clair	225	6 456	61	29	102	26	5	2	–	–	179	7 019
St Joseph	170	4 836	66	36	38	18	11	1	–	–	144	5 204
Sanilac	622	30 138	55	61	260	188	51	7	–	–	596	35 348
Schoolcraft	9	160	4	1	3	1	–	–	–	–	5	143
Shiawassee	215	11 080	47	12	77	58	17	3	1	(D)	189	13 272
Tuscola	205	7 616	52	25	69	44	14	1	–	–	164	8 518
Van Buren	115	2 837	50	11	35	14	5	–	–	–	79	3 042
Washtenaw	182	8 399	42	11	61	48	19	1	–	–	149	9 899
Wayne	16	88	15	–	–	1	–	–	–	–	1	(D)
Wexford	46	1 421	12	7	19	5	3	–	–	–	37	1 508
Farms not on mail list	1 253	8 081	1 100	35	59	59	–	–	–	–	153	4 621

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

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
Michigan	24 534	685 940	263 312	11 317	5 396	5 296	1 576	566	254	129	151 679
Alcona	172	3 738	1 192	72	42	43	8	7	–	–	–
Alger	61	1 357	404	24	15	14	6	2	–	–	–
Allegan	788	28 409	9 917	283	170	210	79	23	18	5	5 396
Alpena	242	4 944	1 676	96	68	57	15	5	1	–	–
Antrim	111	3 024	1 143	47	21	30	6	5	2	–	–
Arenac	178	4 473	1 545	80	46	30	13	6	3	–	–
Baraga	56	770	218	34	9	10	3	–	–	–	–
Barry	491	11 150	3 850	233	109	90	45	7	6	1	(D)
Bay	128	2 599	869	63	33	18	10	3	1	–	–
Benzie	40	1 233	627	24	9	2	2	–	3	–	–
Berrien	259	4 090	1 378	142	60	47	6	1	3	–	–
Branch	422	16 032	6 749	196	98	86	29	4	2	7	8 435
Calhoun	574	17 935	6 953	259	132	120	34	15	9	5	4 608
Cass	368	8 544	3 235	186	72	77	17	13	2	1	(D)
Charlevoix	152	2 462	735	81	33	28	7	3	–	–	–
Cheboygan	132	2 123	623	60	36	29	5	2	–	–	–
Chippewa	216	3 864	1 092	88	60	55	10	3	–	–	–
Clare	180	5 525	2 196	75	43	39	10	8	4	1	(D)
Clinton	583	17 651	6 880	236	115	151	51	15	14	1	(D)
Crawford	9	61	19	6	3	–	–	–	–	–	–
Delta	194	4 126	1 153	77	54	40	19	3	1	–	–
Dickinson	70	1 001	240	35	20	11	4	–	–	–	–
Eaton	511	9 389	3 123	264	102	116	20	6	2	1	(D)
Emmet	142	2 204	662	75	35	22	8	2	–	–	–
Genesee	277	11 977	5 781	152	42	41	22	10	5	5	5 183
Gladwin	254	4 228	1 443	118	70	54	9	2	1	–	–
Gogebic	46	547	146	26	14	4	1	1	–	–	–
Grand Traverse	127	2 370	943	61	27	27	10	2	–	–	–
Gratiot	395	18 529	8 698	142	91	103	29	18	7	5	7 150
Hillsdale	551	16 866	6 069	271	116	100	40	16	4	4	5 687
Houghton	114	1 457	329	59	26	27	2	–	–	–	–
Huron	881	54 561	27 534	271	213	254	76	34	19	14	27 455
Ingham	433	11 824	4 650	188	78	114	36	12	2	3	2 232
Ionia	601	15 883	5 240	212	153	160	46	21	9	–	–
Iosco	145	4 627	1 898	66	32	34	9	3	–	1	(D)
Iron	60	871	265	28	21	9	1	1	–	–	–
Isabella	458	19 645	8 399	174	105	108	41	13	10	7	6 058
Jackson	518	25 254	9 471	265	92	89	37	19	11	5	11 859
Kalamazoo	340	14 067	6 845	184	59	43	24	10	13	7	4 654
Kalkaska	41	718	248	19	11	10	–	1	–	–	–
Kent	650	17 895	6 448	296	128	135	54	30	4	3	2 100
Keweenaw	3	14	3	2	1	–	–	–	–	–	–
Lake	61	675	212	34	19	6	2	–	–	–	–
Lapeer	633	19 054	7 754	282	139	144	44	17	3	4	5 610
Leelanau	106	4 903	2 254	36	29	22	15	1	2	1	(D)
Lenawee	454	22 753	10 492	200	81	92	32	24	16	9	6 646
Livingston	363	11 422	4 379	164	71	80	24	17	4	3	2 535
Luce	17	951	405	9	1	2	1	2	2	–	–
Mackinac	59	1 262	399	19	18	17	4	1	–	–	–
Macomb	248	6 578	2 572	114	57	62	11	1	2	1	(D)
Manistee	123	1 255	455	76	31	13	3	–	–	–	–
Marquette	57	649	177	36	13	7	1	–	–	–	–
Mason	187	5 288	2 253	86	47	36	9	4	3	2	(D)
Mecosta	349	4 977	1 465	186	91	53	17	1	1	–	–
Menominee	346	7 218	1 810	127	83	109	17	9	1	–	–
Midland	147	6 537	2 983	95	18	22	7	–	2	3	4 150
Missaukee	237	7 589	2 202	64	55	81	25	10	1	1	(D)
Monroe	209	8 986	4 153	103	34	37	17	5	9	4	2 617
Montcalm	474	7 693	2 240	226	111	108	27	2	–	–	–
Montmorency	65	1 279	360	28	15	17	3	2	–	–	–
Muskegon	219	6 763	2 715	102	48	49	11	2	5	2	(D)
Newaygo	389	6 779	1 820	187	100	81	17	3	–	1	(D)
Oakland	148	3 364	1 145	76	34	23	9	4	2	–	–
Oceana	248	6 114	2 258	112	50	54	20	11	–	1	(D)
Ogemaw	204	4 733	1 519	81	49	53	16	4	1	–	–
Ontonagon	100	1 653	512	43	32	19	5	1	–	–	–
Osceola	354	6 487	1 685	165	80	79	26	3	1	–	–
Oscoda	49	1 249	446	17	12	13	6	–	1	–	–
Otsego	84	1 885	601	23	29	26	4	2	–	–	–
Ottawa	718	22 610	7 394	291	172	170	65	10	5	5	7 226
Presque Isle	237	4 747	1 488	88	69	63	10	6	1	–	–
Roscommon	16	152	43	10	3	3	–	–	–	–	–
Saginaw	393	9 343	3 387	185	84	90	21	6	5	2	(D)
St Clair	510	14 782	6 295	258	104	112	24	6	3	3	5 744
St Joseph	386	9 951	4 142	194	67	81	22	15	6	1	(D)
Sanilac	972	27 958	8 641	293	232	324	90	26	4	3	2 811
Schoolcraft	36	930	306	15	6	8	5	2	–	–	–
Shiawassee	439	10 936	3 940	196	93	114	26	5	3	2	(D)
Tuscola	491	10 977	4 167	228	113	108	26	10	5	1	(D)
Van Buren	329	9 484	3 835	176	69	54	18	6	4	2	(D)
Washtenaw	500	15 992	6 323	182	98	143	48	21	6	2	(D)
Wayne	34	395	144	20	7	6	1	–	–	–	–
Wexford	93	1 383	358	49	21	19	3	1	–	–	–
Farms not on mail list	1 477	10 167	2 698	1 171	247	59	–	–	–	–	–

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
Michigan	12 231	191 595	25 836	6 303	3 062	2 315	404	88	46	13	10 271
Alcona	105	1 512	358	53	27	20	5	–	–	–	–
Alger	41	645	111	20	9	9	3	–	–	–	–
Allegan	400	12 182	2 086	153	110	107	19	1	7	3	3 675
Alpena	122	1 529	249	72	22	24	2	2	–	–	–
Antrim	58	1 045	135	24	12	18	3	1	–	–	–
Arenac	111	1 360	140	67	25	17	1	–	1	–	–
Baraga	40	388	62	25	9	6	–	–	–	–	–
Barry	249	4 438	714	135	53	48	7	2	4	–	–
Bay	70	851	88	34	19	15	2	–	–	–	–
Benzie	20	103	23	17	2	1	–	–	–	–	–
Berrien	107	1 507	215	67	23	13	2	1	1	–	–
Branch	189	2 490	397	102	48	30	8	1	–	–	–
Calhoun	252	5 389	1 091	131	73	33	10	3	–	2	(D)
Cass	153	2 750	550	91	31	22	7	1	–	1	(D)
Charlevoix	79	971	149	44	20	12	3	–	–	–	–
Cheboygan	84	1 002	233	54	16	11	3	–	–	–	–
Chippewa	145	1 646	278	84	34	23	4	–	–	–	–
Clare	99	1 448	243	55	28	12	3	–	1	–	–
Clinton	258	4 994	510	114	50	67	23	4	–	–	–
Crawford	4	(D)	(D)	4	–	–	–	–	–	–	–
Delta	135	2 159	350	63	44	22	4	1	1	–	–
Dickinson	48	617	89	25	13	8	2	–	–	–	–
Eaton	227	3 046	357	124	60	38	4	–	–	1	(D)
Emmet	75	837	148	46	18	10	–	1	–	–	–
Genesee	103	1 433	178	65	15	17	6	–	–	–	–
Gladwin	123	1 264	175	80	22	19	2	–	–	–	–
Gogebic	29	239	40	21	7	–	1	–	–	–	–
Grand Traverse	50	618	130	27	12	9	2	–	–	–	–
Gratiot	199	3 166	374	90	54	43	10	2	–	–	–
Hillsdale	280	4 384	499	155	59	48	14	3	1	–	–
Houghton	87	752	76	54	25	8	–	–	–	–	–
Huron	348	5 732	776	166	95	74	8	2	2	1	(D)
Ingham	213	3 574	328	97	57	44	12	3	–	–	–
Ionia	304	6 046	806	123	88	72	16	1	4	–	–
Iosco	71	916	176	38	16	15	2	–	–	–	–
Iron	41	435	107	23	13	5	–	–	–	–	–
Isabella	253	3 898	778	127	72	48	3	1	2	–	–
Jackson	217	4 127	485	117	45	37	11	5	2	–	–
Kalamazoo	104	1 265	234	57	23	21	3	–	–	–	–
Kalkaska	20	211	30	12	5	3	–	–	–	–	–
Kent	335	6 724	875	162	86	64	15	4	3	1	(D)
Keweenaw	3	5	(Z)	3	–	–	–	–	–	–	–
Lake	33	268	51	23	7	3	–	–	–	–	–
Lapeer	320	4 787	428	149	79	79	10	3	–	–	–
Leelanau	57	724	77	32	13	11	1	–	–	–	–
Lenawee	172	3 083	358	86	40	32	8	6	–	–	–
Livingston	161	3 532	306	65	39	41	13	2	–	1	(D)
Luce	8	(D)	(D)	6	–	1	–	1	–	–	–
Mackinac	43	497	95	26	10	6	–	1	–	–	–
Macomb	132	1 781	201	51	51	28	2	–	–	–	–
Manistee	34	193	49	27	6	1	–	–	–	–	–
Marquette	39	334	47	28	7	4	–	–	–	–	–
Mason	104	1 010	107	65	28	10	1	–	–	–	–
Mecosta	173	1 992	202	109	38	21	4	–	1	–	–
Menominee	245	3 919	415	104	76	57	4	3	1	–	–
Midland	71	715	85	50	8	11	2	–	–	–	–
Missaukee	173	3 713	341	58	44	60	4	6	1	–	–
Monroe	68	969	148	37	17	11	2	–	1	–	–
Montcalm	296	3 193	336	169	80	38	9	–	–	–	–
Montmorency	46	596	89	22	13	10	1	–	–	–	–
Muskegon	129	2 005	389	76	27	20	4	–	2	–	–
Newaygo	239	3 517	505	131	59	40	7	1	–	1	(D)
Oakland	81	974	92	43	26	10	1	1	–	–	–
Oceana	125	2 146	493	73	28	18	4	1	–	1	(D)
Ogemaw	112	1 755	240	52	32	20	7	1	–	–	–
Ontonagon	59	769	170	32	16	9	2	–	–	–	–
Osceola	206	3 182	364	116	33	49	5	2	1	–	–
Oscoda	34	466	101	17	12	4	–	1	–	–	–
Otsego	46	492	75	19	22	5	–	–	–	–	–
Ottawa	385	6 429	828	174	100	98	11	–	1	1	(D)
Presque Isle	150	1 783	354	89	29	29	3	–	–	–	–
Roscommon	9	105	26	4	3	2	–	–	–	–	–
Saginaw	193	3 207	301	94	58	34	2	2	3	–	–
St Clair	263	3 204	355	140	69	49	4	1	–	–	–
St Joseph	163	2 344	358	93	31	31	6	2	–	–	–
Sanilac	641	12 138	1 050	226	194	180	33	7	1	–	–
Schoolcraft	26	463	116	13	5	5	3	–	–	–	–
Shiawassee	218	3 407	255	99	56	56	6	–	1	–	–
Tuscola	240	3 244	333	146	46	38	6	3	1	–	–
Van Buren	149	2 374	317	85	33	23	4	3	1	–	–
Washtenaw	209	4 641	504	74	55	63	14	1	2	–	–
Wayne	15	139	37	10	2	3	–	–	–	–	–
Wexford	54	743	80	28	12	12	1	1	–	–	–
Farms not on mail list	459	2 843	440	341	118	–	–	–	–	–	–

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

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
Michigan	21 503	494 345	237 476	12 633	4 376	3 038	790	352	205	109	136 524
Alcona	125	2 226	834	64	34	19	2	6	–	–	–
Alger	54	712	293	31	11	9	3	–	–	–	–
Allegan	702	16 227	7 831	338	179	120	34	17	13	1	(D)
Alpena	209	3 415	1 427	104	54	32	16	3	–	–	–
Antrim	100	1 979	1 008	61	21	10	3	3	2	–	–
Arenac	152	3 113	1 404	91	28	21	6	4	2	–	–
Baraga	46	382	156	36	4	4	2	–	–	–	–
Barry	407	6 712	3 136	228	89	60	21	5	4	–	–
Bay	112	1 748	781	77	23	3	5	3	1	–	–
Benzie	37	1 130	604	24	7	1	2	–	3	–	–
Berrien	231	2 583	1 163	153	42	30	4	1	1	–	–
Branch	356	13 542	6 351	201	81	46	18	1	2	7	8 435
Calhoun	513	12 546	5 861	297	100	71	26	8	8	3	2 622
Cass	319	5 794	2 685	183	71	42	10	11	2	–	–
Charlevoix	139	1 491	585	93	28	15	2	1	–	–	–
Cheboygan	107	1 121	390	64	24	18	1	–	–	–	–
Chippewa	190	2 218	813	112	50	23	3	2	–	–	–
Clare	157	4 077	1 953	88	29	24	5	7	3	1	(D)
Clinton	530	12 657	6 370	261	118	113	15	10	12	1	(D)
Crawford	8	49	17	6	2	–	–	–	–	–	–
Delta	166	1 967	803	109	27	25	3	2	–	–	–
Dickinson	57	384	150	44	11	2	–	–	–	–	–
Eaton	454	6 343	2 766	285	83	69	9	6	2	–	–
Emmet	125	1 367	513	84	20	18	2	1	–	–	–
Genesee	253	10 544	5 602	150	46	27	11	9	5	5	5 183
Gladwin	230	2 964	1 268	131	58	37	2	1	1	–	–
Gogebic	40	308	106	34	4	1	–	1	–	–	–
Grand Traverse	113	1 752	813	64	22	19	7	1	–	–	–
Gratiot	359	15 363	8 324	193	65	59	18	14	5	5	7 150
Hillsdale	483	12 482	5 570	284	95	72	21	3	5	3	5 100
Houghton	91	705	253	69	11	11	–	–	–	–	–
Huron	775	48 829	26 759	303	182	174	57	29	17	13	26 955
Ingham	395	8 250	4 322	213	86	70	16	6	1	3	2 142
Ionia	513	9 837	4 434	243	145	80	28	12	5	–	–
Iosco	130	3 711	1 722	83	20	20	3	3	–	1	(D)
Iron	46	436	158	33	9	3	–	1	–	–	–
Isabella	399	15 747	7 620	213	70	66	25	10	8	7	6 058
Jackson	476	21 127	8 986	271	91	70	19	13	9	3	10 801
Kalamazoo	312	12 802	6 611	190	48	29	15	10	13	7	4 654
Kalkaska	30	507	218	18	5	6	–	1	–	–	–
Kent	576	11 171	5 573	337	99	86	34	16	3	1	(D)
Keweenaw	3	9	3	3	–	–	–	–	–	–	–
Lake	53	407	162	41	9	2	1	–	–	–	–
Lapeer	570	14 267	7 326	345	121	64	23	10	3	4	5 610
Leelanau	96	4 179	2 178	51	17	14	10	1	2	1	(D)
Lenawee	415	19 670	10 135	201	84	72	18	16	15	9	6 646
Livingston	328	7 890	4 072	181	70	50	14	8	3	2	(D)
Luce	15	742	332	9	1	1	1	1	2	–	–
Mackinac	52	765	304	31	9	8	4	–	–	–	–
Macomb	221	4 797	2 371	145	45	20	8	–	2	1	(D)
Manistee	115	1 062	405	78	24	10	3	–	–	–	–
Marquette	42	315	129	33	5	4	–	–	–	–	–
Mason	170	4 278	2 146	107	32	16	6	4	3	2	(D)
Mecosta	309	2 985	1 263	205	73	24	7	–	–	–	–
Menominee	301	3 299	1 395	197	60	36	5	3	–	–	–
Midland	130	5 822	2 898	98	11	13	3	–	2	3	4 150
Missaukee	209	3 876	1 862	99	63	34	8	4	–	1	(D)
Monroe	188	8 017	4 005	110	23	24	15	4	8	4	2 617
Montcalm	415	4 500	1 904	256	97	52	9	1	–	–	–
Montmorency	52	683	271	32	12	6	1	1	–	–	–
Muskegon	194	4 758	2 326	111	48	22	7	1	3	2	(D)
Newaygo	341	3 262	1 315	230	70	38	3	–	–	–	–
Oakland	134	2 390	1 053	91	21	13	4	3	2	–	–
Oceana	220	3 968	1 765	121	47	28	15	9	–	–	–
Ogemaw	174	2 978	1 279	96	36	33	7	1	1	–	–
Ontonagon	90	884	342	59	19	11	1	–	–	–	–
Osceola	291	3 305	1 321	182	63	38	7	1	–	–	–
Oscoda	48	783	345	26	11	7	3	1	–	–	–
Otsego	75	1 393	526	34	18	18	3	2	–	–	–
Ottawa	635	16 181	6 565	356	145	94	28	4	4	4	6 626
Presque Isle	195	2 964	1 135	106	50	30	5	3	1	–	–
Roscommon	10	47	18	8	2	–	–	–	–	–	–
Saginaw	354	6 136	3 086	222	62	50	11	6	1	2	(D)
St Clair	459	11 578	5 940	310	79	46	15	3	3	3	5 744
St Joseph	352	7 607	3 783	206	65	51	15	8	6	1	(D)
Sanilac	850	15 820	7 591	428	211	172	25	8	3	3	2 811
Schoolcraft	27	467	190	16	3	5	3	–	–	–	–
Shiawassee	403	7 529	3 685	245	80	58	11	5	3	1	(D)
Tuscola	442	7 733	3 834	255	99	67	10	5	5	1	(D)
Van Buren	297	7 110	3 518	198	49	32	10	3	3	2	(D)
Washtenaw	457	11 351	5 819	210	106	98	23	15	3	2	(D)
Wayne	31	256	107	20	7	4	–	–	–	–	–
Wexford	77	640	278	60	8	9	–	–	–	–	–
Farms not on mail list	1 146	7 324	2 258	958	129	59	–	–	–	–	–

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
Michigan	9 238	290 704	149 386	5 658	1 638	1 157	338	198	156	93	117 868
Alcona	29	312	118	19	6	3	1	–	–	–	–
Alger	10	36	21	9	1	–	–	–	–	–	–
Allegan	334	8 726	4 297	180	70	53	12	9	9	1	(D)
Alpena	60	831	377	33	15	8	3	1	–	–	–
Antrim	34	1 040	664	22	3	5	–	2	2	–	–
Arenac	52	1 476	788	27	11	5	4	4	1	–	–
Baraga	9	30	13	9	–	–	–	–	–	–	–
Barry	163	3 256	1 528	94	34	21	8	2	4	–	–
Bay	55	1 189	572	39	8	–	5	2	1	–	–
Benzie	18	986	545	11	1	2	1	–	3	–	–
Berrien	127	1 406	644	89	20	14	2	1	1	–	–
Branch	179	8 041	4 561	99	41	23	10	1	2	3	5 097
Calhoun	231	7 599	3 669	131	50	29	7	4	7	3	2 522
Cass	189	3 651	1 655	111	42	21	5	8	2	–	–
Charlevoix	33	267	109	23	8	2	–	–	–	–	–
Cheboygan	31	170	63	26	4	1	–	–	–	–	–
Chippewa	34	207	75	27	6	1	–	–	–	–	–
Clare	46	1 095	602	28	4	9	3	–	2	–	–
Clinton	283	6 572	3 359	160	58	48	6	4	6	1	(D)
Crawford	2	(D)	(D)	1	1	–	–	–	–	–	–
Delta	32	209	87	25	4	3	–	–	–	–	–
Dickinson	10	59	27	8	2	–	–	–	–	–	–
Eaton	203	2 842	1 313	139	28	27	4	4	1	–	–
Emmet	19	223	103	11	3	5	–	–	–	–	–
Genesee	149	7 950	4 452	95	22	11	9	4	4	4	4 530
Gladwin	66	904	453	45	16	3	1	–	1	–	–
Gogebic	4	8	4	4	–	–	–	–	–	–	–
Grand Traverse	65	864	415	41	10	12	1	1	–	–	–
Gratiot	150	11 896	6 623	73	28	23	7	9	5	5	7 150
Hillsdale	229	8 069	3 566	152	39	24	7	1	3	3	5 100
Houghton	9	24	9	9	–	–	–	–	–	–	–
Huron	417	40 377	23 083	167	85	83	38	20	11	13	26 955
Ingham	168	4 606	2 443	101	32	23	3	5	2	2	(D)
Ionia	230	4 534	2 237	136	42	30	10	7	5	–	–
Iosco	30	2 171	1 085	16	8	4	1	–	–	1	(D)
Iron	6	20	8	6	–	–	–	–	–	–	–
Isabella	145	10 423	5 280	70	28	22	8	4	7	6	5 558
Jackson	249	10 487	5 377	156	47	26	6	8	5	1	(D)
Kalamazoo	202	9 991	5 170	128	31	11	7	7	12	6	4 154
Kalkaska	11	71	29	9	1	1	–	–	–	–	–
Kent	243	5 275	2 575	151	35	31	16	7	2	1	(D)
Keweenaw	–	–	–	–	–	–	–	–	–	–	–
Lake	11	46	16	9	2	–	–	–	–	–	–
Lapeer	266	9 989	5 327	175	44	26	8	6	3	4	5 610
Leelanau	39	3 113	1 777	17	4	7	7	2	1	1	(D)
Lenawee	259	14 187	7 422	146	47	28	9	10	11	8	6 146
Livingston	144	4 661	2 409	94	22	14	4	5	3	2	(D)
Luce	6	47	24	4	1	1	–	–	–	–	–
Mackinac	9	86	37	6	1	2	–	–	–	–	–
Macomb	104	3 115	1 546	78	14	8	2	–	1	1	(D)
Manistee	37	352	172	28	6	1	2	–	–	–	–
Marquette	3	(D)	(D)	2	–	1	–	–	–	–	–
Mason	71	3 262	1 753	42	12	4	5	3	3	2	(D)
Mecosta	110	933	425	86	11	11	2	–	–	–	–
Menominee	55	658	309	36	11	5	2	1	–	–	–
Midland	61	5 325	2 715	44	5	4	3	–	2	3	4 150
Missaukee	33	410	181	17	10	5	1	–	–	–	–
Monroe	134	7 096	3 623	73	13	20	12	4	8	4	2 305
Montcalm	152	1 536	711	105	28	14	4	1	–	–	–
Montmorency	11	219	105	7	2	1	–	1	–	–	–
Muskegon	75	3 408	1 750	44	16	6	3	1	3	2	(D)
Newaygo	105	853	339	82	14	8	1	–	–	–	–
Oakland	71	1 278	611	50	9	8	1	2	1	–	–
Oceana	128	2 711	1 271	65	27	18	12	6	–	–	–
Ogemaw	51	798	389	27	12	9	3	–	–	–	–
Ontonagon	5	79	25	2	–	3	–	–	–	–	–
Osceola	69	538	241	48	13	8	–	–	–	–	–
Oscoda	8	207	108	4	1	1	2	–	–	–	–
Otsego	10	160	73	7	–	1	2	–	–	–	–
Ottawa	304	7 076	3 153	188	58	38	11	4	2	3	2 626
Presque Isle	54	931	418	32	11	8	2	–	1	–	–
Roscommon	2	(D)	(D)	2	–	–	–	–	–	–	–
Saginaw	182	3 230	1 681	111	28	32	6	4	–	1	(D)
St Clair	194	8 375	4 562	130	31	18	8	2	3	2	(D)
St Joseph	186	4 335	2 153	117	25	29	5	5	4	1	(D)
Sanilac	262	6 953	3 294	135	65	43	8	6	2	3	2 811
Schoolcraft	4	21	9	3	1	–	–	–	–	–	–
Shiawassee	177	3 518	1 770	127	21	22	2	4	–	1	(D)
Tuscola	209	4 711	2 452	115	47	32	8	2	4	1	(D)
Van Buren	150	5 537	2 883	95	26	18	3	3	3	2	(D)
Washtenaw	289	7 875	4 135	149	54	55	15	11	3	2	(D)
Wayne	24	202	88	16	5	3	–	–	–	–	–
Wexford	21	121	52	16	3	2	–	–	–	–	–
Farms not on mail list	597	4 811	1 357	444	94	59	–	–	–	–	–

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)
Michigan	10 907	958 231	6 845	163 135	10 027	795 096	7 361	177 116	9 431	1 417 675	126 173	2 913	321 584	13 964
Alcona	17	466	11	103	16	363	12	86	17	460	33	8	272	12
Alger	16	77	5	20	14	57	5	19	7	133	5	3	76	(D)
Allegan	446	79 425	295	8 765	411	70 660	304	11 371	456	131 915	12 197	140	20 376	1 014
Alpena	51	1 520	25	498	48	1 022	25	496	33	2 693	193	15	1 490	73
Antrim	32	1 428	25	250	31	1 178	25	249	24	1 216	94	12	477	20
Arenac	49	4 715	34	669	48	4 046	36	822	45	6 320	567	14	1 506	70
Baraga	7	65	3	(D)	6	(D)	3	21	3	(D)	(D)	2	(D)	(D)
Barry	179	13 438	132	1 924	148	11 514	134	2 389	170	16 943	1 388	50	3 498	162
Bay	95	2 918	51	640	87	2 278	56	540	76	4 597	265	24	2 709	99
Benzie	13	(D)	8	29	12	(D)	9	38	13	(D)	(D)	7	173	6
Berrien	168	20 658	114	3 591	159	17 067	121	4 162	171	35 970	3 501	42	5 698	253
Branch	310	44 775	247	6 735	281	38 040	256	7 355	304	59 710	5 596	82	9 777	460
Calhoun	231	30 592	173	4 514	211	26 078	183	6 023	234	41 150	4 020	74	5 551	220
Cass	364	125 080	312	32 054	325	93 026	318	29 845	386	189 990	19 148	113	21 487	925
Charlevoix	32	667	20	144	26	523	20	166	24	956	60	5	(D)	(D)
Cheboygan	36	950	25	202	34	748	28	288	29	1 269	104	18	684	29
Chippewa	32	670	14	107	30	563	15	170	17	809	67	7	240	7
Clare	65	7 106	49	1 963	59	5 143	49	1 492	52	8 301	684	25	3 611	166
Clinton	225	23 997	173	3 175	202	20 822	180	4 453	215	31 925	3 205	38	2 785	116
Crawford	2	(D)	2	(D)	1	(D)	2	(D)	2	(D)	(D)	–	–	–
Delta	45	423	21	98	42	325	21	97	32	569	29	14	315	13
Dickinson	9	66	6	32	6	34	6	33	6	164	12	4	116	5
Eaton	201	19 051	156	2 724	188	16 327	160	3 025	192	25 532	2 163	76	6 384	274
Emmet	23	137	13	41	21	96	13	21	12	84	6	6	38	1
Genesee	99	8 301	67	1 104	92	7 197	68	1 425	85	11 916	881	27	2 645	103
Gladwin	62	1 888	40	339	55	1 549	47	333	64	3 334	258	25	1 050	34
Gogebic	4	27	2	(D)	3	(D)	2	(D)	4	32	2	1	(D)	(D)
Grand Traverse	43	2 177	25	425	42	1 752	25	456	36	3 391	229	10	(D)	(D)
Gratiot	149	15 072	104	1 903	129	13 169	112	3 004	144	24 435	2 236	40	4 100	177
Hillsdale	301	39 548	222	5 168	280	34 380	235	5 791	304	57 102	4 981	100	14 371	608
Houghton	11	125	4	30	10	95	5	21	4	105	5	2	(D)	(D)
Huron	200	23 194	122	3 088	189	20 106	125	3 958	189	39 184	3 115	57	12 944	514
Ingham	170	24 934	128	3 339	156	21 595	136	4 537	163	34 732	3 302	51	2 941	121
Ionia	206	25 712	150	4 235	195	21 477	154	4 513	197	34 795	3 184	49	6 025	252
Iosco	27	2 855	18	(D)	26	(D)	21	559	18	3 806	300	10	625	27
Iron	3	10	–	–	3	10	1	(D)	1	(D)	(D)	–	–	–
Isabella	140	16 620	101	2 563	128	14 057	107	3 478	130	26 443	2 091	36	10 159	421
Jackson	207	13 359	147	2 297	187	11 062	155	2 707	206	20 553	1 873	57	4 439	190
Kalamazoo	185	29 435	122	4 989	181	24 446	126	5 098	173	38 648	3 775	47	8 167	400
Kalkaska	17	1 007	8	244	17	763	9	323	12	(D)	(D)	6	(D)	(D)
Kent	188	16 135	119	2 270	178	13 865	127	3 034	186	25 310	2 142	58	6 935	318
Keweenaw	1	(D)	1	(D)	1	(D)	1	(D)	–	–	–	–	–	–
Lake	13	290	12	51	9	239	12	66	11	386	20	8	307	12
Lapeer	200	10 061	137	1 736	177	8 325	142	1 742	172	13 075	1 065	62	3 510	126
Leelanau	24	1 760	11	235	23	1 525	12	350	23	3 022	210	8	1 074	42
Lenawee	299	44 718	190	4 750	273	39 968	197	6 021	293	71 775	6 517	83	13 543	580
Livingston	106	7 830	73	1 209	99	6 621	77	1 704	101	10 606	905	28	2 586	102
Luce	7	(D)	6	59	6	(D)	6	66	5	(D)	(D)	3	(D)	(D)
Mackinac	13	65	7	29	10	36	8	33	9	218	14	2	(D)	(D)
Macomb	66	2 501	41	400	59	2 101	44	427	61	5 758	484	15	2 227	111
Manistee	31	1 107	17	139	29	968	22	169	29	1 307	92	9	559	18
Marquette	18	359	11	43	16	316	11	56	10	237	23	2	(D)	(D)
Mason	40	1 219	20	172	38	1 047	21	188	33	1 893	147	11	742	29
Mecosta	97	3 183	61	585	85	2 598	63	596	77	5 119	383	25	1 931	86
Menominee	48	918	25	224	45	694	27	267	37	2 043	122	19	1 517	65
Midland	71	4 339	57	726	62	3 613	59	944	74	7 181	541	31	2 306	89
Missaukee	39	1 974	24	653	35	1 321	25	623	29	5 539	346	16	4 099	197
Monroe	196	18 216	114	1 803	180	16 413	119	2 187	188	23 713	1 994	51	5 179	204
Montcalm	168	8 163	113	1 520	161	6 643	120	1 638	150	11 163	855	58	4 676	200
Montmorency	4	42	3	(D)	4	(D)	4	11	8	78	6	2	(D)	(D)
Muskegon	75	3 152	54	583	71	2 569	56	752	72	5 301	396	36	2 328	89
Newaygo	133	7 232	78	1 654	120	5 578	84	1 757	116	11 392	743	56	7 124	304
Oakland	58	2 028	27	444	53	1 584	34	575	49	4 501	336	17	1 272	38
Oceana	80	3 929	53	706	74	3 223	58	742	86	6 176	459	33	2 907	129
Ogemaw	36	507	21	131	34	376	21	168	25	934	51	12	797	38
Ontonagon	14	201	8	59	14	142	8	68	7	333	10	4	316	9
Osceola	73	4 096	46	690	62	3 406	48	796	54	5 599	382	27	3 370	158
Oscoda	12	428	6	68	10	360	7	35	10	356	19	6	213	11
Otsego	11	197	4	24	11	173	4	25	5	237	24	–	–	–
Ottawa	268	54 413	170	6 777	244	47 636	177	9 741	265	89 297	7 377	96	26 951	1 304
Presque Isle	34	936	19	96	33	840	19	108	26	892	77	12	350	13
Roscommon	4	76	2	(D)	4	(D)	2	(D)	3	60	(D)	1	(D)	(D)
Saginaw	156	8 281	79	984	146	7 297	81	1 176	150	13 046	1 279	30	1 773	70
St Clair	139	4 646	85	829	125	3 817	90	974	116	6 570	549	41	2 692	125
St Joseph	332	44 527	261	8 547	297	35 980	276	9 153	338	62 583	5 370	101	16 602	702
Sanilac	180	11 032	119	2 207	167	8 825	122	2 155	158	16 218	1 356	69	5 427	230
Schoolcraft	7	94	6	26	6	68	6	31	5	167	7	2	(D)	(D)
Shiawassee	143	10 931	110	2 051	131	8 880	113	2 051	143	15 360	1 207	63	4 355	180
Tuscola	163	16 488	95	1 756	153	14 732	104	2 539	155	27 426	2 525	40	5 025	205
Van Buren	265	33 732	196	7 155	243	26 577	201	6 311	255	43 121	4 158	71	6 072	252
Washtenaw	230	14 743	159	2 108	215	12 635	166	2 444	234	21 956	2 087	55	3 680	141
Wayne	35	1 560	24	303	28	1 257	24	303	32	1 914	170	10	421	13
Wexford	23	826	14	457	16	369	14	704	15	5 603	304	7	4 648	232
Farms not on mail list	2 335	26 991	993	10 491	2 181	16 500	1 240	5 009	1 366	25 153	1 426	336	15 313	602

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
Michigan	10 907	958 231	2 644	1 598	1 940	1 494	1 199	872	741	419	440 930
Alcona	17	466	7	2	3	4	–	–	1	–	–
Alger	16	77	10	4	2	–	–	–	–	–	–
Allegan	446	79 425	38	37	68	72	65	62	56	48	46 557
Alpena	51	1 520	20	7	7	6	5	6	–	–	–
Antrim	32	1 428	8	7	5	2	6	3	1	–	–
Arenac	49	4 715	14	3	8	4	4	8	5	3	1 965
Baraga	7	65	3	2	1	1	–	–	–	–	–
Barry	179	13 438	42	29	37	21	16	18	12	4	4 472
Bay	95	2 918	28	14	22	10	13	6	2	–	–
Benzie	13	(D)	4	2	5	–	–	–	1	1	(D)
Berrien	168	20 658	21	16	36	30	16	19	25	5	7 632
Branch	310	44 775	36	26	57	48	48	35	35	25	24 634
Calhoun	231	30 592	30	18	46	42	37	26	20	12	15 653
Cass	364	125 080	23	28	53	38	41	55	61	65	93 528
Charlevoix	32	667	13	8	5	2	2	1	1	–	–
Cheboygan	36	950	13	6	7	3	3	4	–	–	–
Chippewa	32	670	20	3	6	2	–	–	1	–	–
Clare	65	7 106	14	5	12	15	7	4	6	2	(D)
Clinton	225	23 997	28	27	41	37	36	28	16	12	11 070
Crawford	2	(D)	1	1	–	–	–	–	–	–	–
Delta	45	423	25	7	9	3	1	–	–	–	–
Dickinson	9	66	4	1	4	–	–	–	–	–	–
Eaton	201	19 051	27	28	42	28	29	25	15	7	7 388
Emmet	23	137	13	6	3	1	–	–	–	–	–
Genesee	99	8 301	21	18	16	11	13	11	6	3	3 260
Gladwin	62	1 888	17	12	15	7	6	3	2	–	–
Gogebic	4	27	3	–	1	–	–	–	–	–	–
Grand Traverse	43	2 177	11	7	13	5	2	1	4	–	–
Gratiot	149	15 072	31	21	18	19	22	17	12	9	7 422
Hillsdale	301	39 548	33	26	71	47	46	23	38	17	18 739
Houghton	11	125	7	2	–	2	–	–	–	–	–
Huron	200	23 194	25	25	38	24	25	27	24	12	9 907
Ingham	170	24 934	30	15	31	25	27	13	14	15	15 587
Ionia	206	25 712	24	19	38	21	35	39	20	10	10 821
Iosco	27	2 855	8	9	6	–	1	1	–	2	(D)
Iron	3	10	2	1	–	–	–	–	–	–	–
Isabella	140	16 620	27	12	25	18	25	12	14	7	7 467
Jackson	207	13 359	40	24	44	31	33	18	14	3	2 485
Kalamazoo	185	29 435	25	15	38	24	27	20	19	17	16 834
Kalkaska	17	1 007	6	3	4	–	2	–	2	–	–
Kent	188	16 135	37	17	44	26	24	14	22	4	4 644
Keweenaw	1	(D)	1	–	–	–	–	–	–	–	–
Lake	13	290	5	4	–	2	1	1	–	–	–
Lapeer	200	10 061	53	33	48	29	19	10	3	5	4 232
Leelanau	24	1 760	4	3	4	5	4	3	–	1	(D)
Lenawee	299	44 718	31	24	53	41	36	44	50	20	17 914
Livingston	106	7 830	21	14	18	24	13	9	5	2	(D)
Luce	7	(D)	3	1	1	1	–	–	1	–	–
Mackinac	13	65	8	4	1	–	–	–	–	–	–
Macomb	66	2 501	15	9	18	14	3	4	3	–	–
Manistee	31	1 107	10	3	6	4	5	2	1	–	–
Marquette	18	359	11	3	1	2	–	–	1	–	–
Mason	40	1 219	15	8	7	2	4	3	1	–	–
Mecosta	97	3 183	31	23	20	6	10	4	2	1	(D)
Menominee	48	918	19	6	16	3	2	2	–	–	–
Midland	71	4 339	11	13	13	8	12	8	5	1	(D)
Missaukee	39	1 974	16	3	7	4	4	1	4	–	–
Monroe	196	18 216	32	21	37	31	29	21	18	7	5 509
Montcalm	168	8 163	34	23	39	19	28	19	4	2	(D)
Montmorency	4	42	2	1	–	1	–	–	–	–	–
Muskegon	75	3 152	9	14	29	7	7	5	3	1	(D)
Newaygo	133	7 232	41	16	28	17	12	6	12	1	(D)
Oakland	58	2 028	24	13	10	3	1	4	3	–	–
Oceana	80	3 929	10	9	20	18	7	12	4	–	–
Ogemaw	36	507	15	5	11	4	–	1	–	–	–
Ontonagon	14	201	7	–	4	3	–	–	–	–	–
Osceola	73	4 096	28	12	13	3	9	2	5	1	(D)
Oscoda	12	428	4	1	3	1	1	2	–	–	–
Otsego	11	197	7	1	2	–	–	1	–	–	–
Ottawa	268	54 413	27	27	40	30	36	46	28	34	35 180
Presque Isle	34	936	14	7	5	2	3	2	1	–	–
Roscommon	4	76	1	–	2	1	–	–	–	–	–
Saginaw	156	8 281	34	20	34	27	14	19	4	4	2 264
St Clair	139	4 646	48	20	35	17	9	5	4	1	(D)
St Joseph	332	44 527	30	19	61	55	51	45	49	22	17 619
Sanilac	180	11 032	39	23	35	37	15	15	13	3	1 825
Schoolcraft	7	94	2	2	1	2	–	–	–	–	–
Shiawassee	143	10 931	16	17	37	29	16	10	15	3	2 458
Tuscola	163	16 488	39	24	24	17	18	23	11	7	6 934
Van Buren	265	33 732	35	31	50	38	48	23	23	17	18 193
Washtenaw	230	14 743	38	27	41	46	41	19	15	3	2 570
Wayne	35	1 560	12	6	4	9	1	–	3	–	–
Wexford	23	826	11	3	1	1	4	2	1	–	–
Farms not on mail list	2 335	26 991	1 042	592	280	302	119	–	–	–	–

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

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
Michigan	9 431	1 417 675	126 173	2 390	3 088	1 382	986	896	393	296	567 304
Alcona	17	460	33	6	8	2	1	–	–	–	–
Alger	7	133	5	5	1	1	–	–	–	–	–
Allegan	456	131 915	12 197	63	108	63	77	77	34	34	67 146
Alpena	33	2 693	193	7	15	2	4	4	1	–	–
Antrim	24	1 216	94	6	5	11	2	–	–	–	–
Arenac	45	6 320	567	9	12	7	9	4	3	1	(D)
Baraga	3	(D)	(D)	–	2	–	1	–	–	–	–
Barry	170	16 943	1 388	47	58	20	25	13	5	2	(D)
Bay	76	4 597	265	21	37	9	4	4	–	1	(D)
Benzie	13	2 646	(D)	3	6	2	–	1	–	1	(D)
Berrien	171	35 970	3 501	30	55	20	27	28	5	6	17 690
Branch	304	59 710	5 596	31	113	45	40	47	13	15	25 394
Calhoun	234	41 150	4 020	28	96	41	33	14	14	8	18 646
Cass	386	189 990	19 148	39	98	36	53	65	42	53	128 650
Charlevoix	24	956	60	12	8	2	–	2	–	–	–
Cheboygan	29	1 269	104	9	14	2	1	3	–	–	–
Chippewa	17	809	67	7	6	2	1	1	–	–	–
Clare	52	8 301	684	8	15	14	6	4	3	2	(D)
Clinton	215	31 925	3 205	33	83	29	34	21	5	10	14 248
Crawford	2	(D)	(D)	–	2	–	–	–	–	–	–
Delta	32	569	29	15	14	1	2	–	–	–	–
Dickinson	6	164	12	2	3	–	1	–	–	–	–
Eaton	192	25 532	2 163	34	70	32	28	15	10	3	6 259
Emmet	12	84	6	9	3	–	–	–	–	–	–
Genesee	85	11 916	881	14	36	14	10	6	3	2	(D)
Gladwin	64	3 334	258	19	24	11	6	4	–	–	–
Gogebic	4	32	2	3	1	–	–	–	–	–	–
Grand Traverse	36	3 391	229	13	19	–	–	–	4	–	–
Gratiot	144	24 435	2 236	29	44	19	21	18	5	8	10 157
Hillsdale	304	57 102	4 981	38	115	41	43	43	14	10	22 678
Houghton	4	105	5	1	3	–	–	–	–	–	–
Huron	189	39 184	3 115	32	56	26	22	34	11	8	14 020
Ingham	163	34 732	3 302	26	53	25	20	17	13	9	14 857
Ionia	197	34 795	3 184	30	51	40	31	30	9	6	11 594
Iosco	18	3 806	300	4	6	3	2	1	1	1	(D)
Iron	1	(D)	(D)	1	–	–	–	–	–	–	–
Isabella	130	26 443	2 091	20	45	22	19	13	6	5	12 882
Jackson	206	20 553	1 873	43	79	36	23	16	6	3	3 598
Kalamazoo	173	38 648	3 775	32	50	28	17	24	13	9	16 047
Kalkaska	12	(D)	(D)	7	2	1	–	–	–	2	(D)
Kent	186	25 310	2 142	36	72	24	14	29	6	5	7 955
Keweenaw	–	–	–	–	–	–	–	–	–	–	–
Lake	11	386	20	3	4	4	–	–	–	–	–
Lapeer	172	13 075	1 065	53	74	16	16	8	2	3	4 020
Leelanau	23	3 022	210	5	6	2	4	5	1	–	–
Lenawee	293	71 775	6 517	30	73	45	48	52	29	16	24 300
Livingston	101	10 606	905	24	48	10	6	9	2	2	(D)
Luce	5	(D)	(D)	1	3	–	–	1	–	–	–
Mackinac	9	218	14	4	3	2	–	–	–	–	–
Macomb	61	5 758	484	30	19	3	3	2	2	2	(D)
Manistee	29	1 307	92	7	12	8	1	1	–	–	–
Marquette	10	237	23	7	2	–	1	–	–	–	–
Mason	33	1 893	147	9	17	2	2	3	–	–	–
Mecosta	77	5 119	383	30	27	9	6	3	1	1	(D)
Menominee	37	2 043	122	12	14	5	3	3	–	–	–
Midland	74	7 181	541	22	21	10	13	5	2	1	(D)
Missaukee	29	5 539	346	7	9	4	4	1	2	2	(D)
Monroe	188	23 713	1 994	27	78	24	30	16	9	4	6 090
Montcalm	150	11 163	855	34	64	24	12	13	3	–	–
Montmorency	8	78	6	5	3	–	–	–	–	–	–
Muskegon	72	5 301	396	19	27	12	6	7	–	1	(D)
Newaygo	116	11 392	743	37	42	13	8	7	9	–	–
Oakland	49	4 501	336	20	16	7	1	1	3	1	(D)
Oceana	86	6 176	459	20	34	11	12	7	2	–	–
Ogemaw	25	934	51	12	9	2	1	1	–	–	–
Ontonagon	7	333	10	3	1	–	3	–	–	–	–
Osceola	54	5 599	382	22	21	3	4	2	–	2	(D)
Oscoda	10	356	19	4	3	2	1	–	–	–	–
Otsego	5	237	24	1	3	–	1	–	–	–	–
Ottawa	265	89 297	7 377	22	73	40	42	37	26	25	49 638
Presque Isle	26	892	77	11	9	3	3	–	–	–	–
Roscommon	3	60	(D)	1	2	–	–	–	–	–	–
Saginaw	150	13 046	1 279	30	74	17	16	8	3	2	(D)
St Clair	116	6 570	549	42	44	14	7	6	3	–	–
St Joseph	338	62 583	5 370	46	86	63	54	54	26	9	13 479
Sanilac	158	16 218	1 356	28	65	26	12	19	8	–	–
Schoolcraft	5	167	7	1	3	1	–	–	–	–	–
Shiawassee	143	15 360	1 207	24	62	14	24	11	7	1	(D)
Tuscola	155	27 426	2 525	38	51	17	15	22	7	5	11 113
Van Buren	255	43 121	4 158	52	84	41	23	33	13	9	17 869
Washtenaw	234	21 956	2 087	45	88	53	24	16	4	4	4 929
Wayne	32	1 914	170	11	15	1	2	3	–	–	–
Wexford	15	5 603	304	3	3	1	1	2	3	2	(D)
Farms not on mail list	1 366	25 153	1 426	816	308	242	–	–	–	–	–

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
Michigan	7 935	6 266 068	1 471	823 900	463	690 758	1 202	4 565 570	329	2 069 598	26	(D)
Alcona	36	(D)	10	180	3	(D)	5	(D)	–	–	–	–
Alger	14	543	1	(D)	–	–	2	(D)	–	–	–	–
Allegan	177	797 612	32	193 114	10	135 180	73	578 972	13	316 144	1	(D)
Alpena	68	27 643	11	383	4	91	11	(D)	–	–	–	–
Antrim	29	(D)	2	(D)	–	–	11	53 750	1	(D)	–	–
Arenac	45	10 376	5	241	3	179	8	7 626	–	–	–	–
Baraga	9	186	2	(D)	1	(D)	–	–	–	–	–	–
Barry	114	65 106	15	428	4	38	21	56 239	–	–	–	–
Bay	83	8 706	12	253	2	(D)	15	(D)	–	–	1	(D)
Benzie	18	347	–	–	–	–	–	–	–	–	–	–
Berrien	121	211 340	16	(D)	2	(D)	24	127 603	2	(D)	–	–
Branch	134	35 914	7	104	1	(D)	22	28 934	–	–	–	–
Calhoun	117	100 424	7	81	–	–	28	75 439	–	–	–	–
Cass	97	(D)	10	237	2	(D)	19	37 804	1	(D)	1	(D)
Charlevoix	41	29 910	8	(D)	4	(D)	4	19 900	–	–	–	–
Cheboygan	39	1 365	5	158	–	–	3	70	–	–	–	–
Chippewa	45	(D)	2	(D)	–	–	7	(D)	–	–	1	(D)
Clare	38	1 453	6	102	–	–	8	206	1	(D)	–	–
Clinton	120	39 188	8	306	3	(D)	25	34 430	–	–	–	–
Crawford	5	115	1	(D)	–	–	–	–	–	–	–	–
Delta	44	1 794	3	40	2	(D)	4	(D)	1	(D)	1	(D)
Dickinson	16	832	2	(D)	–	–	4	390	–	–	–	–
Eaton	126	32 974	24	459	3	(D)	10	27 542	–	–	–	–
Emmet	27	588	3	45	–	–	3	58	–	–	–	–
Genesee	104	63 294	21	879	2	(D)	17	47 728	2	(D)	–	–
Gladwin	76	2 679	9	272	5	(D)	11	264	2	(D)	2	(D)
Gogebic	7	266	–	–	–	–	–	–	–	–	–	–
Grand Traverse	47	(D)	2	(D)	–	–	5	(D)	–	–	–	–
Gratiot	94	199 060	9	(D)	3	(D)	20	245 077	4	159 004	–	–
Hillsdale	139	121 581	17	328	8	(D)	33	118 858	2	(D)	2	(D)
Houghton	27	9 361	1	(D)	1	(D)	8	7 852	–	–	–	–
Huron	130	788 609	15	(D)	4	350	43	509 334	5	(D)	2	(D)
Ingham	94	62 009	7	(D)	–	–	20	41 516	1	(D)	–	–
Ionia	78	(D)	12	336	4	(D)	9	344 220	–	–	1	(D)
Iosco	40	827	6	86	1	(D)	2	(D)	–	–	–	–
Iron	13	1 974	–	–	–	–	2	(D)	–	–	–	–
Isabella	88	(D)	16	246	7	(D)	17	(D)	1	(D)	–	–
Jackson	158	23 243	22	435	5	(D)	23	18 147	–	–	–	–
Kalamazoo	92	111 337	5	(D)	5	(D)	17	68 164	1	(D)	2	(D)
Kalkaska	16	1 503	1	(D)	2	(D)	3	(D)	–	–	–	–
Kent	101	(D)	13	(D)	2	(D)	23	136 092	–	–	1	(D)
Keweenaw	3	180	–	–	–	–	–	–	–	–	–	–
Lake	25	2 911	1	(D)	1	(D)	2	(D)	–	–	–	–
Lapeer	169	14 457	40	1 577	10	209	15	(D)	2	(D)	1	(D)
Leelanau	39	(D)	4	245	–	–	8	(D)	–	–	–	–
Lenawee	119	67 597	19	749	4	(D)	24	120 353	5	(D)	1	(D)
Livingston	89	10 513	5	(D)	1	(D)	19	7 727	1	(D)	–	–
Luce	4	(D)	–	–	–	–	2	(D)	–	–	–	–
Mackinac	11	974	1	(D)	–	–	3	(D)	–	–	–	–
Macomb	93	32 467	11	296	3	(D)	23	18 363	–	–	–	–
Manistee	50	1 625	10	223	–	–	4	130	–	–	–	–
Marquette	23	1 033	3	75	2	(D)	5	67	–	–	–	–
Mason	46	23 360	9	272	2	(D)	10	12 669	1	(D)	–	–
Mecosta	78	(D)	10	814	2	(D)	9	(D)	–	–	–	–
Menominee	56	16 899	4	52	1	(D)	4	(D)	–	–	4	3 528
Midland	73	2 781	9	184	–	–	7	181	–	–	–	–
Missaukee	42	(D)	3	105	–	–	2	(D)	1	(D)	–	–
Monroe	161	105 399	25	1 610	4	146	43	82 055	1	(D)	–	–
Montcalm	131	71 319	15	226	4	(D)	22	34 316	1	(D)	–	–
Montmorency	12	553	1	(D)	–	–	2	(D)	–	–	–	–
Muskegon	54	24 233	5	59	1	(D)	14	(D)	–	–	–	–
Newaygo	80	177 324	13	35 583	4	(D)	22	130 346	2	(D)	–	–
Oakland	100	25 319	8	90	3	21	22	8 482	–	–	1	(D)
Oceana	65	31 905	7	230	–	–	7	22 456	1	(D)	–	–
Ogemaw	46	1 386	5	66	–	–	5	126	–	–	–	–
Ontonagon	20	(D)	3	(D)	3	(D)	7	(D)	1	(D)	–	–
Osceola	75	24 626	11	114	4	(D)	8	(D)	–	–	–	–
Oscoda	18	(D)	3	89	–	–	4	(D)	–	–	–	–
Otsego	25	745	4	76	1	(D)	–	–	–	–	–	–
Ottawa	123	729 876	14	156 157	4	98 100	58	652 734	6	259 100	–	–
Presque Isle	80	3 298	6	142	1	(D)	5	290	–	–	–	–
Roscommon	5	487	1	(D)	–	–	1	(D)	–	–	–	–
Saginaw	166	41 984	8	603	4	(D)	47	18 079	1	(D)	–	–
St Clair	160	121 700	23	(D)	10	418	21	103 809	1	(D)	–	–
St Joseph	131	142 545	13	(D)	2	(D)	24	67 905	2	(D)	–	–
Sanilac	129	29 217	18	(D)	3	100	17	9 509	4	(D)	–	–
Schoolcraft	2	(D)	–	–	–	–	1	(D)	–	–	–	–
Shiawassee	112	80 719	19	(D)	4	(D)	16	37 966	–	–	–	–
Tuscola	130	430 043	11	(D)	3	(D)	41	252 746	2	(D)	–	–
Van Buren	141	145 641	12	218	7	222	27	85 950	5	(D)	1	(D)
Washtenaw	197	59 909	27	817	6	325	46	42 055	1	(D)	2	(D)
Wayne	44	(D)	7	245	1	(D)	7	(D)	–	–	–	–
Wexford	28	(D)	8	140	1	(D)	3	(D)	–	–	1	(D)
Farms not on mail list	1 913	47 337	727	31 443	274	3 380	35	245	254	5 080	–	–

Table 18. **Poultry—Inventory and Sales: 1978**—Con.

All Farms
Part 2 of 2

	Hens and pullets of laying age—inventory per farm											
	Total		Farms with—								100,000 or more	
	Farms	Number	1 to 99	100 to 399	400 to 1,599	1,600 to 3,199	3,200 to 9,999	10,000 to 19,999	20,000 to 49,999	50,000 to 99,999	Farms	Number
Michigan	7 935	6 266 068	6 976	555	106	34	85	96	57	21	5	921 000
Alcona	36	(D)	35	–	–	–	–	–	1	–	–	–
Alger	14	543	13	1	–	–	–	–	–	–	–	–
Allegan	177	797 612	111	16	7	3	11	18	9	1	1	(D)
Alpena	68	27 643	61	3	1	–	2	1	–	–	–	–
Antrim	29	(D)	23	3	–	1	–	2	–	–	–	–
Arenac	45	10 376	36	3	4	2	–	–	–	–	–	–
Baraga	9	186	9	–	–	–	–	–	–	–	–	–
Barry	114	65 106	95	13	1	1	1	2	1	–	–	–
Bay	83	8 706	64	15	3	1	–	–	–	–	–	–
Benzie	18	347	18	–	–	–	–	–	–	–	–	–
Berrien	121	211 340	106	6	2	2	1	–	2	2	–	–
Branch	134	35 914	116	14	2	–	1	–	1	–	–	–
Calhoun	117	100 424	96	13	2	–	4	1	–	1	–	–
Cass	97	(D)	84	8	2	1	–	–	2	–	–	–
Charlevoix	41	29 910	38	–	–	–	2	1	–	–	–	–
Cheboygan	39	1 365	36	3	–	–	–	–	–	–	–	–
Chippewa	45	(D)	39	4	1	–	–	–	1	–	–	–
Clare	38	1 453	35	3	–	–	–	–	–	–	–	–
Clinton	120	39 188	95	19	5	–	–	–	1	–	–	–
Crawford	5	115	5	–	–	–	–	–	–	–	–	–
Delta	44	1 794	40	4	–	–	–	–	–	–	–	–
Dickinson	16	832	14	2	–	–	–	–	–	–	–	–
Eaton	126	32 974	117	5	1	–	2	1	–	–	–	–
Emmet	27	588	27	–	–	–	–	–	–	–	–	–
Genesee	104	63 294	85	15	1	–	1	–	2	–	–	–
Gladwin	76	2 679	73	2	1	–	–	–	–	–	–	–
Gogebic	7	266	7	–	–	–	–	–	–	–	–	–
Grand Traverse	47	(D)	44	2	–	–	–	1	–	–	–	–
Gratiot	94	199 060	83	1	1	–	2	3	3	1	–	–
Hillsdale	139	121 581	119	12	1	–	1	4	2	–	–	–
Houghton	27	9 361	21	4	–	1	1	–	–	–	–	–
Huron	130	788 609	82	14	3	–	6	10	10	5	–	–
Ingham	94	62 009	78	12	–	–	3	–	1	–	–	–
Ionia	78	(D)	69	6	–	–	–	–	2	–	1	(D)
Iosco	40	827	40	–	–	–	–	–	–	–	–	–
Iron	13	1 974	12	–	–	1	–	–	–	–	–	–
Isabella	88	(D)	74	11	1	1	–	–	–	1	–	–
Jackson	158	23 243	142	11	2	1	1	1	–	–	–	–
Kalamazoo	92	111 337	73	9	3	1	2	2	2	–	–	–
Kalkaska	16	1 503	15	–	1	–	–	–	–	–	–	–
Kent	101	(D)	87	10	–	2	–	–	–	2	–	–
Keweenaw	3	180	2	1	–	–	–	–	–	–	–	–
Lake	25	2 911	24	–	–	1	–	–	–	–	–	–
Lapeer	169	14 457	159	9	–	–	1	–	–	–	–	–
Leelanau	39	(D)	34	2	2	–	–	1	–	–	–	–
Lenawee	119	67 597	97	14	2	–	4	2	–	–	–	–
Livingston	89	10 513	77	7	3	1	1	–	–	–	–	–
Luce	4	(D)	2	1	–	–	1	–	–	–	–	–
Mackinac	11	974	8	3	–	–	–	–	–	–	–	–
Macomb	93	32 467	68	19	2	1	2	1	–	–	–	–
Manistee	50	1 625	48	2	–	–	–	–	–	–	–	–
Marquette	23	1 033	21	2	–	–	–	–	–	–	–	–
Mason	46	23 360	38	3	2	–	3	–	–	–	–	–
Mecosta	78	(D)	68	8	1	–	–	–	–	1	–	–
Menominee	56	16 899	52	3	–	–	–	1	–	–	–	–
Midland	73	2 781	66	7	–	–	–	–	–	–	–	–
Missaukee	42	(D)	41	–	–	–	–	–	–	1	–	–
Monroe	161	105 399	117	26	9	1	5	2	1	–	–	–
Montcalm	131	71 319	115	11	4	–	–	–	–	1	–	–
Montmorency	12	553	10	2	–	–	–	–	–	–	–	–
Muskegon	54	24 233	44	8	–	1	–	–	1	–	–	–
Newaygo	80	177 324	66	4	–	–	–	6	4	–	–	–
Oakland	100	25 319	87	10	1	–	1	1	–	–	–	–
Oceana	65	31 905	58	2	–	3	1	1	–	–	–	–
Ogemaw	46	1 386	45	1	–	–	–	–	–	–	–	–
Ontonagon	20	(D)	17	2	–	–	–	1	–	–	–	–
Osceola	75	24 626	69	4	–	–	1	1	–	–	–	–
Oscoda	18	(D)	16	1	–	–	1	–	–	–	–	–
Otsego	25	745	25	–	–	–	–	–	–	–	–	–
Ottawa	123	729 876	74	16	7	3	7	9	3	2	2	(D)
Presque Isle	80	3 298	73	7	–	–	–	–	–	–	–	–
Roscommon	5	487	4	–	1	–	–	–	–	–	–	–
Saginaw	166	41 984	120	37	7	–	1	1	–	–	–	–
St Clair	160	121 700	142	13	1	–	1	2	–	1	–	–
St Joseph	131	142 545	110	10	2	1	3	3	2	–	–	–
Sanilac	129	29 217	120	4	1	–	4	–	–	–	–	–
Schoolcraft	2	(D)	2	–	–	–	–	–	–	–	–	–
Shiawassee	112	80 719	96	9	1	1	2	2	1	–	–	–
Tuscola	130	430 043	94	14	6	1	2	9	1	2	1	(D)
Van Buren	141	145 641	125	7	1	2	1	2	3	–	–	–
Washtenaw	197	59 909	150	35	8	–	1	3	–	–	–	–
Wayne	44	(D)	38	4	–	–	1	–	1	–	–	–
Wexford	28	(D)	24	3	–	–	–	1	–	–	–	–
Farms not on mail list	1 913	47 337	1 913	–	–	–	–	–	–	–	–	–

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

All Farms

	Total		Farms with sales of—							Sales of 500,000 or more	
	Farms	Number	1 to 1,999	2,000 to 7,999	8,000 to 15,999	16,000 to 29,999	30,000 to 59,999	60,000 to 99,999	100,000 to 499,999	Farms	Number
Michigan	616	501 899	592	10	3	7	1	3	–	–	–
Alcona	3	108	3	–	–	–	–	–	–	–	–
Allegan	19	114 997	15	1	–	2	–	1	–	–	–
Alpena	6	2 845	6	–	–	–	–	–	–	–	–
Antrim	3	350	3	–	–	–	–	–	–	–	–
Barry	11	(D)	10	–	–	1	–	–	–	–	–
Bay	10	1 325	10	–	–	–	–	–	–	–	–
Berrien	16	1 946	16	–	–	–	–	–	–	–	–
Branch	9	1 022	9	–	–	–	–	–	–	–	–
Calhoun	11	517	11	–	–	–	–	–	–	–	–
Cass	16	(D)	15	–	–	1	–	–	–	–	–
Cheboygan	3	(D)	3	–	–	–	–	–	–	–	–
Chippewa	3	145	3	–	–	–	–	–	–	–	–
Clinton	16	1 523	16	–	–	–	–	–	–	–	–
Delta	6	89	6	–	–	–	–	–	–	–	–
Eaton	4	249	4	–	–	–	–	–	–	–	–
Emmet	3	116	3	–	–	–	–	–	–	–	–
Genesee	8	736	8	–	–	–	–	–	–	–	–
Gladwin	5	(D)	4	1	–	–	–	–	–	–	–
Gratiot	7	2 260	7	–	–	–	–	–	–	–	–
Hillsdale	14	2 140	14	–	–	–	–	–	–	–	–
Huron	16	1 675	16	–	–	–	–	–	–	–	–
Ingham	9	1 109	9	–	–	–	–	–	–	–	–
Ionia	13	1 056	13	–	–	–	–	–	–	–	–
Isabella	4	212	4	–	–	–	–	–	–	–	–
Jackson	9	249	9	–	–	–	–	–	–	–	–
Kalamazoo	7	336	7	–	–	–	–	–	–	–	–
Kent	9	2 789	8	1	–	–	–	–	–	–	–
Lapeer	12	978	12	–	–	–	–	–	–	–	–
Lenawee	13	7 808	12	1	–	–	–	–	–	–	–
Livingston	9	819	9	–	–	–	–	–	–	–	–
Macomb	7	1 465	7	–	–	–	–	–	–	–	–
Manistee	4	140	4	–	–	–	–	–	–	–	–
Mason	6	162	6	–	–	–	–	–	–	–	–
Mecosta	5	307	5	–	–	–	–	–	–	–	–
Midland	8	780	8	–	–	–	–	–	–	–	–
Missaukee	4	(D)	4	–	–	–	–	–	–	–	–
Monroe	14	(D)	13	1	–	–	–	–	–	–	–
Montcalm	6	283	6	–	–	–	–	–	–	–	–
Muskegon	4	600	4	–	–	–	–	–	–	–	–
Newaygo	6	488	6	–	–	–	–	–	–	–	–
Oakland	5	(D)	4	1	–	–	–	–	–	–	–
Oceana	9	911	9	–	–	–	–	–	–	–	–
Osceola	3	90	3	–	–	–	–	–	–	–	–
Oscoda	3	(D)	3	–	–	–	–	–	–	–	–
Ottawa	21	221 380	13	–	3	3	–	2	–	–	–
Presque Isle	3	90	3	–	–	–	–	–	–	–	–
Saginaw	18	1 614	18	–	–	–	–	–	–	–	–
St Clair	23	10 640	21	2	–	–	–	–	–	–	–
St Joseph	22	(D)	20	1	–	–	1	–	–	–	–
Shiawassee	4	285	4	–	–	–	–	–	–	–	–
Tuscola	7	1 097	7	–	–	–	–	–	–	–	–
Van Buren	6	196	6	–	–	–	–	–	–	–	–
Washtenaw	10	2 473	10	–	–	–	–	–	–	–	–
Wayne	4	365	4	–	–	–	–	–	–	–	–
All other counties	17	5 949	16	1	–	–	–	–	–	–	–
Farms not on mail list	123	5 560	123	–	–	–	–	–	–	–	–

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)
Michigan	2 615	112 678	2 325	66 843	2 258	77 736	2 324	95 628	724	2 512	4 872
Alcona	17	747	15	634	18	634	16	626	4	18	31
Alger	3	(D)	3	(D)	2	(D)	3	(D)	(D)	3	(D)
Allegan	55	2 548	45	1 664	51	1 426	47	2 004	16	55	70
Alpena	12	286	12	190	14	214	9	218	2	14	12
Antrim	4	65	3	(D)	2	(D)	3	(D)	(D)	3	(D)
Barry	60	2 507	55	1 564	57	2 060	57	2 215	19	59	110
Berrien	26	447	23	329	24	258	20	430	4	27	35
Branch	75	3 313	65	2 226	68	2 426	65	2 656	23	72	146
Calhoun	71	3 684	65	2 231	66	2 706	65	3 473	24	66	174
Cass	49	2 204	48	1 316	45	1 390	42	1 642	12	47	88
Cheboygan	9	359	8	284	8	219	9	310	2	9	9
Chippewa	23	1 288	22	880	21	810	22	1 113	10	22	55
Clare	19	1 591	19	1 173	19	1 243	20	1 656	12	20	77
Clinton	69	4 096	65	2 424	66	3 128	66	3 627	30	68	188
Delta	8	112	8	78	7	50	8	87	1	8	2
Eaton	68	4 537	64	2 999	65	3 678	64	3 738	32	67	214
Emmet	3	144	3	83	3	91	3	80	1	3	5
Genesee	29	1 505	28	988	27	862	26	1 192	11	27	56
Gladwin	30	864	22	485	23	431	21	504	4	25	26
Grand Traverse	5	47	3	28	3	39	4	47	(Z)	4	(D)
Gratiot	30	794	26	459	28	583	26	577	5	28	36
Hillsdale	75	2 586	64	1 550	72	1 910	67	2 086	15	74	121
Houghton	5	80	5	34	5	78	4	36	(Z)	5	5
Huron	11	192	9	119	13	375	9	188	1	13	16

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

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)
Ingham	60	2 845	55	1 798	58	2 146	53	2 991	20	58	195
Ionia	38	2 087	38	1 467	38	1 838	38	1 801	13	39	119
Iosco	7	610	7	321	7	422	7	356	3	7	17
Isabella	15	343	13	214	14	219	12	229	2	14	11
Jackson	72	4 525	64	1 847	69	5 216	65	5 362	38	70	332
Kalamazoo	37	1 727	32	957	32	1 168	32	1 335	10	37	85
Kent	28	860	28	537	28	638	22	624	5	28	27
Lake	4	(D)	4	75	4	(D)	4	78	1	4	1
Lapeer	49	1 504	42	1 054	45	1 049	44	1 311	12	49	54
Leelanau	4	27	3	13	3	7	3	22	(Z)	3	1
Lenawee	85	4 255	76	2 760	72	4 112	74	4 555	37	82	221
Livingston	58	2 898	54	1 774	54	1 679	54	2 522	24	57	127
Mackinac	4	32	3	30	3	34	3	32	(Z)	3	2
Macomb	29	640	24	409	27	313	25	459	4	29	19
Manistee	9	523	8	408	8	203	6	398	3	8	12
Mason	12	903	10	462	9	480	9	510	4	10	29
Mecosta	5	507	5	337	5	155	5	384	3	5	8
Menominee	10	83	9	41	6	64	8	69	1	8	3
Midland	10	1 343	6	109	7	1 248	6	114	1	8	(D)
Missaukee	14	798	13	529	15	577	11	636	4	15	32
Monroe	38	711	34	497	33	434	33	693	6	36	30
Montcalm	27	796	21	483	19	470	21	693	5	23	37
Montmorency	7	444	7	288	7	286	7	310	2	7	18
Muskegon	4	(D)	3	(D)	2	(D)	3	(D)	(D)	3	(D)
Newaygo	13	1 459	10	236	14	(D)	9	552	6	14	(D)
Oakland	40	839	34	454	33	533	30	715	6	35	33
Oceana	7	171	6	113	10	83	6	155	1	11	6
Ogemaw	13	585	13	408	14	660	13	636	5	14	35
Osceola	13	843	13	552	14	569	13	620	5	14	30
Oscoda	3	(D)	2	(D)	4	(D)	1	(D)	(D)	4	(D)
Ottawa	28	663	24	475	29	435	23	503	3	30	25
Saginaw	28	1 099	27	612	22	427	24	624	5	25	25
St Clair	33	506	24	350	34	470	27	425	3	35	23
St Joseph	54	2 271	50	1 438	54	2 422	51	1 973	17	58	158
Sanilac	25	509	22	348	18	269	19	444	4	20	18
Shiawassee	42	1 417	39	1 020	35	1 023	41	1 204	10	43	65
Tuscola	26	767	23	536	24	487	22	635	5	26	32
Van Buren	24	430	24	317	19	299	19	346	3	22	21
Washtenaw	209	21 276	195	9 916	206	16 418	199	21 113	167	210	1 102
Wayne	12	167	10	72	8	125	9	104	1	11	10
All other counties	23	1 260	18	883	15	595	16	736	6	19	37
Farms not on mail list	640	15 493	552	10 733	433	2 586	581	10 600	44	581	179

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
Michigan	2 615	112 678	139	437	204	591	998	206	38	2	(D)
Alcona	17	747	1	2	–	3	9	2	–	–	–
Alger	3	(D)	–	1	1	–	1	–	–	–	–
Allegan	55	2 548	3	13	4	13	15	5	2	–	–
Alpena	12	286	–	4	–	5	3	–	–	–	–
Antrim	4	65	–	2	–	–	2	–	–	–	–
Barry	60	2 507	1	4	7	9	33	6	–	–	–
Berrien	26	447	–	7	8	6	5	–	–	–	–
Branch	75	3 313	6	3	7	27	25	5	2	–	–
Calhoun	71	3 684	2	9	8	12	31	7	2	–	–
Cass	49	2 204	1	2	5	15	20	5	1	–	–
Cheboygan	9	359	–	1	–	1	6	1	–	–	–
Chippewa	23	1 288	1	1	1	3	13	4	–	–	–
Clare	19	1 591	–	1	–	3	10	4	1	–	–
Clinton	69	4 096	1	4	6	14	33	9	2	–	–
Delta	8	112	1	–	2	4	1	–	–	–	–
Eaton	68	4 537	2	2	2	12	34	16	–	–	–
Emmet	3	144	–	–	–	–	3	–	–	–	–
Genesee	29	1 505	–	4	2	2	16	5	–	–	–
Gladwin	30	864	3	4	4	8	9	2	–	–	–
Grand Traverse	5	47	1	2	–	2	–	–	–	–	–
Gratiot	30	794	–	5	4	9	12	–	–	–	–
Hillsdale	75	2 586	4	7	5	24	33	1	1	–	–
Houghton	5	80	–	2	–	2	1	–	–	–	–
Huron	11	192	1	–	2	6	2	–	–	–	–
Ingham	60	2 845	–	5	4	15	29	6	1	–	–
Ionia	38	2 087	–	1	1	14	19	2	1	–	–
Iosco	7	610	–	–	–	–	6	1	–	–	–
Isabella	15	343	1	3	1	6	4	–	–	–	–
Jackson	72	4 525	1	6	5	22	29	7	1	1	(D)
Kalamazoo	37	1 727	2	3	4	15	9	3	1	–	–
Kent	28	860	1	1	8	7	10	1	–	–	–
Lake	4	96	–	–	2	–	2	–	–	–	–
Lapeer	49	1 504	4	7	6	12	18	2	–	–	–
Leelanau	4	27	–	1	2	1	–	–	–	–	–
Lenawee	85	4 255	3	13	9	13	36	9	2	–	–
Livingston	58	2 898	1	7	7	13	20	9	1	–	–
Mackinac	4	32	1	–	2	1	–	–	–	–	–
Macomb	29	640	1	4	7	10	6	1	–	–	–
Manistee	9	523	1	–	–	3	3	2	–	–	–
Mason	12	903	1	2	1	3	2	2	1	–	–
Mecosta	5	507	–	–	–	3	1	–	1	–	–
Menominee	10	83	2	1	4	3	–	–	–	–	–
Midland	10	1 343	–	3	1	2	3	–	–	1	(D)

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

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
Missaukee	14	798	1	1	1	3	3	5	–	–	–
Monroe	38	711	3	7	8	12	7	1	–	–	–
Montcalm	27	796	4	2	3	7	10	1	–	–	–
Montmorency	7	444	–	–	–	3	3	1	–	–	–
Muskegon	4	(D)	1	–	1	–	2	–	–	–	–
Newaygo	13	1 459	1	2	–	4	4	–	2	–	–
Oakland	40	839	1	7	9	17	5	1	–	–	–
Oceana	7	171	–	2	2	–	3	–	–	–	–
Ogemaw	13	585	–	–	1	4	7	1	–	–	–
Osceola	13	843	–	–	1	3	7	2	–	–	–
Oscoda	3	(D)	–	–	1	–	–	2	–	–	–
Ottawa	28	663	1	6	3	9	9	–	–	–	–
Saginaw	28	1 099	1	6	3	7	8	3	–	–	–
St Clair	33	506	2	9	4	11	7	–	–	–	–
St Joseph	54	2 271	1	4	3	18	23	5	–	–	–
Sanilac	25	509	3	7	3	4	8	–	–	–	–
Shiawassee	42	1 417	3	8	4	6	19	2	–	–	–
Tuscola	26	767	2	5	5	6	6	2	–	–	–
Van Buren	24	430	4	3	6	3	8	–	–	–	–
Washtenaw	209	21 276	2	11	9	26	85	61	15	–	–
Wayne	12	167	1	4	2	3	2	–	–	–	–
All other counties	23	1 260	2	8	3	3	4	2	1	–	–
Farms not on mail list	640	15 493	59	208	–	119	254	–	–	–	–

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)
Michigan	504	3 057	153	850	27	63	45 861	113
Allegan	10	69	3	12	(Z)	–	–	–
Barry	12	113	5	45	1	1	(D)	(D)
Berrien	4	13	4	27	1	–	–	–
Branch	5	22	–	–	–	–	–	–
Calhoun	4	19	3	7	(Z)	–	–	–
Charlevoix	3	(D)	1	(D)	(D)	1	(D)	(D)
Clare	3	(D)	–	–	–	–	–	–
Eaton	10	45	3	8	(Z)	–	–	–
Hillsdale	12	100	4	22	(Z)	1	(D)	(D)
Houghton	4	10	2	(D)	(D)	–	–	–
Ingham	10	96	7	69	4	–	–	–
Ionia	3	33	–	–	–	–	–	–
Isabella	8	48	3	9	1	–	–	–
Jackson	4	117	2	(D)	(D)	–	–	–
Kalamazoo	7	47	3	11	(Z)	2	(D)	(D)
Kent	7	53	2	(D)	(D)	1	(D)	(D)
Lapeer	8	139	8	47	2	3	(D)	(D)
Leelanau	4	36	1	(D)	(D)	1	(D)	(D)
Lenawee	5	(D)	3	(D)	(D)	2	(D)	(D)
Livingston	6	63	4	31	1	–	–	–
Marquette	3	12	2	(D)	(D)	–	–	–
Missaukee	3	12	2	(D)	(D)	1	(D)	(D)
Monroe	6	17	3	13	(D)	–	–	–
Montcalm	3	3	3	7	(Z)	–	–	–
Muskegon	3	7	1	(D)	(D)	–	–	–
Newaygo	5	19	1	(D)	(D)	1	(D)	(D)
Oakland	15	149	10	140	5	4	(D)	(D)
Oceana	6	20	–	–	–	–	–	–
Osceola	4	12	1	(D)	(D)	–	–	–
Ottawa	8	64	4	26	1	4	1 419	3
Saginaw	4	71	3	31	1	–	–	–
St Clair	5	37	3	10	(Z)	1	(D)	(D)
St Joseph	7	25	2	(D)	(D)	–	–	–
Sanilac	6	60	3	(D)	1	–	–	–
Tuscola	5	10	–	–	–	–	–	–
Van Buren	7	42	3	(D)	(D)	2	(D)	(D)
Washtenaw	12	68	4	20	1	1	(D)	(D)
Wayne	4	13	1	(D)	(D)	–	–	–
All other counties	28	144	14	53	3	2	(D)	(D)
Farms not on mail list	241	954	35	70	1	35	105	(Z)

Table 22. **Angora Goats—Inventory and Sales: 1978**

All Farms

	Inventory		Sales					
			Angora goats			Mohair		
	Farms	Number	Farms	Number	Sales ($1,000)	Farms	Pounds	Sales ($1,000)
Michigan	6	(D)	1	(D)	(D)	6	(D)	(D)

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)
Michigan	39	63 357	38	32 265	38	121 521	3 048
Delta	10	12 297	10	8 045	10	34 959	744
Menominee	6	11 165	6	9 347	6	35 128	953
Saginaw	4	2 175	4	1 940	4	4 844	131
All other counties	19	37 720	18	12 933	18	46 590	1 220

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)
Michigan	1 141	86 239	48	7 963	205	768	5 294 127	2 726
Alcona	7	(D)	–	–	–	6	(D)	(D)
Allegan	29	1 924	–	–	–	21	88 770	44
Alpena	4	49	1	(D)	(D)	3	2 592	1
Antrim	9	2 247	1	(D)	(D)	8	213 788	88
Arenac	3	(D)	–	–	–	2	(D)	(D)
Barry	21	409	2	(D)	(D)	14	18 266	7
Bay	9	4 891	1	(D)	(D)	8	(D)	182
Benzie	18	764	2	(D)	(D)	15	36 999	19
Berrien	38	2 365	–	–	–	27	152 616	88
Branch	6	1 046	–	–	–	4	46 050	25
Calhoun	24	153	3	(D)	(D)	16	6 513	4
Cass	12	287	–	–	–	8	15 200	8
Charlevoix	12	973	1	(D)	(D)	12	60 298	29
Cheboygan	5	812	–	–	–	4	(D)	(D)
Chippewa	4	62	–	–	–	3	3 400	3
Clare	9	91	–	–	–	5	4 096	2
Clinton	24	3 114	1	(D)	(D)	18	220 443	140
Delta	8	258	–	–	–	4	14 672	14
Eaton	21	1 949	1	(D)	(D)	14	98 369	49
Emmet	4	11	–	–	–	1	(D)	(D)
Genesee	24	1 644	1	(D)	(D)	21	57 919	37
Gladwin	9	185	2	(D)	(D)	8	8 136	6
Grand Traverse	22	1 168	2	(D)	(D)	18	58 368	31
Gratiot	14	964	–	–	–	12	68 561	46
Hillsdale	20	2 117	2	(D)	(D)	16	105 716	51
Huron	16	8 932	1	(D)	(D)	14	506 335	310
Ingham	18	1 592	–	–	–	12	69 505	35
Ionia	18	1 152	–	–	–	16	(D)	33
Isabella	19	1 108	2	(D)	(D)	14	66 656	31
Jackson	23	1 241	–	–	–	19	49 942	26
Kalamazoo	20	1 812	2	(D)	(D)	12	101 082	51
Kent	38	3 101	3	(D)	(D)	26	386 174	109
Lake	8	231	–	–	–	5	12 808	8
Lapeer	16	(D)	1	(D)	(D)	10	(D)	(D)
Leelanau	22	813	–	–	–	16	55 331	21
Lenawee	13	912	1	(D)	(D)	6	56 150	30
Livingston	13	(D)	1	(D)	(D)	12	(D)	(D)
Macomb	14	1 089	–	–	–	10	74 480	47
Manistee	11	919	–	–	–	10	66 837	32
Mason	14	249	2	(D)	(D)	8	10 412	5
Mecosta	15	174	1	(D)	(D)	10	8 205	5
Midland	9	977	3	54	4	7	16 636	9
Missaukee	3	(D)	–	–	–	2	(D)	(D)
Monroe	18	115	–	–	–	12	3 760	2
Montcalm	16	3 790	–	–	–	15	278 661	121
Muskegon	3	7	–	–	–	–	–	–
Newaygo	9	230	1	(D)	(D)	8	12 169	6
Oakland	40	8 915	1	(D)	(D)	31	494 755	270
Oceana	14	866	1	(D)	(D)	10	47 432	22
Ogemaw	3	(D)	–	–	–	3	(D)	(D)
Ontonagon	5	97	–	–	–	4	5 188	(D)
Osceola	8	256	–	–	–	7	17 546	8
Ottawa	16	620	–	–	–	12	30 307	16
Presque Isle	3	(D)	–	–	–	3	(D)	(D)
Saginaw	13	1 950	–	–	–	12	87 321	44
St Clair	20	970	–	–	–	13	72 032	33
St Joseph	11	174	1	(D)	(D)	8	5 092	5
Sanilac	20	1 496	1	(D)	(D)	16	137 504	73
Shiawassee	16	193	–	–	–	8	11 085	5
Tuscola	15	2 080	1	(D)	(D)	13	149 620	80
Van Buren	33	1 182	1	(D)	(D)	25	52 741	34
Washtenaw	37	1 333	1	(D)	(D)	26	56 571	37
Wayne	20	1 018	2	(D)	(D)	16	40 867	25
Wexford	6	(D)	–	–	–	5	(D)	(D)
All other counties	15	539	1	(D)	(D)	9	27 546	15
Farms not on mail list	154	448	–	–	–	35	11 340	6

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														
Michigan	49	815	20	332 254	30	410 625	19	327 084	546	29	372 695	254	41	205
Antrim	3	(D)	2	(D)	1	(D)	2	(D)	(D)	1	(D)	(D)	2	(D)
Cheboygan	3	20	–	–	3	15 500	–	–	–	3	15 500	20	2	(D)
Gogebic	3	(D)	2	(D)	1	(D)	2	(D)	(D)	1	(D)	(D)	3	(D)
Mason	4	33	1	(D)	4	102 930	–	–	–	3	65 000	18	4	28
Ogemaw	3	(D)	–	–	3	(D)	–	–	–	3	(D)	(D)	3	(D)
Wexford	4	146	2	(D)	2	(D)	2	(D)	(D)	2	(D)	(D)	4	30
All other counties	29	528	13	254 276	16	123 331	13	254 276	420	16	123 331	108	23	118
TROPICAL AND BAITFISH														
Michigan	6	31	1	(D)	5	22 650	1	(D)	(D)	5	22 650	(D)	4	(D)
OTHER FISH														
Michigan	3	(D)	1	(D)	2	(D)	1	(D)	(D)	2	(D)	(D)	4	31

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

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
BROILERS				
Michigan	2 342	224 965	616	501 899
Alcona	9	478	3	108
Alger	4	275	1	(D)
Allegan	44	44 394	19	114 997
Alpena	18	983	6	2 845
Antrim	5	599	3	350
Arenac	13	593	2	(D)
Barry	28	21 998	11	(D)
Bay	26	1 575	10	1 325
Benzie	3	324	1	(D)
Berrien	25	5 337	16	1 946
Branch	17	1 018	9	1 022
Calhoun	20	738	11	517
Cass	28	8 662	16	(D)
Charlevoix	5	372	–	–
Cheboygan	10	328	3	(D)
Chippewa	8	117	3	145
Clare	6	681	–	–
Clinton	35	2 188	16	1 523
Delta	9	346	6	89
Dickinson	4	112	–	–
Eaton	33	943	4	249
Emmet	7	276	3	116
Genesee	19	905	8	736
Gladwin	9	431	5	(D)
Grand Traverse	3	175	1	(D)
Gratiot	12	447	7	2 260
Hillsdale	38	2 169	14	2 140
Houghton	9	267	2	(D)
Huron	29	2 203	16	1 675
Ingham	24	1 628	9	1 109
Ionia	36	1 506	13	1 056
Iosco	9	101	2	(D)
Iron	3	54	–	–
Isabella	14	424	4	212
Jackson	27	913	9	249
Kalamazoo	13	646	7	336
Kent	20	1 037	9	2 789
Lake	9	143	1	(D)
Lapeer	51	2 440	12	978
Leelanau	9	134	1	(D)
Lenawee	39	4 061	13	7 808
Livingston	14	401	9	819
Macomb	26	2 325	7	1 465
Manistee	17	500	4	140
Marquette	4	50	1	(D)
Mason	12	371	6	162
Mecosta	19	756	5	307
Menominee	11	410	–	–
Midland	17	852	8	780
Missaukee	7	259	4	(D)
Monroe	33	1 538	14	(D)
Montcalm	24	770	6	283
Montmorency	3	44	1	(D)
Muskegon	12	874	4	600
Newaygo	16	518	6	488
Oakland	14	273	5	(D)
Oceana	14	605	9	911
Ogemaw	14	447	1	(D)
Ontonagon	5	109	–	–
Osceola	21	294	3	90

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
BROILERS—Con.				
Oscoda	4	117	3	(D)
Otsego	7	395	–	–
Ottawa	26	62 173	21	221 380
Presque Isle	20	979	3	90
Saginaw	28	1 152	18	1 614
St Clair	46	2 165	23	10 640
St Joseph	42	8 143	22	(D)
Sanilac	31	1 462	1	(D)
Shiawassee	18	962	4	285
Tuscola	25	1 237	7	1 097
Van Buren	26	577	6	196
Washtenaw	37	3 476	10	2 473
Wayne	14	672	4	365
Wexford	6	74	1	(D)
All other counties	7	160	1	(D)
Farms not on mail list	992	17 804	123	5 560
TURKEYS				
Michigan	852	510 923	514	1 112 557
Alger	4	29	2	(D)
Allegan	15	83 083	7	(D)
Alpena	3	10	–	–
Antrim	5	9 307	6	22 100
Arenac	3	17	1	(D)
Barry	12	4 294	3	(D)
Berrien	6	65	5	85
Branch	5	32	2	(D)
Calhoun	7	281	9	(D)
Cass	7	288	2	(D)
Charlevoix	3	36	1	(D)
Clinton	8	58	2	(D)
Delta	5	40	1	(D)
Dickinson	3	20	–	–
Eaton	10	56	–	–
Emmet	3	25	–	–
Genesee	9	240	3	(D)
Gladwin	5	34	–	–
Grand Traverse	4	12	–	–
Gratiot	7	22	1	(D)
Hillsdale	9	33	2	(D)
Houghton	6	60	2	(D)
Huron	3	19	1	(D)
Ingham	7	350	4	314
Ionia	6	61	3	(D)
Iosco	6	413	2	(D)
Isabella	4	32	1	(D)
Jackson	7	21	4	21
Kalamazoo	4	16	3	(D)
Kalkaska	5	69	1	(D)
Lapeer	26	229	8	535
Lenawee	13	14 047	4	(D)
Livingston	5	27	1	(D)
Macomb	10	118	6	157
Manistee	5	14	1	(D)
Marquette	7	42	3	(D)
Mason	5	14	2	(D)
Mecosta	5	13	–	–
Menominee	5	30	1	(D)
Monroe	13	132	6	39

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

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
TURKEYS—Con.				
Montcalm	12	5 138	4	(D)
Muskegon	3	15	–	–
Newaygo	8	24	–	–
Oakland	8	69	4	29
Oceana	4	22	2	(D)
Ogemaw	6	21	–	–
Osceola	6	14	–	–
Ottawa	11	384 620	8	857 102
Saginaw	5	26	3	14
St Clair	9	83	–	–
St Joseph	12	77	2	(D)
Sanilac	14	225	9	274
Shiawassee	6	88	4	(D)
Tuscola	10	78	4	34
Van Buren	13	3 258	5	(D)
Washtenaw	18	187	6	(D)
Wayne	8	1 215	5	5 713
All other counties	29	256	9	256
Farms not on mail list	395	1 818	349	2 094
TURKEYS FOR SLAUGHTER				
Michigan	682	470 591	506	1 071 467
Alger	4	27	2	(D)
Allegan	11	(D)	7	(D)
Alpena	3	6	–	–
Barry	7	37	2	(D)
Berrien	6	63	5	85
Calhoun	5	(D)	9	(D)
Cass	4	(D)	2	(D)
Charlevoix	3	(D)	1	(D)
Clinton	6	51	2	(D)
Delta	5	40	1	(D)
Dickinson	3	13	–	–
Eaton	6	41	–	–
Emmet	3	25	–	–
Genesee	6	(D)	3	(D)
Gratiot	7	21	1	(D)
Hillsdale	5	17	2	(D)
Houghton	6	60	2	(D)
Ingham	6	(D)	4	314
Ionia	5	41	3	(D)
Iosco	5	(D)	2	(D)
Jackson	5	14	4	21
Kalamazoo	4	15	3	(D)
Kalkaska	3	(D)	1	(D)
Lapeer	21	184	8	535
Lenawee	12	(D)	4	(D)
Livingston	3	14	1	(D)
Macomb	9	117	6	157
Manistee	4	10	1	(D)
Marquette	6	40	3	(D)
Mecosta	3	5	–	–
Monroe	10	100	6	39
Montcalm	9	33	4	(D)
Muskegon	3	11	–	–
Newaygo	5	9	–	–
Oakland	7	65	4	29
Oceana	3	20	2	(D)
Ogemaw	5	10	–	–
Osceola	3	8	–	–
Ottawa	9	368 016	7	832 502
Saginaw	4	18	3	14
St Clair	7	39	–	–
St Joseph	10	67	2	(D)
Sanilac	11	182	9	274
Shiawassee	6	88	4	(D)
Tuscola	10	56	4	34
Van Buren	9	76	4	95
Washtenaw	12	150	6	(D)
Wayne	8	(D)	5	5 713
All other counties	39	2 300	18	11 440
Farms not on mail list	336	1 582	349	2 094
TURKEY HENS KEPT FOR BREEDING				
Michigan	253	40 332	10	41 090
Allegan	6	23	–	–
Antrim	5	7 306	5	11 100
Barry	8	(D)	1	(D)
Branch	3	6	–	–
Calhoun	4	14	–	–
Cass	4	35	–	–
Eaton	5	15	–	–
Genesee	4	7	–	–
Gladwin	5	26	–	–
Hillsdale	5	16	–	–
Ionia	5	20	–	–
Isabella	4	25	–	–
Jackson	3	7	–	–
Lapeer	12	45	–	–
Lenawee	3	(D)	–	–
Livingston	3	13	–	–
Manistee	3	4	–	–
Mason	3	6	–	–
Menominee	4	29	–	–

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
TURKEY HENS KEPT FOR BREEDING—Con.				
Monroe	5	(D)	–	–
Montcalm	3	(D)	–	–
Newaygo	4	15	–	–
Ogemaw	4	11	–	–
Osceola	3	6	–	–
Ottawa	4	(D)	2	(D)
Saginaw	3	8	–	–
St Joseph	6	10	–	–
Sanilac	9	43	–	–
Tuscola	6	22	–	–
Van Buren	5	(D)	1	(D)
Washtenaw	9	37	–	–
All other counties	44	165	1	(D)
Farms not on mail list	59	236	–	–
DUCKS				
Michigan	2 124	94 607	433	65 536
Alcona	13	94	–	–
Alger	3	14	–	–
Allegan	54	8 132	7	(D)
Alpena	12	91	1	(D)
Antrim	6	50	1	(D)
Arenac	5	85	1	(D)
Baraga	3	(D)	–	–
Barry	22	(D)	4	(D)
Bay	9	128	2	(D)
Berrien	37	417	13	387
Branch	21	198	3	(D)
Calhoun	28	269	8	133
Cass	23	245	9	187
Cheboygan	3	(D)	–	–
Chippewa	9	52	2	(D)
Clare	8	167	3	140
Clinton	20	390	6	340
Crawford	3	14	–	–
Delta	9	90	4	50
Dickinson	4	32	1	(D)
Eaton	26	197	3	18
Emmet	3	16	–	–
Genesee	29	521	5	99
Gladwin	13	283	2	(D)
Gogebic	3	13	–	–
Grand Traverse	3	15	–	–
Gratiot	22	(D)	3	(D)
Hillsdale	28	299	5	84
Houghton	11	76	–	–
Huron	18	518	7	247
Ingham	21	263	2	(D)
Ionia	25	316	7	93
Iosco	14	117	–	–
Iron	3	(D)	2	(D)
Isabella	19	309	5	46
Jackson	24	406	3	(D)
Kalamazoo	13	114	3	12
Kalkaska	4	(D)	1	(D)
Kent	16	143	6	168
Lake	7	53	–	–
Lapeer	37	389	7	128
Leelanau	11	84	1	(D)
Lenawee	34	395	11	297
Livingston	16	235	5	106
Mackinac	5	22	1	(D)
Macomb	17	290	5	127
Manistee	17	93	–	–
Marquette	6	92	1	(D)
Mason	6	30	1	(D)
Mecosta	16	(D)	2	(D)
Menominee	19	235	4	541
Midland	11	157	3	40
Missaukee	9	78	–	–
Monroe	42	550	8	341
Montcalm	18	194	2	(D)
Muskegon	11	80	2	(D)
Newaygo	15	154	4	88
Oakland	23	322	6	134
Oceana	14	101	2	(D)
Ogemaw	3	13	–	–
Ontonagon	4	23	–	–
Osceola	12	65	–	–
Otsego	5	26	–	–
Ottawa	25	(D)	11	(D)
Presque Isle	4	19	–	–
Saginaw	40	651	4	(D)
St Clair	43	788	13	305
St Joseph	21	(D)	4	97
Sanilac	28	359	9	204
Shiawassee	26	323	6	52
Tuscola	30	390	6	195
Van Buren	29	(D)	4	37
Washtenaw	47	605	4	(D)
Wayne	20	199	4	60
Wexford	4	19	1	(D)
All other counties	13	115	1	(D)
Farms not on mail list	849	8 492	182	4 620

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

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
GEESE				
Michigan	1 424	12 703	261	7 090
Alcona	4	31	–	–
Allegan	30	184	2	(D)
Alpena	8	41	1	(D)
Baraga	3	10	–	–
Barry	18	182	4	(D)
Bay	8	47	2	(D)
Berrien	20	115	8	193
Branch	13	73	2	(D)
Calhoun	17	105	4	32
Cass	21	113	7	103
Charlevoix	5	12	–	–
Cheboygan	3	33	–	–
Chippewa	5	21	–	–
Clare	8	100	1	(D)
Clinton	19	153	2	(D)
Delta	7	38	1	(D)
Dickinson	3	31	–	–
Eaton	20	153	3	(D)
Genesee	21	238	6	99
Gladwin	14	158	4	(D)
Grand Traverse	4	23	–	–
Gratiot	14	69	1	(D)
Hillsdale	26	217	5	82
Huron	4	22	3	(D)
Ingham	13	75	3	12
Ionia	13	229	4	14
Iosco	11	63	1	(D)
Isabella	14	186	4	26
Jackson	15	62	–	–
Kalamazoo	11	120	2	(D)
Kalkaska	3	7	–	–
Kent	13	74	6	91
Lake	3	(D)	1	(D)
Lapeer	36	271	9	76
Leelanau	8	48	1	(D)
Lenawee	22	148	5	57
Livingston	6	67	4	(D)
Macomb	17	270	2	(D)
Manistee	8	24	–	–
Marquette	5	21	–	–
Mason	4	26	–	–
Mecosta	11	(D)	1	(D)
Menominee	5	204	2	(D)
Midland	13	56	3	11
Missaukee	3	11	–	–
Monroe	25	166	8	121
Montcalm	18	91	1	(D)
Muskegon	7	36	2	(D)
Newaygo	7	41	2	(D)
Oakland	23	131	3	(D)
Oceana	3	25	2	(D)
Ogemaw	6	25	2	(D)
Osceola	6	43	1	(D)
Otsego	3	13	–	–
Ottawa	13	63	3	(D)
Presque Isle	4	15	–	–
Saginaw	27	235	3	34
St Clair	32	150	5	33
St Joseph	15	117	4	19
Sanilac	14	84	3	20
Shiawassee	23	137	2	(D)
Tuscola	25	405	5	(D)
Van Buren	27	203	6	53
Washtenaw	43	878	9	(D)
Wayne	15	88	5	81
Wexford	3	(D)	1	(D)
All other counties	13	63	2	(D)
Farms not on mail list	543	3 125	88	352
PIGEONS OR SQUAB				
Michigan	89	3 828	14	429
Allegan	4	196	2	(D)
Berrien	3	170	1	(D)
Isabella	3	(D)	1	(D)
Macomb	3	(D)	–	–
Saginaw	3	(D)	–	–
St Clair	5	536	1	(D)
All other counties	33	1 347	9	371
Farms not on mail list	35	1 225	–	–

All Farms	Inventory		Sales	
	Farms	Number	Farms	Number
PHEASANTS				
Michigan	45	(D)	21	(D)
Calhoun	3	63	2	(D)
Marquette	3	(D)	1	(D)
Muskegon	3	116	2	(D)
St Clair	3	(D)	–	–
All other counties	33	44 019	16	138 797
QUAIL				
Michigan	21	1 427	5	1 876
Mecosta	3	230	–	–
All other counties	18	1 197	5	1 876
OTHER POULTRY				
Michigan	269	3 934	16	(D)
Alpena	4	132	1	(D)
Barry	4	18	–	–
Berrien	8	74	–	–
Calhoun	6	41	1	(D)
Clinton	3	14	–	–
Gladwin	3	(D)	2	(D)
Gratiot	3	(D)	–	–
Hillsdale	7	134	3	63
Iosco	3	(D)	–	–
Jackson	7	31	1	(D)
Kalamazoo	4	(D)	1	(D)
Kent	4	53	–	–
Lapeer	6	112	1	(D)
Macomb	3	(D)	–	–
Montcalm	3	(D)	–	–
Saginaw	3	15	–	–
St Clair	3	(D)	–	–
St Joseph	4	19	–	–
Shiawassee	7	56	1	(D)
All other counties	55	1 542	5	3 540
Farms not on mail list	129	899	–	–
POULTRY HATCHED (SEE TEXT)				
Michigan	313	2 275 317	547	12 331 142
Alcona	3	300	6	276
Allegan	4	686	13	484
Barry	3	460	12	760
Berrien	4	524	10	219
Calhoun	5	1 450	4	466
Cass	8	36 248	7	(D)
Chippewa	3	200	3	(D)
Clare	3	300	2	(D)
Clinton	5	(D)	10	1 497
Eaton	5	(D)	9	(D)
Gratiot	5	(D)	6	(D)
Houghton	3	225	5	(D)
Ingham	3	1 000	9	302
Iosco	3	179	3	35
Isabella	3	(D)	9	256
Jackson	4	(D)	6	183
Kalamazoo	5	3 325	6	(D)
Kent	3	160	8	369
Lapeer	6	9 700	11	(D)
Lenawee	9	3 904	16	615
Livingston	3	246	11	478
Macomb	8	4 200	7	(D)
Mecosta	3	(D)	5	217
Midland	3	250	6	211
Montcalm	3	(D)	3	(D)
Oakland	4	(D)	13	414
Ottawa	4	982 012	6	(D)
Saginaw	7	8 338	14	265
St Clair	9	(D)	20	(D)
St Joseph	3	150	11	1 142
Sanilac	6	600	12	395
Tuscola	4	1 340	15	636
Van Buren	7	1 675	11	249
Washtenaw	12	1 754	12	1 195
All other counties	31	285 944	153	920 403
Farms not on mail list	119	14 950	93	304

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					
Michigan	12 168	54 033	2 639	7 592	8 958
Alcona	62	254	12	31	26
Alger	19	43	4	9	3
Allegan	283	1 374	66	170	108
Alpena	69	392	19	37	27
Antrim	42	190	5	10	5
Arenac	51	144	7	23	6
Baraga	19	54	3	4	1
Barry	204	818	38	100	100
Bay	56	277	4	10	8
Benzie	17	78	5	15	5
Berrien	213	900	48	135	113
Branch	189	1 094	49	172	157
Calhoun	253	1 310	50	174	153
Cass	155	718	31	107	55
Charlevoix	56	403	11	47	14
Cheboygan	38	142	7	24	6
Chippewa	103	432	13	36	27
Clare	67	260	15	41	14
Clinton	185	1 055	46	151	121
Crawford	3	8	2	(D)	(D)
Delta	56	199	13	38	14
Dickinson	31	174	12	54	22
Eaton	279	1 158	46	122	77
Emmet	42	186	11	30	16
Genesee	188	900	56	190	353
Gladwin	68	242	14	34	22
Gogebic	13	34	5	6	1
Grand Traverse	66	308	12	30	24
Gratiot	117	402	19	53	36
Hillsdale	274	1 250	57	177	87
Houghton	32	122	5	29	2
Huron	95	306	18	30	12
Ingham	210	1 134	59	163	235
Ionia	164	652	26	74	47
Iosco	47	186	6	11	6
Iron	28	129	3	(D)	(D)
Isabella	137	668	33	98	147
Jackson	247	1 678	52	227	223
Kalamazoo	162	1 107	46	249	148
Kalkaska	8	25	2	(D)	(D)
Kent	237	957	47	129	149
Keweenaw	3	5	–	–	–
Lake	26	83	1	(D)	(D)
Lapeer	303	1 674	86	352	518
Leelanau	39	127	6	25	30
Lenawee	207	1 094	48	115	114
Livingston	193	1 164	58	146	232
Luce	10	33	2	(D)	(D)
Mackinac	15	47	3	3	(D)
Macomb	106	613	26	61	94
Manistee	41	178	5	9	(D)
Marquette	32	178	8	18	31
Mason	62	253	16	53	19
Mecosta	126	457	22	46	18
Menominee	63	278	17	56	22
Midland	67	366	15	91	79
Missaukee	53	203	11	38	25
Monroe	140	812	42	128	183
Montcalm	173	655	26	52	30
Montmorency	23	170	3	(D)	7
Muskegon	98	523	27	68	36
Newaygo	161	647	33	109	58
Oakland	200	2 232	105	361	733
Oceana	101	482	22	123	75
Ogemaw	38	171	7	42	15
Ontonagon	31	139	10	20	12
Osceola	116	489	24	67	25
Oscoda	24	181	10	17	11
Otsego	19	100	4	5	2
Ottawa	216	994	50	161	176
Presque Isle	27	85	2	(D)	(D)
Roscommon	12	156	5	38	13
Saginaw	115	515	26	75	80
St Clair	210	930	55	167	194
St Joseph	238	1 265	53	124	106
Sanilac	216	749	33	65	43
Schoolcraft	12	57	3	6	(D)
Shiawassee	182	1 017	55	238	601
Tuscola	168	587	26	83	61
Van Buren	201	878	44	123	95
Washtenaw	297	2 075	89	284	427
Wayne	56	537	31	98	266
Wexford	34	109	4	13	12
Farms not on mail list	3 129	8 962	549	1 004	1 899
MULES, BURROS, AND DONKEYS					
Michigan	290	482	21	34	4
Allegan	9	14	2	(D)	(D)
Barry	8	17	2	(D)	(D)
Berrien	5	11	–	–	–
Branch	7	10	–	–	–
Calhoun	7	28	3	3	(D)
Clare	3	4	1	(D)	(D)
Clinton	4	4	–	–	–

All Farms	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS—Con.					
Eaton	13	20	–	–	–
Genesee	5	10	–	–	–
Gratiot	3	(D)	–	–	–
Hillsdale	6	18	–	–	–
Ingham	9	12	–	–	–
Ionia	5	8	–	–	–
Isabella	6	12	–	–	–
Jackson	7	11	–	–	–
Kalamazoo	12	15	1	(D)	(D)
Kent	4	5	1	(D)	(D)
Lapeer	6	11	1	(D)	(D)
Lenawee	7	7	1	(D)	(D)
Livingston	7	12	2	(D)	(D)
Mason	3	3	–	–	–
Mecosta	6	7	1	(D)	(D)
Midland	3	(D)	–	–	–
Montcalm	6	9	–	–	–
Newaygo	9	14	–	–	–
Oakland	4	4	–	–	–
Osceola	4	5	1	(D)	(D)
Saginaw	3	4	–	–	–
St Joseph	5	8	–	–	–
Sanilac	3	3	–	–	–
Shiawassee	7	18	–	–	–
Tuscola	7	17	–	–	–
Van Buren	5	8	–	–	–
Washtenaw	13	26	2	(D)	(D)
Wayne	5	5	–	–	–
All other counties	40	68	3	9	1
Farms not on mail list	34	34	–	–	–
RABBITS AND THEIR PELTS					
Michigan	741	15 489	157	42 192	177
Alcona	4	(D)	2	(D)	(D)
Allegan	10	146	4	(D)	(D)
Alpena	5	129	2	(D)	(D)
Antrim	3	(D)	4	(D)	1
Barry	4	18	2	(D)	(D)
Berrien	10	117	2	(D)	(D)
Branch	4	51	3	(D)	(D)
Cass	4	12	2	(D)	(D)
Clinton	7	123	2	(D)	(D)
Delta	4	21	1	(D)	(D)
Eaton	10	168	2	(D)	(D)
Genesee	4	152	4	(D)	(D)
Gladwin	3	29	1	(D)	(D)
Gratiot	4	283	4	(D)	(D)
Hillsdale	4	(D)	1	(D)	(D)
Ingham	7	60	2	(D)	(D)
Isabella	4	63	1	(D)	(D)
Kalamazoo	7	(D)	3	(D)	(D)
Kent	16	1 813	13	5 991	18
Lake	3	18	1	(D)	(D)
Lapeer	13	548	9	1 293	4
Leelanau	3	12	1	(D)	(D)
Lenawee	5	36	1	(D)	(D)
Livingston	5	141	3	73	(D)
Macomb	5	51	1	(D)	(D)
Marquette	4	21	1	(D)	(D)
Mecosta	6	(D)	3	(D)	(D)
Monroe	10	199	6	371	1
Montcalm	5	(D)	2	(D)	(D)
Newaygo	7	188	2	(D)	(D)
Oakland	7	88	4	(D)	(D)
Osceola	5	43	1	(D)	(D)
Ottawa	11	517	8	588	2
Saginaw	5	31	1	(D)	(D)
St Clair	12	519	11	1 309	4
St Joseph	8	133	2	(D)	(D)
Sanilac	5	421	5	653	2
Shiawassee	10	770	4	(D)	5
Van Buren	7	226	5	298	1
Washtenaw	9	305	4	(D)	(D)
Wayne	4	116	3	(D)	(D)
All other counties	41	1 135	24	2 941	9
Farms not on mail list	437	4 283	–	–	–
CHINCHILLAS AND THEIR PELTS					
Michigan	13	2 635	13	2 133	52
Berrien	3	340	3	680	17
Oakland	4	1 177	4	479	12
All other counties	6	1 118	6	974	23
WORMS (SEE TEXT)					
Michigan	44	197	43	23 732	59
All other counties	9	57	8	9 732	24
Farms not on mail list	35	140	35	14 000	35
OTHER LIVESTOCK					
Michigan	27	(X)	14	(X)	2 369
Kalamazoo	3	(X)	2	(X)	(D)
All other counties	24	(X)	12	(X)	(D)

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)					
Michigan	35 407	2 385 858	188 175 469	803	99 378
Alcona	37	948	67 828	–	–
Allegan	1 228	85 238	6 681 507	22	1 400
Alpena	114	4 108	241 784	1	(D)
Antrim	89	5 254	447 023	3	(D)
Arenac	270	15 193	1 194 017	1	(D)
Baraga	3	42	(D)	–	–
Barry	644	37 212	2 959 862	15	1 415
Bay	656	45 511	4 293 005	12	561
Benzie	23	475	39 064	–	–
Berrien	753	43 223	3 670 326	10	1 175
Branch	984	90 154	7 063 566	89	13 805
Calhoun	948	77 198	6 324 605	39	4 575
Cass	776	66 222	5 992 000	45	6 372
Charlevoix	94	2 970	243 799	–	–
Cheboygan	28	1 214	64 680	1	(D)
Chippewa	5	255	16 420	–	–
Clare	136	6 098	421 955	–	–
Clinton	1 009	54 775	4 231 907	10	586
Delta	35	1 273	96 380	–	–
Dickinson	13	298	25 074	–	–
Eaton	1 000	60 046	5 331 906	12	829
Emmet	50	1 929	137 248	–	–
Genesee	484	37 873	2 385 011	1	(D)
Gladwin	217	9 985	660 421	–	–
Grand Traverse	130	6 597	456 487	–	–
Gratiot	934	72 669	6 362 857	8	357
Hillsdale	1 202	91 571	6 609 043	29	3 235
Houghton	5	157	15 058	–	–
Huron	1 297	92 589	7 803 682	1	(D)
Ingham	728	77 589	6 628 515	6	446
Ionia	904	59 968	4 955 073	10	567
Iosco	92	4 582	326 309	–	–
Isabella	665	44 305	3 102 290	7	434
Jackson	817	75 574	5 839 418	19	5 538
Kalamazoo	568	55 872	4 691 595	42	4 638
Kalkaska	38	1 966	143 829	2	(D)
Kent	814	54 707	4 701 194	12	1 087
Lake	46	799	51 148	–	–
Lapeer	732	50 427	3 216 879	2	(D)
Leelanau	86	2 947	191 305	1	(D)
Lenawee	1 287	119 132	10 168 256	12	2 409
Livingston	436	31 562	2 140 725	2	(D)
Mackinac	6	223	17 774	–	–
Macomb	372	18 775	1 147 711	–	–
Manistee	109	2 035	132 305	–	–
Mason	226	12 983	860 740	7	294
Mecosta	385	16 119	1 054 483	7	649
Menominee	138	6 647	460 193	–	–
Midland	325	22 406	2 022 832	3	280
Missaukee	160	6 553	452 668	13	565
Monroe	889	60 341	5 024 736	9	493
Montcalm	820	44 924	3 192 454	74	6 047
Montmorency	27	1 514	101 304	–	–
Muskegon	246	18 170	1 378 709	2	(D)
Newaygo	491	20 274	1 335 344	13	457
Oakland	166	13 392	744 379	1	(D)
Oceana	294	9 454	710 890	4	354
Ogemaw	142	5 924	395 536	–	–
Osceola	190	5 993	429 747	6	306
Oscoda	31	730	46 029	–	–
Otsego	31	751	38 141	–	–
Ottawa	895	48 859	3 984 303	22	805
Presque Isle	56	1 518	104 851	–	–
Roscommon	3	(D)	(D)	–	–
Saginaw	988	61 213	5 155 525	4	316
St Clair	614	39 605	2 293 553	–	–
St Joseph	837	84 038	7 771 003	161	31 956
Sanilac	1 171	81 643	5 707 565	2	(D)
Schoolcraft	3	48	3 888	–	–
Shiawassee	767	45 796	3 054 638	4	271
Tuscola	1 118	92 828	7 459 751	7	491
Van Buren	690	45 726	3 760 997	32	3 721
Washtenaw	917	70 024	5 273 975	13	1 367
Wayne	94	5 931	383 045	1	(D)
Wexford	89	2 747	184 310	4	(D)
All other counties	9	(D)	8 796	–	–
Farms not on mail list	1 731	47 873	3 477 505	–	–
SORGHUMS FOR GRAIN OR SEED (BUSHELS)					
Michigan	94	2 672	154 212	1	(D)
Branch	6	221	12 215	–	–
Cass	24	802	56 918	–	–
Gratiot	4	99	3 118	–	–
Isabella	3	100	2 450	–	–
Kalamazoo	9	225	13 505	–	–
Saginaw	3	34	2 517	–	–
St Joseph	14	275	18 119	1	(D)
Shiawassee	3	65	2 150	–	–
Van Buren	8	284	17 360	–	–
All other counties	20	567	25 860	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN (BUSHELS)					
Michigan	14 383	382 166	15 044 875	24	1 191
Alcona	23	448	14 705	–	–
Allegan	349	5 888	192 416	1	(D)
Alpena	77	998	28 580	–	–
Antrim	17	788	26 132	–	–
Arenac	90	2 409	115 761	–	–
Baraga	3	(D)	(D)	–	–
Barry	302	8 431	307 831	–	–
Bay	281	5 083	228 721	–	–
Benzie	3	(D)	(D)	–	–
Berrien	192	4 618	149 868	2	(D)
Branch	357	8 963	289 456	–	–
Calhoun	519	15 535	591 998	–	–
Cass	204	6 259	218 420	1	(D)
Charlevoix	9	101	3 603	–	–
Cheboygan	10	158	3 660	–	–
Chippewa	27	573	12 770	–	–
Clare	48	797	29 821	–	–
Clinton	645	15 130	630 062	–	–
Delta	5	64	1 116	–	–
Eaton	614	20 039	835 709	2	(D)
Emmet	13	62	2 003	–	–
Genesee	241	7 201	300 280	–	–
Gladwin	55	1 172	45 854	–	–
Grand Traverse	41	791	19 676	1	(D)
Gratiot	349	8 944	382 031	–	–
Hillsdale	418	8 836	305 665	1	(D)
Huron	542	14 208	706 313	–	–
Ingham	330	10 350	452 154	–	–
Ionia	518	15 555	655 338	–	–
Iosco	20	566	22 035	–	–
Isabella	231	4 926	200 373	–	–
Jackson	292	8 550	326 774	1	(D)
Kalamazoo	281	12 017	451 708	–	–
Kalkaska	14	505	7 394	–	–
Kent	230	6 416	245 011	–	–
Lake	11	172	3 851	–	–
Lapeer	253	6 754	283 033	–	–
Leelanau	19	245	4 076	–	–
Lenawee	790	25 175	1 124 609	–	–
Livingston	213	5 507	218 737	–	–
Mackinac	7	134	3 891	–	–
Macomb	204	3 965	150 013	–	–
Manistee	32	276	5 898	–	–
Mason	120	2 669	74 643	–	–
Mecosta	110	2 225	66 320	1	(D)
Menominee	10	291	6 266	–	–
Midland	77	1 548	67 651	–	–
Missaukee	27	584	15 963	–	–
Monroe	542	14 874	582 414	–	–
Montcalm	401	13 116	417 028	7	283
Montmorency	13	176	4 670	–	–
Muskegon	50	888	30 730	–	–
Newaygo	93	1 154	38 995	–	–
Oakland	73	2 781	101 621	–	–
Oceana	55	1 049	32 095	–	–
Ogemaw	38	704	18 864	–	–
Ontonagon	9	105	3 029	–	–
Osceola	61	887	22 426	1	(D)
Otsego	7	46	998	1	(D)
Ottawa	246	3 456	104 588	1	(D)
Presque Isle	39	619	15 578	–	–
Saginaw	406	9 802	473 961	–	–
St Clair	343	8 202	292 872	1	(D)
St Joseph	287	9 548	297 687	3	128
Sanilac	405	10 166	403 809	–	–
Shiawassee	482	13 472	542 705	–	–
Tuscola	442	12 926	658 519	–	–
Van Buren	125	2 642	84 364	–	–
Washtenaw	556	15 996	664 974	–	–
Wayne	44	996	31 202	–	–
Wexford	20	717	14 994	–	–
All other counties	6	61	1 280	–	–
Farms not on mail list	417	11 768	374 898	–	–
BARLEY FOR GRAIN (BUSHELS)					
Michigan	754	19 414	921 222	1	(D)
Alger	15	367	10 936	–	–
Allegan	5	56	2 028	–	–
Alpena	7	123	6 040	–	–
Baraga	8	286	13 685	–	–
Barry	8	280	7 245	–	–
Bay	5	30	1 920	–	–
Berrien	8	59	1 461	–	–
Branch	3	68	(D)	–	–
Calhoun	10	146	6 650	–	–
Cass	12	191	8 431	–	–
Charlevoix	4	87	3 456	–	–
Cheboygan	14	142	4 720	–	–
Chippewa	12	212	7 225	–	–
Clare	4	(D)	(D)	–	–
Clinton	10	294	17 306	1	(D)
Delta	57	1 423	65 592	–	–
Dickinson	13	318	13 140	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)—Con.					
Eaton	9	72	3 273	–	–
Emmet	8	54	1 660	–	–
Genesee	4	82	2 870	–	–
Gladwin	3	40	1 730	–	–
Houghton	8	88	2 185	–	–
Huron	53	1 883	96 382	–	–
Ingham	9	134	6 160	–	–
Ionia	13	243	11 428	–	–
Iron	7	99	4 920	–	–
Isabella	18	780	35 592	–	–
Jackson	5	72	2 650	–	–
Kalamazoo	5	52	1 280	–	–
Kent	4	53	1 910	–	–
Lapeer	15	520	27 973	–	–
Lenawee	7	52	1 770	–	–
Luce	3	(D)	(D)	–	–
Mackinac	10	140	5 201	–	–
Macomb	3	28	1 400	–	–
Marquette	6	140	5 225	–	–
Menominee	104	2 634	108 713	–	–
Missaukee	5	74	1 650	–	–
Monroe	5	215	6 362	–	–
Montcalm	12	324	14 723	–	–
Oakland	4	133	3 100	–	–
Ogemaw	4	88	6 150	–	–
Ontonagon	13	91	3 283	–	–
Osceola	4	26	1 275	–	–
Otsego	5	105	6 471	–	–
Ottawa	12	287	12 225	–	–
Presque Isle	17	189	6 600	–	–
Saginaw	11	235	13 000	–	–
St Clair	9	113	3 695	–	–
St Joseph	3	16	565	–	–
Sanilac	27	1 185	63 631	–	–
Schoolcraft	7	98	2 810	–	–
Shiawassee	16	272	12 067	–	–
Tuscola	63	3 871	235 204	–	–
Van Buren	8	145	7 611	–	–
Washtenaw	14	215	5 073	–	–
All other counties	26	410	18 260	–	–
BUCKWHEAT (BUSHELS)					
Michigan	69	698	10 639	2	(D)
Antrim	3	22	310	–	–
Clinton	4	22	386	–	–
Manistee	3	29	365	–	–
Mecosta	3	14	105	–	–
Montcalm	4	68	730	–	–
Ottawa	4	24	(D)	2	(D)
Saginaw	4	64	(D)	–	–
St Clair	3	35	615	–	–
Sanilac	3	76	1 288	–	–
Shiawassee	4	22	410	–	–
All other counties	34	322	5 766	–	–
EMMER AND SPELT (BUSHELS)					
Michigan	77	1 069	59 676	–	–
Allegan	12	133	5 896	–	–
Barry	7	143	7 725	–	–
Berrien	5	43	1 780	–	–
Kent	6	73	4 820	–	–
Ottawa	12	153	8 956	–	–
St Clair	7	71	4 449	–	–
Washtenaw	3	62	3 980	–	–
All other counties	25	391	22 070	–	–
MIXED GRAINS (BUSHELS)					
Michigan	11	201	10 558	–	–
Montcalm	3	67	1 893	–	–
All other counties	8	134	8 665	–	–
OATS FOR GRAIN (BUSHELS)					
Michigan	18 576	408 148	23 368 531	27	643
Alcona	93	1 931	98 869	–	–
Alger	22	414	18 929	–	–
Allegan	414	6 742	350 108	–	–
Alpena	243	6 897	326 014	–	–
Antrim	36	978	37 041	–	–
Arenac	175	3 913	252 403	–	–
Baraga	36	710	29 609	–	–
Barry	266	5 763	333 810	–	–
Bay	212	2 792	181 186	1	(D)
Benzie	6	59	1 752	–	–
Berrien	99	1 393	68 057	–	–
Branch	243	4 185	213 326	2	(D)
Calhoun	455	10 056	554 165	–	–
Cass	171	3 224	147 346	–	–
Charlevoix	62	807	34 503	–	–
Cheboygan	86	1 996	68 828	1	(D)
Chippewa	217	6 898	265 834	–	–
Clare	90	1 719	89 590	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)—Con.					
Clinton	590	10 541	645 549	1	(D)
Delta	163	4 562	200 812	–	–
Dickinson	51	1 626	70 260	1	(D)
Eaton	428	8 239	533 722	2	(D)
Emmet	65	1 167	47 306	–	–
Genesee	351	8 916	562 968	–	–
Gladwin	153	3 131	167 503	–	–
Gogebic	25	288	12 844	–	–
Grand Traverse	73	1 119	45 877	1	(D)
Gratiot	433	9 475	604 251	1	(D)
Hillsdale	363	6 403	333 766	1	(D)
Houghton	94	1 897	67 788	–	–
Huron	985	25 326	1 736 208	–	–
Ingham	298	6 337	398 689	–	–
Ionia	534	12 914	717 100	3	9
Iosco	81	1 953	103 274	–	–
Iron	48	1 791	82 556	–	–
Isabella	383	8 911	502 866	2	(D)
Jackson	344	7 430	406 337	1	(D)
Kalamazoo	191	4 454	226 613	1	(D)
Kalkaska	14	225	6 942	–	–
Kent	430	8 828	463 000	–	–
Lake	26	430	18 198	–	–
Lapeer	463	10 318	630 955	–	–
Leelanau	59	739	28 108	–	–
Lenawee	428	8 249	518 603	–	–
Livingston	216	5 061	291 870	–	–
Luce	9	399	13 180	–	–
Mackinac	46	1 406	53 532	–	–
Macomb	182	3 061	179 008	–	–
Manistee	40	417	21 690	–	–
Marquette	43	937	46 243	–	–
Mason	129	2 200	109 433	–	–
Mecosta	160	2 628	104 568	1	(D)
Menominee	279	6 986	342 145	–	–
Midland	126	1 788	114 114	–	–
Missaukee	159	3 323	143 383	1	(D)
Monroe	312	4 523	313 082	–	–
Montcalm	384	8 549	398 633	4	133
Montmorency	52	1 942	94 222	–	–
Muskegon	132	1 969	107 823	–	–
Newaygo	181	2 931	137 511	–	–
Oakland	71	1 689	88 434	–	–
Oceana	80	1 034	53 234	1	(D)
Ogemaw	141	3 110	168 468	–	–
Ontonagon	82	1 740	71 982	–	–
Osceola	191	3 460	159 404	1	(D)
Oscoda	20	252	7 775	–	–
Otsego	61	1 603	38 762	–	–
Ottawa	387	6 064	311 493	–	–
Presque Isle	231	6 159	251 568	–	–
Saginaw	490	8 554	602 143	–	–
St Clair	406	7 950	485 406	–	–
St Joseph	135	2 437	109 879	1	(D)
Sanilac	1 161	37 942	2 529 719	–	–
Schoolcraft	24	731	35 660	–	–
Shiawassee	603	17 522	1 054 987	–	–
Tuscola	614	15 171	1 046 738	–	–
Van Buren	102	1 758	79 402	–	–
Washtenaw	542	12 995	793 498	–	–
Wayne	31	445	20 695	–	–
Wexford	48	805	31 162	–	–
All other counties	6	132	4 400	–	–
Farms not on mail list	701	12 729	749 820	–	–
POPCORN (POUNDS, SHELLED)					
Michigan	99	2 158	5 956 109	8	1 094
Calhoun	3	(D)	(D)	–	–
St Joseph	13	903	3 516 577	6	(D)
All other counties	24	662	1 816 718	2	(D)
Farms not on mail list	59	(D)	(D)	–	–
RYE FOR GRAIN (BUSHELS)					
Michigan	769	14 323	324 771	2	(D)
Allegan	29	367	10 125	–	–
Alpena	6	38	1 105	–	–
Antrim	5	63	1 172	–	–
Arenac	5	38	866	–	–
Barry	5	121	3 305	–	–
Bay	12	88	3 086	–	–
Benzie	3	31	340	–	–
Berrien	23	314	5 963	–	–
Branch	10	135	3 401	–	–
Calhoun	16	247	8 341	1	(D)
Cass	16	269	6 302	–	–
Charlevoix	4	19	730	–	–
Cheboygan	3	15	(D)	–	–
Clinton	21	212	6 850	–	–
Eaton	4	42	1 940	–	–
Genesee	6	114	1 885	–	–
Grand Traverse	13	291	6 620	–	–
Gratiot	9	193	5 901	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
RYE FOR GRAIN (BUSHELS)—Con.					
Hillsdale	3	(D)	(D)	–	–
Huron	4	57	2 761	–	–
Ingham	18	270	9 579	–	–
Ionia	6	313	2 510	–	–
Isabella	15	327	5 116	–	–
Jackson	9	173	4 608	–	–
Kalamazoo	10	175	6 915	–	–
Kalkaska	3	27	(D)	–	–
Kent	23	430	11 076	–	–
Lake	4	36	975	–	–
Lapeer	6	76	1 875	–	–
Leelanau	7	149	4 370	–	–
Lenawee	9	113	3 317	–	–
Livingston	6	58	1 890	–	–
Macomb	6	117	2 472	–	–
Manistee	7	269	3 901	–	–
Mason	13	197	4 149	–	–
Mecosta	26	424	8 854	–	–
Midland	3	(D)	(D)	–	–
Missaukee	6	88	1 655	–	–
Monroe	5	32	785	–	–
Montcalm	70	2 329	52 823	–	–
Muskegon	9	82	2 140	–	–
Newaygo	15	204	4 710	–	–
Oceana	29	373	8 190	–	–
Ogemaw	3	38	800	–	–
Osceola	8	78	1 775	–	–
Otsego	3	14	225	–	–
Ottawa	27	484	9 365	–	–
Presque Isle	9	202	5 640	–	–
Saginaw	13	200	6 095	–	–
St Joseph	20	419	10 231	1	(D)
Sanilac	5	95	2 450	–	–
Shiawassee	13	244	5 713	–	–
Tuscola	24	521	17 765	–	–
Van Buren	17	244	6 207	–	–
Washtenaw	5	65	1 785	–	–
Wexford	6	81	1 850	–	–
All other counties	21	212	5 913	–	–
Farms not on mail list	93	2 417	33 100	–	–
SUNFLOWER SEED (POUNDS)					
Michigan	98	4 463	4 713 048	1	(D)
Barry	15	644	617 980	–	–
Eaton	8	368	458 758	–	–
Grand Traverse	3	(D)	(D)	–	–
Ionia	3	133	136 230	–	–
Mason	5	475	344 979	–	–
Montcalm	4	(D)	(D)	–	–
Ottawa	4	99	130 800	–	–
Sanilac	10	966	1 085 600	–	–
Shiawassee	5	39	58 400	1	(D)
Tuscola	6	298	273 200	–	–
Washtenaw	7	133	166 122	–	–
All other counties	28	947	1 158 510	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)					
Michigan	14 506	898 071	21 355 414	201	11 307
Allegan	42	1 063	26 389	3	16
Alpena	5	397	8 555	–	–
Arenac	122	5 657	111 352	1	(D)
Barry	83	3 453	95 494	3	79
Bay	359	14 812	359 092	1	(D)
Berrien	479	21 097	601 013	9	461
Branch	572	32 032	719 026	42	3 368
Calhoun	274	13 607	325 273	15	898
Cass	343	18 963	495 703	7	284
Chippewa	4	68	1 940	–	–
Clare	4	73	(D)	–	–
Clinton	820	43 224	1 036 815	5	137
Eaton	342	17 346	484 766	4	(D)
Genesee	401	27 068	531 710	1	(D)
Gladwin	41	1 417	33 902	–	–
Grand Traverse	3	28	380	–	–
Gratiot	733	45 171	1 215 342	3	50
Hillsdale	623	30 185	573 348	5	129
Huron	167	5 960	125 604	–	–
Ingham	229	17 317	482 458	2	(D)
Ionia	240	11 895	331 600	1	(D)
Iosco	8	207	4 467	–	–
Isabella	155	6 995	180 753	–	–
Jackson	81	3 686	88 092	1	(D)
Kalamazoo	213	14 456	375 885	7	570
Kent	15	701	23 441	–	–
Lapeer	96	3 804	74 507	–	–
Lenawee	1 200	110 619	2 993 936	4	145
Livingston	47	2 348	55 044	–	–
Macomb	222	12 990	280 368	1	(D)
Mecosta	5	171	(D)	–	–
Midland	212	12 605	364 816	–	–
Monroe	1 200	100 566	2 343 192	7	149
Montcalm	131	5 662	133 444	8	285
Muskegon	5	368	11 210	–	–
Newaygo	7	77	1 593	–	–
Oakland	18	746	14 309	–	–
Oceana	4	150	2 800	–	–
Ogemaw	5	379	4 617	–	–
Osceola	3	(D)	(D)	–	–
Ottawa	18	759	19 622	1	(D)
Presque Isle	3	(D)	(D)	–	–
Saginaw	1 309	110 183	2 787 814	–	–
St Clair	494	31 072	524 312	1	(D)
St Joseph	440	26 930	636 037	59	3 694
Sanilac	397	23 700	405 734	1	(D)
Shiawassee	806	58 646	1 215 750	–	–
Tuscola	294	14 907	334 747	–	–
Van Buren	156	6 585	153 267	4	197
Washtenaw	283	15 835	352 650	4	54
Wayne	185	11 283	199 557	–	–
All other counties	16	786	18 318	1	(D)
Farms not on mail list	592	9 622	180 558	–	–
DRY FIELD AND SEED BEANS (100-LB BAGS)					
Michigan	5 458	454 585	5 310 200	68	7 726
Alpena	14	1 516	10 704	–	–
Antrim	8	725	6 401	–	–
Arenac	118	9 733	107 184	–	–
Barry	15	1 438	21 489	–	–
Bay	625	47 991	561 037	2	(D)
Berrien	4	(D)	(D)	1	(D)
Charlevoix	3	142	1 784	–	–
Cheboygan	3	507	3 674	–	–
Clinton	116	6 929	73 919	2	(D)
Delta	10	1 129	10 042	–	–
Eaton	156	13 330	174 879	3	(D)
Genesee	9	540	4 620	–	–
Gladwin	19	1 772	16 195	–	–
Grand Traverse	3	142	1 450	–	–
Gratiot	502	39 837	495 541	4	170
Huron	942	81 378	1 018 167	–	–
Ingham	13	1 743	23 499	–	–
Ionia	86	7 944	125 835	1	(D)
Iosco	7	276	2 639	–	–
Isabella	153	9 704	125 875	5	245
Kalamazoo	3	63	585	–	–
Kent	13	1 129	17 069	2	(D)
Lapeer	66	7 052	74 068	–	–
Macomb	5	(D)	(D)	–	–
Manistee	5	805	11 655	3	411
Mecosta	24	2 522	36 041	7	1 086
Midland	161	13 298	179 412	–	–
Montcalm	193	17 953	214 602	31	4 322
Newaygo	7	287	2 551	–	–
Presque Isle	40	2 982	27 956	–	–
Saginaw	550	41 621	482 268	1	(D)
St Clair	87	4 925	39 430	–	–
Sanilac	529	49 309	442 424	1	(D)
Shiawassee	79	4 023	40 838	–	–
Tuscola	623	67 057	776 409	3	360
All other counties	27	1 833	18 905	2	(D)
Farms not on mail list	240	12 660	157 680	–	–
DRY LIMA BEANS (100-LB BAGS)					
Michigan	12	625	8 781	–	–
Gratiot	9	602	8 502	–	–
All other counties	3	23	279	–	–
DRY FIELD AND SEED PEAS (POUNDS)					
Michigan	6	290	534 000	2	(D)
Sanilac	3	190	424 000	–	–
All other counties	3	100	110 000	2	(D)

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (HUNDREDWEIGHT)					
Michigan	851	43 903	10 025 708	216	21 409
Alger	4	4	600	–	–
Allegan	19	1 147	204 645	8	347
Alpena	6	(D)	6 012	–	–
Antrim	10	1 148	339 364	4	895
Arenac	12	1 835	325 181	3	(D)
Barry	7	15	1 627	1	(D)
Bay	88	5 323	1 080 732	30	2 335
Berrien	29	148	31 042	11	99
Calhoun	11	(D)	(D)	–	–
Cass	4	(D)	(D)	2	(D)
Charlevoix	6	30	5 149	1	(D)
Cheboygan	6	6	782	–	–
Clinton	8	(D)	(D)	2	(D)
Delta	20	979	210 738	4	(D)
Dickinson	16	1 527	397 610	8	809
Eaton	7	726	194 980	2	(D)
Emmet	14	528	104 335	2	(D)
Genesee	5	(D)	(D)	2	(D)
Grand Traverse	6	11	1 897	–	–
Gratiot	6	(D)	(D)	2	(D)
Houghton	29	569	75 933	–	–
Huron	11	293	36 110	–	–
Ingham	8	211	29 538	2	(D)
Ionia	5	(D)	(D)	–	–
Iosco	3	1	71	–	–
Iron	6	380	110 760	4	342
Isabella	7	(D)	(D)	1	(D)
Jackson	8	(D)	(D)	1	(D)
Kalamazoo	6	(D)	(D)	1	(D)
Kalkaska	6	(D)	(D)	1	(D)
Kent	13	796	228 315	7	688
Lapeer	13	587	116 050	1	(D)
Leelanau	6	120	24 115	1	(D)
Lenawee	4	(D)	(D)	–	–
Macomb	8	(D)	(D)	1	(D)
Manistee	9	644	183 960	6	641
Marquette	18	513	92 948	–	–
Mecosta	15	1 611	487 977	6	1 600
Menominee	10	31	4 438	–	–
Midland	5	(D)	(D)	1	(D)
Missaukee	7	251	50 670	4	154
Monroe	20	2 981	640 845	5	726
Montcalm	63	9 158	2 552 573	51	8 832
Newaygo	8	134	36 448	2	(D)
Oakland	5	10	2 135	2	(D)

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (HUNDREDWEIGHT)—Con.					
Oceana	8	66	7 992	2	(D)
Ogemaw	5	(D)	(D)	–	–
Osceola	11	196	22 685	–	–
Otsego	11	449	57 875	1	(D)
Ottawa	15	461	116 239	10	280
Presque Isle	44	2 036	359 942	5	161
Saginaw	8	300	(D)	1	(D)
St Clair	9	103	16 778	–	–
St Joseph	4	8	1 100	2	(D)
Sanilac	9	21	4 711	3	12
Schoolcraft	8	(D)	(D)	–	–
Shiawassee	4	370	77 700	–	–
Tuscola	21	1 954	339 370	8	1 064
Van Buren	13	48	8 452	2	(D)
Washtenaw	7	(D)	(D)	3	(D)
Wayne	6	(D)	(D)	–	–
Wexford	3	2	135	–	–
All other counties	28	352	69 879	–	–
Farms not on mail list	60	30	4 500	–	–
SWEETPOTATOES (BUSHELS)					
Michigan	14	133	21 328	4	(D)
Berrien	8	122	19 073	4	(D)
All other counties	6	10	2 255	–	–
SUGAR BEETS FOR SUGAR (TONS)					
Michigan	1 598	91 597	1 712 213	19	796
Arenac	45	2 223	39 768	1	(D)
Bay	345	16 346	293 432	12	366
Gladwin	5	263	4 655	–	–
Gratiot	55	3 385	67 760	–	–
Huron	337	16 909	326 342	–	–
Lenawee	25	2 287	41 616	1	(D)
Midland	27	2 820	54 745	–	–
Monroe	10	374	5 313	–	–
Saginaw	211	14 525	277 381	3	138
St Clair	11	690	11 404	1	(D)
Sanilac	93	7 981	140 180	–	–
Shiawassee	4	204	4 030	–	–
Tuscola	303	20 745	387 343	1	(D)
All other counties	7	325	5 444	–	–
Farms not on mail list	120	2 520	52 800	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
FIELD SEED CROPS					
Michigan	713	13 301	(X)	2	(D)
Allegan	24	261	(X)	–	–
Alpena	6	183	(X)	–	–
Antrim	3	(D)	(X)	–	–
Arenac	7	196	(X)	–	–
Barry	14	362	(X)	–	–
Bay	3	(D)	(X)	1	(D)
Berrien	9	105	(X)	–	–
Branch	19	421	(X)	–	–
Calhoun	25	531	(X)	–	–
Cass	5	139	(X)	–	–
Chippewa	33	1 155	(X)	–	–
Clare	7	56	(X)	–	–
Clinton	13	173	(X)	–	–
Eaton	53	1 125	(X)	–	–
Genesee	24	426	(X)	–	–
Gladwin	10	218	(X)	–	–
Gratiot	3	31	(X)	–	–
Hillsdale	12	196	(X)	–	–
Huron	13	157	(X)	–	–
Ingham	18	261	(X)	–	–
Ionia	27	559	(X)	–	–
Isabella	19	249	(X)	–	–
Jackson	29	388	(X)	–	–
Kalamazoo	9	146	(X)	–	–
Kent	7	173	(X)	–	–
Lake	3	39	(X)	–	–
Lapeer	20	251	(X)	–	–
Lenawee	10	218	(X)	–	–
Livingston	17	304	(X)	–	–
Mason	4	105	(X)	–	–
Mecosta	5	141	(X)	–	–
Monroe	4	43	(X)	–	–
Montcalm	19	364	(X)	–	–
Muskegon	6	97	(X)	1	(D)

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
FIELD SEED CROPS—Con.					
Newaygo	5	51	(X)	–	–
Ontonagon	9	506	(X)	–	–
Osceola	3	65	(X)	–	–
Ottawa	12	139	(X)	–	–
St Clair	22	299	(X)	–	–
St Joseph	20	363	(X)	–	–
Sanilac	25	431	(X)	–	–
Shiawassee	5	112	(X)	–	–
Tuscola	4	65	(X)	–	–
Van Buren	11	139	(X)	–	–
Washtenaw	32	630	(X)	–	–
All other counties	26	539	(X)	–	–
Farms not on mail list	59	826	(X)	–	–
ALFALFA SEED (POUNDS)					
Michigan	85	1 149	95 305	1	(D)
Clare	4	26	1 650	–	–
Genesee	6	54	3 640	–	–
Gladwin	9	162	12 333	–	–
Huron	3	40	(D)	–	–
Isabella	3	(D)	(D)	–	–
Lake	3	39	2 900	–	–
Lapeer	7	76	5 545	–	–
Mecosta	3	70	2 460	–	–
Montcalm	3	(D)	(D)	–	–
St Clair	8	94	4 190	–	–
Sanilac	9	123	6 720	–	–
All other counties	27	393	43 815	1	(D)
BIRDSFOOT TREFOIL SEED (POUNDS)					
Michigan	40	1 414	113 225	–	–
Chippewa	25	882	60 954	–	–
Ontonagon	9	476	48 171	–	–
All other counties	6	56	4 100	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
RED CLOVER SEED (POUNDS)					
Michigan	515	9 129	935 120	–	–
Allegan	21	218	23 326	–	–
Alpena	5	180	12 395	–	–
Arenac	5	86	11 440	–	–
Barry	14	362	35 653	–	–
Berrien	5	77	7 206	–	–
Branch	19	421	52 963	–	–
Calhoun	25	531	41 495	–	–
Cass	5	139	15 450	–	–
Chippewa	6	59	2 275	–	–
Clare	4	30	2 002	–	–
Clinton	10	155	13 464	–	–
Eaton	50	1 087	160 986	–	–
Genesee	20	372	30 225	–	–
Gladwin	3	(D)	(D)	–	–
Hillsdale	12	186	24 958	–	–
Huron	10	98	7 153	–	–
Ingham	18	261	26 579	–	–
Ionia	27	559	71 609	–	–
Isabella	17	235	20 769	–	–
Jackson	27	362	45 768	–	–
Kalamazoo	8	124	9 212	–	–
Kent	6	165	11 670	–	–
Lapeer	13	150	17 154	–	–
Lenawee	9	196	20 047	–	–
Livingston	17	304	28 979	–	–
Mason	3	(D)	(D)	–	–
Mecosta	4	71	5 688	–	–
Monroe	4	43	(D)	–	–
Montcalm	14	285	30 681	–	–
Muskegon	5	92	3 125	–	–
Newaygo	3	28	1 560	–	–
Ottawa	12	131	10 030	–	–
St Clair	14	165	7 737	–	–
St Joseph	20	363	36 229	–	–
Sanilac	14	255	20 745	–	–
Shiawassee	4	100	9 432	–	–
Van Buren	8	121	10 076	–	–
Washtenaw	30	579	57 850	–	–
All other counties	24	385	28 375	–	–
RYEGRASS SEED (POUNDS)					
Michigan	78	1 066	642 764	1	(D)
Berrien	4	28	(D)	–	–
Van Buren	3	18	(D)	–	–
All other counties	12	194	155 282	1	(D)
Farms not on mail list	59	826	474 950	–	–
TIMOTHY SEED (POUNDS)					
Michigan	35	479	82 756	–	–
Chippewa	12	209	47 864	–	–
St Clair	6	40	3 600	–	–
Washtenaw	5	51	5 300	–	–
All other counties	12	179	25 992	–	–
HAY CROPS (TONS, DRY) (SEE TEXT)					
Michigan	36 136	1 633 568	3 729 147	217	9 788
Alcona	261	14 685	27 672	1	(D)
Alger	83	7 038	12 690	–	–
Allegan	1 019	42 282	121 295	7	261
Alpena	361	17 657	32 856	–	–
Antrim	155	11 065	17 899	1	(D)
Arenac	240	13 643	32 975	–	–
Baraga	72	3 870	7 302	–	–
Barry	760	33 415	91 678	3	124
Bay	215	5 466	13 050	1	(D)
Benzie	68	2 118	4 133	–	–
Berrien	420	11 266	30 788	1	(D)
Branch	518	15 458	40 079	11	521
Calhoun	755	27 845	74 149	7	203
Cass	516	17 837	46 230	10	254
Charlevoix	200	11 897	23 861	–	–
Cheboygan	188	11 118	18 002	2	(D)
Chippewa	340	38 107	54 005	–	–
Clare	252	15 747	30 016	–	–
Clinton	850	35 530	90 847	5	313
Delta	268	18 613	38 113	–	–
Dickinson	98	7 410	15 255	–	–
Eaton	783	26 057	72 172	2	(D)
Emmet	196	10 579	19 131	–	–
Genesee	477	18 214	40 059	–	–
Gladwin	349	15 081	27 837	1	(D)
Gogebic	61	2 981	4 072	–	–
Grand Traverse	230	11 506	18 637	–	–
Gratiot	494	18 759	48 305	3	40
Hillsdale	783	29 730	84 748	6	110
Houghton	155	9 519	14 326	–	–
Huron	1 018	44 680	108 363	1	(D)
Ingham	620	26 794	71 405	2	(D)
Ionia	782	35 106	95 625	3	24
Iosco	202	14 118	31 538	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
HAY CROPS (TONS, DRY) (SEE TEXT)—Con.					
Iron	82	5 169	8 412	–	–
Isabella	650	37 170	80 918	3	76
Jackson	749	33 182	88 799	6	307
Kalamazoo	423	15 463	42 847	11	631
Kalkaska	70	3 368	5 349	–	–
Kent	938	46 809	123 077	6	602
Lake	104	4 416	7 747	–	–
Lapeer	934	46 576	104 237	2	(D)
Leelanau	181	7 805	14 053	1	(D)
Lenawee	597	24 541	73 352	3	63
Livingston	545	28 342	72 632	3	29
Luce	21	2 038	2 952	–	–
Mackinac	78	8 375	14 278	–	–
Macomb	364	11 685	25 549	1	(D)
Manistee	205	7 342	13 804	2	(D)
Marquette	81	4 770	7 516	–	–
Mason	286	14 788	32 741	2	(D)
Mecosta	560	31 385	62 548	4	704
Menominee	447	35 716	74 124	2	(D)
Midland	206	5 782	12 016	–	–
Missaukee	325	29 835	57 748	8	348
Monroe	319	7 011	15 350	–	–
Montcalm	753	33 385	81 702	24	1 231
Montmorency	90	6 269	11 674	–	–
Muskegon	327	17 085	40 763	3	50
Newaygo	630	29 651	66 036	8	227
Oakland	294	14 408	29 759	1	(D)
Oceana	394	15 006	34 502	3	105
Ogemaw	268	20 191	41 403	–	–
Ontonagon	138	10 543	15 515	–	–
Osceola	483	36 865	72 092	5	384
Oscoda	65	4 500	8 676	–	–
Otsego	129	7 637	13 244	–	–
Ottawa	897	35 094	91 894	8	233
Presque Isle	296	17 012	30 065	–	–
Roscommon	19	1 508	1 484	1	(D)
Saginaw	520	15 129	41 864	1	(D)
St Clair	784	30 481	63 163	2	(D)
St Joseph	533	20 482	52 234	22	1 069
Sanilac	1 285	82 146	196 926	2	(D)
Schoolcraft	47	3 598	6 183	–	–
Shiawassee	642	29 321	72 442	3	467
Tuscola	676	27 445	64 655	1	(D)
Van Buren	548	16 279	40 943	7	165
Washtenaw	813	36 109	102 399	2	(D)
Wayne	82	2 688	4 260	–	–
Wexford	186	11 569	15 593	3	78
All other counties	10	292	450	–	–
Farms not on mail list	3 273	72 116	130 064	–	–
ALFALFA HAY (TONS, DRY)					
Michigan	30 435	1 137 415	2 901 154	182	6 636
Alcona	240	12 257	24 444	1	(D)
Alger	68	4 699	8 827	–	–
Allegan	804	28 798	93 219	6	236
Alpena	332	14 096	27 585	–	–
Antrim	137	7 873	14 001	1	(D)
Arenac	213	10 391	28 278	–	–
Baraga	33	1 251	2 605	–	–
Barry	669	24 837	73 079	2	(D)
Bay	186	4 185	10 928	1	(D)
Benzie	62	1 847	3 532	–	–
Berrien	340	8 553	26 326	1	(D)
Branch	437	11 798	33 247	10	447
Calhoun	637	21 019	60 877	7	167
Cass	472	14 627	40 081	9	209
Charlevoix	184	8 896	18 315	–	–
Cheboygan	160	8 746	14 411	2	(D)
Chippewa	74	5 163	6 715	–	–
Clare	222	11 548	23 823	–	–
Clinton	761	25 120	71 671	5	283
Crawford	6	231	397	–	–
Delta	224	12 510	29 394	–	–
Dickinson	87	5 123	11 992	–	–
Eaton	642	17 599	56 141	1	(D)
Emmet	180	8 871	16 967	–	–
Genesee	408	13 613	33 021	–	–
Gladwin	289	11 220	22 693	1	(D)
Gogebic	16	663	990	–	–
Grand Traverse	216	9 485	15 654	–	–
Gratiot	438	13 221	38 853	3	40
Hillsdale	700	23 379	73 389	4	85
Houghton	65	3 107	5 877	–	–
Huron	891	30 762	83 922	–	–
Ingham	545	18 942	55 770	1	(D)
Ionia	686	24 683	76 228	2	(D)
Iosco	165	9 424	22 278	–	–
Iron	26	1 297	1 983	–	–
Isabella	580	27 656	66 822	3	46
Jackson	679	26 600	77 247	6	307
Kalamazoo	377	11 873	35 117	8	446
Kalkaska	66	2 939	4 820	–	–
Kent	847	33 966	99 212	5	308
Lake	100	3 519	6 359	–	–
Lapeer	849	34 142	81 675	2	(D)

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
ALFALFA HAY (TONS, DRY)—Con.					
Leelanau	165	6 140	11 668	1	(D)
Lenawee	534	17 776	60 306	3	(D)
Livingston	508	20 782	58 913	2	(D)
Luce	13	1 169	1 930	–	–
Mackinac	43	3 015	6 160	–	–
Macomb	291	7 795	18 725	1	(D)
Manistee	184	6 257	12 143	2	(D)
Marquette	26	1 777	3 530	–	–
Mason	258	10 253	24 412	2	(D)
Mecosta	520	25 465	54 137	4	638
Menominee	407	24 057	54 079	–	–
Midland	144	3 539	8 255	–	–
Missaukee	292	21 332	46 538	5	203
Monroe	263	5 636	12 878	–	–
Montcalm	662	24 446	66 421	21	802
Montmorency	87	4 653	8 953	–	–
Muskegon	242	11 047	30 259	2	(D)
Newaygo	574	21 483	51 253	8	217
Oakland	257	10 853	24 092	1	(D)
Oceana	362	12 463	29 786	3	(D)
Ogemaw	241	14 484	32 155	–	–
Ontonagon	43	2 290	3 508	–	–
Osceola	421	26 481	55 378	3	(D)
Oscoda	58	3 395	7 395	–	–
Otsego	125	6 729	11 817	–	–
Ottawa	648	21 816	66 532	7	126
Presque Isle	268	13 022	24 940	–	–
Roscommon	15	1 082	1 055	1	(D)
Saginaw	455	11 847	35 976	–	–
St Clair	540	18 307	43 560	2	(D)
St Joseph	478	16 566	45 152	21	655
Sanilac	1 125	55 199	151 831	–	–
Schoolcraft	28	1 653	3 070	–	–
Shiawassee	576	20 437	55 508	2	(D)
Tuscola	602	18 428	49 433	–	–
Van Buren	447	11 745	31 776	6	163
Washtenaw	723	26 801	85 351	1	(D)
Wayne	52	1 280	2 674	–	–
Wexford	173	9 611	12 886	3	78
Farms not on mail list	2 472	45 775	97 954	–	–
SMALL GRAIN HAY (TONS, DRY)					
Michigan	1 363	29 059	41 738	1	(D)
Alcona	6	90	62	–	–
Allegan	39	456	804	–	–
Alpena	9	506	288	–	–
Antrim	4	40	40	–	–
Arenac	12	169	166	–	–
Barry	31	687	1 372	–	–
Bay	7	93	115	–	–
Berrien	8	92	97	–	–
Branch	12	348	413	–	–
Calhoun	25	549	1 061	–	–
Cass	11	138	191	–	–
Charlevoix	12	116	173	–	–
Cheboygan	7	110	(D)	–	–
Chippewa	23	638	907	–	–
Clare	12	188	353	–	–
Clinton	30	531	900	–	–
Delta	19	570	867	–	–
Dickinson	9	334	317	–	–
Eaton	27	494	820	–	–
Emmet	8	136	83	–	–
Genesee	22	205	166	–	–
Gladwin	30	466	978	–	–
Gogebic	3	17	(D)	–	–
Grand Traverse	8	136	303	–	–
Gratiot	19	216	471	–	–
Hillsdale	21	313	797	1	(D)
Houghton	6	81	88	–	–
Huron	39	1 056	1 709	–	–
Ingham	18	314	448	–	–
Ionia	23	641	1 335	–	–
Iosco	13	339	624	–	–
Iron	6	46	66	–	–
Isabella	34	634	895	–	–
Jackson	28	801	926	–	–
Kalamazoo	9	148	463	–	–
Kent	27	497	688	–	–
Lake	9	80	148	–	–
Lapeer	31	678	598	–	–
Leelanau	9	83	109	–	–
Lenawee	18	516	1 015	–	–
Livingston	21	312	333	–	–
Macomb	10	99	137	–	–
Manistee	7	87	75	–	–
Marquette	6	111	109	–	–
Mecosta	29	349	558	–	–
Menominee	17	234	424	–	–
Midland	14	125	138	–	–
Missaukee	22	337	510	–	–
Monroe	11	184	422	–	–
Montcalm	33	624	997	–	–
Montmorency	7	196	401	–	–
Muskegon	14	246	472	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)—Con.					
Newaygo	24	254	345	–	–
Oakland	9	226	312	–	–
Oceana	12	100	144	–	–
Ogemaw	16	261	317	–	–
Ontonagon	7	172	245	–	–
Osceola	26	633	1 421	–	–
Oscoda	6	71	49	–	–
Otsego	5	66	45	–	–
Ottawa	60	935	1 816	–	–
Presque Isle	14	291	297	–	–
Saginaw	27	448	677	–	–
St Clair	17	307	383	–	–
St Joseph	14	285	638	–	–
Sanilac	40	1 085	2 142	–	–
Shiawassee	11	229	617	–	–
Tuscola	25	571	1 164	–	–
Van Buren	12	126	169	–	–
Washtenaw	27	1 002	1 055	–	–
Wexford	4	20	36	–	–
All other counties	13	712	511	–	–
Farms not on mail list	119	4 809	3 624	–	–
OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)					
Michigan	6 905	188 330	317 702	10	223
Alcona	23	752	1 117	–	–
Alger	19	1 171	2 226	–	–
Allegan	260	4 333	8 954	–	–
Alpena	38	1 344	2 139	–	–
Antrim	17	763	701	–	–
Arenac	34	775	1 143	–	–
Baraga	47	2 099	3 817	–	–
Barry	145	3 110	6 324	–	–
Bay	26	460	971	–	–
Benzie	7	116	205	–	–
Berrien	120	1 712	3 038	–	–
Branch	134	1 881	3 634	–	–
Calhoun	148	2 320	4 326	–	–
Cass	72	1 174	1 983	–	–
Charlevoix	18	846	1 998	–	–
Cheboygan	27	994	1 532	1	(D)
Chippewa	276	26 341	38 958	–	–
Clare	32	1 165	1 782	–	–
Clinton	123	2 038	3 512	–	–
Delta	67	2 771	4 199	–	–
Dickinson	22	894	1 512	–	–
Eaton	226	4 516	8 910	–	–
Emmet	18	559	582	–	–
Genesee	80	1 593	2 908	–	–
Gladwin	59	1 842	2 612	–	–
Gogebic	40	1 811	2 589	–	–
Grand Traverse	24	942	1 589	–	–
Gratiot	50	878	1 578	–	–
Hillsdale	112	1 565	2 743	–	–
Houghton	98	4 709	6 520	–	–
Huron	116	2 702	5 586	–	–
Ingham	96	1 572	3 126	1	(D)
Ionia	166	2 911	5 357	–	–
Iosco	45	2 403	5 725	–	–
Iron	54	3 232	5 817	–	–
Isabella	90	2 468	3 852	–	–
Jackson	90	1 545	2 973	–	–
Kalamazoo	69	1 196	2 567	–	–
Kalkaska	5	93	(D)	–	–
Kent	143	2 833	5 548	–	–
Lake	11	413	645	–	–
Lapeer	118	2 696	5 487	–	–
Leelanau	14	396	(D)	–	–
Lenawee	78	1 246	2 111	–	–
Livingston	88	2 119	3 794	–	–
Luce	9	308	520	–	–
Mackinac	46	3 444	4 708	–	–
Macomb	87	2 011	3 419	–	–
Manistee	22	533	895	–	–
Marquette	52	2 238	3 163	–	–
Mason	36	889	1 700	–	–
Mecosta	58	1 794	2 399	1	(D)
Menominee	51	2 205	4 205	–	–
Midland	54	1 387	2 286	–	–
Missaukee	29	1 521	2 223	–	–
Monroe	55	754	1 477	–	–
Montcalm	108	1 971	2 939	–	–
Montmorency	8	269	575	–	–
Muskegon	97	2 605	4 520	1	(D)
Newaygo	68	1 271	1 948	–	–
Oakland	38	1 545	2 888	–	–
Oceana	48	818	1 836	–	–
Ogemaw	28	753	1 187	–	–
Ontonagon	104	6 861	10 519	–	–
Osceola	77	3 039	4 886	1	(D)
Oscoda	7	227	321	–	–
Otsego	8	357	249	–	–
Ottawa	336	7 745	14 634	1	(D)
Presque Isle	43	1 430	1 798	–	–
Roscommon	4	109	156	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)—Con.					
Saginaw	62	928	1 688	–	–
St Clair	295	7 600	12 824	1	(D)
St Joseph	85	1 613	2 297	–	–
Sanilac	175	4 645	8 367	2	(D)
Schoolcraft	24	1 493	2 559	–	–
Shiawassee	86	1 982	3 374	–	–
Tuscola	56	919	1 933	–	–
Van Buren	141	2 702	5 062	1	(D)
Washtenaw	179	3 788	7 549	–	–
Wayne	28	723	1 163	–	–
Wexford	11	381	361	–	–
All other counties	3	51	43	–	–
Farms not on mail list	742	12 122	17 744	–	–
WILD HAY (TONS, DRY)					
Michigan	1 643	34 231	36 977	5	58
Alcona	13	352	417	–	–
Alger	4	100	(D)	–	–
Allegan	54	644	1 036	1	(D)
Alpena	12	254	182	–	–
Antrim	10	301	349	–	–
Arenac	13	398	442	–	–
Baraga	9	138	181	–	–
Barry	23	257	280	–	–
Bay	17	194	266	1	(D)
Berrien	12	112	141	–	–
Branch	16	345	531	–	–
Calhoun	16	116	127	–	–
Cass	8	113	131	–	–
Charlevoix	13	259	208	–	–
Cheboygan	10	214	227	–	–
Chippewa	9	299	333	–	–
Clare	15	490	652	–	–
Clinton	19	159	263	–	–
Delta	20	620	525	–	–
Dickinson	4	190	88	–	–
Eaton	27	338	453	–	–
Emmet	10	211	85	–	–
Genesee	21	380	402	–	–
Gladwin	16	261	230	–	–
Gogebic	15	374	279	–	–
Grand Traverse	5	96	123	–	–
Gratiot	18	319	319	–	–
Hillsdale	15	115	139	–	–
Houghton	23	814	876	–	–
Huron	32	539	805	–	–
Ingham	19	191	235	–	–
Ionia	20	381	550	1	(D)
Iosco	12	818	569	–	–
Iron	16	484	356	–	–
Isabella	17	441	383	–	–
Jackson	23	454	654	–	–
Kalamazoo	11	169	400	–	–
Kalkaska	5	67	25	–	–
Kent	22	432	420	–	–
Lapeer	32	767	836	–	–
Leelanau	12	197	169	–	–
Lenawee	9	183	119	–	–
Livingston	13	125	168	–	–
Mackinac	4	(D)	(D)	–	–
Macomb	21	328	454	–	–
Manistee	15	323	468	–	–
Marquette	8	266	175	–	–
Mason	8	144	155	–	–
Mecosta	27	773	964	–	–
Menominee	23	761	1 076	–	–
Midland	17	305	298	–	–
Missaukee	12	450	303	–	–
Monroe	7	22	18	–	–
Montcalm	27	558	844	1	(D)
Montmorency	4	80	72	–	–
Muskegon	25	396	330	–	–
Newaygo	23	280	430	–	–
Oakland	22	856	1 300	–	–
Oceana	16	186	206	–	–
Ogemaw	8	264	170	–	–
Ontonagon	12	341	305	–	–
Osceola	18	270	379	–	–
Oscoda	4	85	69	–	–
Ottawa	42	486	607	–	–
Presque Isle	11	229	247	–	–
Roscommon	3	(D)	191	–	–
Saginaw	11	129	183	–	–
St Clair	67	1 492	1 981	–	–
St Joseph	7	67	51	–	–
Sanilac	28	450	357	1	(D)
Schoolcraft	3	82	88	–	–
Shiawassee	22	259	409	–	–
Tuscola	45	832	908	–	–
Van Buren	28	364	599	–	–
Washtenaw	26	393	644	–	–
Wayne	13	198	212	–	–
Wexford	6	124	143	–	–
All other counties	8	205	144	–	–
Farms not on mail list	332	8 030	6 667	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE AND HAYLAGE (TONS, GREEN)					
Michigan	2 916	184 033	1 013 331	45	2 467
Alcona	8	687	2 662	–	–
Alger	9	930	4 150	–	–
Allegan	110	6 160	41 823	–	–
Alpena	17	842	4 437	–	–
Antrim	19	1 850	7 131	–	–
Arenac	16	1 066	5 501	–	–
Baraga	3	(D)	(D)	–	–
Barry	51	3 746	28 258	1	(D)
Bay	6	354	1 680	–	–
Benzie	3	(D)	(D)	–	–
Berrien	17	533	2 648	–	–
Branch	10	406	2 229	2	(D)
Calhoun	54	3 065	17 806	1	(D)
Cass	27	1 524	9 704	1	(D)
Charlevoix	17	1 645	9 167	–	–
Cheboygan	8	966	4 478	–	–
Chippewa	31	4 760	18 502	–	–
Clare	24	2 238	9 658	–	–
Clinton	92	5 506	33 738	1	(D)
Delta	11	1 131	5 815	–	–
Dickinson	8	595	3 015	–	–
Eaton	47	2 074	12 631	–	–
Emmet	10	624	3 745	–	–
Genesee	35	1 233	6 560	–	–
Gladwin	18	1 241	3 644	–	–
Gogebic	3	106	550	–	–
Grand Traverse	13	720	2 455	–	–
Gratiot	48	3 368	17 573	–	–
Hillsdale	50	3 938	20 173	1	(D)
Houghton	8	636	2 185	–	–
Huron	161	7 551	39 897	1	(D)
Ingham	65	4 465	29 659	–	–
Ionia	96	4 728	27 789	–	–
Iosco	9	1 061	6 704	–	–
Iron	3	(D)	(D)	–	–
Isabella	50	4 261	20 345	1	(D)
Jackson	48	2 789	16 495	–	–
Kalamazoo	25	1 652	10 703	4	173
Kalkaska	3	(D)	(D)	–	–
Kent	102	7 787	45 087	3	294
Lake	3	(D)	(D)	–	–
Lapeer	87	5 176	32 139	–	–
Leelanau	15	948	4 835	–	–
Lenawee	60	4 347	26 354	–	–
Livingston	54	3 507	20 755	1	(D)
Mackinac	11	1 397	7 869	–	–
Macomb	21	769	5 702	–	–
Manistee	4	67	202	–	–
Marquette	3	(D)	495	–	–
Mason	37	2 812	15 405	–	–
Mecosta	38	1 954	8 629	1	(D)
Menominee	69	6 209	33 007	2	(D)
Midland	9	346	2 908	–	–
Missaukee	61	4 789	19 094	3	85
Monroe	7	212	867	–	–
Montcalm	71	3 536	19 090	5	300
Montmorency	6	878	4 391	–	–
Muskegon	33	2 088	12 009	–	–
Newaygo	75	4 841	28 571	1	(D)
Oakland	10	303	1 327	–	–
Oceana	22	1 064	6 159	–	–
Ogemaw	35	3 628	18 616	–	–
Ontonagon	8	718	2 080	–	–
Osceola	57	5 514	26 204	3	(D)
Oscoda	5	454	1 492	–	–
Otsego	5	217	(D)	–	–
Ottawa	78	3 201	19 984	3	87
Presque Isle	15	1 578	6 939	–	–
Saginaw	32	1 144	6 937	1	(D)
St Clair	46	1 741	9 712	–	–
St Joseph	40	1 602	10 107	4	328
Sanilac	246	14 984	78 327	–	–
Schoolcraft	3	200	(D)	–	–
Shiawassee	66	4 965	28 023	3	276
Tuscola	80	5 231	27 027	1	(D)
Van Buren	27	1 004	8 176	–	–
Washtenaw	66	3 082	18 441	1	(D)
Wexford	12	1 106	5 752	–	–
All other counties	4	326	1 050	–	–
Farms not on mail list	60	900	9 000	–	–
HAY CROPS CUT AND FED GREEN (TONS, GREEN)					
Michigan	2 446	60 500	277 059	17	399
Alcona	18	547	2 223	–	–
Alger	4	113	316	–	–
Allegan	90	1 891	9 863	–	–
Alpena	16	615	3 507	–	–
Antrim	8	238	1 268	–	–
Arenac	30	844	3 298	–	–
Baraga	3	120	730	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
HAY CROPS CUT AND FED GREEN (TONS, GREEN)—Con.					
Barry	35	778	3 548	–	–
Bay	11	180	609	1	(D)
Berrien	15	264	883	–	–
Branch	24	680	4 504	1	(D)
Calhoun	25	776	5 409	–	–
Cass	12	261	1 785	–	–
Charlevoix	7	135	315	–	–
Cheboygan	5	88	169	–	–
Chippewa	22	906	2 741	–	–
Clare	6	118	535	–	–
Clinton	66	2 176	9 642	–	–
Delta	38	1 011	3 540	–	–
Dickinson	12	274	1 012	–	–
Eaton	46	1 036	4 852	1	(D)
Emmet	10	178	487	–	–
Genesee	36	1 190	4 070	–	–
Gladwin	5	51	314	–	–
Grand Traverse	8	127	428	–	–
Gratiot	26	757	3 610	–	–
Hillsdale	20	420	2 808	–	–
Houghton	10	172	697	–	–
Huron	73	2 070	8 940	–	–
Ingham	52	1 310	5 704	–	–
Ionia	66	1 762	8 523	–	–
Iosco	5	73	313	–	–
Iron	4	(D)	(D)	–	–
Isabella	59	1 710	6 476	–	–
Jackson	41	993	4 421	–	–
Kalamazoo	21	425	2 160	1	(D)
Kalkaska	5	149	509	–	–
Kent	58	1 294	6 389	–	–
Lake	6	152	475	–	–
Lapeer	114	3 117	14 633	–	–
Leelanau	3	(D)	(D)	–	–
Lenawee	21	473	2 989	–	–
Livingston	45	1 497	7 448	1	(D)
Mackinac	8	229	975	–	–
Macomb	31	683	2 694	–	–
Manistee	4	75	463	–	–
Marquette	6	170	1 118	–	–
Mason	28	684	3 949	–	–
Mecosta	34	1 050	4 783	–	–
Menominee	80	2 250	9 906	–	–
Midland	7	80	193	–	–
Missaukee	47	1 406	5 339	1	(D)
Monroe	12	203	776	–	–
Montcalm	77	2 250	12 299	4	114
Montmorency	4	193	625	–	–
Muskegon	24	703	3 485	–	–
Newaygo	54	1 522	7 496	–	–
Oakland	13	625	2 149	–	–
Oceana	21	375	1 407	1	(D)
Ogemaw	28	801	4 056	–	–
Ontonagon	7	161	725	–	–
Osceola	37	928	3 811	1	(D)
Oscoda	14	268	1 022	–	–
Otsego	8	248	1 510	–	–
Ottawa	58	911	4 822	1	(D)
Presque Isle	19	462	1 380	–	–
Saginaw	35	633	3 026	–	–
St Clair	52	1 034	3 455	–	–
St Joseph	16	349	2 141	3	86
Sanilac	199	5 783	23 989	–	–
Shiawassee	65	1 449	9 474	1	(D)
Tuscola	61	1 464	6 531	–	–
Van Buren	17	338	1 804	–	–
Washtenaw	54	1 043	4 860	–	–
Wexford	9	327	736	–	–
All other counties	6	270	655	–	–
Farms not on mail list	130	480	3 035	–	–
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Michigan	10 571	429 609	4 901 186	129	5 451
Alcona	31	857	7 698	–	–
Alger	13	387	3 524	–	–
Allegan	332	10 808	138 417	1	(D)
Alpena	71	2 317	27 223	–	–
Antrim	66	2 497	27 761	1	(D)
Arenac	94	4 185	48 404	–	–
Barry	163	6 215	80 369	3	186
Bay	50	1 449	20 899	1	(D)
Benzie	23	836	9 593	–	–
Berrien	59	1 604	21 805	–	–
Branch	138	5 417	80 597	9	387
Calhoun	182	7 323	95 351	5	(D)
Cass	74	1 862	24 900	4	132
Charlevoix	82	2 213	25 466	–	–
Cheboygan	36	1 772	18 872	–	–
Chippewa	8	229	1 954	–	–
Clare	78	3 308	30 696	–	–
Clinton	307	15 108	182 235	3	28
Delta	69	1 668	17 645	–	–

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.					
Dickinson	31	528	5 113	–	–
Eaton	179	4 907	62 105	1	(D)
Emmet	54	2 208	25 134	–	–
Genesee	123	8 341	90 531	–	–
Gladwin	91	2 242	23 198	–	–
Gogebic	4	73	663	–	–
Grand Traverse	60	1 774	17 715	1	(D)
Gratiot	214	9 327	119 925	3	32
Hillsdale	182	10 745	126 402	5	246
Houghton	21	497	3 889	–	–
Huron	597	31 083	391 695	1	(D)
Ingham	222	10 381	142 586	–	–
Ionia	301	10 239	127 503	1	(D)
Iosco	52	2 387	25 583	–	–
Iron	8	182	1 505	–	–
Isabella	272	18 421	181 014	–	–
Jackson	175	11 706	141 323	6	471
Kalamazoo	103	5 827	81 110	12	768
Kalkaska	20	570	5 172	–	–
Kent	268	9 957	128 244	2	(D)
Lake	19	461	3 714	–	–
Lapeer	320	16 432	149 843	1	(D)
Leelanau	66	2 002	21 110	–	–
Lenawee	172	10 061	138 594	1	(D)
Livingston	167	7 650	81 896	1	(D)
Luce	6	198	1 946	–	–
Mackinac	18	811	7 832	–	–
Macomb	122	4 297	34 765	–	–
Manistee	43	757	8 037	–	–
Marquette	10	322	3 467	–	–
Mason	95	3 011	33 242	3	(D)
Mecosta	163	5 123	44 817	1	(D)
Menominee	181	6 380	69 754	1	(D)
Midland	44	2 183	22 917	–	–
Missaukee	203	10 284	103 399	8	214
Monroe	75	2 947	36 547	–	–
Montcalm	213	6 225	62 658	16	448
Montmorency	24	1 180	12 455	–	–
Muskegon	110	5 741	67 908	1	(D)
Newaygo	206	7 097	94 787	3	(D)
Oakland	42	1 619	12 552	–	–
Oceana	152	4 351	45 338	5	210
Ogemaw	110	5 343	54 992	–	–
Ontonagon	4	130	1 146	–	–
Osceola	180	7 507	70 844	2	(D)
Oscoda	31	987	9 981	–	–
Otsego	41	1 148	10 862	–	–
Ottawa	345	10 610	130 543	6	310
Presque Isle	90	2 752	27 900	–	–
Saginaw	167	5 305	70 202	–	–
St Clair	227	8 827	78 170	–	–
St Joseph	137	3 256	45 821	14	378
Sanilac	669	31 907	314 614	–	–
Schoolcraft	8	93	755	–	–
Shiawassee	204	12 000	127 600	2	(D)
Tuscola	241	9 707	98 692	1	(D)
Van Buren	63	3 085	47 367	–	–
Washtenaw	223	8 696	106 119	2	(D)
Wayne	7	120	1 040	–	–
Wexford	57	1 570	16 642	2	(D)
All other counties	5	119	1 340	–	–
Farms not on mail list	458	5 865	65 159	–	–
SORGHUMS CUT FOR DRY FORAGE OR HAY (TONS, DRY)					
Michigan	4	29	68	–	–
SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)					
Michigan	657	10 022	102 354	5	61
Allegan	32	293	2 829	1	(D)
Alpena	3	24	105	–	–
Antrim	3	20	(D)	–	–
Arenac	6	38	271	–	–
Barry	15	153	938	–	–
Bay	6	67	359	–	–
Berrien	4	47	650	–	–
Branch	6	199	2 660	1	(D)
Calhoun	8	63	680	–	–
Cass	6	73	1 053	–	–
Charlevoix	4	26	367	–	–
Clare	8	80	841	–	–
Clinton	14	140	1 430	–	–
Eaton	15	172	1 823	–	–
Emmet	3	17	216	–	–
Genesee	8	180	2 290	–	–
Grand Traverse	3	(D)	132	–	–
Gratiot	11	129	939	–	–
Hillsdale	8	90	766	–	–
Huron	18	171	1 126	–	–
Ingham	7	66	878	–	–
Ionia	28	474	4 416	–	–

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

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.					
Isabella	18	235	2 947	–	–
Jackson	12	235	1 684	–	–
Kalamazoo	4	60	390	–	–
Kent	25	218	2 310	–	–
Lapeer	21	253	1 459	–	–
Livingston	7	114	1 004	–	–
Macomb	8	291	3 355	–	–
Manistee	3	(D)	46	–	–
Mason	3	23	(D)	–	–
Mecosta	13	121	857	–	–
Midland	6	72	385	–	–
Missaukee	8	98	612	–	–
Monroe	5	32	(D)	1	(D)
Montcalm	23	290	2 178	1	(D)
Muskegon	10	84	718	–	–
Newaygo	19	150	1 174	–	–
Oakland	5	107	974	–	–
Oceana	12	121	1 055	–	–
Osceola	12	196	1 524	–	–
Ottawa	32	234	2 801	–	–
Presque Isle	11	79	440	–	–
Saginaw	13	160	2 199	–	–
St Clair	15	223	2 688	–	–
St Joseph	10	134	1 875	1	(D)
Sanilac	22	266	2 476	–	–
Shiawassee	19	606	6 799	–	–
Tuscola	14	176	1 266	–	–
Van Buren	4	51	(D)	–	–
Washtenaw	5	140	1 152	–	–
All other counties	23	339	3 338	–	–
Farms not on mail list	59	2 360	28 320	–	–

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)				
Michigan	4 165	120 137	851	34 086
Alcona	4	9	1	(D)
Alger	3	2	1	(D)
Allegan	133	3 803	49	1 556
Alpena	12	99	4	15
Antrim	13	43	6	18
Arenac	28	1 815	2	(D)
Baraga	3	8	–	–
Barry	51	1 793	10	(D)
Bay	144	3 739	15	426
Benzie	9	25	3	7
Berrien	436	8 589	145	2 976
Branch	13	196	4	(D)
Calhoun	39	1 055	3	3
Cass	59	2 432	19	1 011
Charlevoix	16	(D)	3	10
Cheboygan	10	26	–	–
Chippewa	5	11	–	–
Clare	6	16	–	–
Clinton	28	545	7	246
Crawford	3	8	–	–
Delta	10	29	3	7
Eaton	36	957	8	86
Emmet	10	113	3	(D)
Genesee	55	632	8	21
Gladwin	4	6	–	–
Grand Traverse	33	1 911	–	–
Gratiot	50	2 959	3	29
Hillsdale	13	182	3	(D)
Houghton	13	30	4	11
Huron	6	12	–	–
Ingham	36	2 043	10	805
Ionia	64	3 864	7	(D)
Iosco	7	44	1	(D)
Iron	3	(D)	–	–
Isabella	9	438	2	(D)
Jackson	46	759	14	229
Kalamazoo	41	362	5	69
Kent	115	3 170	57	1 806
Lake	4	8	2	(D)
Lapeer	62	3 071	18	1 492
Leelanau	16	176	5	39
Lenawee	57	1 327	14	317
Livingston	34	1 851	13	(D)
Macomb	160	4 271	33	1 100
Manistee	27	934	15	217
Marquette	8	30	2	(D)
Mason	82	4 217	10	476
Mecosta	26	1 015	5	361
Midland	20	322	1	(D)
Missaukee	3	4	1	(D)
Monroe	107	2 798	16	894
Montcalm	40	1 729	16	1 093
Muskegon	60	3 519	14	570
Newaygo	61	4 379	24	2 782
Oakland	42	672	12	158
Oceana	353	11 575	14	611
Ogemaw	11	35	2	(D)
Osceola	4	5	1	(D)
Otsego	7	47	–	–
Ottawa	173	4 051	81	1 678
Presque Isle	6	6	1	(D)

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)—Con.				
Saginaw	63	2 523	9	217
St Clair	72	1 652	3	(D)
St Joseph	35	2 456	12	(D)
Sanilac	79	3 920	–	–
Shiawassee	32	403	1	(D)
Tuscola	35	1 278	2	(D)
Van Buren	380	11 545	51	5 809
Washtenaw	65	1 968	25	1 202
Wayne	76	1 614	10	197
Wexford	14	869	2	(D)
All other counties	13	38	1	(D)
Farms not on mail list	372	3 020	35	102
ALL VEGETABLES HARVESTED (SEE TEXT)				
Michigan	4 165	122 307	851	35 623
Alcona	4	10	1	(D)
Alger	3	2	1	(D)
Allegan	133	3 802	49	1 557
Alpena	12	99	4	16
Antrim	13	41	6	18
Arenac	28	1 815	2	(D)
Baraga	3	7	–	–
Barry	51	1 791	10	194
Bay	144	3 757	15	426
Benzie	9	25	3	6
Berrien	436	8 636	145	2 993
Branch	13	195	4	147
Calhoun	39	1 452	3	3
Cass	59	2 615	19	1 194
Charlevoix	16	1 081	3	10
Cheboygan	10	26	–	–
Chippewa	5	11	–	–
Clare	6	16	–	–
Clinton	28	544	7	246
Crawford	3	8	–	–
Delta	10	29	3	7
Eaton	36	956	8	86
Emmet	10	123	3	75
Genesee	55	635	8	21
Gladwin	4	5	–	–
Grand Traverse	33	1 912	–	–
Gratiot	50	2 959	3	29
Hillsdale	13	187	3	78
Houghton	13	28	4	10
Huron	6	11	–	–
Ingham	36	2 043	10	805
Ionia	64	3 875	7	1 264
Iosco	7	44	1	(D)
Iron	3	8	–	–
Isabella	9	437	2	(D)
Jackson	46	758	14	229
Kalamazoo	41	361	5	69
Kent	115	3 456	57	2 077
Lake	4	8	2	(D)
Lapeer	62	3 074	18	1 492
Leelanau	16	176	5	39
Lenawee	57	1 339	14	330
Livingston	34	2 866	13	2 289
Macomb	160	4 369	33	1 110
Manistee	27	949	15	233

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
ALL VEGETABLES HARVESTED (SEE TEXT)—Con.				
Marquette	8	32	2	(D)
Mason	82	4 217	10	476
Mecosta	26	1 016	5	361
Midland	20	321	1	(D)
Missaukee	3	4	1	(D)
Monroe	107	2 807	16	894
Montcalm	40	1 728	16	1 093
Muskegon	60	3 520	14	570
Newaygo	61	4 397	24	2 782
Oakland	42	674	12	158
Oceana	353	11 573	14	612
Ogemaw	11	35	2	(D)
Osceola	4	5	1	(D)
Otsego	7	46	–	–
Ottawa	173	4 052	81	1 678
Presque Isle	6	6	1	(D)
Saginaw	63	2 524	9	218
St Clair	72	1 694	3	56
St Joseph	35	2 456	12	2 008
Sanilac	79	3 920	–	–
Shiawassee	32	403	1	(D)
Tuscola	35	1 278	2	(D)
Van Buren	380	11 552	51	5 810
Washtenaw	65	1 968	25	1 202
Wayne	76	1 612	10	197
Wexford	14	868	2	(D)
All other counties	13	42	1	(D)
Farms not on mail list	372	3 020	35	102
ASPARAGUS				
Michigan	1 087	19 719	51	540
Allegan	35	569	3	(D)
Antrim	3	(D)	–	–
Berrien	146	1 585	7	21
Cass	22	1 021	1	(D)
Charlevoix	3	23	–	–
Clinton	3	5	1	(D)
Grand Traverse	4	47	–	–
Ionia	5	(D)	–	–
Jackson	3	(D)	–	–
Kalamazoo	14	147	–	–
Kent	13	88	4	3
Leelanau	9	134	–	–
Macomb	7	14	1	(D)
Manistee	9	218	3	(D)
Mason	33	465	1	(D)
Mecosta	13	496	–	–
Muskegon	24	394	1	(D)
Newaygo	12	234	1	(D)
Oakland	3	1	–	–
Oceana	329	8 521	2	(D)
Ogemaw	5	18	1	(D)
Ottawa	31	360	6	44
Saginaw	4	6	1	(D)
St Joseph	12	429	4	(D)
Shiawassee	6	11	–	–
Van Buren	301	4 608	5	99
Washtenaw	5	12	2	(D)
Wayne	6	11	1	(D)
All other counties	27	177	6	24
BEANS, GREEN LIMA				
Michigan	44	43	11	9
Berrien	11	11	1	(D)
Macomb	5	4	–	–
Monroe	4	4	–	–
Van Buren	3	(D)	1	(D)
Washtenaw	4	2	1	(D)
Wayne	3	(D)	1	(D)
All other counties	14	10	7	6
BEANS, SNAP (BUSH AND POLE)				
Michigan	781	19 486	151	4 978
Allegan	8	16	3	(D)
Alpena	5	(D)	–	–
Barry	26	930	3	(D)
Bay	10	4	–	–
Benzie	3	1	2	(D)
Berrien	33	60	11	27
Calhoun	5	3	2	(D)
Cass	13	(D)	4	(D)
Genesee	9	37	2	(D)
Grand Traverse	17	1 784	–	–
Gratiot	4	(D)	–	–
Hillsdale	3	(D)	–	–
Ionia	39	1 276	1	(D)
Isabella	3	(D)	–	–
Jackson	11	6	3	2
Kalamazoo	3	2	1	(D)
Kent	21	273	10	160

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
BEANS, SNAP (BUSH AND POLE)—Con.				
Lapeer	8	(D)	1	(D)
Lenawee	4	13	1	(D)
Livingston	8	15	1	(D)
Macomb	30	495	3	(D)
Manistee	5	(D)	1	(D)
Mason	38	3 499	6	350
Mecosta	5	94	–	–
Monroe	30	110	1	(D)
Montcalm	5	(D)	2	(D)
Muskegon	11	587	1	(D)
Newaygo	3	(Z)	–	–
Oakland	8	7	1	(D)
Oceana	23	1 587	6	447
Ottawa	28	51	14	25
Saginaw	7	6	2	(D)
St Clair	18	437	–	–
St Joseph	4	1	3	(Z)
Sanilac	32	1 173	–	–
Van Buren	18	(D)	6	(D)
Washtenaw	21	53	11	49
Wayne	25	55	2	(D)
Wexford	11	861	1	(D)
All other counties	38	1 110	11	27
Farms not on mail list	188	50	35	7
BEETS				
Michigan	199	547	19	21
Bay	9	78	–	–
Kent	3	1	3	1
Lapeer	5	15	2	(D)
Macomb	20	29	1	(D)
Monroe	3	(D)	–	–
Ottawa	8	(D)	2	(D)
Sanilac	7	358	–	–
All other counties	51	42	11	11
Farms not on mail list	93	9	–	–
BROCCOLI				
Michigan	134	80	22	31
Allegan	3	3	1	(D)
Berrien	6	9	5	9
Ingham	3	(D)	–	–
Kent	8	11	5	9
Lapeer	3	(D)	–	–
Macomb	5	3	–	–
Manistee	3	(D)	2	(D)
Monroe	3	1	–	–
Ottawa	4	7	4	7
Van Buren	5	3	–	–
Washtenaw	3	2	1	(D)
Wayne	4	1	1	(D)
All other counties	24	10	3	1
Farms not on mail list	60	24	–	–
CHINESE CABBAGE				
Michigan	4	10	3	8
HEAD CABBAGE				
Michigan	477	3 194	108	1 164
Allegan	13	69	3	(D)
Barry	3	2	1	(D)
Bay	27	197	8	118
Berrien	20	45	6	21
Branch	3	(D)	1	(D)
Calhoun	4	1	2	(D)
Cass	3	(D)	2	(D)
Genesee	5	12	–	–
Gratiot	3	(D)	–	–
Hillsdale	7	(D)	2	(D)
Ingham	5	(D)	1	(D)
Isabella	3	3	–	–
Jackson	9	8	2	(D)
Kent	25	233	15	117
Lapeer	8	44	2	(D)
Lenawee	10	116	4	62
Macomb	61	488	12	162
Monroe	32	465	4	(D)
Muskegon	5	3	–	–
Newaygo	3	3	2	(D)
Oakland	8	3	2	(D)
Oceana	3	2	–	–
Ottawa	31	300	15	187
Saginaw	10	515	2	(D)
St Clair	28	223	1	(D)
Sanilac	6	6	–	–
Van Buren	11	22	2	(D)
Washtenaw	13	153	5	29
Wayne	25	60	3	(D)
All other counties	34	86	11	41
Farms not on mail list	59	6	–	–

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
CANTALOUPS AND PERSIAN MELONS				
Michigan	485	1 404	190	668
Allegan	12	20	4	6
Bay	31	193	4	11
Berrien	56	163	37	113
Branch	5	5	3	(D)
Cass	11	32	6	30
Eaton	4	(D)	2	(D)
Genesee	8	21	1	(D)
Hillsdale	3	(D)	1	(D)
Ingham	3	(D)	–	–
Jackson	12	13	6	6
Kalamazoo	4	(D)	1	(D)
Kent	21	34	8	17
Lapeer	3	(D)	–	–
Lenawee	8	31	4	6
Livingston	8	42	6	39
Macomb	17	105	–	–
Monroe	35	153	6	50
Muskegon	4	3	1	(D)
Oakland	7	20	3	(D)
Oceana	3	(D)	1	(D)
Ottawa	29	84	17	61
Saginaw	8	18	2	(D)
St Clair	6	8	–	–
St Joseph	9	14	8	13
Van Buren	20	166	11	150
Washtenaw	19	70	11	57
Wayne	19	56	5	23
All other counties	25	43	7	13
Farms not on mail list	95	42	35	18
CARROTS				
Michigan	324	6 362	59	3 620
Berrien	4	(D)	3	(D)
Calhoun	7	116	2	(D)
Cass	3	120	–	–
Clinton	4	162	4	107
Genesee	3	1	1	(D)
Ingham	5	321	2	(D)
Ionia	4	(D)	2	(D)
Isabella	3	2	–	–
Kent	9	141	5	(D)
Lapeer	19	1 452	5	567
Macomb	8	5	–	–
Marquette	3	1	–	–
Newaygo	31	2 142	17	1 596
Ottawa	9	67	5	(D)
St Clair	4	(D)	–	–
Sanilac	3	1	–	–
Van Buren	3	(D)	1	(D)
Wayne	6	2	1	(D)
All other counties	43	793	11	478
Farms not on mail list	153	37	–	–
CAULIFLOWER				
Michigan	273	1 062	79	369
Allegan	16	320	8	77
Bay	9	46	3	24
Berrien	10	15	6	12
Gratiot	7	49	2	(D)
Ingham	4	31	1	(D)
Kent	26	83	17	58
Lapeer	3	(D)	1	(D)
Lenawee	3	(D)	–	–
Macomb	32	126	6	56
Monroe	12	73	2	(D)
Ottawa	19	52	9	20
St Clair	13	91	–	–
Van Buren	11	42	6	35
Washtenaw	5	3	2	(D)
Wayne	8	10	2	(D)
All other counties	36	87	14	38
Farms not on mail list	59	6	–	–
CELERY				
Michigan	67	2 309	57	2 095
Allegan	7	158	6	128
Kent	6	187	6	183
Lapeer	4	(D)	2	(D)
Muskegon	4	278	3	232
Ottawa	31	759	27	628
Van Buren	3	(D)	3	(D)
All other counties	12	664	10	663
COLLARDS				
Michigan	47	214	15	79
Kent	3	15	3	15
Macomb	24	139	9	56
Monroe	6	26	–	–
All other counties	14	34	3	8

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
COWPEAS, BLACKEYED AND OTHER GREEN COWPEAS				
Michigan	17	35	3	(D)
Wayne	3	10	–	–
All other counties	14	25	3	9
CUCUMBERS AND PICKLES				
Michigan	921	23 469	233	5 580
Allegan	34	1 130	16	776
Antrim	3	1	1	(D)
Arenac	24	1 695	1	(D)
Barry	6	1	2	(D)
Bay	63	1 765	4	47
Berrien	88	1 448	58	1 049
Branch	4	(D)	2	(D)
Cass	13	374	6	290
Clinton	5	(D)	1	(D)
Eaton	5	(D)	1	(D)
Genesee	11	8	3	1
Gratiot	40	2 631	–	–
Hillsdale	3	1	–	–
Ingham	9	315	3	(D)
Ionia	7	204	2	(D)
Iosco	6	16	1	(D)
Jackson	10	15	4	(D)
Kalamazoo	4	1	1	(D)
Kent	18	414	9	92
Lapeer	8	(D)	2	(D)
Lenawee	11	238	3	90
Livingston	5	2	1	(D)
Macomb	38	124	5	(D)
Manistee	6	85	6	85
Mason	14	202	5	121
Mecosta	3	(Z)	2	(D)
Midland	6	(D)	–	–
Monroe	15	65	2	(D)
Montcalm	14	729	8	564
Muskegon	12	1 463	6	(D)
Newaygo	5	29	3	22
Oakland	11	10	3	(D)
Oceana	38	1 170	6	85
Ottawa	30	607	17	301
Saginaw	20	775	2	(D)
St Clair	13	118	–	–
St Joseph	3	(D)	1	(D)
Sanilac	24	1 514	–	–
Shiawassee	12	311	1	(D)
Tuscola	18	1 154	1	(D)
Van Buren	40	1 574	23	1 408
Washtenaw	11	32	8	30
Wayne	30	30	4	(D)
All other counties	27	329	9	9
Farms not on mail list	154	2 431	–	–
EGGPLANT				
Michigan	74	100	22	53
Berrien	14	21	7	18
Kent	4	2	3	(D)
Macomb	18	38	3	21
Monroe	6	7	1	(D)
Oceana	3	2	–	–
Van Buren	4	13	2	(D)
Wayne	8	7	2	(D)
All other counties	17	10	4	4
ENDIVE				
Michigan	6	10	2	(D)
ESCAROLE				
Michigan	3	(D)	2	(D)
GARLIC				
Michigan	4	2	–	–
HONEYDEW MELONS				
Michigan	136	184	13	41
Bay	16	43	2	(D)
Berrien	5	19	4	17
Kent	4	4	1	(D)
Livingston	3	(D)	–	–
Macomb	8	16	–	–
Monroe	3	(D)	–	–
Oakland	3	8	–	–
Saginaw	5	13	1	(D)
Tuscola	3	(D)	–	–
All other counties	26	27	5	6
Farms not on mail list	60	24	–	–

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
LETTUCE AND ROMAINE				
Michigan	135	1 171	40	747
Genesee	3	(D)	1	(D)
Ingham	3	(D)	2	(D)
Kent	14	95	10	63
Lapeer	11	179	5	132
Macomb	13	154	8	126
Monroe	5	48	1	(D)
Washtenaw	3	(D)	–	–
All other counties	24	152	13	136
Farms not on mail list	59	6	–	–
MUSTARD GREENS				
Michigan	61	328	18	132
Kent	4	13	4	13
Lapeer	4	8	–	–
Macomb	26	201	10	110
Monroe	7	(D)	–	–
St Clair	5	(D)	–	–
All other counties	15	44	4	10
ONIONS, DRY				
Michigan	309	8 390	78	2 846
Allegan	16	1 241	7	299
Barry	4	127	2	(D)
Bay	34	107	3	18
Berrien	3	(D)	1	(D)
Calhoun	9	224	2	(D)
Clinton	3	(D)	3	(D)
Eaton	6	217	–	–
Genesee	3	(D)	1	(D)
Ingham	9	580	3	(D)
Ionia	8	960	2	(D)
Jackson	5	312	2	(D)
Kent	11	323	7	231
Lapeer	17	318	8	216
Livingston	3	(D)	–	–
Macomb	6	11	1	(D)
Monroe	5	1	–	–
Muskegon	3	639	2	(D)
Newaygo	24	1 615	11	910
Ottawa	40	872	12	105
Saginaw	8	11	1	(D)
Tuscola	7	35	1	(D)
Van Buren	7	187	1	(D)
Washtenaw	4	2	1	(D)
Wayne	13	37	1	(D)
All other counties	27	175	6	113
Farms not on mail list	34	3	–	–
ONIONS, GREEN				
Michigan	53	200	18	81
Bay	4	6	–	–
Kent	8	36	7	30
Lapeer	4	7	–	–
Macomb	7	34	2	(D)
Ottawa	3	(D)	1	(D)
Wayne	3	(D)	–	–
All other counties	24	99	8	36
OKRA				
Michigan	18	20	2	(D)
Ionia	3	(D)	–	–
Wayne	3	(D)	1	(D)
All other counties	12	8	1	(D)
PARSLEY				
Michigan	7	20	3	(D)
PEAS, GREEN, EXCLUDING GREEN COWPEAS				
Michigan	140	2 689	25	691
Allegan	3	(D)	2	(D)
Barry	16	483	–	–
Bay	4	(D)	1	(D)
Berrien	4	2	–	–
Eaton	6	184	–	–
Genesee	4	2	2	(D)
Ionia	13	331	–	–
Jackson	3	1	–	–
Kent	3	(D)	1	(D)
Macomb	4	(D)	–	–
Mecosta	3	310	3	310
Monroe	3	(D)	–	–
Montcalm	4	240	4	240
Oceana	4	3	2	(D)
Ottawa	5	2	–	–

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
PEAS, GREEN, EXCLUDING GREEN COWPEAS—Con.				
Sanilac	25	827	–	–
Van Buren	5	18	1	(D)
Washtenaw	6	15	2	(D)
All other counties	25	42	7	22
PEPPERS, HOT				
Michigan	151	422	24	101
Bay	15	102	–	–
Berrien	6	17	5	17
Genesee	4	3	1	(D)
Kent	5	5	2	(D)
Macomb	14	21	–	–
Monroe	9	58	4	52
Oceana	4	5	–	–
Saginaw	6	141	2	(D)
Washtenaw	3	3	2	(D)
Wayne	7	4	–	–
All other counties	19	59	8	23
Farms not on mail list	59	6	–	–
PEPPERS, SWEET				
Michigan	479	1 862	141	756
Allegan	9	12	–	–
Barry	3	(D)	1	(D)
Bay	34	313	5	36
Berrien	49	316	32	252
Branch	4	(D)	2	(D)
Calhoun	4	1	–	–
Cass	9	(D)	6	(D)
Eaton	4	5	3	5
Genesee	7	8	1	(D)
Gratiot	8	45	3	(D)
Hillsdale	3	(D)	1	(D)
Ingham	6	8	2	(D)
Ionia	3	1	1	(D)
Jackson	6	2	4	1
Kalamazoo	3	(D)	1	(D)
Kent	23	46	13	38
Lenawee	8	34	2	(D)
Livingston	4	(D)	2	(D)
Macomb	50	179	9	64
Manistee	3	(D)	3	(D)
Monroe	29	79	4	(D)
Muskegon	4	1	1	(D)
Newaygo	3	(D)	3	(D)
Oakland	9	10	2	(D)
Oceana	5	5	–	–
Ottawa	17	36	10	31
Saginaw	16	421	4	(D)
St Clair	13	36	2	(D)
St Joseph	3	(D)	2	(D)
Tuscola	3	(D)	–	–
Van Buren	14	50	6	26
Washtenaw	12	13	5	10
Wayne	33	53	5	13
All other counties	18	9	6	2
Farms not on mail list	60	30	–	–
PUMPKINS				
Michigan	362	906	55	96
Allegan	7	8	2	(D)
Antrim	4	1	1	(D)
Barry	4	2	2	(D)
Bay	11	32	1	(D)
Berrien	24	65	6	14
Calhoun	7	7	–	–
Cass	5	13	1	(D)
Eaton	7	25	3	(D)
Genesee	10	18	–	–
Ingham	3	(D)	–	–
Ionia	5	(D)	2	(D)
Jackson	9	8	4	2
Kalamazoo	8	33	–	–
Kent	17	29	5	5
Lapeer	3	2	–	–
Leelanau	3	3	2	(D)
Lenawee	3	1	–	–
Livingston	9	15	2	(D)
Macomb	38	101	3	(D)
Monroe	15	57	–	–
Montcalm	3	(Z)	–	–
Muskegon	3	3	–	–
Newaygo	5	5	3	3
Oakland	10	115	2	(D)
Ottawa	16	20	4	7
Saginaw	5	15	2	(D)
St Clair	10	17	–	–
Van Buren	12	53	–	–
Washtenaw	21	94	5	20
Wayne	16	69	1	(D)
All other counties	35	51	4	7
Farms not on mail list	34	34	–	–

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
RADISHES				
Michigan	50	5 623	18	4 419
Kent	6	(D)	5	(D)
Lapeer	6	37	2	(D)
Macomb	8	48	1	(D)
St Joseph	3	(D)	1	(D)
Washtenaw	3	(D)	1	(D)
All other counties	24	3 172	8	2 037
RHUBARB				
Michigan	32	187	11	92
Berrien	6	76	5	64
Kent	4	2	3	2
Macomb	8	(D)	1	(D)
Van Buren	4	(D)	–	–
All other counties	10	51	2	(D)
SPINACH				
Michigan	42	216	19	92
Kent	5	43	5	(D)
Lapeer	8	57	2	(D)
Macomb	11	51	5	29
Ottawa	5	17	3	12
All other counties	13	48	4	11
SQUASH				
Michigan	502	1 864	96	584
Allegan	5	7	2	(D)
Alpena	3	3	–	–
Arenac	3	(D)	–	–
Barry	5	2	2	(D)
Bay	30	58	1	(D)
Berrien	94	485	25	259
Branch	4	4	1	(D)
Calhoun	6	20	–	–
Cass	10	57	4	43
Eaton	4	4	1	(D)
Genesee	10	8	2	(D)
Hillsdale	5	22	1	(D)
Ingham	6	6	1	(D)
Ionia	3	1	1	(D)
Jackson	9	6	2	(D)
Kalamazoo	8	18	1	(D)
Kent	28	119	16	45
Lapeer	9	7	–	–
Lenawee	9	29	2	(D)
Livingston	4	(D)	–	–
Macomb	54	313	5	(D)
Manistee	4	3	2	(D)
Monroe	19	57	2	(D)
Muskegon	4	6	–	–
Newaygo	10	104	5	64
Oakland	4	3	–	–
Oceana	15	161	3	36
Ottawa	23	47	8	27
Saginaw	13	64	–	–
St Clair	13	42	1	(D)
Sanilac	3	1	–	–
Shiawassee	3	(D)	–	–
Van Buren	26	127	1	(D)
Washtenaw	7	8	–	–
Wayne	16	24	1	(D)
All other counties	33	27	6	5
SWEET CORN				
Michigan	1 573	10 873	252	2 936
Alcona	3	(D)	1	(D)
Alger	3	1	1	(D)
Allegan	38	131	7	48
Alpena	9	51	3	9
Antrim	7	18	2	(D)
Barry	9	21	1	(D)
Bay	60	303	4	33
Benzie	6	11	1	(D)
Berrien	77	401	21	148
Branch	11	50	4	(D)
Calhoun	25	125	1	(D)
Cass	24	104	5	(D)
Charlevoix	10	32	3	9
Cheboygan	10	19	–	–
Chippewa	5	7	–	–
Clare	6	11	–	–
Clinton	15	167	1	(D)
Delta	7	19	3	(D)
Eaton	19	90	7	33
Emmet	6	67	3	23
Genesee	45	444	4	6
Gladwin	3	3	–	–
Grand Traverse	9	35	–	–
Gratiot	6	39	–	–
Hillsdale	10	60	–	–

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
SWEET CORN—Con.				
Houghton	9	9	2	(D)
Huron	4	9	–	–
Ingham	17	107	3	(D)
Ionia	11	319	5	(D)
Iron	3	(D)	–	–
Isabella	4	(D)	1	(D)
Jackson	26	170	5	61
Kalamazoo	19	85	1	(D)
Kent	55	551	21	186
Lapeer	27	396	2	(D)
Leelanau	5	24	2	(D)
Lenawee	18	71	5	(D)
Livingston	22	158	5	(D)
Macomb	69	957	8	69
Manistee	10	67	6	62
Marquette	6	18	1	(D)
Mason	10	39	1	(D)
Mecosta	6	15	1	(D)
Midland	15	62	–	–
Missaukee	3	(D)	1	(D)
Monroe	42	539	4	(D)
Montcalm	12	(D)	2	(D)
Muskegon	18	70	3	5
Newaygo	14	44	6	19
Oakland	31	454	7	(D)
Oceana	9	37	1	(D)
Ogemaw	8	13	2	(D)
Osceola	3	(D)	1	(D)
Otsego	7	42	–	–
Ottawa	60	533	12	99
Presque Isle	6	5	1	(D)
Saginaw	36	282	3	(D)
St Clair	42	341	1	(D)
St Joseph	14	78	6	47
Sanilac	9	29	–	–
Shiawassee	14	53	1	(D)
Tuscola	15	53	1	(D)
Van Buren	43	253	5	20
Washtenaw	49	1 199	12	839
Wayne	43	972	4	109
Wexford	4	4	2	(D)
All other counties	20	66	1	(D)
Farms not on mail list	312	264	35	70
TOMATOES				
Michigan	1 229	7 900	311	2 272
Allegan	20	23	5	4
Antrim	5	4	3	(D)
Arenac	3	(D)	1	(D)
Barry	9	4	4	3
Bay	52	268	6	49
Benzie	4	2	2	(D)
Berrien	236	3 732	70	895
Branch	6	17	3	(D)
Calhoun	14	9	2	(D)
Cass	26	403	12	266
Charlevoix	3	(D)	1	(D)
Clare	3	2	–	–
Clinton	9	8	3	(D)
Eaton	8	11	3	9
Genesee	20	39	5	3
Gladwin	3	1	–	–
Grand Traverse	4	8	–	–
Gratiot	6	7	2	(D)
Hillsdale	5	3	–	–
Ingham	8	13	1	(D)
Ionia	3	1	1	(D)
Isabella	3	5	1	(D)
Jackson	18	70	6	3
Kalamazoo	7	5	2	(D)
Kent	35	29	17	16
Lapeer	12	7	1	(D)
Lenawee	31	775	5	(D)
Livingston	10	10	3	2
Macomb	96	261	9	22
Manistee	6	17	4	16
Marquette	3	(D)	–	–
Mason	4	(D)	–	–
Midland	9	6	1	(D)
Monroe	71	895	9	309
Montcalm	6	2	3	(D)
Muskegon	11	9	4	2
Newaygo	5	2	1	(D)
Oakland	25	33	7	11
Oceana	6	8	3	(D)
Osceola	3	2	1	(D)
Ottawa	37	95	15	29
Saginaw	24	222	6	(D)
St Clair	27	64	–	–
St Joseph	9	4	5	2
Sanilac	7	3	–	–
Shiawassee	3	9	–	–
Tuscola	5	9	–	–
Van Buren	47	486	20	316
Washtenaw	35	93	15	77
Wayne	53	150	4	(D)
All other counties	20	17	10	7
Farms not on mail list	154	43	35	7

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

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
TURNIPS				
Michigan	47	209	14	127
Kent	3	(D)	2	(D)
Macomb	10	72	4	35
Newaygo	3	18	1	(D)
Van Buren	5	(D)	2	(D)
All other counties	26	68	5	42
TURNIP GREENS				
Michigan	111	255	15	104
Berrien	3	(D)	2	(D)
Genesee	4	6	1	(D)
Kent	3	13	3	13
Macomb	19	170	6	79
Monroe	7	11	–	–
St Clair	4	(D)	–	–
All other counties	12	27	3	9
Farms not on mail list	59	6	–	–
MIXED VEGETABLES				
Michigan	125	356	37	84
Allegan	10	24	7	16
Barry	3	4	2	(D)
Bay	5	14	–	–
Berrien	6	15	–	–
Cass	4	11	–	–
Delta	4	4	2	(D)
Genesee	3	6	1	(D)
Houghton	5	4	2	(D)
Ingham	3	(D)	1	(D)
Jackson	5	8	3	5
Macomb	8	61	1	(D)
Oakland	3	(D)	2	(D)
Oceana	3	6	3	6
Ottawa	5	(D)	1	(D)
Saginaw	6	10	–	–

All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres
MIXED VEGETABLES—Con.				
St Clair	6	10	–	–
St Joseph	4	8	–	–
Van Buren	7	12	4	4
Washtenaw	6	19	2	(D)
Wayne	8	25	1	(D)
All other counties	21	51	5	12
WATERMELONS				
Michigan	92	109	26	35
Bay	9	19	3	(D)
Berrien	4	3	2	(D)
Hillsdale	3	(D)	–	–
Jackson	3	(D)	2	(D)
Lenawee	3	1	–	–
Macomb	10	24	–	–
Monroe	7	9	1	(D)
Montcalm	3	3	–	–
Ottawa	5	7	5	6
Saginaw	4	5	1	(D)
St Joseph	4	1	4	1
Washtenaw	8	12	4	11
Wayne	3	4	–	–
All other counties	26	17	4	3
OTHER VEGETABLES				
Michigan	92	443	15	135
Allegan	6	7	–	–
Bay	4	12	–	–
Berrien	5	7	2	(D)
Genesee	3	(D)	1	(D)
Kent	5	(D)	3	(D)
Macomb	16	60	1	(D)
Monroe	4	7	1	(D)
Newaygo	5	85	1	(D)
Ottawa	5	20	2	(D)
Washtenaw	3	6	1	(D)
All other counties	36	148	3	15

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									
Michigan	5 299	170 650	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Alcona	12	33	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Allegan	177	5 893	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Alpena	18	125	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Antrim	82	3 909	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Arenac	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Baraga	8	34	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Barry	25	237	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bay	20	50	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Benzie	102	4 258	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Berrien	1 044	29 264	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Branch	16	281	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Calhoun	17	387	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cass	62	2 027	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Charlevoix	14	974	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cheboygan	8	53	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Chippewa	5	19	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Clare	6	50	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Clinton	35	467	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Delta	13	31	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Dickinson	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Eaton	22	162	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Emmet	14	66	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Genesee	48	868	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gladwin	4	6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Grand Traverse	237	14 055	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gratiot	12	138	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hillsdale	19	264	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Houghton	12	32	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Huron	8	42	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ingham	26	319	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ionia	60	3 369	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Iosco	7	45	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Isabella	13	132	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Jackson	43	612	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kalamazoo	91	2 073	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kalkaska	6	19	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kent	265	17 760	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Lake	5	54	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Lapeer	52	934	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Leelanau	292	14 628	(X)	(X)	(X)	(X)	(X)	(X)	(X)

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
LAND IN ORCHARDS—Con.									
Lenawee	42	513	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Livingston	33	662	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Macomb	64	1 470	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Manistee	110	5 399	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Marquette	5	21	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mason	84	5 305	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mecosta	15	367	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Menominee	10	30	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Midland	12	31	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Missaukee	3	7	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Monroe	62	459	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Montcalm	25	755	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Muskegon	36	3 223	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Newaygo	42	1 864	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Oakland	70	673	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Oceana	290	16 660	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ogemaw	9	67	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ontonagon	7	15	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Osceola	5	23	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Otsego	4	6	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Ottawa	103	4 571	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Presque Isle	9	22	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Roscommon	5	75	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Saginaw	30	200	(X)	(X)	(X)	(X)	(X)	(X)	(X)
St Clair	30	526	(X)	(X)	(X)	(X)	(X)	(X)	(X)
St Joseph	13	299	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Sanilac	39	395	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Shiawassee	14	117	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Tuscola	11	271	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Van Buren	510	20 423	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Washtenaw	62	868	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Wayne	45	354	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Wexford	6	11	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	10	15	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Farms not on mail list	577	1 237	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Michigan	3 280	71 887	4 777 902	1 815	975 627	2 807	3 802 275	2 422	773 356 281
Alcona	11	24	684	4	90	10	594	6	9 680
Allegan	134	2 745	145 801	68	26 647	124	119 154	105	26 086 063
Alpena	16	97	3 923	10	494	14	3 429	5	(D)
Antrim	37	549	25 792	18	5 231	33	20 561	27	4 086 550
Arenac	3	(D)	1 440	1	(D)	3	(D)	3	(D)
Baraga	8	31	1 363	4	(D)	6	(D)	1	(D)
Barry	20	181	12 062	13	1 002	17	11 060	8	947 350
Bay	18	36	3 453	13	1 451	14	2 002	10	136 275
Benzie	51	1 251	79 962	24	10 533	48	69 429	43	11 652 130
Berrien	485	10 705	715 041	230	138 795	469	576 246	414	131 044 346
Branch	15	224	16 066	6	886	12	15 180	10	1 953 981
Calhoun	17	330	17 008	5	(D)	13	(D)	11	2 600 160
Cass	49	1 208	90 596	29	29 423	44	61 173	38	12 277 149
Charlevoix	8	247	10 421	5	(D)	8	(D)	8	(D)
Cheboygan	7	30	1 149	1	(D)	7	(D)	6	(D)
Chippewa	4	14	274	1	(D)	3	(D)	3	(D)
Clare	6	47	1 439	5	649	5	790	2	(D)
Clinton	33	446	46 029	24	26 921	28	19 108	21	3 355 014
Delta	13	29	1 325	8	(D)	11	(D)	8	29 490
Dickinson	4	5	81	1	(D)	4	(D)	2	(D)
Eaton	20	128	8 897	11	6 008	16	2 889	13	538 542
Emmet	13	50	1 709	7	294	12	1 415	7	23 210
Genesee	44	771	31 177	24	7 959	39	23 218	32	3 493 347
Gladwin	4	(D)	64	3	46	4	18	4	1 190
Grand Traverse	91	1 523	161 492	37	56 987	80	104 505	76	11 579 085
Gratiot	8	(D)	14 915	3	(D)	8	(D)	8	(D)
Hillsdale	16	221	14 256	12	1 852	9	12 404	6	3 330 822
Houghton	12	29	962	6	(D)	11	(D)	7	(D)
Huron	8	20	1 467	7	(D)	6	(D)	5	2 700
Ingham	25	274	17 399	15	4 319	18	13 080	17	2 520 155
Ionia	52	3 123	178 190	28	39 790	51	138 400	46	31 448 901
Iosco	7	37	474	3	43	7	431	6	(D)
Isabella	13	98	4 291	6	1 360	11	2 931	7	(D)
Jackson	42	505	16 562	16	804	37	15 758	29	2 976 113
Kalamazoo	45	860	48 981	17	5 038	44	43 943	34	7 182 217
Kalkaska	5	17	610	2	(D)	3	(D)	1	(D)
Kent	248	14 621	1 021 261	118	168 550	243	852 711	233	172 559 179
Lake	5	47	2 238	3	(D)	5	(D)	3	(D)
Lapeer	48	807	41 536	32	9 531	35	32 005	25	6 512 466
Leelanau	52	1 126	120 621	23	30 564	43	90 057	40	7 038 456
Lenawee	39	370	23 567	18	1 998	35	21 569	25	3 071 042
Livingston	31	531	56 524	15	7 497	28	49 027	22	4 090 926
Macomb	57	1 216	82 989	19	5 657	52	77 332	45	13 286 425
Manistee	52	1 974	129 122	22	17 753	49	111 369	47	22 872 747
Marquette	5	21	945	1	(D)	4	(D)	2	(D)
Mason	62	1 593	92 271	37	20 545	59	71 726	55	13 844 316
Mecosta	10	126	8 810	7	1 760	8	7 050	8	(D)
Menominee	9	19	266	7	85	9	181	7	9 580
Midland	12	17	2 344	8	(D)	11	(D)	9	36 360
Monroe	52	385	35 064	32	13 912	36	21 152	29	3 278 926
Montcalm	21	654	41 865	10	18 068	18	23 797	17	5 994 416
Muskegon	32	1 853	117 731	16	26 777	29	90 954	28	35 298 371
Newaygo	36	1 371	95 151	22	17 896	29	77 255	26	21 647 940
Oakland	64	597	30 841	19	5 354	58	25 487	39	5 287 630
Oceana	146	4 268	292 921	58	51 489	142	241 432	130	39 383 841
Ogemaw	8	40	2 622	6	219	8	2 403	4	(D)
Ontonagon	7	14	388	4	68	7	320	5	1 040

All Farms

	Total			Nonbearing age		Bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Farms	Pounds
APPLES—Con.									
Osceola	5	23	407	3	(D)	4	(D)	3	4 400
Otsego	4	3	88	3	(D)	3	(D)	1	(D)
Ottawa	92	3 457	175 718	40	26 565	85	149 153	77	40 707 354
Presque Isle	9	21	378	2	(D)	7	(D)	3	3 120
Roscommon	5	58	2 425	4	(D)	4	(D)	3	(D)
Saginaw	26	166	9 274	14	588	22	8 686	19	726 702
St Clair	25	418	26 917	13	1 201	19	25 716	14	3 528 080
St Joseph	12	242	9 210	8	(D)	10	(D)	7	1 540 004
Sanilac	38	343	20 323	26	7 235	33	13 088	26	1 809 415
Shiawassee	13	111	7 788	5	1 224	12	6 564	11	768 604
Tuscola	10	187	16 804	5	(D)	9	(D)	6	(D)
Van Buren	201	7 738	535 605	96	108 928	191	426 677	176	95 150 873
Washtenaw	51	731	48 506	28	15 751	41	32 755	32	5 680 695
Wayne	40	246	19 099	21	3 574	36	15 525	27	2 168 905
Wexford	3	6	171	1	(D)	3	(D)	1	(D)
All other counties	11	17	371	7	97	9	274	6	6 885
Farms not on mail list	395	459	30 386	395	22 371	182	8 015	182	1 574 040
APRICOTS									
Michigan	223	362	30 534	152	9 539	162	20 995	98	884 597
Allegan	9	4	168	7	52	5	116	2	(D)
Antrim	3	(D)	508	2	(D)	3	(D)	3	(D)
Barry	4	(Z)	23	4	23	–	–	–	–
Benzie	7	15	1 641	3	(D)	6	(D)	6	67 637
Berrien	22	39	2 724	16	747	17	1 977	14	69 014
Cass	6	(D)	217	2	(D)	4	(D)	3	(D)
Eaton	3	(Z)	15	3	(D)	2	(D)	2	(D)
Grand Traverse	8	26	2 717	6	487	5	2 230	5	152 674
Hillsdale	4	(Z)	12	4	(D)	2	(D)	2	(D)
Ingham	4	(D)	203	2	(D)	2	(D)	2	(D)
Kent	6	21	829	–	–	6	829	6	102 742
Leelanau	12	59	5 453	8	2 721	10	2 732	9	234 105
Lenawee	5	5	430	3	(D)	4	(D)	1	(D)
Livingston	6	1	59	5	41	3	18	1	(D)
Macomb	4	1	13	2	(D)	2	(D)	2	(D)
Manistee	4	12	742	1	(D)	4	(D)	3	(D)
Monroe	3	1	49	2	(D)	2	(D)	1	(D)
Oakland	6	1	45	1	(D)	6	(D)	4	(D)
Oceana	12	19	1 658	5	837	9	821	9	48 671
Sanilac	4	(Z)	13	2	(D)	3	(D)	3	388
Van Buren	12	28	2 231	6	641	8	1 590	8	109 960
Washtenaw	5	1	42	3	(D)	3	(D)	3	(D)
All other counties	39	15	1 082	30	359	21	723	9	6 432
Farms not on mail list	35	98	9 660	35	3 010	35	6 650	–	–
CHERRIES									
Michigan	2 456	61 746	5 320 163	1 476	1 595 237	2 183	3 724 926	1 839	201 810 909
Alcona	3	1	21	3	(D)	1	(D)	1	(D)
Allegan	97	1 076	85 010	52	29 206	89	55 804	68	1 586 737
Alpena	7	16	1 069	3	86	5	983	2	(D)
Antrim	70	3 050	275 298	42	76 569	70	198 729	66	13 635 418
Barry	11	17	988	5	245	8	743	6	(D)
Bay	6	1	41	4	24	6	17	4	223
Benzie	82	2 676	216 559	38	42 742	80	173 817	76	13 313 095
Berrien	413	5 322	449 957	205	159 960	398	289 997	326	10 623 094
Branch	5	5	149	2	(D)	3	(D)	2	(D)
Calhoun	7	(D)	3 178	6	(D)	5	(D)	2	(D)
Cass	29	408	38 133	17	13 650	24	24 483	20	1 080 615
Charlevoix	8	688	43 637	6	13 966	7	29 671	7	1 401 436
Cheboygan	4	(D)	(D)	–	–	4	(D)	4	(D)
Chippewa	3	(D)	121	1	(D)	3	(D)	1	(D)
Clinton	5	(D)	(D)	–	–	5	(D)	3	(D)
Eaton	5	2	132	4	(D)	3	(D)	2	(D)
Emmet	3	(D)	47	1	(D)	3	(D)	3	(D)
Genesee	11	30	2 302	4	(D)	9	(D)	5	(D)
Grand Traverse	223	11 515	1 077 290	156	297 270	221	780 020	215	51 847 972
Gratiot	4	2	101	1	(D)	4	(D)	3	(D)
Hillsdale	9	4	253	8	(D)	3	(D)	2	(D)
Huron	3	(D)	400	2	(D)	3	(D)	3	160
Ingham	5	4	210	4	(D)	2	(D)	1	(D)
Ionia	12	89	8 128	7	5 514	9	2 614	7	67 280
Iosco	3	1	62	2	(D)	3	(D)	3	312
Isabella	5	5	270	1	(D)	5	(D)	3	(D)
Jackson	19	49	3 025	8	144	14	2 881	7	31 853
Kalamazoo	22	241	23 676	13	9 264	19	14 412	15	594 764
Kent	58	1 436	121 355	28	37 232	54	84 123	43	1 981 066
Lapeer	17	23	1 568	13	(D)	9	(D)	3	(D)
Leelanau	281	12 320	980 734	183	272 536	273	708 198	262	52 769 738
Lenawee	17	40	3 370	8	(D)	15	(D)	10	16 230
Livingston	10	7	989	6	(D)	7	(D)	5	(D)
Macomb	16	12	1 046	7	(D)	11	(D)	11	(D)
Manistee	89	3 044	241 890	36	55 076	85	186 814	80	11 421 473
Mason	73	3 011	264 935	49	97 782	72	167 153	66	7 711 063
Mecosta	11	191	16 147	5	(D)	9	(D)	8	(D)
Monroe	15	4	151	12	134	5	17	4	(D)
Montcalm	5	53	4 963	4	(D)	5	(D)	5	(D)
Muskegon	15	1 106	103 057	9	18 047	13	85 010	12	2 124 900
Newaygo	20	311	30 951	16	11 531	16	19 420	15	652 836
Oakland	17	8	389	5	16	15	373	12	(D)
Oceana	253	9 910	897 508	155	289 377	243	608 131	223	22 298 249
Ottawa	31	505	42 567	22	17 350	24	25 217	23	1 255 266
Presque Isle	3	(Z)	16	3	(D)	2	(D)	2	(D)
St Clair	8	41	2 012	6	571	5	1 441	4	45 600

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
CHERRIES—Con.									
St Joseph	4	24	2 255	2	(D)	3	(D)	1	(D)
Sanilac	10	7	552	9	(D)	7	(D)	4	(D)
Tuscola	5	(D)	4 494	4	(D)	2	(D)	2	(D)
Van Buren	187	3 903	343 192	110	118 016	171	225 176	140	6 250 077
Washtenaw	12	15	2 081	12	(D)	6	(D)	2	(D)
Wayne	13	17	789	6	86	10	703	2	(D)
All other counties	26	36	2 616	19	1 089	22	1 527	9	49 993
Farms not on mail list	186	386	18 469	152	17 482	93	987	34	3 808
GRAPES (FRESH WEIGHT) (SEE TEXT)									
Michigan	1 553	15 529	7 788 180	350	399 156	1 489	7 389 024	1 247	118 356 478
Alcona	5	4	1 490	2	(D)	3	(D)	2	(D)
Allegan	29	209	94 369	9	22 018	28	72 351	21	850 283
Alpena	4	1	413	3	35	4	378	3	196
Antrim	7	22	11 249	2	(D)	6	(D)	5	5 490
Barry	8	6	2 604	5	63	6	2 541	4	244
Bay	12	8	3 840	5	308	11	3 532	10	47 775
Benzie	5	21	6 532	4	6 045	4	487	2	(D)
Berrien	674	7 243	3 594 701	111	201 041	671	3 393 660	623	56 929 707
Calhoun	5	3	718	3	48	3	670	3	310
Cass	26	257	134 587	4	6 998	25	127 589	22	1 658 591
Clinton	14	6	2 240	9	108	14	2 132	12	8 688
Eaton	7	5	2 565	4	112	6	2 453	3	2 600
Emmet	3	1	313	1	(D)	3	(D)	3	320
Genesee	12	11	4 206	2	(D)	12	(D)	7	32 114
Grand Traverse	7	42	42 235	4	300	6	41 935	5	4 314
Hillsdale	7	8	3 597	4	47	5	3 550	2	(D)
Huron	5	5	2 356	3	454	4	1 902	4	425
Ingham	3	1	288	1	(D)	3	(D)	3	380
Ionia	6	2	639	4	91	5	548	4	1 184
Isabella	6	1	130	1	(D)	6	(D)	4	1 695
Jackson	8	2	767	3	13	8	754	3	614
Kalamazoo	56	922	423 909	10	24 116	56	399 793	53	6 554 387
Kent	11	24	8 122	3	825	10	7 297	6	58 455
Lapeer	16	3	908	7	151	12	757	6	302
Leelanau	7	66	42 640	6	34 555	4	8 085	3	52 212
Lenawee	10	10	4 742	5	179	6	4 563	5	51 940
Livingston	8	6	856	4	74	6	782	6	2 776
Macomb	20	24	9 101	4	361	20	8 740	16	61 817
Mason	4	2	965	2	(D)	3	(D)	1	(D)
Mecosta	4	1	347	1	(D)	4	(D)	3	850
Menominee	3	(Z)	98	–	–	3	98	2	(D)
Midland	7	6	2 139	2	(D)	6	(D)	4	6 910
Missaukee	3	1	197	2	(D)	3	(D)	1	(D)
Monroe	30	19	8 372	14	2 037	22	6 335	20	27 877
Montcalm	3	14	8 047	2	(D)	1	(D)	–	–
Muskegon	4	3	1 143	–	–	4	1 143	4	17 850
Newaygo	4	1	186	3	(D)	2	(D)	2	(D)
Oakland	19	24	14 777	10	8 773	18	6 004	12	32 022
Oceana	6	21	10 368	3	5 965	6	4 403	5	21 060
Ottawa	7	14	4 915	5	445	5	4 470	1	(D)
Saginaw	13	14	4 761	8	470	11	4 291	10	13 930
St Clair	4	9	4 026	3	(D)	2	(D)	2	(D)
St Joseph	3	2	855	1	(D)	3	(D)	1	(D)
Sanilac	12	5	1 981	8	260	11	1 721	9	8 106
Tuscola	5	1	143	4	33	5	110	5	1 382
Van Buren	308	6 412	3 297 662	27	61 674	308	3 235 988	283	51 810 813
Washtenaw	16	20	9 534	11	4 080	13	5 454	10	27 627
Wayne	16	12	2 833	7	278	14	2 555	13	11 089
All other counties	32	13	3 891	14	246	29	3 645	19	8 407
Farms not on mail list	69	28	10 823	–	–	69	10 823	–	–
NECTARINES									
Michigan	17	38	3 728	11	919	10	2 809	10	129 527
Berrien	3	12	1 160	2	(D)	2	(D)	2	(D)
Van Buren	5	22	1 918	3	235	5	1 683	5	106 950
All other counties	9	5	650	6	(D)	3	(D)	3	(D)
PEACHES									
Michigan	1 467	10 804	1 047 725	963	303 568	1 115	744 157	946	50 993 384
Allegan	86	961	90 402	52	25 746	78	64 656	71	5 027 656
Antrim	18	63	5 635	10	2 191	16	3 444	13	208 780
Barry	7	22	2 066	5	(D)	5	(D)	3	(D)
Bay	3	1	83	3	23	3	60	3	(D)
Benzie	17	62	5 387	9	2 035	14	3 352	14	209 340
Berrien	384	4 378	439 641	240	131 414	347	308 227	306	21 737 944
Branch	6	36	3 385	2	(D)	5	(D)	4	(D)
Calhoun	5	2	76	5	15	3	61	1	(D)
Cass	21	62	4 443	9	151	16	4 292	14	393 472
Charlevoix	6	16	1 540	5	382	6	1 158	4	(D)
Clinton	5	(D)	195	2	(D)	4	(D)	3	2 500
Eaton	7	8	658	5	288	4	370	3	(D)
Genesee	13	13	881	8	262	10	619	6	(D)
Grand Traverse	15	33	3 739	8	736	12	3 003	11	212 670
Gratiot	6	20	1 749	5	365	6	1 384	6	(D)
Hillsdale	9	17	1 602	9	(D)	3	(D)	3	(D)
Huron	3	5	438	2	(D)	3	(D)	3	(D)
Ingham	7	26	3 615	3	(D)	6	(D)	6	182 360
Ionia	17	107	10 605	9	1 195	16	9 410	15	324 788
Isabella	6	18	1 885	4	823	6	1 062	5	3 088

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
PEACHES—Con.									
Jackson	14	38	1 137	8	193	9	944	6	(D)
Kalamazoo	7	29	2 410	5	675	7	1 735	4	92 450
Kent	71	865	82 409	46	20 542	60	61 867	53	3 938 614
Lapeer	18	29	2 336	17	(D)	4	(D)	4	1 720
Leelanau	37	206	15 961	14	1 394	32	14 567	31	1 498 369
Lenawee	18	65	5 419	11	1 386	13	4 033	11	175 114
Livingston	12	65	3 724	7	(D)	9	(D)	9	71 032
Macomb	20	142	14 353	14	5 417	15	8 936	12	1 152 086
Manistee	37	223	17 678	16	5 549	30	12 129	30	688 044
Mason	39	349	36 826	25	10 466	34	26 360	31	2 092 416
Mecosta	5	(D)	1 522	4	(D)	3	(D)	3	(D)
Monroe	30	32	2 204	26	1 088	17	1 116	13	16 510
Montcalm	5	12	1 193	5	(D)	3	(D)	2	(D)
Muskegon	13	89	8 499	5	2 973	12	5 526	10	284 660
Newaygo	14	95	9 038	9	2 353	9	6 685	8	455 860
Oakland	19	12	872	7	462	14	410	12	10 593
Oceana	104	1 155	115 958	67	27 420	88	88 538	82	5 650 035
Ottawa	34	267	25 792	21	10 605	27	15 187	23	953 461
Saginaw	8	6	485	7	293	3	192	2	(D)
St Clair	7	18	1 083	7	(D)	2	(D)	2	(D)
Sanilac	12	22	1 827	9	(D)	9	(D)	8	14 014
Tuscola	4	(D)	985	2	(D)	3	(D)	3	(D)
Van Buren	93	1 025	99 369	48	32 027	83	67 342	72	4 608 104
Washtenaw	20	50	5 085	13	777	12	4 308	10	203 686
Wayne	14	33	3 439	8	554	10	2 885	7	(D)
All other counties	18	30	2 778	14	2 074	10	704	4	8 758
Farms not on mail list	153	69	7 318	153	2 558	34	4 760	–	–
PEARS									
Michigan	1 076	3 644	314 181	316	26 344	951	287 837	650	16 947 495
Allegan	76	632	55 846	16	3 837	74	52 009	55	2 751 604
Alpena	10	10	734	8	70	6	664	4	4 807
Antrim	12	72	6 172	4	278	12	5 894	11	147 510
Barry	11	7	642	6	229	8	413	6	(D)
Bay	6	1	31	4	19	4	12	4	1 560
Benzie	17	55	4 522	5	54	15	4 468	12	326 730
Berrien	165	606	51 095	26	3 897	158	47 198	108	1 985 079
Branch	7	10	705	2	(D)	7	(D)	5	(D)
Calhoun	6	4	132	1	(D)	5	(D)	3	(D)
Cass	13	12	721	6	149	11	572	7	42 350
Clinton	7	1	41	4	35	3	6	3	(D)
Delta	4	2	76	2	(D)	2	(D)	–	–
Eaton	5	6	411	4	(D)	2	(D)	2	(D)
Emmet	4	(D)	306	–	–	4	306	1	(D)
Genesee	17	22	1 089	6	276	14	813	10	46 320
Grand Traverse	25	177	17 661	7	1 160	24	16 501	22	1 987 770
Hillsdale	6	4	256	3	(D)	5	(D)	4	1 280
Houghton	3	(D)	70	1	(D)	2	(D)	–	–
Huron	7	6	248	1	(D)	6	(D)	5	2 120
Ingham	4	(D)	156	3	(D)	2	(D)	2	(D)
Ionia	8	42	3 981	1	(D)	8	(D)	7	57 520
Iosco	3	1	46	2	(D)	2	(D)	2	(D)
Isabella	6	2	77	1	(D)	6	(D)	4	8 470
Jackson	13	7	334	6	26	11	308	7	2 735
Kalamazoo	7	6	468	2	(D)	6	(D)	2	(D)
Kent	53	214	16 790	8	1 321	53	15 469	46	1 176 035
Lapeer	26	51	3 475	18	(D)	17	(D)	9	(D)
Leelanau	26	134	11 867	4	130	23	11 737	21	697 535
Lenawee	12	6	399	8	(D)	7	(D)	6	3 596
Livingston	9	(D)	3 229	2	(D)	7	(D)	6	(D)
Macomb	24	32	2 078	6	224	22	1 854	19	233 260
Manistee	20	60	5 602	6	867	15	4 735	12	297 132
Mason	35	212	18 576	6	1 596	34	16 980	30	1 545 223
Mecosta	4	(D)	942	2	(D)	2	(D)	2	(D)
Midland	5	3	88	3	18	5	70	3	(D)
Monroe	20	11	686	13	93	13	593	9	(D)
Montcalm	5	(D)	496	2	(D)	4	(D)	3	(D)
Muskegon	6	23	1 709	1	(D)	5	(D)	5	197 900
Newaygo	8	13	1 038	4	(D)	4	(D)	4	54 910
Oakland	25	15	840	8	40	22	800	18	46 460
Oceana	56	441	48 134	10	6 128	52	42 006	47	2 235 340
Ogemaw	4	9	245	1	(D)	4	(D)	2	(D)
Ottawa	25	87	6 523	3	8	22	6 515	15	449 828
Presque Isle	3	(Z)	16	1	(D)	2	(D)	2	(D)
Roscommon	3	4	220	1	(D)	3	(D)	2	(D)
Saginaw	7	5	359	5	(D)	3	(D)	3	(D)
St Clair	11	16	1 602	6	86	7	1 516	6	(D)
St Joseph	5	(D)	951	1	(D)	5	(D)	5	(D)
Sanilac	15	8	367	7	60	12	307	11	4 392
Shiawassee	3	(Z)	25	1	(D)	3	(D)	3	422
Tuscola	6	6	312	3	(D)	4	(D)	4	(D)
Van Buren	65	401	33 472	12	1 856	62	31 616	42	1 558 375
Washtenaw	20	38	2 127	5	(D)	17	(D)	10	61 110
Wayne	19	27	2 744	6	47	15	2 697	11	259 240
All other counties	21	29	2 201	8	28	17	2 173	8	2 785
Farms not on mail list	93	33	1 248	34	34	93	1 214	–	–
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
Michigan	1 127	6 287	587 659	410	107 008	1 018	480 651	863	43 164 315
Alcona	3	1	23	2	(D)	1	(D)	1	(D)
Allegan	45	251	20 971	15	2 697	43	18 274	41	1 189 079

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
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)—Con.									
Antrim	18	146	15 190	13	4 977	18	10 213	15	1 180 456
Barry	7	4	271	5	61	6	210	3	28 965
Bay	4	3	283	4	73	4	210	3	1 060
Benzie	27	175	18 076	8	9 242	23	8 834	15	623 941
Berrien	242	939	86 902	64	12 447	236	74 455	207	7 211 297
Branch	6	5	265	2	(D)	5	(D)	4	26 584
Calhoun	4	2	87	1	(D)	3	(D)	3	2 115
Cass	11	70	5 216	4	834	9	4 382	8	292 528
Eaton	6	4	320	4	(D)	2	(D)	2	(D)
Genesee	13	21	1 210	5	238	11	972	10	55 512
Grand Traverse	77	737	71 402	32	16 633	73	54 769	71	3 188 339
Hillsdale	4	11	469	1	(D)	3	(D)	3	46 900
Ingham	6	4	380	4	(D)	2	(D)	2	(D)
Ionia	5	3	258	1	(D)	5	(D)	4	28 070
Isabella	5	7	530	2	(D)	4	(D)	1	(D)
Jackson	4	8	447	2	(D)	4	(D)	3	3 811
Kalamazoo	9	16	1 474	3	640	8	834	6	90 088
Kent	60	579	50 788	14	6 195	57	44 593	53	4 118 591
Lapeer	14	15	898	8	44	8	854	5	60 775
Leelanau	79	713	72 610	33	22 137	72	50 473	67	4 235 951
Lenawee	8	6	292	6	39	6	253	5	739
Livingston	5	2	219	2	(D)	4	(D)	3	6 210
Macomb	15	38	2 728	7	972	12	1 756	9	102 558
Manistee	22	84	6 642	5	1 546	19	5 096	15	353 730
Mason	29	137	12 408	9	1 849	25	10 559	23	1 027 512
Mecosta	6	21	2 046	2	(D)	4	(D)	4	92 070
Midland	4	3	33	1	(D)	3	(D)	3	1 130
Monroe	18	8	433	12	96	9	337	8	47 038
Montcalm	5	11	573	1	(D)	4	(D)	3	65 100
Muskegon	10	151	15 200	1	(D)	10	(D)	9	560 921
Newaygo	15	73	6 430	7	631	11	5 799	11	447 356
Oakland	14	4	277	6	136	12	141	10	6 464
Oceana	93	848	86 185	22	12 677	92	73 508	87	6 503 261
Ottawa	31	241	17 886	8	3 813	25	14 073	24	1 231 040
Saginaw	4	4	209	3	30	3	179	1	(D)
St Clair	10	8	1 551	4	101	10	1 450	4	13 810
Sanilac	12	10	699	2	(D)	11	(D)	9	38 188
Shiawassee	3	3	251	2	(D)	3	(D)	2	(D)
Tuscola	4	11	744	2	(D)	3	(D)	3	22 800
Van Buren	88	880	82 101	20	6 371	86	75 730	83	10 201 984
Washtenaw	8	4	311	3	15	7	296	5	28 135
Wayne	8	5	250	3	24	5	226	2	(D)
All other counties	32	21	1 645	21	791	23	854	13	5 332
Farms not on mail list	34	3	476	34	340	34	136	–	–
OTHER NONCITRUS FRUIT									
Michigan	80	25	1 556	71	1 010	15	546	13	26 714
Allegan	3	(D)	111	2	(D)	2	(D)	2	(D)
Berrien	4	6	498	3	302	3	196	3	(D)
Grand Traverse	3	(D)	103	2	(D)	3	(D)	3	(D)
Washtenaw	3	(D)	99	2	(D)	2	(D)	2	(D)
All other counties	7	2	145	2	(D)	5	(D)	3	810
Farms not on mail list	60	6	600	60	600	–	–	–	–
FILBERTS AND HAZELNUTS									
Michigan	14	8	374	14	(D)	3	(D)	2	(D)
WALNUTS, ENGLISH OR PERSIAN									
Michigan	215	146	4 770	196	1 957	157	2 813	18	4 817
Allegan	4	(D)	69	4	(D)	1	(D)	1	(D)
Barry	3	1	21	3	21	–	–	–	–
Berrien	3	(D)	87	1	(D)	2	(D)	–	–
Eaton	4	(D)	148	2	(D)	4	(D)	3	9
Livingston	3	(D)	49	1	(D)	3	(D)	1	(D)
Oakland	7	7	134	4	28	5	106	3	(D)
Washtenaw	3	(D)	140	3	(D)	1	(D)	1	(D)
All other counties	31	33	832	21	370	19	462	9	2 786
Farms not on mail list	157	80	3 290	157	1 120	122	2 170	–	–
OTHER NUTS									
Michigan	267	168	5 211	166	2 242	154	2 969	15	11 985
Allegan	3	(D)	98	3	(D)	1	(D)	1	(D)
Monroe	3	(D)	46	2	(D)	3	(D)	1	(D)
St Clair	5	10	353	5	(D)	1	(D)	–	–
Van Buren	4	13	580	4	(D)	2	(D)	–	–
Washtenaw	3	(D)	45	1	(D)	3	(D)	3	(D)
Wayne	3	(D)	533	3	(D)	1	(D)	1	(D)
All other counties	30	42	1 490	20	656	21	834	9	10 825
Farms not on mail list	216	76	2 066	128	782	122	1 284	–	–

Table 33. **Berries: 1978**

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
BLACKBERRIES (POUNDS)					
Michigan	29	52	65 702	1	(D)
Allegan	4	7	(D)	–	–
Berrien	12	37	32 503	–	–
All other counties	13	8	(D)	1	(D)
BLUEBERRIES, TAME (POUNDS)					
Michigan	647	9 992	26 746 962	164	3 197
Allegan	105	1 738	5 037 023	16	431
Barry	4	10	9 177	2	(D)
Berrien	93	729	1 394 982	12	91
Calhoun	3	5	5 885	–	–
Cass	7	22	(D)	2	(D)
Genesee	6	67	(D)	4	46
Jackson	5	14	9 190	–	–
Kalamazoo	4	27	37 598	–	–
Lapeer	3	(D)	(D)	–	–
Montcalm	5	12	22 398	5	12
Muskegon	37	796	1 945 623	16	349
Newaygo	3	(D)	(D)	1	(D)
Oakland	4	(D)	26 400	2	(D)
Oceana	5	54	(D)	3	(D)
Ottawa	128	2 929	8 629 769	52	1 248
Saginaw	8	110	233 650	3	(D)
Van Buren	199	3 199	8 239 218	38	890
All other counties	28	143	234 776	8	14
BLUEBERRIES, WILD (POUNDS)					
Michigan	6	15	29 207	1	(D)
CURRANTS (POUNDS)					
Michigan	6	3	(D)	–	–
Berrien	3	3	(D)	–	–
All other counties	3	(Z)	387	–	–
RASPBERRIES (POUNDS)					
Michigan	606	785	894 872	153	318
Alcona	3	(D)	(D)	–	–
Allegan	15	15	18 410	5	3
Alpena	14	55	45 340	3	14
Barry	9	18	23 696	5	12
Bay	8	5	6 620	1	(D)
Benzie	6	14	(D)	2	(D)
Berrien	95	186	251 942	10	41
Calhoun	3	(D)	(D)	2	(D)
Cass	5	4	6 492	1	(D)
Charlevoix	3	(D)	(D)	1	(D)
Cheboygan	3	(D)	1 300	1	(D)
Clinton	8	5	3 669	6	4
Eaton	5	3	2 024	3	2
Emmet	4	3	(D)	2	(D)
Genesee	11	23	33 603	6	20
Grand Traverse	4	9	(D)	2	(D)
Gratiot	5	6	5 700	1	(D)
Houghton	8	13	9 050	1	(D)
Ingham	6	5	4 724	1	(D)
Ionia	7	8	6 890	1	(D)
Jackson	8	4	2 980	–	–
Kalamazoo	10	7	7 222	–	–
Kent	10	10	7 605	4	2
Lapeer	7	13	24 560	3	8
Lenawee	6	5	4 721	1	(D)
Livingston	6	(D)	(D)	3	1
Macomb	9	8	5 910	–	–
Manistee	3	(D)	(D)	2	(D)
Mason	6	8	7 010	–	–
Midland	3	1	409	–	–
Monroe	13	26	28 986	2	(D)
Montcalm	3	(D)	(D)	2	(D)
Muskegon	5	5	7 411	1	(D)
Newaygo	4	14	16 500	3	9
Oakland	6	5	14 805	4	5
Oceana	5	6	5 197	3	(D)
Ottawa	24	24	23 202	9	7
Presque Isle	3	(D)	(D)	–	–
Saginaw	9	23	23 494	3	17

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
RASPBERRIES (POUNDS) – Con.					
St Clair	7	12	9 575	–	–
St Joseph	6	3	3 815	3	(D)
Sanilac	3	(D)	(D)	1	(D)
Shiawassee	4	1	2 300	–	–
Tuscola	3	(D)	(D)	2	(D)
Van Buren	23	67	63 848	6	45
Washtenaw	10	50	48 964	2	(D)
Wayne	5	3	4 512	–	–
All other counties	30	31	41 617	10	15
Farms not on mail list	153	29	29 890	35	18
STRAWBERRIES (POUNDS)					
Michigan	1 058	3 916	18 960 894	508	3 109
Alger	3	29	58 019	3	29
Allegan	22	32	147 550	10	20
Alpena	23	153	842 090	14	119
Antrim	4	5	9 167	3	(D)
Barry	15	23	95 591	8	21
Bay	11	13	42 273	2	(D)
Benzie	6	33	180 160	4	14
Berrien	102	680	4 243 578	78	666
Branch	8	31	209 680	6	30
Calhoun	10	18	51 148	3	(D)
Cass	6	31	(D)	4	31
Charlevoix	3	(D)	(D)	2	(D)
Chippewa	3	(D)	(D)	2	(D)
Clinton	15	17	47 867	10	16
Delta	5	22	142 445	5	22
Eaton	12	20	53 851	8	15
Emmet	6	6	25 407	5	6
Genesee	19	120	396 576	11	111
Grand Traverse	7	32	(D)	3	(D)
Gratiot	9	19	(D)	9	19
Hillsdale	5	(D)	(D)	2	(D)
Houghton	37	124	232 946	11	42
Huron	8	9	(D)	3	9
Ingham	9	46	(D)	5	45
Ionia	16	42	163 746	10	27
Isabella	3	(D)	(D)	2	(D)
Jackson	9	51	197 895	6	45
Kalamazoo	8	32	104 890	3	(D)
Kent	28	110	542 680	14	58
Lapeer	14	40	162 142	5	(D)
Leelanau	19	211	1 578 877	19	184
Lenawee	14	35	78 819	5	28
Livingston	12	29	(D)	8	(D)
Macomb	21	65	181 784	6	(D)
Manistee	31	290	1 869 299	28	288
Marquette	3	(D)	(D)	2	(D)
Mason	11	57	534 356	6	52
Midland	5	(D)	(D)	4	(D)
Missaukee	3	(D)	(D)	2	(D)
Monroe	22	54	148 658	5	32
Montcalm	7	9	11 800	5	8
Muskegon	13	27	172 787	5	13
Newaygo	4	7	(D)	1	(D)
Oakland	14	42	146 323	10	39
Oceana	19	105	437 602	16	102
Ogemaw	3	(D)	(D)	2	(D)
Ontonagon	4	4	(D)	–	–
Ottawa	42	76	257 291	23	61
Saginaw	17	74	381 385	9	66
St Clair	11	19	19 663	–	–
St Joseph	9	23	120 065	6	21
Sanilac	8	15	31 172	3	11
Shiawassee	12	18	84 640	5	13
Tuscola	4	(D)	(D)	2	(D)
Van Buren	34	468	2 560 901	22	337
Washtenaw	19	158	586 615	9	149
Wayne	19	67	278 302	6	60
All other counties	29	56	116 348	13	44
Farms not on mail list	223	157	171 280	35	18
OTHER BERRIES (POUNDS)					
Michigan	47	12	14 940	37	4
Berrien	3	4	(D)	–	–
All other counties	9	5	8 340	2	(D)
Farms not on mail list	35	4	(D)	35	(D)

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)				
Michigan	1 688	22 155 685	19 946	103 862
Allegan	45	600 050	732	7 042
Barry	10	4 992	73	53
Bay	20	264 300	95	839
Benzie	4	(D)	7	18
Berrien	74	616 870	999	3 468
Branch	11	31 994	419	952
Calhoun	21	631 140	592	2 540
Cass	18	85 204	60	328
Charlevoix	4	4 260	(D)	23
Cheboygan	6	(D)	20	(D)
Clare	8	(D)	30	121
Clinton	21	52 100	232	372
Crawford	4	(D)	5	30
Delta	3	(D)	3	(D)
Dickinson	4	(D)	(D)	18
Eaton	13	128 000	598	837
Emmet	10	36 437	43	243
Genesee	27	594 873	318	1 214
Grand Traverse	11	22 220	40	133
Gratiot	15	82 288	189	467
Hillsdale	9	28 477	11	114
Huron	10	(D)	32	86
Ingham	20	267 208	1 090	2 538
Ionia	8	(D)	248	390
Isabella	5	(D)	9	42
Jackson	24	58 463	154	230
Kalamazoo	80	3 034 764	368	7 887
Kalkaska	4	(D)	18	(D)
Kent	86	2 152 868	312	6 492
Lapeer	22	917 316	776	4 206
Leelanau	6	4 396	3	14
Lenawee	17	61 860	84	217
Livingston	34	108 207	399	800
Macomb	106	1 832 066	1 000	8 892
Manistee	11	(D)	192	407
Mason	17	33 500	199	297
Midland	8	2 144	30	48
Missaukee	4	(D)	60	(D)
Monroe	63	955 487	856	3 995
Montcalm	5	(D)	101	(D)
Muskegon	23	275 458	18	792
Newaygo	6	(D)	66	158
Oakland	78	1 327 504	545	9 448
Oceana	17	7 728	206	613
Ogemaw	3	50 052	(D)	(D)
Osceola	4	6 800	8	70
Oscoda	3	(D)	(D)	(D)
Ottawa	115	3 811 783	3 640	16 319
Saginaw	24	216 372	142	946
St Clair	31	181 858	631	1 091
St Joseph	12	19 406	270	549
Sanilac	20	17 768	1 598	1 179
Shiawassee	16	16 900	488	351
Tuscola	5	11 280	5	32
Van Buren	42	314 598	446	5 642
Washtenaw	37	854 020	145	2 506
Wayne	111	1 703 096	666	7 139
Wexford	4	–	64	93
All other counties	25	198 914	255	688
Farms not on mail list	244	190 720	350	275
BEDDING PLANTS				
Michigan	687	9 443 409	383	22 589
Allegan	15	123 000	14	431
Barry	6	4 992	(D)	11
Bay	11	150 700	(D)	280
Berrien	18	125 570	5	202
Branch	5	12 557	–	23
Calhoun	4	(D)	(D)	(D)
Cass	7	33 850	(D)	97
Charlevoix	3	(D)	–	(D)
Clare	3	(D)	(D)	(D)
Clinton	5	18 500	(D)	36
Emmet	4	18 821	(D)	66
Genesee	11	62 473	–	98
Grand Traverse	4	7 220	(D)	9
Gratiot	4	13 000	–	21
Hillsdale	5	26 679	(D)	(D)
Ingham	6	135 224	–	485
Ionia	3	(D)	(D)	(D)
Jackson	5	11 088	–	19
Kalamazoo	51	2 687 836	55	5 848
Kent	32	871 617	10	1 862
Lapeer	3	(D)	(D)	(D)
Leelanau	4	(D)	(D)	5
Lenawee	4	17 620	–	22
Livingston	13	58 690	5	98
Macomb	42	335 180	(D)	840
Mason	3	(D)	(D)	(D)
Monroe	28	548 628	12	1 597

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
BEDDING PLANTS—Con.				
Muskegon	12	182 798	(D)	469
Oakland	21	517 623	(D)	1 890
Oceana	8	(D)	68	115
Osceola	3	6 800	–	(D)
Ottawa	48	814 635	11	1 725
Saginaw	10	77 232	(D)	280
St Clair	13	125 330	(D)	363
St Joseph	3	2 750	–	5
Sanilac	4	17 768	–	35
Van Buren	14	88 770	(D)	273
Washtenaw	13	473 778	(D)	1 290
Wayne	57	877 263	26	1 946
All other counties	32	389 836	103	773
Farms not on mail list	150	156 000	–	156
BULBS				
Michigan	38	113 622	715	1 878
Allegan	4	–	106	157
Berrien	5	(D)	282	(D)
Kent	3	(D)	(D)	128
Ottawa	3	–	(D)	38
Van Buren	3	(D)	(D)	(D)
Wayne	4	14 600	–	(D)
All other counties	16	11 772	278	403
CUT FLOWERS AND CUT FLORIST GREENS				
Michigan	140	1 295 305	587	5 462
Allegan	3	(D)	(D)	(D)
Berrien	8	(D)	31	117
Branch	5	(D)	322	696
Eaton	3	(D)	(D)	(D)
Emmet	3	–	14	(D)
Jackson	3	(D)	2	(D)
Kalamazoo	9	82 586	(D)	481
Kent	8	67 375	4	157
Livingston	4	18 017	(D)	40
Macomb	11	562 710	5	2 089
Monroe	5	(D)	(D)	(D)
Oakland	6	21 800	4	73
Ottawa	10	15 000	41	184
Saginaw	4	(D)	(D)	(D)
Van Buren	5	33 466	(D)	43
Washtenaw	9	55 000	3	74
Wayne	12	56 300	9	334
All other counties	32	190 765	42	687
FOLIAGE AND FLOWERING PLANTS				
Michigan	390	4 503 020	319	19 851
Allegan	6	21 650	4	49
Bay	6	111 600	(D)	462
Berrien	13	(D)	16	275
Branch	5	14 720	(D)	117
Calhoun	5	(D)	–	(D)
Cass	7	10 210	2	31
Clinton	3	(D)	(D)	(D)
Emmet	4	(D)	8	72
Genesee	4	(D)	(D)	(D)
Gratiot	3	(D)	(D)	(D)
Ingham	6	116 571	–	514
Jackson	4	(D)	(D)	8
Kalamazoo	17	203 512	23	1 144
Kent	28	631 008	7	3 565
Lapeer	5	(D)	(D)	(D)
Lenawee	6	(D)	2	(D)
Livingston	8	30 500	1	84
Macomb	21	330 140	13	1 020
Mason	4	21 500	–	48
Monroe	12	286 570	60	1 137
Muskegon	5	39 900	(D)	(D)
Oakland	22	552 181	(D)	3 549
Oceana	3	3 888	–	6
Ottawa	15	186 200	126	873
Saginaw	4	(D)	(D)	(D)
St Clair	5	21 270	(D)	64
St Joseph	3	(D)	(D)	(D)
Shiawassee	3	(D)	(D)	17
Tuscola	3	(D)	(D)	(D)
Van Buren	13	147 318	2	728
Washtenaw	13	314 742	16	587
Wayne	40	677 958	7	3 230
All other counties	34	180 702	11	581
Farms not on mail list	60	30 000	–	36
MUSHROOMS				
Michigan	13	2 043 055	(X)	10 358
Lapeer	3	(D)	(X)	(D)
Macomb	6	(D)	(X)	(D)
All other counties	4	826 930	(X)	5 398

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

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
NURSERY PRODUCTS				
Michigan	627	3 776 878	10 468	34 799
Allegan	21	(D)	551	1 431
Barry	3	–	(D)	(D)
Bay	7	–	89	92
Berrien	37	(D)	654	1 700
Calhoun	11	(D)	(D)	(D)
Cass	7	(D)	52	(D)
Cheboygan	5	–	20	20
Clare	8	–	29	80
Clinton	10	(D)	93	91
Eaton	5	–	77	125
Emmet	4	(D)	17	(D)
Genesee	12	(D)	29	374
Grand Traverse	7	(D)	39	90
Gratiot	9	(D)	26	51
Huron	8	–	28	70
Ingham	6	(D)	(D)	(D)
Ionia	3	–	(D)	(D)
Isabella	4	–	9	15
Jackson	10	–	33	71
Kalamazoo	14	42 586	225	389
Kalkaska	3	–	17	(D)
Kent	33	18 488	288	383
Lapeer	10	(D)	98	39
Lenawee	12	(D)	72	103
Livingston	15	(D)	202	255
Macomb	31	(D)	305	2 423
Manistee	7	(D)	185	352
Mason	9	(D)	154	193
Midland	7	(D)	29	45
Missaukee	3	–	60	(D)
Monroe	28	(D)	457	831
Muskegon	5	(D)	16	24
Newaygo	3	–	(D)	(D)
Oakland	40	(D)	351	3 100
Oceana	4	–	(D)	(D)
Osceola	3	–	8	48
Ottawa	48	(D)	3 369	12 989
Saginaw	11	(D)	131	473
St Clair	14	(D)	348	(D)
St Joseph	5	(D)	54	71
Sanilac	10	–	187	211
Shiawassee	9	(D)	67	82
Van Buren	15	13 644	375	(D)
Washtenaw	17	(D)	52	(D)
Wayne	29	(D)	206	930
Wexford	3	–	(D)	(D)
All other counties	27	7 589	165	242
Farms not on mail list	35	–	350	81

All Farms	Farms	Sq. ft. under glass or other protection	Acres in open	Sales ($1,000)
SOD HARVESTED				
Michigan	97	(X)	7 401	7 617
Eaton	3	(X)	520	416
Genesee	4	(X)	288	(D)
Ingham	7	(X)	1 047	1 444
Jackson	5	(X)	119	106
Lapeer	5	(X)	677	586
Livingston	4	(X)	190	(D)
Macomb	9	(X)	655	742
Mason	3	(X)	(D)	7
Monroe	5	(X)	326	333
Oakland	4	(X)	182	281
Ottawa	3	(X)	70	105
St Clair	4	(X)	280	199
Sanilac	8	(X)	1 410	931
Shiawassee	3	(X)	(D)	(D)
Wayne	9	(X)	418	493
All other counties	21	(X)	777	921
VEGETABLE AND FLOWER SEEDS				
Michigan	85	66 696	33	264
Oceana	3	–	15	(D)
Ottawa	8	(D)	7	(D)
Wayne	3	(D)	–	(D)
All other counties	12	10 151	12	96
Farms not on mail list	59	4 720	–	2
GREENHOUSE VEGETABLES				
Michigan	33	903 776	(X)	1 006
Kalamazoo	3	(D)	(X)	(D)
Kent	8	505 370	(X)	393
Macomb	4	(D)	(X)	(D)
Ottawa	6	159 060	(X)	266
All other counties	12	206 952	(X)	284
OTHER NURSERY AND GREENHOUSE PRODUCTS				
Michigan	15	5 924	35	39
Van Buren	3	(D)	(D)	10
All other counties	12	(D)	(D)	29

Table 35. Other Crops: 1978

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED					
Michigan	44	1 914	(X)	–	–
Allegan	3	52	(X)	–	–
Eaton	3	(D)	(X)	–	–
Huron	4	(D)	(X)	–	–
Shiawassee	3	92	(X)	–	–
All other counties	31	1 030	(X)	–	–
HERBS (POUNDS)					
Michigan	3	3	3 400	2	(D)
MINT FOR OIL (POUNDS OF OIL)					
Michigan	37	4 395	103 094	9	546
Clinton	8	1 653	31 927	1	(D)
Ingham	4	360	8 640	4	180
Newaygo	3	520	17 682	1	(D)

All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres
MINT FOR OIL (POUNDS OF OIL)—Con.					
Sanilac	4	620	16 730	2	(D)
Shiawassee	9	518	13 087	–	–
All other counties	9	724	15 028	1	(D)
SORGHUMS HOGGED OR GRAZED					
Michigan	10	115	(X)	–	–
OTHER CROPS					
Michigan	44	415	(X)	3	5
Berrien	7	25	(X)	–	–
Cass	3	7	(X)	–	–
Macomb	4	13	(X)	1	(D)
Ottawa	5	17	(X)	–	–
Van Buren	4	23	(X)	–	–
Washtenaw	4	19	(X)	–	–
All other counties	17	311	(X)	2	(D)

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)
Michigan	119	18 737	11 268	115	(D)	4	(D)	159	35 575	64 426	10 708 327	3 533	685 543
Allegan	4	826	606	4	606	–	–	3	821	1 800	244 953	116	14 599
Barry	4	947	555	4	555	–	–	1	(D)	977	170 595	51	9 180
Berrien	6	286	128	6	128	–	–	3	89	1 815	186 128	102	10 522
Branch	3	183	123	3	123	–	–	4	402	1 106	226 943	83	14 705
Calhoun	4	459	274	3	(D)	1	(D)	6	3 698	1 226	238 604	71	13 334
Clinton	3	777	(D)	3	(D)	–	–	5	1 304	1 422	243 556	87	14 614
Gladwin	3	1 676	209	3	209	–	–	3	360	385	65 905	28	6 771
Hillsdale	8	1 724	814	7	(D)	1	(D)	5	1 390	1 431	243 462	98	17 221
Huron	4	307	307	4	307	–	–	6	1 687	1 659	376 442	131	27 213
Ingham	6	1 361	263	5	(D)	1	(D)	6	1 020	993	212 611	62	11 309
Kalamazoo	4	217	(D)	4	(D)	–	–	1	(D)	913	161 680	58	13 023
Lapeer	3	1 869	1 846	2	(D)	1	(D)	4	470	1 250	216 784	66	14 304
Lenawee	6	633	513	6	513	–	–	5	1 175	1 730	350 828	99	21 091
Livingston	4	1 348	166	4	166	–	–	3	1 753	744	122 600	41	10 511
Missaukee	3	388	388	3	388	–	–	1	(D)	338	94 074	19	6 321
Oakland	3	130	(D)	3	(D)	–	–	8	1 991	567	65 497	42	9 489
Ottawa	3	286	(D)	3	(D)	–	–	3	470	1 498	183 443	84	6 446
Saginaw	3	121	121	3	121	–	–	3	850	1 710	305 862	101	27 988
St Clair	5	471	428	5	428	–	–	4	1 264	1 233	195 214	74	9 309
Van Buren	7	529	440	7	440	–	–	6	1 049	1 517	195 572	85	9 230
Washtenaw	4	150	147	4	147	–	–	3	986	1 280	220 414	75	13 927
All other counties	29	4 049	3 138	29	3 138	–	–	76	14 586	38 832	6 387 160	1 960	404 436

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

All Farms

			Farms 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
Michigan	6 013	12 499	1 617	921	1 042	1 755	432	172	44	30
Alcona	30	51	11	9	1	6	1	2	–	–
Alger	6	11	2	1	–	2	1	–	–	–
Allegan	189	398	51	37	33	51	8	4	4	1
Alpena	36	36	13	6	7	8	2	–	–	–
Antrim	29	135	12	2	4	3	4	2	–	2
Arenac	30	43	8	4	4	12	2	–	–	–
Baraga	5	1	4	1	–	–	–	–	–	–
Barry	111	210	31	18	22	30	5	4	1	–
Bay	128	350	18	16	35	47	4	5	2	1
Benzie	18	55	3	1	2	9	2	1	–	–
Berrien	155	588	27	18	21	50	23	11	3	2
Branch	115	162	21	27	22	37	6	2	–	–
Calhoun	164	325	38	24	38	49	9	3	2	1
Cass	113	311	33	9	18	36	7	9	–	1
Charlevoix	15	42	3	2	1	6	2	1	–	–
Cheboygan	16	8	8	3	3	2	–	–	–	–
Chippewa	28	26	12	4	6	5	1	–	–	–
Clare	29	88	10	1	5	8	1	3	1	–
Clinton	143	217	38	25	24	44	9	3	–	–
Crawford	3	(D)	2	–	1	–	–	–	–	–
Delta	21	7	11	7	–	3	–	–	–	–
Dickinson	16	16	4	7	–	4	1	–	–	–
Eaton	145	250	35	24	22	50	10	4	–	–
Emmet	17	12	7	3	3	4	–	–	–	–
Genesee	76	82	21	15	13	24	3	–	–	–
Gladwin	40	58	15	8	4	10	1	2	–	–
Gogebic	10	3	7	1	2	–	–	–	–	–
Grand Traverse	52	206	16	5	7	13	3	6	1	1
Gratiot	180	343	28	28	46	64	9	3	1	1
Hillsdale	151	307	29	19	25	60	10	8	–	–
Houghton	11	2	10	–	–	1	–	–	–	–
Huron	222	604	30	34	36	82	30	7	1	2
Ingham	104	166	22	22	22	28	7	3	–	–
Ionia	105	181	21	23	20	29	9	3	–	–
Iosco	15	10	4	6	2	3	–	–	–	–
Iron	9	5	4	2	2	1	–	–	–	–
Isabella	93	106	28	16	14	30	5	–	–	–
Jackson	116	314	19	22	24	31	15	3	1	1
Kalamazoo	118	247	24	17	18	51	5	2	–	1
Kalkaska	9	5	4	3	1	1	–	–	–	–
Kent	136	377	30	22	27	44	6	2	2	3
Lake	14	5	8	5	–	1	–	–	–	–
Lapeer	114	153	41	9	28	29	3	4	–	–
Leelanau	54	271	7	6	9	16	8	4	3	1
Lenawee	248	507	47	41	50	81	21	5	3	–
Livingston	68	138	11	17	13	21	2	2	2	–
Luce	6	16	–	–	1	4	1	–	–	–
Mackinac	9	3	5	1	2	1	–	–	–	–
Macomb	54	85	13	7	14	17	2	–	1	–
Manistee	40	111	15	5	5	10	3	1	–	1
Marquette	8	1	7	–	1	–	–	–	–	–
Mason	45	79	10	6	5	21	2	1	–	–
Mecosta	45	50	16	11	7	9	1	1	–	–
Menominee	27	21	7	6	6	8	–	–	–	–

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

All Farms	Farms	Income ($1,000)	Farms with— $1 to $249	$250 to $499	$500 to $999	$1,000 to $4,999	$5,000 to $9,999	$10,000 to $19,999	$20,000 to 29,999	$30,000 or more
Midland	40	42	13	6	9	10	2	–	–	–
Missaukee	34	41	14	2	8	8	2	–	–	–
Monroe	158	287	39	22	29	56	3	8	1	–
Montcalm	108	128	34	21	18	26	9	–	–	–
Montmorency	13	30	4	1	4	3	–	–	1	–
Muskegon	53	127	15	7	10	12	5	4	–	–
Newaygo	75	137	27	13	7	19	6	3	–	–
Oakland	50	107	11	13	7	12	4	2	1	–
Oceana	86	365	24	9	12	21	10	6	3	1
Ogemaw	16	18	6	4	4	1	1	–	–	–
Ontonagon	6	2	5	–	–	1	–	–	–	–
Osceola	32	27	16	6	4	5	1	–	–	–
Oscoda	6	2	3	–	3	–	–	–	–	–
Otsego	6	7	2	–	1	3	–	–	–	–
Ottawa	155	476	39	21	27	44	10	9	2	3
Presque Isle	23	30	11	2	3	6	–	1	–	–
Roscommon	3	(D)	1	–	–	1	1	–	–	–
Saginaw	149	241	34	23	33	46	10	3	–	–
St Clair	103	192	35	18	12	30	6	1	–	1
St Joseph	130	417	32	17	19	42	10	6	1	3
Sanilac	183	324	43	28	28	69	11	3	1	–
Schoolcraft	4	(D)	2	–	2	–	–	–	–	–
Shiawassee	103	107	36	25	17	20	4	1	–	–
Tuscola	196	371	37	26	52	63	12	3	2	1
Van Buren	145	557	29	22	22	44	14	8	4	2
Washtenaw	134	207	30	23	24	48	7	2	–	–
Wayne	25	40	7	4	7	6	–	1	–	–
Wexford	19	17	9	2	4	3	1	–	–	–
Farms not on mail list	217	389	158	–	–	–	59	–	–	–

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
Michigan	6 787	22 405	1 595	1 127	1 150	2 046	429	222	92	126
Alcona	18	15	9	5	1	2	1	–	–	–
Alger	13	30	2	3	1	4	3	–	–	–
Allegan	232	624	39	28	48	83	18	11	3	2
Alpena	55	177	18	7	10	9	5	4	1	1
Antrim	50	433	10	7	9	15	4	–	–	5
Arenac	36	153	7	2	6	9	8	3	1	–
Baraga	6	5	–	3	–	3	–	–	–	–
Barry	122	250	34	18	23	35	7	2	2	1
Bay	112	587	13	9	22	40	10	10	4	4
Benzie	36	59	6	7	8	13	–	2	–	–
Berrien	351	1 276	78	37	54	125	26	15	7	9
Branch	58	155	11	5	13	23	3	–	2	1
Calhoun	125	211	32	16	24	46	4	1	2	–
Cass	112	479	17	10	24	45	5	6	4	1
Charlevoix	47	53	10	9	13	13	2	–	–	–
Cheboygan	29	25	7	7	10	4	1	–	–	–
Chippewa	30	52	2	2	15	8	2	1	–	–
Clare	21	54	5	5	2	4	4	1	–	–
Clinton	100	207	17	14	24	33	9	3	–	–
Crawford	5	(D)	2	–	1	1	1	–	–	–
Delta	38	92	7	12	3	11	4	–	–	1
Dickinson	5	6	1	1	1	2	–	–	–	–
Eaton	99	189	17	20	24	32	4	1	–	1
Emmet	25	42	7	3	5	8	1	1	–	–
Genesee	128	973	20	20	19	35	15	6	4	9
Gladwin	35	42	9	7	5	12	2	–	–	–
Gogebic	10	7	2	3	3	2	–	–	–	–
Grand Traverse	66	129	13	13	13	19	5	3	–	–
Gratiot	57	102	16	11	15	12	–	1	2	–
Hillsdale	92	371	19	17	21	24	9	–	–	2
Houghton	47	83	17	5	9	12	2	2	–	–
Huron	64	313	15	7	13	16	2	8	1	2
Ingham	107	232	27	21	19	31	3	4	1	1
Ionia	101	669	15	17	20	35	5	6	–	3
Iosco	17	32	2	1	5	7	2	–	–	–
Iron	9	5	3	1	3	2	–	–	–	–
Isabella	48	102	10	15	7	10	3	2	1	–
Jackson	141	339	24	15	32	57	6	3	2	2
Kalamazoo	141	791	17	26	27	46	17	3	2	3
Kalkaska	11	21	3	1	4	1	2	–	–	–
Kent	238	965	35	31	47	81	18	17	4	5
Lake	13	6	8	–	2	3	–	–	–	–
Lapeer	162	1 478	24	11	25	74	16	2	1	9
Leelanau	56	155	20	8	6	12	4	4	1	1
Lenawee	118	464	21	19	12	44	10	7	4	1
Livingston	112	272	24	10	25	42	7	2	1	1
Luce	5	6	–	1	1	3	–	–	–	–
Mackinac	7	4	1	2	4	–	–	–	–	–
Macomb	158	1 628	19	9	17	55	16	17	12	13
Manistee	63	105	21	8	8	22	2	1	1	–
Marquette	17	23	3	3	4	6	1	–	–	–
Mason	62	138	14	6	13	20	7	2	–	–

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

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
Mecosta	54	57	20	6	8	20	–	–	–	–
Menominee	33	58	7	2	10	11	2	1	–	–
Midland	41	66	12	6	7	13	1	2	–	–
Missaukee	31	46	10	8	4	4	5	–	–	–
Monroe	132	710	19	15	16	50	12	12	5	3
Montcalm	99	152	25	13	18	35	7	1	–	–
Montmorency	4	3	–	–	3	1	–	–	–	–
Muskegon	90	153	25	12	17	30	3	1	2	–
Newaygo	74	142	18	14	15	22	2	2	–	1
Oakland	121	665	22	16	11	45	12	7	4	4
Oceana	87	179	18	10	20	31	4	2	2	–
Ogemaw	28	52	13	–	4	8	2	1	–	–
Ontonagon	6	(D)	1	1	2	2	–	–	–	–
Osceola	41	60	13	9	5	11	1	2	–	–
Oscoda	9	19	3	2	2	1	–	1	–	–
Otsego	12	16	5	2	1	2	2	–	–	–
Ottawa	255	805	35	38	51	100	16	8	3	4
Presque Isle	28	37	5	6	4	12	–	1	–	–
Saginaw	116	468	20	6	18	53	9	5	1	4
St Clair	140	393	16	22	31	56	7	4	1	3
St Joseph	94	284	29	14	24	20	3	2	–	2
Sanilac	92	243	16	8	19	39	7	1	–	2
Shiawassee	100	201	19	13	15	39	12	2	–	–
Tuscola	94	483	23	15	12	33	4	1	–	6
Van Buren	227	796	64	27	35	65	21	2	7	6
Washtenaw	163	962	21	28	25	57	12	9	4	7
Wayne	86	535	11	14	14	28	9	4	–	6
Wexford	19	17	4	6	3	6	–	–	–	–
All other counties	5	3	1	1	2	1	–	–	–	–
Farms not on mail list	696	144	367	295	34	–	–	–	–	–

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

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

All Farms

	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $19,999	$20,000 or more	Less than $2,500	$2,500 to $19,999	$20,000 or more
Michigan	439	39 552	346	21 355	5 115	24	64	43	209	93	6
Allegan	19	1 357	17	751	297	4	2	2	4	7	–
Arenac	4	420	4	411	139	–	–	2	2	–	–
Barry	4	168	3	102	54	2	–	1	1	–	–
Bay	5	542	5	481	57	–	–	–	–	5	–
Berrien	8	190	8	109	25	–	2	–	2	4	–
Branch	4	1 219	4	896	101	–	1	–	1	1	1
Calhoun	5	714	4	190	15	2	3	–	–	–	–
Cass	29	3 153	27	1 666	303	3	5	3	6	11	1
Chippewa	3	837	3	282	33	–	2	–	–	1	–
Clinton	7	669	6	328	79	–	–	1	3	3	–
Eaton	5	151	5	95	16	–	1	–	3	1	–
Genesee	5	460	4	188	32	–	1	–	1	3	–
Hillsdale	8	1 343	7	905	474	2	1	3	–	2	–
Huron	6	3 098	6	1 019	412	–	–	3	–	2	1
Ingham	5	574	5	289	21	–	2	–	3	–	–
Ionia	3	586	3	242	27	–	–	1	2	–	–
Jackson	8	279	5	146	18	–	1	–	5	2	–
Kalamazoo	3	677	3	507	94	–	–	2	–	1	–
Kent	6	183	6	110	37	–	–	1	4	1	–
Lapeer	3	683	2	(D)	41	–	–	1	–	2	–
Lenawee	3	432	3	393	244	–	1	1	1	–	–
Mecosta	3	706	3	442	133	1	–	2	–	–	–
Midland	3	99	1	(D)	8	–	–	–	2	1	–
Monroe	23	2 825	19	1 964	400	1	6	2	7	5	2
Montcalm	5	208	5	106	19	–	1	–	3	1	–
Newaygo	5	613	4	380	110	1	–	2	1	1	–
Oakland	8	931	8	127	157	1	–	1	3	3	–
Oceana	3	252	3	60	19	–	1	–	1	1	–
Ogemaw	3	543	3	388	63	–	–	1	2	–	–
Ottawa	3	86	3	40	59	–	–	1	1	1	–
Saginaw	7	1 372	7	1 023	150	1	1	3	2	–	–
St Clair	12	1 440	11	767	130	–	2	1	4	5	–
St Joseph	6	489	5	89	74	–	1	1	2	2	–
Shiawassee	3	232	3	135	15	–	–	–	–	3	–
Tuscola	4	648	4	525	71	–	2	1	–	1	–
Van Buren	55	2 806	46	782	390	5	17	2	16	14	1
Washtenaw	5	1 504	4	1 471	523	–	1	1	–	3	–
Wayne	3	119	3	106	5	–	–	–	2	1	–
All other counties	27	4 289	25	2 113	242	1	10	4	7	5	–
Farms not on mail list	118	2 655	59	1 475	30	–	–	–	118	–	–

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

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

All Farms	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
Michigan	284	17 688	7 202	134	19 650	12 504	21	2 214	1 649
Allegan	16	934	455	2	(D)	(D)	1	(D)	–
Arenac	3	316	315	1	(D)	(D)	–	–	–
Barry	4	168	102	–	–	–	–	–	–
Bay	2	(D)	(D)	3	224	215	–	–	–
Berrien	7	184	104	1	(D)	(D)	–	–	–
Calhoun	4	658	150	1	(D)	(D)	–	–	–
Cass	21	1 613	525	4	582	253	4	958	888
Clinton	5	234	118	2	(D)	(D)	–	–	–
Eaton	4	132	87	1	(D)	(D)	–	–	–
Genesee	–	–	–	3	99	68	2	(D)	(D)
Hillsdale	4	431	245	4	912	660	–	–	–
Huron	3	348	236	3	2 750	783	–	–	–
Ingham	1	(D)	(D)	4	534	274	–	–	–
Jackson	4	145	(D)	3	124	106	1	(D)	–
Kent	5	148	82	1	(D)	(D)	–	–	–
Lapeer	3	683	(D)	–	–	–	–	–	–
Mecosta	3	706	442	–	–	–	–	–	–
Midland	3	99	(D)	–	–	–	–	–	–
Monroe	17	1 093	569	2	(D)	(D)	4	161	55
Montcalm	5	208	106	–	–	–	–	–	–
Newaygo	3	174	(D)	2	(D)	(D)	–	–	–
Oakland	6	461	116	1	(D)	(D)	1	(D)	(D)
Oceana	3	252	60	–	–	–	–	–	–
Ottawa	3	86	40	–	–	–	–	–	–
Saginaw	3	277	92	3	961	797	1	(D)	(D)
St Clair	6	550	141	6	890	626	–	–	–
St Joseph	5	469	79	1	(D)	(D)	–	–	–
Shiawassee	3	232	135	–	–	–	–	–	–
Tuscola	4	648	525	–	–	–	–	–	–
Van Buren	45	2 120	517	7	625	219	3	61	46
All other counties	30	3 371	1 363	20	6 364	4 630	4	471	405
Farms not on mail list	59	590	–	59	2 065	1 475	–	–	–

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				
Michigan	247	20 377	119	15 755
Allegan	13	894	7	687
Bay	4	410	4	410
Berrien	8	190	6	(D)
Calhoun	5	714	3	(D)
Cass	28	2 937	19	2 422
Clinton	3	366	2	(D)
Genesee	4	250	3	(D)
Hillsdale	5	576	3	(D)
Midland	3	99	1	(D)
Monroe	16	1 133	11	906
Saginaw	4	344	1	(D)
St Clair	9	908	5	618
St Joseph	3	153	2	(D)
Tuscola	3	568	3	568
Van Buren	46	2 427	28	1 488
Washtenaw	3	1 435	3	1 435
Wayne	3	119	1	(D)
All other counties	28	6 264	17	5 532
Farms not on mail list	59	590	–	–
AMERICAN INDIAN				
Michigan	117	11 584	38	8 724
Chippewa	3	837	3	837
Eaton	4	140	1	(D)
Huron	4	1 158	4	1 158
Ingham	3	486	2	(D)
Jackson	4	191	3	(D)
Monroe	5	1 294	3	(D)
Oakland	3	85	1	(D)
All other counties	32	5 328	21	4 736
Farms not on mail list	59	2 065	–	–
ASIAN OR PACIFIC ISLANDER				
Michigan	13	1 033	10	924
ALL OTHER RACES (SEE TEXT)				
Michigan	62	6 558	39	5 145
Allegan	5	446	3	(D)
Kent	3	74	1	(D)
Newaygo	3	294	1	(D)
Oakland	4	781	3	(D)
St Joseph	3	336	2	(D)
Shiawassee	3	232	3	232
Van Buren	8	339	5	273
All other counties	33	4 056	21	3 259

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
Michigan	301	34 136	127	28 480
Allegan	6	1 074	4	(D)
Bay	3	439	3	439
Berrien	5	843	4	(D)
Calhoun	6	1 138	4	(D)
Cass	3	1 700	3	1 700
Clinton	5	1 131	4	(D)
Eaton	3	187	2	(D)
Genesee	5	1 134	4	(D)
Gratiot	6	942	4	(D)
Hillsdale	5	784	3	(D)
Huron	5	2 590	5	2 590
Kent	4	244	2	(D)
Lapeer	6	879	2	(D)
Lenawee	5	644	3	(D)
Mason	4	338	4	338
Monroe	5	280	5	280
Montcalm	3	378	2	(D)
Newaygo	5	438	2	(D)
Oceana	10	633	8	(D)
Ottawa	5	1 383	5	1 383
Saginaw	4	524	4	524
St Clair	6	1 765	4	(D)
Shiawassee	4	480	1	(D)
Tuscola	3	2 175	3	2 175
Van Buren	12	1 360	9	1 220
Washtenaw	4	663	3	(D)
Wayne	8	169	5	144
All other counties	42	7 085	25	5 826
Farms not on mail list	119	2 736	–	–

Table 43. **Female Operators: 1978**

	All farms		Farms with sales of $2,500 or more	
	Farms	Land in farms	Farms	Land in farms
Michigan	2 636	261 256	1 467	202 146
Alcona	15	2 464	6	968
Alger	3	323	2	(D)
Allegan	62	7 146	42	6 313
Alpena	19	3 759	14	2 823
Antrim	10	831	4	140
Arenac	13	2 586	11	(D)
Baraga	5	306	2	(D)
Barry	40	4 356	23	3 633
Bay	50	4 010	40	3 797
Benzie	14	1 637	10	1 422
Berrien	86	3 920	59	3 054
Branch	46	6 267	33	5 760
Calhoun	35	4 086	22	3 298
Cass	38	3 192	27	2 905
Charlevoix	10	1 335	4	599
Cheboygan	8	1 433	2	(D)
Chippewa	14	2 286	8	1 613
Clare	10	923	5	711
Clinton	39	3 616	24	3 051
Delta	26	5 876	21	5 286
Dickinson	6	921	5	(D)
Eaton	53	5 224	34	4 307
Emmet	15	2 538	6	1 672
Genesee	37	3 614	21	3 002
Gladwin	12	1 224	5	644
Grand Traverse	36	5 456	24	4 424
Gratiot	32	3 203	26	3 079
Hillsdale	34	4 042	20	3 398
Houghton	9	2 344	6	2 151
Huron	37	9 004	31	8 713
Ingham	44	3 623	28	2 901
Ionia	52	8 004	39	7 266
Iosco	6	1 574	3	1 081
Iron	7	972	3	506
Isabella	21	3 140	18	2 901
Jackson	61	5 694	37	4 509
Kalamazoo	46	5 491	28	4 209
Kalkaska	5	837	4	(D)
Kent	47	4 982	30	4 134
Lake	7	911	2	(D)
Lapeer	53	4 581	30	3 420
Leelanau	26	2 175	18	1 598
Lenawee	44	5 136	27	4 643
Livingston	29	2 596	18	2 080
Mackinac	3	800	3	800
Macomb	42	2 427	25	1 774
Manistee	19	2 371	8	1 157
Marquette	12	2 208	6	1 551
Mason	17	2 291	11	1 582
Mecosta	28	3 576	10	1 582
Menominee	24	5 088	15	3 598
Midland	17	1 570	9	1 162
Missaukee	10	1 157	5	593
Monroe	52	3 110	38	2 674
Montcalm	44	5 224	23	3 596
Muskegon	14	1 129	11	1 009
Newaygo	27	2 270	13	1 193
Oakland	57	3 538	34	2 116
Oceana	39	6 014	32	5 071
Ogemaw	9	1 002	5	810
Ontonagon	11	3 276	9	(D)
Osceola	15	2 863	11	2 589
Oscoda	7	977	2	(D)
Otsego	4	750	1	(D)
Ottawa	31	2 014	20	1 392
Presque Isle	16	3 396	8	1 841
Saginaw	50	3 926	41	3 633
St Clair	53	4 345	33	3 621
St Joseph	46	5 929	32	4 791
Sanilac	50	8 544	34	7 419
Shiawassee	37	3 079	26	2 486
Tuscola	59	6 933	52	6 599
Van Buren	95	7 214	67	6 065
Washtenaw	55	4 939	34	4 198
Wayne	29	1 443	18	928
Wexford	5	860	3	(D)
All other counties	6	1 079	6	1 079
Farms not on mail list	391	8 276	–	–

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	68 237	11 448 182	64 094	10 832 234	47 796	10 224 206	46 647	9 549 692
Average size of farm	(X)	168	(X)	169	(X)	214	(X)	205
Approximate land area	(X)	36 366 720	(X)	36 366 720	(X)	36 366 720	(X)	36 366 720
Proportion in farms, percent	(X)	31.5	(X)	29.8	(X)	28.1	(X)	26.3
Value of land and buildings:[1]								
Average per farm, dollars	163 311	(X)	93 435	(X)	204 613	(X)	112 958	(X)
Average per acre, dollars	(X)	975	(X)	553	(X)	964	(X)	552
Land in farms according to use:								
Total cropland	66 105	8 664 886	62 914	8 005 478	46 951	7 992 385	46 008	7 289 394
Harvested cropland	62 951	6 953 675	60 836	6 317 638	45 888	6 609 166	45 438	5 993 074
By acres harvested:								
1 to 9 acres	6 888	33 905	4 989	(NA)	2 082	9 556	1 395	(NA)
10 to 19 acres	7 710	106 773	6 837	(NA)	2 533	35 743	2 003	(NA)
20 to 29 acres	6 595	155 007	6 112	(NA)	3 153	75 065	2 836	(NA)
30 to 49 acres	9 490	358 556	10 069	(NA)	6 840	262 284	7 269	(NA)
50 to 99 acres	12 558	880 440	13 944	(NA)	11 666	824 088	13 081	(NA)
100 to 199 acres	9 822	1 375 764	10 310	(NA)	9 741	1 366 460	10 287	(NA)
200 to 499 acres	7 780	2 350 602	7 074	(NA)	7 770	2 347 688	7 072	(NA)
500 to 999 acres	1 726	1 142 767	1 283	(NA)	1 722	(D)	1 279	(NA)
1,000 acres or more	382	549 861	218	(NA)	381	(D)	216	(NA)
Cropland used only for pasture	22 895	759 707	25 323	909 389	15 148	607 018	17 137	677 502
Other cropland	30 535	951 504	24 513	778 451	22 403	776 201	18 047	618 818
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	9 371	215 480	(NA)	(NA)	7 065	180 639	5 087	133 680
Cropland on which all crops failed	3 868	75 541	(NA)	(NA)	2 556	57 965	2 594	60 116
Cropland in cultivated summer fallow	7 685	174 602	(NA)	(NA)	6 056	152 611	6 948	171 010
Cropland idle	18 621	485 881	(NA)	(NA)	13 406	384 986	8 473	254 012
Total woodland	36 331	1 580 310	35 034	1 535 092	26 290	1 245 440	25 841	1 234 342
Woodland pastured	8 996	340 659	(NA)	(NA)	6 680	281 456	7 884	343 808
Woodland not pastured	30 646	1 239 651	(NA)	(NA)	22 210	963 984	21 097	890 534
Other land	53 260	1 202 986	51 016	1 291 664	36 598	986 381	37 296	1 025 956
Pastureland and rangeland, other than cropland and woodland pastured	7 352	325 232	(NA)	(NA)	5 563	279 954	6 363	282 110
Land in house lots, ponds, roads, wasteland, etc	52 054	877 754	(NA)	(NA)	35 688	706 427	36 300	743 846
Pastureland, all types	30 281	1 425 598	(NA)	(NA)	20 594	1 168 428	(NA)	1 303 420
Irrigated land	3 192	226 208	2 036	96 839	2 901	224 658	1 774	94 950
Harvested cropland irrigated	3 136	222 946	(NA)	(NA)	2 868	221 746	1 764	93 702
Pastureland irrigated	40	716	(NA)	(NA)	28	611	(NA)	192
Other land irrigated	145	2 546	(NA)	(NA)	118	2 301	41	1 056
Land set aside in the federal farm programs in 1978	12 730	245 701	(X)	(X)	11 519	238 052	(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]	68 237	1 941 095	64 094	1 491 439	47 796	1 916 846	46 647	1 467 705
Average per farm, dollars	(X)	28 446	(X)	23 270	(X)	40 105	(X)	31 464
Farms by value of agricultural products sold:[1]								
$100,000 or more	4 302	992 024	2 809	(NA)	4 302	992 024	2 809	(NA)
$40,000 to $99,999	7 805	492 093	6 848	(NA)	7 805	492 093	6 848	(NA)
$20,000 to $39,999	7 114	202 820	7 828	(NA)	7 114	202 820	7 828	(NA)
$10,000 to $19,999	8 699	123 429	9 393	(NA)	8 699	123 429	9 393	(NA)
$5,000 to $9,999	9 913	70 334	10 412	(NA)	9 913	70 334	10 412	(NA)
$2,500 to $4,999	9 963	36 147	8 420	(NA)	9 963	36 147	8 420	(NA)
Less than $2,500 (see text)	20 415	21 300	18 360	(NA)	(X)	(X)	937	(NA)
$2,000 to $2,499	2 928	6 431	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	3 716	6 313	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	4 393	5 325	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	9 378	3 232	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	26	2 948	24	(NA)	(X)	(X)	(X)	(X)
Crops	51 210	1 013 585	54 365	828 865	40 147	1 000 471	(NA)	814 714
Grains	37 610	519 370	(NA)	(NA)	31 637	512 867	34 602	441 892
Commodity Credit Corporation loans	3 407	30 127	(NA)	(NA)	3 209	30 038	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	16 427	56 688	(NA)	(NA)	12 105	52 573	12 789	36 210
Vegetables, sweet corn, and melons	4 160	98 425	(NA)	(NA)	3 318	97 841	2 969	66 555
Fruits, nuts, and berries	5 303	161 685	(NA)	(NA)	4 139	160 563	3 913	108 166
Nursery and greenhouse products	1 688	103 862	1 483	70 510	1 229	103 214	1 174	70 145
Other crops	2 263	73 555	(NA)	(NA)	2 175	73 413	2 432	91 746
Livestock, poultry, and their products	34 373	927 510	34 685	657 721	25 817	916 376	26 474	648 310
Poultry and poultry products	3 861	78 376	3 859	71 976	2 270	77 925	2 626	71 658
Dairy products	8 405	436 006	(NA)	(NA)	8 274	434 912	9 861	315 216
Cattle and calves	24 534	263 312	(NA)	(NA)	19 868	257 710	21 979	181 456
Hogs and pigs	9 431	126 173	(NA)	(NA)	7 157	124 188	6 299	67 801
Sheep, lambs, and wool	2 512	4 872	(NA)	(NA)	1 406	4 267	1 655	3 818
Other livestock and livestock products (see text)	3 990	18 773	(NA)	(NA)	2 267	17 374	1 371	8 360

[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	68 237	64 094	11 448 182	62 951	11 203 150	6 953 675	3 192	901 476	589 533	226 208
Farms with—										
1 to 9 acres	3 581	1 788	14 686	1 770	9 065	5 879	263	1 228	648	539
10 to 49 acres	16 614	12 233	478 017	14 529	432 975	248 026	632	17 206	7 509	4 652
50 to 69 acres	4 935	5 001	287 713	4 725	275 555	154 151	198	11 575	5 611	2 989
70 to 99 acres	9 737	10 577	794 364	9 185	749 928	400 684	284	23 274	12 188	5 843
100 to 139 acres	7 890	8 524	918 772	7 661	891 808	482 618	283	32 607	15 557	7 821
140 to 179 acres	5 617	6 465	884 215	5 501	866 166	477 991	189	29 786	16 047	5 951
180 to 219 acres	3 975	4 398	782 849	3 927	773 463	452 519	170	33 337	19 744	8 670
220 to 259 acres	3 127	3 358	743 691	3 072	730 655	453 778	140	33 286	21 471	8 704
260 to 499 acres	8 388	8 322	2 943 161	8 227	2 888 815	1 854 597	473	169 327	111 403	43 625
500 to 999 acres	3 511	2 880	2 311 521	3 495	2 301 067	1 546 746	385	263 987	181 756	68 526
1,000 to 1,999 acres	747	486	949 779	745	947 239	666 749	137	174 918	121 008	41 547
2,000 acres or more	115	62	339 414	114	336 414	209 937	38	110 945	76 591	27 341

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	68 237	11 448 182	64 094	10 832 234	47 796	10 224 206	46 647	9 549 692
Harvested cropland	62 951	6 953 675	60 836	6 317 638	45 888	6 609 166	45 438	5 993 074
Tenure of operator:								
Full owners	43 167	4 513 287	42 867	4 976 754	26 117	3 495 384	27 429	3 850 773
Harvested cropland	38 534	2 143 841	(NA)	2 342 421	24 397	1 873 929	(NA)	2 068 771
Part owners	20 626	6 304 014	17 973	5 343 554	18 292	6 138 811	16 465	5 211 953
Harvested cropland	20 352	4 351 831	(NA)	3 617 903	18 190	4 291 997	(NA)	3 576 391
Tenants	4 444	630 881	3 254	511 926	3 387	590 011	2 753	486 966
Harvested cropland	4 065	458 003	(NA)	357 314	3 301	443 240	(NA)	347 912
Type of organization:								
Individual or family	61 399	9 180 975	(NA)	(NA)	41 946	8 076 505	42 627	8 049 388
Partnership	5 890	1 813 363	(NA)	(NA)	5 075	1 754 094	3 552	1 245 008
Corporation	787	403 992	(NA)	(NA)	681	371 383	420	243 817
Other—cooperative, estate or trust, institutional, etc.	161	49 852	(NA)	(NA)	94	22 224	48	11 479

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	30 923	34 438	27 013	30 030
Other	37 314	29 164	20 783	16 149
Operators by age group:				
Under 25 years	2 317	1 421	1 567	1 065
25 to 34 years	9 140	7 148	6 187	5 012
35 to 44 years	14 307	12 237	9 710	8 608
45 to 54 years	16 743	16 203	12 062	11 975
55 to 64 years	15 648	16 141	11 804	12 416
65 years and over	10 082	10 452	6 466	7 103
Average age	49.3	50.9	49.3	50.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	56 145	48 874	39 053	36 085
Not on farm operated	6 850	6 342	4 903	4 241
Not reported	5 242	8 386	3 840	5 853
Operators reporting days of work off farm:				
None	24 111	19 760	19 468	16 537
1 to 49 days	3 832	3 309	3 210	2 467
50 to 99 days	1 692	1 622	1 414	1 189
100 to 149 days	1 885	1 863	1 443	1 389
150 to 199 days	3 511	3 006	2 281	2 007
200 days or more	30 957	24 549	18 069	14 340

[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	21 323	148 965	21 054	105 358	14 889	144 249	13 982	101 853
Feed for livestock and poultry	33 390	184 066	33 153	150 759	23 690	177 618	23 013	146 407
Commercially mixed formula feeds	17 632	109 396	22 125	98 139	12 942	106 484	16 520	96 305
Animal health costs	26 982	13 719	(NA)	(NA)	20 610	12 819	17 152	7 735
Seeds, bulbs, plants, and trees	49 785	81 192	46 462	52 018	39 967	79 240	37 547	50 909
Commercial fertilizer	51 962	175 929	49 851	131 619	41 586	172 063	39 709	128 788
Other agricultural chemicals including lime	47 047	68 555	34 122	39 559	38 661	67 091	29 429	38 998
Hired farm labor	22 925	137 307	19 737	92 002	20 314	134 991	16 755	90 342
Contract labor	3 305	12 435	1 887	5 370	2 832	12 178	1 555	5 250
Customwork, machine hire, and rental of machinery and equipment	27 246	27 175	26 679	20 359	21 650	25 616	21 394	19 440
Energy and petroleum products	67 900	131 249	(NA)	(NA)	48 059	124 897	(NA)	(NA)
Petroleum products	67 865	100 165	62 156	67 528	48 059	95 190	45 428	63 722
Gasoline	63 969	48 248	(NA)	(NA)	45 413	44 625	44 278	39 081
Diesel fuel	30 923	29 236	(NA)	(NA)	27 522	28 748	20 660	14 024
LP gas, butane, and propane	7 003	7 407	(NA)	(NA)	6 554	7 346	5 300	3 599
Fuel oil	5 800	3 760	(NA)	(NA)	4 945	3 612		
Natural gas	1 509	4 568	(NA)	(NA)	1 364	4 531	45 326	7 019
Kerosene, motor oil, and grease	67 864	6 945	(NA)	(NA)	48 058	6 329		
Electricity	45 918	30 372	(NA)	(NA)	36 051	29 079	(NA)	(NA)
Other—coal, wood, coke, etc.	2 137	713	(NA)	(NA)	1 608	628	(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	50 833	5 745 950	40 932	5 587 505	39 710	4 410 824
Cropland fertilized, except pasture	50 735	5 697 473	40 861	5 542 741	(NA)	4 375 433
Pasture and rangeland fertilized	2 049	48 477	1 689	44 764	(NA)	35 391
Lime	8 145	260 968	6 730	245 774	3 745	149 205
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	17 801	1 551 173	15 123	1 522 215	(NA)	838 352
Nematodes in crops	2 620	227 341	2 382	224 631	271	11 394
Diseases in crops and orchards	7 659	419 475	5 959	406 540	2 267	151 813
Weeds, grass, or brush in crops and pasture	33 811	3 706 728	28 565	3 626 221	(NA)	2 486 946
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2 105	94 153	1 781	90 354	543	31 711
Insect control on livestock and poultry	12 154	(X)	10 006	(X)	2 916	(X)
Sanitation and rodent and bird control	8 552	(X)	6 953	(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	68 136	61 877	48 122	44 952
$1,000	2 072 471	1 313 311	1 915 216	1 170 064
Average per farm—dollars	30 417	21 225	39 799	26 029
Farms by value group:				
$1 to $4,999	8 704	10 232	3 497	4 551
$5,000 to $9,999	18 559	13 399	7 368	7 012
$10,000 to $19,999	13 294	14 775	10 718	11 141

	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	7 183	9 554	6 714	8 636
$30,000 to $49,999	7 324	8 239	6 942	7 978
$50,000 to $69,999	4 747	2 948	4 623	2 929
$70,000 to $99,999	3 496		3 456	
$100,000 to $199,999	3 722	2 730	3 706	2 705
$200,000 or more	1 107		1 098	

	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	46 446	65 000	28 079	33 957	24 404	31 043	51 604	68 517	40 666
Motortrucks including pickups	55 349	83 399	30 042	35 098	34 551	48 301	51 099	73 597	30 663
Wheel tractors	62 719	157 697	15 522	23 051	59 266	134 646	58 057	139 883	22 540
Grain and bean combines, self-propelled only	18 347	19 474	3 941	4 090	14 635	15 384	13 990	14 649	3 083
Corn heads for combines	10 600	11 333	3 461	3 598	7 291	7 735	6 772	7 098	2 614
Other cornpickers and picker-shellers	19 459	20 359	2 270	2 310	17 261	18 049	19 525	20 260	3 411
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	20 689	22 066	6 195	6 310	14 721	15 756	15 424	15 924	4 652
Pickup balers	25 189	26 039	4 547	4 670	20 959	21 369	23 502	23 897	4 351
Field forage harvesters, shear bar or flywheel type	11 176	12 986	3 045	3 244	8 578	9 742	10 341	11 682	3 182

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	22 925	7 002	(X)	20 152	(X)	20 314	16 755
Workers	143 011	(X)	18 426	(X)	124 585	135 838	139 875
Farms with—							
1 worker	6 616	3 373	3 373	5 983	5 983	5 458	5 403
2 workers	4 326	1 730	3 460	3 862	7 724	3 808	2 316
3 or 4 workers	5 037	1 259	4 203	4 260	14 350	4 460	2 888
5 to 9 workers	3 994	469	2 849	3 391	21 383	3 719	2 855
10 workers or more	2 952	171	4 541	2 656	75 145	2 869	3 293

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	40 499	(X)	38 049	(X)	27 398	(X)	27 534	(X)
Any cattle, hogs, or sheep	33 658	(X)	34 016	(X)	23 759	(X)	25 270	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	34 373	927 510	34 685	657 721	25 817	916 376	26 474	648 310
Any cattle, hogs, or sheep ($1,000)	30 778	394 357	31 890	(NA)	23 788	386 165	25 055	253 075
CATTLE AND CALVES								
Inventory:								
Cattle and calves	28 406	1 276 204	30 665	1 430 262	20 280	1 207 872	22 795	1 328 213
Cows and heifers that had calved	21 236	532 837	23 091	588 018	15 446	504 415	17 552	543 429
Beef cows	11 831	146 757	12 839	195 130	7 562	122 709	8 142	156 114
Milk cows	11 120	386 080	12 533	392 888	9 160	381 706	11 001	387 315
Heifers and heifer calves	20 748	387 853	(NA)	(NA)	15 395	368 702	15 499	351 270
Steers, steer calves, bulls and bull calves	22 679	355 514	(NA)	(NA)	16 807	334 755	18 553	433 514
Sales:								
Cattle and calves	24 534	685 940	27 566	653 930	19 868	665 600	21 979	624 001
($1,000)	(X)	263 312	(X)	(NA)	(X)	257 710	(X)	181 456
Calves	12 231	191 595	(NA)	(NA)	10 389	183 643	11 081	161 028
($1,000)	(X)	25 836	(X)	(NA)	(X)	24 707	(X)	12 203
Cattle	21 503	494 345	(NA)	(NA)	17 726	481 957	19 554	462 973
($1,000)	(X)	237 476	(X)	(NA)	(X)	233 003	(X)	169 253
Fattened cattle	9 238	290 704	(NA)	(NA)	7 492	285 367	7 105	259 659
($1,000)	(X)	149 386	(X)	(NA)	(X)	147 390	(X)	106 456
Dairy products ($1,000)	8 405	436 006	(NA)	(NA)	8 274	434 912	9 861	315 216
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	10 907	958 231	8 508	619 910	7 167	916 984	6 299	597 317
Used or to be used for breeding	6 845	163 135	(NA)	(NA)	5 088	149 894	3 997	92 154
Other hogs and pigs	10 027	795 096	(NA)	(NA)	6 513	767 090	5 921	505 163
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	7 361	177 116	5 587	122 996	5 292	170 461	4 510	118 784
Dec. 1 of preceding year and May 31	5 836	83 940	4 388	61 094	4 428	81 126	3 688	59 051
June 1 and Nov. 30	5 986	93 176	4 349	61 902	4 558	89 335	3 577	59 733
Sheep and lambs	2 615	112 678	2 614	149 787	1 485	85 016	1 750	128 526
Ewes 1 year old or older	2 325	66 843	(NA)	(NA)	1 350	48 270	1 609	67 664
Goats	939	5 134	(NA)	(NA)	290	1 956	113	775
Horses and ponies	12 168	54 033	9 263	43 313	6 361	29 690	5 173	28 355
Sales:								
Hogs and pigs	9 431	1 417 675	7 811	1 013 950	7 157	1 382 737	6 299	989 327
($1,000)	(X)	126 173	(X)	(NA)	(X)	124 188	(X)	67 801
Feeder pigs	2 913	321 584	2 247	190 061	2 262	303 194	1 678	180 004
($1,000)	(X)	13 964	(X)	(NA)	(X)	13 366	(X)	4 085
Sheep and lambs	2 258	77 736	2 220	120 317	1 348	68 105	1 605	106 186
Sheep and lambs shorn	2 324	95 628	(NA)	(NA)	1 275	75 421	1 479	104 421
Pounds of wool	(X)	723 735	(X)	(NA)	(X)	601 148	(X)	828 905
Sheep, lambs, and wool ($1,000)	2 512	4 872	(NA)	(NA)	1 406	4 267	1 655	3 818
Goats	325	1 396	(NA)	(NA)	136	607	45	285
($1,000)	(X)	41	(X)	(NA)	(X)	18	(X)	7
Horses and ponies	2 639	7 592	1 533	5 780	1 493	5 284	914	4 355
($1,000)	(X)	8 958	(X)	(NA)	(X)	7 855	(X)	2 972
POULTRY								
Inventory:								
Any poultry	9 559	(X)	8 847	(X)	4 817	(X)	5 398	(X)
Chickens 3 months old or older	8 118	7 089 968	8 303	7 609 220	4 109	6 927 189	4 981	7 462 686
Hens and pullets of laying age	7 935	6 266 068	7 851	6 190 547	4 026	6 141 951	4 756	6 070 228
Pullets 3 months old or older	1 471	823 900	(NA)	(NA)	420	785 238	280	1 358 367
Pullet chicks and pullets under 3 months old	463	690 758	(NA)	(NA)	108	684 752	98	662 436
Broilers and other meat-type chickens	2 342	224 965	1 120	131 487	843	187 177	670	112 461
Turkeys	852	510 923	(NA)	(NA)	278	507 157	155	268 066
Turkeys for slaughter	682	470 591	(NA)	(NA)	217	467 385	120	224 009
Turkey hens kept for breeding	253	40 332	(NA)	(NA)	111	39 772	60	44 057
Other poultry	2 870	(X)	(NA)	(X)	1 166	(X)	625	(X)
Sales:								
Any poultry	2 928	(X)	2 385	(X)	1 702	(X)	1 809	(X)
Chickens 3 months old or older	1 511	6 635 168	1 903	8 678 963	1 054	6 607 168	1 447	8 646 165
Hens and pullets of laying age	1 202	4 565 570	1 711	4 815 682	1 005	4 543 067	1 324	4 786 288
Pullets 3 months old or older	329	2 069 598	(NA)	(NA)	63	2 064 101	89	3 834 776
Pullet chicks and pullets under 3 months old	26	(D)	(NA)	(NA)	14	(D)	9	11 150
Broilers and other meat-type chickens	616	501 899	459	362 042	381	487 327	293	347 143
Turkeys	514	1 112 557	(NA)	(NA)	113	1 109 256	63	1 118 994
Turkeys for slaughter	506	1 071 467	(NA)	(NA)	105	1 068 166	51	1 065 022
Turkey hens kept for breeding	10	41 090	(NA)	(NA)	10	41 090	17	53 972
Other poultry	569	(X)	(NA)	(X)	254	(X)	159	(X)
Poultry and poultry products ($1,000)	3 861	78 376	3 859	71 976	2 270	77 925	2 626	71 658

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	37 783	2 817 381	(X)	825	104 829	31 621	2 747 020	(X)	799	104 633
	1974	38 592	2 378 301	(X)	(NA)	(NA)	32 018	2 301 789	(X)	238	21 665
For grain or seed (bushels)	1978	35 407	2 385 858	188 175 469	803	99 378	29 873	2 325 383	185 039 920	780	99 189
	1974	35 690	1 895 841	112 269 703	(NA)	(NA)	29 796	1 831 211	109 669 979	207	19 280
For silage or green chop (tons, green)	1978	10 571	429 609	4 901 186	129	5 451	9 734	420 009	4 825 186	126	5 444
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11 407	458 241	4 740 978	52	(D)
For fodder, hogged or grazed	1978	44	1 914	(X)	–	–	32	1 628	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	622	12 337	(X)	2	(D)
Sorghums for all purposes	1978	757	12 838	(X)	6	81	719	12 457	(X)	6	81
	1974	815	14 733	(X)	(NA)	(NA)	661	12 901	(X)	5	36
For grain or seed (bushels)	1978	94	2 672	154 212	1	(D)	91	2 659	153 876	1	(D)
	1974	185	4 746	206 716	(NA)	(NA)	177	4 694	204 733	1	(D)
For silage or green chop (tons, green)	1978	657	10 022	102 354	5	(D)	624	9 671	99 812	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	487	7 010	56 206	2	(D)
Cut for dry forage or hay (tons, dry)	1978	4	29	68	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	425	1 312	–	–
Hogged or grazed	1978	10	115	(X)	–	–	9	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	59	772	(X)	2	(D)
Wheat for grain (bushels)	1978	14 383	382 166	15 044 875	24	1 191	13 160	369 809	14 718 224	23	(D)
	1974	29 897	810 197	31 891 280	(NA)	(NA)	25 939	769 763	30 684 495	39	727
Oats for grain (bushels)	1978	18 576	408 148	23 368 531	27	643	15 937	379 653	22 260 927	25	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15 509	302 878	16 719 727	24	282
Barley for grain (bushels)	1978	754	19 414	921 222	1	(D)	700	18 968	910 860	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	655	11 849	570 713	1	(D)
Rye for grain (bushels)	1978	769	14 323	324 771	2	(D)	564	10 544	266 168	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	944	11 341	285 235	3	46
Other small grains for grain	1978	155	1 975	(X)	3	12	120	1 680	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	458	6 262	(X)	1	(D)
Soybeans for beans (bushels)	1978	14 506	898 071	21 355 414	201	11 307	13 003	877 529	21 044 961	197	11 270
	1974	12 289	570 683	12 080 412	(NA)	(NA)	11 236	558 690	11 900 848	71	2 450
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	851	43 903	10 025 708	216	21 409	662	43 631	9 981 827	207	21 394
	1974	1 149	41 184	8 500 560	(NA)	(NA)	860	40 836	8 452 781	172	16 227
Sweetpotatoes (bushels)	1978	14	133	21 328	4	(D)	11	129	21 103	4	(D)
	1974	30	374	63 474	(NA)	(NA)	22	363	62 029	5	97
Hay crops (tons, dry) (see text)	1978	36 136	1 633 568	3 729 147	217	9 788	25 649	1 436 883	3 451 667	199	9 547
	1974	33 374	1 359 191	2 956 963	(NA)	(NA)	24 718	1 195 564	2 707 060	52	1 776
Alfalfa hay (tons, dry)	1978	30 435	1 137 415	2 901 154	182	6 636	22 251	999 312	2 687 629	167	6 468
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19 709	769 075	1 920 219	41	1 122
Other tame dry hay (tons, dry) (see text)	1978	6 905	188 330	317 702	10	223	4 732	152 275	274 081	7	180
Field seed crops	1978	713	13 301	(X)	2	(D)	568	11 485	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1 772	25 770	(X)	2	(D)
Alfalfa seed (pounds)	1978	85	1 149	95 305	1	(D)	78	1 081	91 755	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	123	1 304	67 829	–	–
Red clover seed (pounds)	1978	515	9 129	935 120	–	–	451	8 394	871 960	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 608	22 758	2 268 379	1	(D)
All vegetables harvested for sale (see text)	1978	4 165	122 307	(X)	851	35 623	3 322	120 310	(X)	784	35 488
	1974	4 062	106 952	(X)	(NA)	(NA)	3 027	104 471	(X)	658	29 332
Sweet corn	1978	1 573	10 873	(X)	252	2 936	1 007	10 064	(X)	218	2 886
	1974	(NA)	(NA)	(X)	(NA)	(NA)	899	9 348	(X)	171	2 401
Tomatoes	1978	1 229	7 900	(X)	311	2 272	934	7 769	(X)	286	2 257
	1974	(NA)	(NA)	(X)	(NA)	(NA)	985	8 956	(X)	271	2 385
Green peas excluding cowpeas	1978	140	2 689	(X)	25	691	119	2 680	(X)	21	688
	1974	(NA)	(NA)	(X)	(NA)	(NA)	182	2 982	(X)	32	334
Land in orchards	1978	5 299	170 650	(X)	525	14 619	3 585	162 439	(X)	458	14 312
	1974	4 746	167 747	(X)	(NA)	(NA)	3 522	163 002	(X)	186	4 994
Apples (pounds)	1978	3 280	71 887	773 356 281	(NA)	(NA)	2 112	67 937	768 144 713	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2 021	64 682	604 236 794	(NA)	(NA)
Peaches (pounds)	1978	1 467	10 804	50 993 384	(NA)	(NA)	1 022	10 208	50 361 335	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 023	11 372	65 838 664	(NA)	(NA)
Grapes (pounds) (see text)	1978	1 553	15 529	118 356 478	(NA)	(NA)	1 099	14 495	115 964 075	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 013	15 761	83 468 000	(NA)	(NA)
Berries	1978	2 048	14 836	(X)	699	6 691	1 407	14 213	(X)	606	6 568
	1974	1 529	13 002	(X)	(NA)	(NA)	1 071	12 207	(X)	424	4 717
Strawberries (pounds)	1978	1 058	3 916	18 960 894	508	3 109	731	3 678	18 616 826	437	3 029
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	531	3 023	15 784 823	319	2 441
Nursery and greenhouse products	1978	1 688	20 512	(X)	603	8 838	1 229	19 610	(X)	551	8 744
Other crops	1978	6 011	558 534	(X)	(NA)	(NA)	5 730	554 840	(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	7 811	409 763	(NA)	(NA)	1 678	187 787	(NA)	(NA)
Average size of farm	(X)	52	(X)	(NA)	(X)	112	(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	71 565	(X)	(NA)	(X)	137 964	(X)	(NA)	(X)
Average per acre ---- dollars	(X)	1 364	(X)	(NA)	(X)	1 233	(X)	(NA)
Land in farms according to use:								
Total cropland	7 025	282 569	(NA)	(NA)	1 619	167 274	(NA)	(NA)
Harvested cropland	5 657	179 446	(NA)	(NA)	1 405	117 428	(NA)	(NA)
By acres harvested:								
1 to 9 acres	2 113	10 282	(NA)	(NA)	94	516	(NA)	(NA)
10 to 19 acres	1 261	17 212	(NA)	(NA)	179	2 682	(NA)	(NA)
20 to 29 acres	926	21 635	(NA)	(NA)	236	5 251	(NA)	(NA)
30 to 49 acres	518	19 460	(NA)	(NA)	209	8 150	(NA)	(NA)
50 to 99 acres	412	29 245	(NA)	(NA)	260	19 217	(NA)	(NA)
100 to 199 acres	273	41 710	(NA)	(NA)	273	41 710	(NA)	(NA)
200 to 499 acres	154	39 902	(NA)	(NA)	154	39 902	(NA)	(NA)
500 to 999 acres	–	–	(NA)	(NA)	–	–	(NA)	(NA)
1,000 acres or more	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cropland used only for pasture	3 151	61 539	(NA)	(NA)	636	29 934	(NA)	(NA)
Other cropland	2 259	41 584	(NA)	(NA)	433	19 912	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	578	8 900	(NA)	(NA)	118	4 189	(NA)	(NA)
Cropland on which all crops failed	333	3 227	(NA)	(NA)	–	–	(NA)	(NA)
Cropland in cultivated summer fallow	189	679	(NA)	(NA)	35	350	(NA)	(NA)
Cropland idle	1 703	28 778	(NA)	(NA)	374	15 373	(NA)	(NA)
Total woodland	2 930	78 327	(NA)	(NA)	457	11 492	(NA)	(NA)
Woodland pastured	560	8 161	(NA)	(NA)	214	5 375	(NA)	(NA)
Woodland not pastured	2 370	70 166	(NA)	(NA)	243	6 117	(NA)	(NA)
Other land	6 879	48 867	(NA)	(NA)	1 310	9 021	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured	366	4 768	(NA)	(NA)	212	1 583	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc	6 879	44 099	(NA)	(NA)	1 310	7 438	(NA)	(NA)
Pastureland, all types	3 544	74 468	(NA)	(NA)	813	36 892	(NA)	(NA)
Irrigated land	35	280	(NA)	(NA)	35	280	(NA)	(NA)
Harvested cropland irrigated	35	280	(NA)	(NA)	35	280	(NA)	(NA)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Other land irrigated	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Land set aside in the federal farm programs in 1978	59	413	(X)	(X)	59	413	(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]	7 811	26 781	(NA)	(NA)	1 678	22 075	(NA)	(NA)
Average per farm ---- dollars	(X)	3 429	(X)	(NA)	(X)	13 156	(X)	(NA)
Farms by value of agricultural products sold:[1]								
$100,000 or more	–	–	(NA)	(NA)	–	–	(NA)	(NA)
$40,000 to $99,999	188	8 787	(NA)	(NA)	188	8 787	(NA)	(NA)
$20,000 to $39,999	178	5 300	(NA)	(NA)	178	5 300	(NA)	(NA)
$10,000 to $19,999	213	3 241	(NA)	(NA)	213	3 241	(NA)	(NA)
$5,000 to $9,999	261	1 594	(NA)	(NA)	261	1 594	(NA)	(NA)
$2,500 to $4,999	838	3 153	(NA)	(NA)	838	3 153	(NA)	(NA)
Less than $2,500 (see text)	6 133	4 706	(NA)	(NA)	(X)	(X)	(NA)	(NA)
$2,000 to $2,499	471	986	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	880	1 434	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	1 140	1 342	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	3 642	943	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	3 597	15 841	(NA)	(NA)	1 287	13 667	(NA)	(NA)
Grains	1 971	9 239	(NA)	(NA)	949	8 527	(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	1 404	3 463	(NA)	(NA)	518	2 598	(NA)	(NA)
Vegetables, sweet corn, and melons	372	1 348	(NA)	(NA)	95	1 262	(NA)	(NA)
Fruits, nuts, and berries	430	298	(NA)	(NA)	95	61	(NA)	(NA)
Nursery and greenhouse products	244	275	(NA)	(NA)	–	–	(NA)	(NA)
Other crops	120	1 219	(NA)	(NA)	120	1 219	(NA)	(NA)
Livestock, poultry, and their products	3 418	10 939	(NA)	(NA)	822	8 408	(NA)	(NA)
Poultry and poultry products	808	71	(NA)	(NA)	35	3	(NA)	(NA)
Dairy products	153	4 621	(NA)	(NA)	153	4 621	(NA)	(NA)
Cattle and calves	1 477	2 698	(NA)	(NA)	494	1 699	(NA)	(NA)
Hogs and pigs	1 366	1 426	(NA)	(NA)	278	594	(NA)	(NA)
Sheep, lambs, and wool	581	179	(NA)	(NA)	–	–	(NA)	(NA)
Other livestock and livestock products (see text)	742	1 944	(NA)	(NA)	214	1 491	(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	7 811	(NA)	409 763	5 657	336 492	179 446	35	3 500	280	280
Farms with—										
1 to 9 acres	1 609	(NA)	6 565	627	3 342	2 106	–	–	–	–
10 to 49 acres	3 987	(NA)	95 562	3 226	84 279	43 602	–	–	–	–
50 to 69 acres	282	(NA)	15 516	282	15 516	6 193	–	–	–	–
70 to 99 acres	820	(NA)	67 162	566	46 842	18 062	–	–	–	–
100 to 139 acres	539	(NA)	62 280	470	53 755	23 741	35	3 500	280	280
140 to 179 acres	59	(NA)	9 440	59	9 440	4 130	–	–	–	–
180 to 219 acres	154	(NA)	29 543	154	29 543	23 540	–	–	–	–
220 to 259 acres	120	(NA)	29 880	120	29 880	28 920	–	–	–	–
260 to 499 acres	181	(NA)	59 015	93	29 095	18 652	–	–	–	–
500 to 999 acres	60	(NA)	34 800	60	34 800	10 500	–	–	–	–
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	7 811	409 763	(NA)	(NA)	1 678	187 787	(NA)	(NA)
Harvested cropland	5 657	179 446	(NA)	(NA)	1 405	117 428	(NA)	(NA)
Tenure of operator:								
Full owners	6 142	257 052	(NA)	(NA)	1 098	67 178	(NA)	(NA)
Harvested cropland	4 298	92 248	(NA)	(NA)	825	40 790	(NA)	(NA)
Part owners	1 056	129 568	(NA)	(NA)	427	109 578	(NA)	(NA)
Harvested cropland	968	77 190	(NA)	(NA)	427	68 172	(NA)	(NA)
Tenants	613	23 143	(NA)	(NA)	153	11 031	(NA)	(NA)
Harvested cropland	391	10 008	(NA)	(NA)	153	8 466	(NA)	(NA)
Type of organization:								
Individual or family	7 468	364 618	(NA)	(NA)	1 584	183 246	(NA)	(NA)
Partnership	255	15 225	(NA)	(NA)	94	4 541	(NA)	(NA)
Corporation	88	29 920	(NA)	(NA)	–	–	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	–	–	(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	1 627	(NA)	540	(NA)
Other	6 184	(NA)	1 138	(NA)
Operators by age group:				
Under 25 years	732	(NA)	238	(NA)
25 to 34 years	1 443	(NA)	248	(NA)
35 to 44 years	1 451	(NA)	219	(NA)
45 to 54 years	1 821	(NA)	546	(NA)
55 to 64 years	1 187	(NA)	308	(NA)
65 years and over	1 177	(NA)	119	(NA)
Average age	46.7	(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	7 670	(NA)	1 666	(NA)
Not on farm operated	141	(NA)	12	(NA)
Not reported	–	(NA)	–	(NA)
Operators reporting days of work off farm:				
None	2 223	(NA)	540	(NA)
1 to 49 days	35	(NA)	–	(NA)
50 to 99 days	35	(NA)	35	(NA)
100 to 149 days	95	(NA)	–	(NA)
150 to 199 days	520	(NA)	59	(NA)
200 days or more	4 903	(NA)	1 044	(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	3 022	3 274	(NA)	(NA)	377	2 045	(NA)	(NA)
Feed for livestock and poultry	4 716	4 109	(NA)	(NA)	1 093	1 694	(NA)	(NA)
Commercially mixed formula feeds	3 633	3 124	(NA)	(NA)	822	1 514	(NA)	(NA)
Animal health costs	2 918	490	(NA)	(NA)	818	238	(NA)	(NA)
Seeds, bulbs, plants, and trees	4 137	1 398	(NA)	(NA)	1 256	1 035	(NA)	(NA)
Commercial fertilizer	3 439	2 738	(NA)	(NA)	1 102	2 205	(NA)	(NA)
Other agricultural chemicals including lime	3 143	998	(NA)	(NA)	1 221	809	(NA)	(NA)
Hired farm labor	640	439	(NA)	(NA)	396	405	(NA)	(NA)
Contract labor	70	23	(NA)	(NA)	–	–	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment	1 053	305	(NA)	(NA)	119	13	(NA)	(NA)
Energy and petroleum products	7 752	2 821	(NA)	(NA)	1 678	1 595	(NA)	(NA)
Petroleum products	7 752	2 272	(NA)	(NA)	1 678	1 228	(NA)	(NA)
Gasoline	7 266	1 432	(NA)	(NA)	1 560	611	(NA)	(NA)
Diesel fuel	1 434	410	(NA)	(NA)	910	378	(NA)	(NA)
LP gas, butane, and propane	316	91	(NA)	(NA)	222	86	(NA)	(NA)
Fuel oil	189	44	(NA)	(NA)	35	5		
Natural gas	60	12	(NA)	(NA)	–	–	(NA)	(NA)
Kerosene, motor oil, and grease	7 752	282	(NA)	(NA)	1 678	148		
Electricity	3 603	549	(NA)	(NA)	1 043	367	(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	3 260	113 534	1 102	91 261	(NA)	(NA)
Cropland fertilized, except pasture	3 260	113 234	1 102	91 261	(NA)	(NA)
Pasture and rangeland fertilized	60	300	–	–	(NA)	(NA)
Lime	640	21 377	307	19 310	(NA)	(NA)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	944	36 799	392	34 187	(NA)	(NA)
Nematodes in crops	59	3 835	59	3 835	(NA)	(NA)
Diseases in crops and orchards	644	10 874	94	7 950	(NA)	(NA)
Weeds, grass, or brush in crops and pasture	1 950	77 332	854	65 820	(NA)	(NA)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	119	4 735	59	3 835	(NA)	(NA)
Insect control on livestock and poultry	728	(X)	213	(X)	(NA)	(X)
Sanitation and rodent and bird control	485	(X)	154	(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	7 811	(NA)	1 678	(NA)
$1,000	84 000	(NA)	50 214	(NA)
Average per farm—dollars	10 754	(NA)	29 925	(NA)
Farms by value group:				
$1 to $4,999	2 826	(NA)	447	(NA)
$5,000 to $9,999	3 766	(NA)	415	(NA)
$10,000 to $19,999	473	(NA)	130	(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	178	(NA)	178	(NA)
$30,000 to $49,999	214	(NA)	154	(NA)
$50,000 to $69,999	166	(NA)	166	(NA)
$70,000 to $99,999	119	(NA)	119	(NA)
$100,000 to $199,999	35		35	
$200,000 or more	34		34	

	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	1 715	2 202	1 157	1 423	651	779	(NA)	(NA)	(NA)
Motortrucks including pickups	5 203	5 946	3 421	3 678	1 936	2 268	(NA)	(NA)	(NA)
Wheel tractors	6 369	9 634	614	751	6 112	8 883	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled only	509	555	81	127	428	428	(NA)	(NA)	(NA)
Corn heads for combines	211	257	81	81	176	176	(NA)	(NA)	(NA)
Other cornpickers and picker-shellers	1 023	1 023	–	–	1 023	1 023	(NA)	(NA)	(NA)
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	1 073	1 370	248	248	825	1 122	(NA)	(NA)	(NA)
Pickup balers	1 503	1 503	155	155	1 348	1 348	(NA)	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type	247	282	35	35	247	247	(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	640	35	(X)	640	(X)	396	(NA)
Workers	2 112	(X)	35	(X)	2 077	1 574	(NA)
Farms with—							
1 worker	245	35	35	245	245	125	(NA)
2 workers	149	–	–	149	298	59	(NA)
3 or 4 workers	59	–	–	59	236	59	(NA)
5 to 9 workers	128	–	–	128	708	94	(NA)
10 workers or more	59	–	–	59	590	59	(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	5 681	(X)	(NA)	(NA)	1 094	(X)	(NA)	(NA)
Any cattle, hogs, or sheep	4 111	(X)	(NA)	(NA)	525	(X)	(NA)	(NA)
Sales:								
Any livestock or poultry and their products $1,000	3 418	10 939	(NA)	(NA)	822	8 408	(NA)	(NA)
Any cattle, hogs, or sheep $1,000	2 858	4 303	(NA)	(NA)	643	2 293	(NA)	(NA)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	3 113	27 581	(NA)	(NA)	406	13 966	(NA)	(NA)
Cows and heifers that had calved	2 236	15 563	(NA)	(NA)	347	9 784	(NA)	(NA)
Beef cows	1 256	7 482	(NA)	(NA)	312	3 230	(NA)	(NA)
Milk cows	1 253	8 081	(NA)	(NA)	188	6 554	(NA)	(NA)
Heifers and heifer calves	2 081	6 965	(NA)	(NA)	278	2 523	(NA)	(NA)
Steers, steer calves, bulls and bull calves	1 870	5 053	(NA)	(NA)	337	1 659	(NA)	(NA)
Sales:								
Cattle and calves	1 477	10 167	(NA)	(NA)	494	6 224	(NA)	(NA)
$1,000	(X)	2 698	(X)	(NA)	(X)	1 699	(X)	(NA)
Calves	459	2 843	(NA)	(NA)	154	1 560	(NA)	(NA)
$1,000	(X)	440	(X)	(NA)	(X)	247	(X)	(NA)
Cattle	1 146	7 324	(NA)	(NA)	340	4 664	(NA)	(NA)
$1,000	(X)	2 258	(X)	(NA)	(X)	1 452	(X)	(NA)
Fattened cattle	597	4 811	(NA)	(NA)	212	3 451	(NA)	(NA)
$1,000	(X)	1 357	(X)	(NA)	(X)	936	(X)	(NA)
Dairy products $1,000	153	4 621	(NA)	(NA)	153	4 621	(NA)	(NA)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	2 335	26 991	(NA)	(NA)	243	4 587	(NA)	(NA)
Used or to be used for breeding	993	10 491	(NA)	(NA)	178	1 967	(NA)	(NA)
Other hogs and pigs	2 181	16 500	(NA)	(NA)	124	2 620	(NA)	(NA)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	19		(NA)	(NA)	178	1 951	(NA)	(NA)
Dec. 1 of preceding year and May 31	874	2 337	(NA)	(NA)	178	1 241	(NA)	(NA)
June 1 and Nov. 30	856	2 672	(NA)	(NA)	119	710	(NA)	(NA)
Sheep and lambs	640	15 493	(NA)	(NA)	60	120	(NA)	(NA)
Ewes 1 year old or older	552	10 733	(NA)	(NA)	60	60	(NA)	(NA)
Goats	404	1 557	(NA)	(NA)	35	70	(NA)	(NA)
Horses and ponies	3 129	8 962	(NA)	(NA)	812	2 416	(NA)	(NA)
Sales:								
Hogs and pigs	1 366	25 153	(NA)	(NA)	278	8 453	(NA)	(NA)
$1,000	(X)	1 426	(X)	(NA)	(X)	594	(X)	(NA)
Feeder pigs	336	15 313	(NA)	(NA)	118	5 428	(NA)	(NA)
$1,000	(X)	602	(X)	(NA)	(X)	282	(X)	(NA)
Sheep and lambs	433	2 586	(NA)	(NA)	–	–	(NA)	(NA)
Sheep and lambs shorn	581	10 600	(NA)	(NA)	–	–	(NA)	(NA)
Pounds of wool	(X)	43 792	(X)	(NA)	(X)	–	(X)	(NA)
Sheep, lambs, and wool $1,000	581	179	(NA)	(NA)	–	–	(NA)	(NA)
Goats	123	158	(NA)	(NA)	35	70	(NA)	(NA)
$1,000	(X)	3	(X)	(NA)	(X)	1	(X)	(NA)
Horses and ponies	549	1 004	(NA)	(NA)	179	417	(NA)	(NA)
$1,000	(X)	1 899	(X)	(NA)	(X)	1 490	(X)	(NA)
POULTRY								
Inventory:								
Any poultry	2 490	(X)	(NA)	(NA)	254	(X)	(NA)	(NA)
Chickens 3 months old or older	1 972	78 780	(NA)	(NA)	130	1 010	(NA)	(NA)
Hens and pullets of laying age	1912340	47 337	(NA)	(NA)	130	1 010	(NA)	(NA)
Pullets 3 months old or older	727	31 443	(NA)	(NA)	–	–	(NA)	(NA)
Pullet chicks and pullets under 3 months old	274	3 380	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	992	17 804	(NA)	(NA)	35	140	(NA)	(NA)
Turkeys	395	1 818	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	336	1 582	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	59	236	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	1 103	(X)	(NA)	(X)	159	(X)	(NA)	(X)
Sales:								
Any poultry	713	(X)	(NA)	(NA)	35	(X)	(NA)	(NA)
Chickens 3 months old or older	289	5 325	(NA)	(NA)	35	245	(NA)	(NA)
Hens and pullets of laying age	35	245	(NA)	(NA)	35	245	(NA)	(NA)
Pullets 3 months old or older	254	5 080	(NA)	(NA)	–	–	(NA)	(NA)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Broilers and other meat-type chickens	123	5 560	(NA)	(NA)	35	280	(NA)	(NA)
Turkeys	349	2 094	(NA)	(NA)	–	–	(NA)	(NA)
Turkeys for slaughter	349	2 094	(NA)	(NA)	–	–	(NA)	(NA)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Other poultry	182	(X)	(NA)	(X)	–	(X)	(NA)	(X)
Poultry and poultry products $1,000	808	71	(NA)	(NA)	35	3	(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	2 095	53 738	(X)	–	–	710	41 083	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For grain or seed (bushels)	1978	1 731	47 873	3 477 505	–	–	651	38 493	2 996 100	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
For silage or green chop (tons, green)	1978	458	5 865	65 159	–	–	153	2 590	45 875	–	–
	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	59	2 360	(X)	–	–	59	2 360	(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	59	2 360	28 320	–	–	59	2 360	28 320	–	–
	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	417	11 768	374 898	–	–	299	10 588	366 520	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats for grain (bushels)	1978	701	12 729	749 820	–	–	214	6 395	552 300	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rye for grain (bushels)	1978	93	2 417	33 100	–	–	–	–	–	–	–
	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	592	9 622	180 558	–	–	356	7 616	157 725	–	–
	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	60	30	4 500	–	–	–	–	–	–	–
	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	3 273	72 116	130 064	–	–	872	37 696	89 207	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry)	1978	2 472	45 775	97 954	–	–	663	25 059	69 045	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text)	1978	742	12 122	17 744	–	–	208	5 043	11 178	–	–
Field seed crops	1978	59	826	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	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	372	3 020	(X)	35	102	95	2 502	(X)	35	102
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Sweet corn	1978	312	264	(X)	35	70	35	70	(X)	35	70
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Tomatoes	1978	154	43	(X)	35	7	35	7	(X)	35	7
	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	577	1 237	(X)	35	140	35	140	(X)	35	140
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Apples (pounds)	1978	395	459	1 574 040	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	153	69	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	69	28	–	(NA)	(NA)	35	11	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Berries	1978	341	190	(X)	35	39	95	99	(X)	35	39
	1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Strawberries (pounds)	1978	223	157	171 280	35	18	95	78	140 100	35	18
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products	1978	244	371	(X)	–	–	–	–	(X)	–	–
Other crops	1978	299	15 652	(X)	(NA)	(NA)	240	15 180	(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	287	55 630	254	50 624	173	42 309	141	37 467
Average size of farm	(X)	194	(X)	199	(X)	245	(X)	266
Approximate land area	(X)	433 920	(X)	433 920	(X)	433 920	(X)	433 920
Proportion in farms, percent	(X)	12.8	(X)	11.7	(X)	9.8	(X)	8.6
Value of land and buildings:[1]								
Average per farm, dollars	89 815	(X)	63 157	(X)	112 842	(X)	85 234	(X)
Average per acre, dollars	(X)	513	(X)	317	(X)	548	(X)	321
Land in farms according to use:								
Total cropland	286	35 204	245	30 987	172	28 406	140	23 668
Harvested cropland	272	18 577	223	15 923	167	15 804	135	13 250
By acres harvested:								
1 to 9 acres	19	114	8	(NA)	5	26	1	(NA)
10 to 19 acres	40	555	20	(NA)	9	120	4	(NA)
20 to 29 acres	36	863	25	(NA)	12	290	10	(NA)
30 to 49 acres	58	2 121	64	(NA)	33	1 236	26	(NA)
50 to 99 acres	60	4 083	58	(NA)	52	3 598	46	(NA)
100 to 199 acres	41	5 400	37	(NA)	38	5 093	37	(NA)
200 to 499 acres	16	(D)	9	(NA)	16	(D)	9	(NA)
500 to 999 acres	2	(D)	2	(NA)	2	(D)	2	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	181	11 951	192	12 708	127	9 605	114	9 088
Other cropland	137	4 676	77	2 356	85	2 997	43	1 330
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	30	780	(NA)	(NA)	19	399	13	281
Cropland on which all crops failed	30	566	(NA)	(NA)	20	384	7	99
Cropland in cultivated summer fallow	68	1 386	(NA)	(NA)	52	1 093	29	827
Cropland idle	63	1 944	(NA)	(NA)	33	1 121	11	123
Total woodland	212	15 274	184	13 722	135	10 372	114	10 379
Woodland pastured	101	6 466	(NA)	(NA)	70	4 886	80	6 505
Woodland not pastured	147	8 808	(NA)	(NA)	90	5 486	70	3 874
Other land	198	5 152	204	5 915	123	3 531	115	3 420
Pastureland and rangeland, other than cropland and woodland pastured	41	2 652	(NA)	(NA)	27	2 054	35	1 893
Land in house lots, ponds, roads, wasteland, etc	186	2 500	(NA)	(NA)	114	1 477	109	1 527
Pastureland, all types	213	21 069	(NA)	(NA)	142	16 545	(NA)	17 486
Irrigated land	2	(D)	3	4	1	(D)	–	–
Harvested cropland irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	33	283	(X)	(X)	31	(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]	287	3 247	254	2 128	173	3 136	141	1 999
Average per farm, dollars	(X)	11 313	(X)	8 378	(X)	18 126	(X)	14 177
Farms by value of agricultural products sold:[1]								
$100,000 or more	3	736	2	(NA)	3	736	2	(NA)
$40,000 to $99,999	14	795	6	(NA)	14	795	6	(NA)
$20,000 to $39,999	24	744	15	(NA)	24	744	15	(NA)
$10,000 to $19,999	25	327	28	(NA)	25	327	28	(NA)
$5,000 to $9,999	47	321	29	(NA)	47	321	29	(NA)
$2,500 to $4,999	60	212	54	(NA)	60	212	54	(NA)
Less than $2,500 (see text)	114	111	120	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	17	37	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	15	26	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	24	29	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	143	661	175	437	100	620	(NA)	379
Grains	53	167	(NA)	(NA)	41	159	45	122
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	113	479	(NA)	(NA)	79	450	86	237
Vegetables, sweet corn, and melons	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Fruits, nuts, and berries	7	5	(NA)	(NA)	2	(D)	1	(D)
Nursery and greenhouse products	–	–	1	(D)	–	–	1	(D)
Other crops	2	(D)	(NA)	(NA)	–	–	3	6
Livestock, poultry, and their products	203	2 586	195	1 679	148	2 516	126	1 608
Poultry and poultry products	14	(D)	12	215	10	(D)	8	215
Dairy products	27	967	(NA)	(NA)	27	967	21	580
Cattle and calves	172	1 192	(NA)	(NA)	129	1 135	122	750
Hogs and pigs	17	33	(NA)	(NA)	15	(D)	9	10
Sheep, lambs, and wool	18	(D)	(NA)	(NA)	12	24	14	16
Other livestock and livestock products (see text)	20	62	(NA)	(NA)	15	57	5	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	287	254	55 630	272	54 136	18 577	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	1	1	(D)	–	–	–	–	–	–	–
10 to 49 acres	37	10	1 314	34	1 194	502	–	–	–	–
50 to 69 acres	12	11	697	10	577	214	–	–	–	–
70 to 99 acres	55	55	4 421	51	4 091	1 600	–	–	–	–
100 to 139 acres	40	39	4 820	39	4 700	1 490	2	(D)	(D)	(D)
140 to 179 acres	32	31	4 974	29	4 491	1 340	–	–	–	–
180 to 219 acres	17	33	3 369	17	3 369	1 088	–	–	–	–
220 to 259 acres	20	13	4 811	20	4 811	1 865	–	–	–	–
260 to 499 acres	53	47	18 074	52	17 754	6 286	–	–	–	–
500 to 999 acres	18	14	10 893	18	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	2	–	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	287	55 630	254	50 624	173	42 309	141	37 467
Harvested cropland	272	18 577	223	15 923	167	15 804	135	13 250
Tenure of operator:								
Full owners	183	26 570	188	29 692	87	15 922	82	17 383
Harvested cropland	169	7 576	(NA)	7 364	81	5 255	(NA)	4 917
Part owners	92	27 270	62	20 168	80	25 563	55	19 320
Harvested cropland	91	10 580	(NA)	8 387	80	10 256	(NA)	8 161
Tenants	12	1 790	4	764	6	824	4	764
Harvested cropland	12	421	(NA)	172	6	293	(NA)	172
Type of organization:								
Individual or family	264	49 563	(NA)	(NA)	158	38 432	135	35 930
Partnership	22	(D)	(NA)	(NA)	14	(D)	5	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	1974[1]	1978	1974[1]
Operators by principal occupation:				
Farming	134	128	103	87
Other	153	125	70	53
Operators by age group:				
Under 25 years	10	3	5	2
25 to 34 years	27	11	15	6
35 to 44 years	61	48	32	30
45 to 54 years	56	55	38	34
55 to 64 years	74	82	46	45
65 years and over	59	54	37	23
Average age	51.8	54.5	52.4	53.5

	All farms		Farms with sales of $2,500 or more	
	1978	1974[1]	1978	1974[1]
Operators by place of residence:				
On farm operated	234	198	143	114
Not on farm operated	31	23	12	13
Not reported	22	32	18	13
Operators reporting days of work off farm:				
None	99	60	72	34
1 to 49 days	30	19	19	15
50 to 99 days	9	14	6	9
100 to 149 days	21	7	13	5
150 to 199 days	16	32	9	18
200 days or more	105	91	50	38

[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	100	657	112	438	78	634	60	402
Feed for livestock and poultry	188	488	165	423	135	477	93	404
Commercially mixed formula feeds	61	314	108	257	56	313	70	247
Animal health costs	176	33	(NA)	(NA)	134	32	80	14
Seeds, bulbs, plants, and trees	155	97	134	34	122	92	82	30
Commercial fertilizer	147	121	100	74	117	111	70	69
Other agricultural chemicals including lime	102	33	40	10	70	27	26	10
Hired farm labor	117	121	73	83	107	119	62	80
Contract labor	1	(D)	9	4	1	(D)	2	(D)
Customwork, machine hire, and rental of machinery and equipment	91	39	69	18	50	17	48	13
Energy and petroleum products	287	306	(NA)	(NA)	173	271	(NA)	(NA)
Petroleum products	287	210	249	151	173	184	141	123
Gasoline	265	134	(NA)	(NA)	157	113	136	89
Diesel fuel	71	59	(NA)	(NA)	71	59	61	19
LP gas, butane, and propane	8	(D)	(NA)	(NA)	1	(D)	4	3
Fuel oil	19	4	(NA)	(NA)	7	2	141	13
Natural gas	6	(D)	(NA)	(NA)	6	(D)		
Kerosene, motor oil, and grease	287	12	(NA)	(NA)	173	9		
Electricity	222	91	(NA)	(NA)	152	83	(NA)	(NA)
Other—coal, wood, coke, etc.	18	5	(NA)	(NA)	12	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	138	5 442	108	5 036	70	2 684
Cropland fertilized, except pasture	138	4 964	108	4 558	(NA)	2 410
Pasture and rangeland fertilized	22	478	22	478	(NA)	274
Lime	14	267	8	162	3	132
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	8	480	8	480	(NA)	85
Nematodes in crops	10	550	10	550	–	–
Diseases in crops and orchards	6	233	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	70	2 691	53	2 253	(NA)	739
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	48	(X)	37	(X)	6	(X)
Sanitation and rodent and bird control	20	(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	287	242	173	135
$1,000	3 700	3 009	2 936	2 142
Average per farm—dollars	12 894	12 434	16 970	15 867
Farms by value group:				
$1 to $4,999	46	56	11	20
$5,000 to $9,999	112	72	49	33
$10,000 to $19,999	87	62	71	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	6	31	6	27
$30,000 to $49,999	31	19	31	18
$50,000 to $69,999	3	1	3	1
$70,000 to $99,999	1		1	
$100,000 to $199,999	1	1	1	1
$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	174	195	89	96	93	99	184	227	119
Motortrucks including pickups	225	233	100	101	128	132	182	213	88
Wheel tractors	273	514	47	54	262	460	225	433	33
Grain and bean combines, self-propelled only	28	28	–	–	28	28	18	19	2
Corn heads for combines	1	(D)	–	–	1	(D)	5	5	1
Other cornpickers and picker-shellers	30	30	6	6	24	24	17	17	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	141	165	47	47	98	118	79	83	19
Pickup balers	142	154	19	20	129	134	139	139	28
Field forage harvesters, shear bar or flywheel type	24	27	5	5	21	22	39	45	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	117	12	(X)	110	(X)	107	62
Workers	316	(X)	22	(X)	294	286	200
Farms with—							
1 worker	48	8	8	43	43	48	29
2 workers	20	1	(D)	20	40	20	10
3 or 4 workers	28	2	(D)	30	102	18	9
5 to 9 workers	21	1	(D)	17	109	21	11
10 workers or more	–	–	–	–	–	–	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	224	(X)	210	(X)	149	(X)	129	(X)
Any cattle, hogs, or sheep	191	(X)	192	(X)	133	(X)	122	(X)
Sales:								
Any livestock or poultry and their products $1,000	203	2 586	195	1 679	148	2 516	126	1 608
Any cattle, hogs, or sheep $1,000	189	(D)	191	(NA)	140	(D)	125	776
CATTLE AND CALVES								
Inventory:								
Cattle and calves	175	6 608	182	8 208	123	5 905	117	7 010
Cows and heifers that had calved	152	3 234	149	4 006	106	2 905	99	3 376
Beef cows	130	2 371	135	3 259	85	(D)	85	2 639
Milk cows	35	863	28	747	33	(D)	24	737
Heifers and heifer calves	138	1 590	(NA)	(NA)	100	1 386	83	1 425
Steers, steer calves, bulls and bull calves	158	1 784	(NA)	(NA)	112	1 614	105	2 209
Sales:								
Cattle and calves	172	3 738	181	4 097	129	3 526	122	3 728
$1,000	(X)	1 192	(X)	(NA)	(X)	1 135	(X)	750
Calves	105	1 512	(NA)	(NA)	76	1 390	74	978
$1,000	(X)	358	(X)	(NA)	(X)	330	(X)	110
Cattle	125	2 226	(NA)	(NA)	104	2 136	105	2 750
$1,000	(X)	834	(X)	(NA)	(X)	804	(X)	640
Fattened cattle	29	312	(NA)	(NA)	23	286	21	179
$1,000	(X)	118	(X)	(NA)	(X)	110	(X)	66
Dairy products $1,000	27	967	(NA)	(NA)	27	967	21	580
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	17	466	28	247	16	(D)	17	152
Used or to be used for breeding	11	103	(NA)	(NA)	10	(D)	7	31
Other hogs and pigs	16	363	(NA)	(NA)	15	(D)	15	121
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	12	86	13	52	11	(D)	7	27
Dec. 1 of preceding year and May 31	9	41	12	32	9	41	7	19
June 1 and Nov. 30	9	45	10	20	8	(D)	4	8
Sheep and lambs	17	747	20	826	11	540	13	627
Ewes 1 year old or older	15	634	(NA)	(NA)	9	459	13	509
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
Horses and ponies	62	254	67	233	36	140	38	106
Sales:								
Hogs and pigs	17	460	14	284	15	(D)	9	198
$1,000	(X)	33	(X)	(NA)	(X)	(D)	(X)	10
Feeder pigs	8	272	9	190	7	(D)	4	106
$1,000	(X)	12	(X)	(NA)	(X)	(D)	(X)	2
Sheep and lambs	18	634	19	839	12	508	13	591
Sheep and lambs shorn	16	626	(NA)	(NA)	10	435	13	583
Pounds of wool	(X)	4 475	(X)	(NA)	(X)	3 211	(X)	4 680
Sheep, lambs, and wool $1,000	18	(D)	(NA)	(NA)	12	24	14	16
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	12	31	3	7	8	19	1	(D)
$1,000	(X)	26	(X)	(NA)	(X)	21	(X)	(Z)
POULTRY								
Inventory:								
Any poultry	45	(X)	51	(X)	30	(X)	32	(X)
Chickens 3 months old or older	39	(D)	49	(D)	25	(D)	32	(D)
Hens and pullets of laying age	36	(D)	45	(D)	24	(D)	32	(D)
Pullets 3 months old or older	10	180	(NA)	(NA)	5	80	3	79
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Broilers and other meat-type chickens	9	478	3	36	6	368	1	(D)
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	15	(X)	(NA)	(X)	5	(X)	4	(X)
Sales:								
Any poultry	12	(X)	7	(X)	9	(X)	4	(X)
Chickens 3 months old or older	5	(D)	7	(D)	4	(D)	4	(D)
Hens and pullets of laying age	5	(D)	5	(D)	4	(D)	4	(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	3	108	3	172	3	108	1	(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	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	14	(D)	12	215	10	(D)	8	215

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	1 805	(X)	–	–	49	1 764	(X)	–	–
	1974	51	1 594	(X)	(NA)	(NA)	41	1 535	(X)	–	–
For grain or seed (bushels)	1978	37	948	67 828	–	–	31	(D)	66 270	–	–
	1974	24	625	39 892	(NA)	(NA)	20	604	37 644	–	–
For silage or green chop (tons, green)	1978	31	857	7 698	–	–	29	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	34	931	7 535	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(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	23	448	14 705	–	–	22	(D)	(D)	–	–
	1974	51	825	25 018	(NA)	(NA)	39	731	22 264	–	–
Oats for grain (bushels)	1978	93	1 931	98 869	–	–	69	1 699	88 870	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	1 126	53 088	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	2	(D)	(D)	–	–	–	–	–	–	–
	1974	4	5	910	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	261	14 685	27 672	1	(D)	163	12 186	24 569	1	(D)
	1974	199	12 069	21 325	(NA)	(NA)	129	9 772	17 815	–	–
Alfalfa hay (tons, dry)	1978	240	12 257	24 444	1	(D)	155	10 135	21 644	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	117	7 257	14 077	–	–
Other tame dry hay (tons, dry) (see text)	1978	23	752	1 117	–	–	13	622	971	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	111	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	43	860	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	63	8 750	–	–
All vegetables harvested for sale (see text)	1978	4	10	(X)	1	(D)	3	(D)	(X)	–	–
	1974	5	11	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	3	(D)	(X)	1	(D)	2	(D)	(X)	–	–
	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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	12	33	(X)	–	–	6	16	(X)	–	–
	1974	16	24	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	11	24	9 680	(NA)	(NA)	6	16	(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	5	4	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	3	4	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	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	94	21 971	81	19 155	65	17 280	49	14 109
Average size of farm	(X)	234	(X)	236	(X)	266	(X)	288
Approximate land area	(X)	579 200	(X)	579 200	(X)	579 200	(X)	579 200
Proportion in farms, percent	(X)	3.8	(X)	3.3	(X)	3.0	(X)	2.4
Value of land and buildings:[1]								
Average per farm, dollars	100 465	(X)	58 407	(X)	116 480	(X)	71 673	(X)
Average per acre, dollars	(X)	430	(X)	247	(X)	438	(X)	249
Land in farms according to use:								
Total cropland	90	11 399	79	9 723	63	9 371	49	7 394
Harvested cropland	86	8 113	74	6 426	62	6 986	49	5 557
By acres harvested:								
1 to 9 acres	4	19	9	(NA)	1	(D)	4	(NA)
10 to 19 acres	10	138	8	(NA)	3	39	1	(NA)
20 to 29 acres	9	205	3	(NA)	4	85	3	(NA)
30 to 49 acres	11	397	15	(NA)	7	259	7	(NA)
50 to 99 acres	25	1 746	18	(NA)	21	1 479	14	(NA)
100 to 199 acres	17	2 281	10	(NA)	17	2 281	9	(NA)
200 to 499 acres	10	3 327	11	(NA)	9	(D)	11	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	42	2 670	48	2 402	25	1 872	31	1 238
Other cropland	27	616	26	895	21	513	15	599
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	9	171	(NA)	(NA)	6	129	6	378
Cropland on which all crops failed	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Cropland in cultivated summer fallow	9	(D)	(NA)	(NA)	8	(D)	6	129
Cropland idle	17	330	(NA)	(NA)	14	271	7	(D)
Total woodland	82	8 692	68	7 963	56	6 629	44	5 955
Woodland pastured	30	2 353	(NA)	(NA)	22	1 689	30	1 824
Woodland not pastured	68	6 339	(NA)	(NA)	45	4 940	38	4 131
Other land	68	1 880	65	1 469	43	1 280	40	760
Pastureland and rangeland, other than cropland and woodland pastured	14	731	(NA)	(NA)	7	474	8	170
Land in house lots, ponds, roads, wasteland, etc	65	1 149	(NA)	(NA)	41	806	39	590
Pastureland, all types	61	5 754	(NA)	(NA)	40	4 035	(NA)	3 232
Irrigated land	4	30	4	33	3	(D)	4	33
Harvested cropland irrigated	4	30	(NA)	(NA)	3	(D)	4	33
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	3	5	(X)	(X)	3	5	(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]	94	1 630	81	1 120	65	1 508	49	978
Average per farm, dollars	(X)	17 343	(X)	13 827	(X)	23 207	(X)	19 959
Farms by value of agricultural products sold:[1]								
$100,000 or more	3	376	1	(NA)	3	376	1	(NA)
$40,000 to $99,999	9	568	7	(NA)	9	568	7	(NA)
$20,000 to $39,999	10	246	7	(NA)	10	246	7	(NA)
$10,000 to $19,999	9	126	10	(NA)	9	126	10	(NA)
$5,000 to $9,999	22	153	11	(NA)	22	153	11	(NA)
$2,500 to $4,999	12	40	13	(NA)	12	40	13	(NA)
Less than $2,500 (see text)	28	(D)	31	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	3	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	5	8	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	7	9	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	13	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	47	234	48	177	34	222	(NA)	156
Grains	7	14	(NA)	(NA)	6	(D)	4	(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	38	182	(NA)	(NA)	29	171	19	110
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	5	27	(NA)	(NA)	4	(D)	4	24
Nursery and greenhouse products	1	(D)	5	15	1	(D)	1	(D)
Other crops	1	(D)	(NA)	(NA)	1	(D)	–	–
Livestock, poultry, and their products	68	1 396	65	925	50	1 286	42	804
Poultry and poultry products	8	(D)	11	(D)	4	(D)	2	(D)
Dairy products	26	947	(NA)	(NA)	25	(D)	27	611
Cattle and calves	61	404	(NA)	(NA)	49	366	40	134
Hogs and pigs	7	5	(NA)	(NA)	4	4	5	6
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	4	3	(NA)	(NA)	2	(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	94	81	21 971	86	20 888	8 113	4	782	121	30
Farms with—										
1 to 9 acres	1	2	(D)	–	–	–	–	–	–	–
10 to 49 acres	7	7	238	4	(D)	(D)	–	–	–	–
50 to 69 acres	1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)
70 to 99 acres	11	11	887	11	887	321	1	(D)	(D)	(D)
100 to 139 acres	12	7	1 488	12	1 488	415	–	–	–	–
140 to 179 acres	14	8	2 180	12	1 862	676	1	(D)	(D)	(D)
180 to 219 acres	7	8	1 407	7	1 407	487	–	–	–	–
220 to 259 acres	12	9	2 887	12	2 887	1 366	–	–	–	–
260 to 499 acres	21	20	7 317	19	6 638	2 757	1	(D)	(D)	(D)
500 to 999 acres	7	8	4 337	7	4 337	1 535	–	–	–	–
1,000 to 1,999 acres	1	–	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	94	21 971	81	19 155	65	17 280	49	14 109
Harvested cropland	86	8 113	74	6 426	62	6 986	49	5 557
Tenure of operator:								
Full owners	61	11 526	53	9 610	38	(D)	24	4 798
Harvested cropland	54	(D)	(NA)	2 135	35	(D)	(NA)	1 373
Part owners	32	(D)	28	9 545	26	8 680	25	9 311
Harvested cropland	31	4 603	(NA)	4 291	26	4 005	(NA)	4 184
Tenants	1	(D)	–	–	1	(D)	–	–
Harvested cropland	1	(D)	(NA)	–	1	(D)	(NA)	–
Type of organization:								
Individual or family	87	18 508	(NA)	(NA)	59	14 986	46	12 997
Partnership	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(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	41	37	34	33
Other	53	42	31	15
Operators by age group:				
Under 25 years	1	–	–	–
25 to 34 years	12	4	9	3
35 to 44 years	18	7	6	5
45 to 54 years	22	28	16	17
55 to 64 years	30	31	26	21
65 years and over	11	9	8	2
Average age	50.5	53.8	52.3	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	78	71	55	42
Not on farm operated	4	2	3	1
Not reported	12	6	7	5
Operators reporting days of work off farm:				
None	35	28	30	24
1 to 49 days	6	4	4	3
50 to 99 days	1	3	1	1
100 to 149 days	6	2	6	1
150 to 199 days	5	8	3	6
200 days or more	39	30	20	10

[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 0036poultry purchased	35	125	32	41	23	113	15	35
Feed for livestock and poultry	64	332	68	272	46	292	42	212
Commercially mixed formula feeds	28	145	44	172	23	120	29	136
Animal health costs	54	13	(NA)	(NA)	42	11	25	6
Seeds, bulbs, plants, and trees	49	26	36	11	38	23	28	9
Commercial fertilizer	51	60	44	29	41	52	35	23
Other agricultural chemicals including lime	37	11	26	4	32	10	23	4
Hired farm labor	39	112	35	99	34	52	31	31
Contract labor	1	(D)	1	(D)	1	(D)	1	(D)
Customwork, machine hire, and rental of machinery and equipment	25	11	26	10	21	8	23	9
Energy and petroleum products	94	151	(NA)	(NA)	65	132	(NA)	(NA)
Petroleum products	94	98	77	49	65	86	49	39
Gasoline	93	59	(NA)	(NA)	64	53	47	26
Diesel fuel	37	20	(NA)	(NA)	32	18	27	8
LP gas, butane, and propane	10	3	(NA)	(NA)	8	(D)	8	1
Fuel oil	14	6	(NA)	(NA)	10	5		
Natural gas	3	2	(NA)	(NA)	2	(D)	49	5
Kerosene, motor oil, and grease	94	8	(NA)	(NA)	65	7		
Electricity	69	52	(NA)	(NA)	52	45	(NA)	(NA)
Other—coal, wood, coke, etc.	9	1	(NA)	(NA)	6	1	(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	49	2 910	41	2 452	35	1 311
Cropland fertilized, except pasture	49	2 839	41	(D)	(NA)	1 246
Pasture and rangeland fertilized	3	71	2	(D)	(NA)	65
Lime	6	95	5	(D)	5	87
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	11	201	10	(D)	(NA)	351
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	8	223	7	(D)	3	17
Weeds, grass, or brush in crops and pasture	27	965	24	779	(NA)	278
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	24	(X)	21	(X)	4	(X)
Sanitation and rodent and bird control	8	(X)	6	(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	94	81	65	49
$1,000	2 177	1 277	1 896	976
Average per farm—dollars	23 163	15 765	29 162	19 918
Farms by value group:				
$1 to $4,999	7	18	2	5
$5,000 to $9,999	32	17	11	11
$10,000 to $19,999	21	28	20	18

	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	8	6	7	5
$30,000 to $49,999	12	5	12	3
$50,000 to $69,999	7	5	7	5
$70,000 to $99,999	6	2	5	2
$100,000 to $199,999	1		1	
$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	65	80	44	45	29	35	69	85	35
Motortrucks including pickups	76	101	34	34	54	67	73	108	36
Wheel tractors	91	235	22	32	86	203	77	195	19
Grain and bean combines, self-propelled only	12	13	–	–	12	13	9	10	–
Corn heads for combines	1	(D)	1	(D)	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	51	54	19	20	32	34	31	32	17
Pickup balers	67	77	16	18	52	59	52	55	14
Field forage harvesters, shear bar or flywheel type	17	17	7	7	10	10	21	23	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	39	8	(X)	37	(X)	34	31
Workers	165	(X)	18	(X)	147	135	119
Farms with—							
1 worker	10	4	4	10	10	8	9
2 workers	5	3	(D)	5	10	5	4
3 or 4 workers	11	–	–	9	34	11	6
5 to 9 workers	10	1	(D)	10	61	8	11
10 workers or more	3	–	–	3	32	2	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	70	(X)	67	(X)	50	(X)	40	(X)
Any cattle, hogs, or sheep	64	(X)	64	(X)	47	(X)	40	(X)
Sales:								
Any livestock or poultry and their products $1,000	68	1 396	65	925	50	1 286	42	804
Any cattle, hogs, or sheep $1,000	63	(D)	61	(NA)	49	(D)	42	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	62	3 132	62	2 786	47	2 814	38	2 350
Cows and heifers that had calved	50	1 490	54	1 294	41	1 343	37	1 024
Beef cows	28	675	23	424	19	577	10	223
Milk cows	28	815	33	870	25	766	28	801
Heifers and heifer calves	56	1 241	(NA)	(NA)	45	1 120	32	854
Steers, steer calves, bulls and bull calves	44	401	(NA)	(NA)	33	351	29	472
Sales:								
Cattle and calves	61	1 357	54	997	49	1 207	40	730
$1,000	(X)	404	(X)	(NA)	(X)	366	(X)	134
Calves	41	645	(NA)	(NA)	38	570	30	326
$1,000	(X)	111	(X)	(NA)	(X)	102	(X)	19
Cattle	54	712	(NA)	(NA)	44	637	34	404
$1,000	(X)	293	(X)	(NA)	(X)	264	(X)	116
Fattened cattle	10	36	(NA)	(NA)	5	28	6	27
$1,000	(X)	21	(X)	(NA)	(X)	17	(X)	9
Dairy products $1,000	26	947	(NA)	(NA)	25	(D)	27	611
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	16	77	14	153	10	39	9	120
Used or to be used for breeding	5	20	(NA)	(NA)	2	(D)	6	27
Other hogs and pigs	14	57	(NA)	(NA)	9	(D)	8	93
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	5	19	10	30	2	(D)	6	23
Dec. 1 of preceding year and May 31	5	10	7	16	2	(D)	6	(D)
June 1 and Nov. 30	4	9	9	14	2	(D)	5	(D)
Sheep and lambs	3	(D)	5	138	2	(D)	1	(D)
Ewes 1 year old or older	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	2	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	19	43	9	17	9	19	6	12
Sales:								
Hogs and pigs	7	133	9	179	4	(D)	5	150
$1,000	(X)	5	(X)	(NA)	(X)	4	(X)	6
Feeder pigs	3	76	9	137	1	(D)	5	110
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	3
Sheep and lambs	2	(D)	5	136	2	(D)	1	(D)
Sheep and lambs shorn	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	4	9	1	(D)	2	(D)	1	(D)
$1,000	(X)	3	(X)	(NA)	(X)	(D)	(X)	(Z)
POULTRY								
Inventory:								
Any poultry	15	(X)	18	(X)	7	(X)	8	(X)
Chickens 3 months old or older	14	573	18	(D)	7	254	8	(D)
Hens and pullets of laying age	14	(D)	18	(D)	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)	–	–	–	–
Broilers and other meat-type chickens	4	275	1	(D)	1	(D)	1	(D)
Turkeys	4	29	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	4	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	2	(X)	–	(X)
Sales:								
Any poultry	4	(X)	5	(X)	2	(X)	1	(X)
Chickens 3 months old or older	2	(D)	5	2 569	1	(D)	1	(D)
Hens and pullets of laying age	2	(D)	5	2 569	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)	–	–	–	–	–	–
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	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	8	(D)	11	(D)	4	(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	14	424	(X)	–	–	12	(D)	(X)	–	–
	1974	8	142	(X)	(NA)	(NA)	7	(D)	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	13	(D)	3 524	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	(D)	1 150	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(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	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	22	414	18 929	–	–	18	388	18 150	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	997	51 585	–	–
Barley for grain (bushels)	1978	15	367	10 936	–	–	13	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	95	4 121	–	–
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	4	600	–	–	2	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	83	7 038	12 690	–	–	59	6 131	11 255	–	–
	1974	69	5 395	10 764	(NA)	(NA)	45	4 640	9 363	1	(D)
Alfalfa hay (tons, dry)	1978	68	4 699	8 827	–	–	48	4 055	7 727	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	2 747	5 951	–	–
Other tame dry hay (tons, dry) (see text)	1978	19	1 171	2 226	–	–	15	973	1 951	–	–
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	2	(X)	1	(D)	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	3	1	(X)	1	(D)	–	–	(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	2	(D)	(X)	1	(D)	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	–	–	–	(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	3	29	(X)	3	29	3	29	(X)	3	29
	1974	4	33	(X)	(NA)	(NA)	4	33	(X)	4	33
Strawberries (pounds)	1978	3	29	58 019	3	29	3	29	58 019	3	29
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	33	84 202	4	33
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	1 923	261 199	2 044	259 515	1 484	237 953	1 454	225 841
Average size of farm	(X)	136	(X)	127	(X)	160	(X)	155
Approximate land area	(X)	528 640	(X)	528 640	(X)	528 640	(X)	528 640
Proportion in farms — percent	(X)	49.4	(X)	49.1	(X)	45.0	(X)	42.7
Value of land and buildings:[1]								
Average per farm — dollars	143 181	(X)	72 065	(X)	165 984	(X)	87 171	(X)
Average per acre — dollars	(X)	1 028	(X)	568	(X)	1 025	(X)	561
Land in farms according to use:								
Total cropland	1 878	205 331	2 001	196 308	1 457	191 369	1 427	176 320
Harvested cropland	1 782	161 725	1 932	155 774	1 399	154 991	1 403	145 849
By acres harvested:								
1 to 9 acres	215	1 111	185	(NA)	93	464	44	(NA)
10 to 19 acres	223	3 052	241	(NA)	107	1 455	83	(NA)
20 to 29 acres	198	4 640	263	(NA)	117	2 816	129	(NA)
30 to 49 acres	305	11 504	342	(NA)	253	9 703	262	(NA)
50 to 99 acres	360	25 150	455	(NA)	350	(D)	439	(NA)
100 to 199 acres	256	34 299	250	(NA)	254	(D)	250	(NA)
200 to 499 acres	189	56 137	173	(NA)	189	56 137	173	(NA)
500 to 999 acres	31	20 177	20	(NA)	31	20 177	20	(NA)
1,000 acres or more	5	5 655	3	(NA)	5	5 655	3	(NA)
Cropland used only for pasture	594	13 887	770	19 778	452	11 226	512	15 343
Other cropland	1 054	29 719	789	20 756	829	25 152	531	15 128
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	301	6 123	(NA)	(NA)	226	5 151	155	3 209
Cropland on which all crops failed	159	3 690	(NA)	(NA)	116	3 057	71	981
Cropland in cultivated summer fallow	206	5 043	(NA)	(NA)	178	4 703	184	4 407
Cropland idle	660	14 863	(NA)	(NA)	527	12 241	274	6 531
Total woodland	948	27 653	957	29 041	728	22 874	684	23 413
Woodland pastured	231	5 303	(NA)	(NA)	187	4 574	199	5 818
Woodland not pastured	803	22 350	(NA)	(NA)	610	18 300	552	17 595
Other land	1 533	28 215	1 676	34 166	1 177	23 710	1 213	26 108
Pastureland and rangeland, other than cropland and woodland pastured	222	6 004	(NA)	(NA)	172	5 247	212	6 320
Land in house lots, ponds, roads, wasteland, etc	1 505	22 211	(NA)	(NA)	1 154	18 463	1 179	19 788
Pastureland, all types	831	25 194	(NA)	(NA)	630	21 047	(NA)	27 481
Irrigated land	119	4 542	89	3 620	112	4 473	79	3 063
Harvested cropland irrigated	114	4 372	(NA)	(NA)	107	4 303	79	(D)
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	11	(D)	(NA)	(NA)	11	(D)	1	(D)
Land set aside in the federal farm programs in 1978	426	7 446	(X)	(X)	374	7 162	(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]	1 923	78 633	2 044	56 140	1 484	78 112	1 454	55 404
Average per farm — dollars	(X)	40 891	(X)	27 466	(X)	52 636	(X)	38 105
Farms by value of agricultural products sold:[1]								
$100,000 or more	195	46 718	110	(NA)	195	46 718	110	(NA)
$40,000 to $99,999	278	18 266	232	(NA)	278	18 266	232	(NA)
$20,000 to $39,999	241	6 888	259	(NA)	241	6 888	259	(NA)
$10,000 to $19,999	241	3 400	282	(NA)	241	3 400	282	(NA)
$5,000 to $9,999	270	1 913	274	(NA)	270	1 913	274	(NA)
$2,500 to $4,999	259	927	273	(NA)	259	927	273	(NA)
Less than $2,500 (see text)	438	(D)	613	(NA)	(X)	(X)	24	(NA)
$2,000 to $2,499	89	198	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	79	136	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	103	125	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	167	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	1 400	28 234	1 686	22 807	1 145	27 924	(NA)	22 302
Grains	943	8 569	(NA)	(NA)	812	8 418	948	6 486
Commodity Credit Corporation loans	96	1 251	(NA)	(NA)	91	1 248	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	454	1 557	(NA)	(NA)	353	(D)	371	970
Vegetables, sweet corn, and melons	133	3 377	(NA)	(NA)	111	3 353	90	3 549
Fruits, nuts, and berries	248	6 542	(NA)	(NA)	213	6 506	209	5 038
Nursery and greenhouse products	45	7 042	41	4 761	40	7 037	32	4 752
Other crops	19	1 148	(NA)	(NA)	17	(D)	18	1 508
Livestock, poultry, and their products	1 165	50 399	1 254	32 962	980	50 189	992	32 735
Poultry and poultry products	137	9 514	186	9 096	115	9 508	151	9 088
Dairy products	303	18 451	(NA)	(NA)	303	18 451	340	11 795
Cattle and calves	788	9 917	(NA)	(NA)	683	9 798	747	6 387
Hogs and pigs	456	12 197	(NA)	(NA)	405	12 154	357	5 296
Sheep, lambs, and wool	55	70	(NA)	(NA)	37	58	37	65
Other livestock and livestock products (see text)	95	249	(NA)	(NA)	58	219	39	104

[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	1 923	2 044	261 199	1 782	256 069	161 725	119	22 293	12 928	4 542
Farms with—										
1 to 9 acres	71	51	320	37	192	129	2	(D)	(D)	(D)
10 to 49 acres	519	494	16 016	440	13 958	7 481	33	1 065	471	323
50 to 69 acres	205	238	11 966	193	11 287	6 014	8	482	136	104
70 to 99 acres	317	396	25 772	311	25 265	13 436	18	1 446	722	404
100 to 139 acres	230	279	26 581	226	26 145	14 564	14	1 602	687	417
140 to 179 acres	156	173	24 418	153	23 968	14 582	9	1 396	766	383
180 to 219 acres	85	106	16 752	85	16 752	9 936	8	1 574	828	440
220 to 259 acres	64	81	15 272	63	15 032	10 376	2	(D)	(D)	(D)
260 to 499 acres	205	175	70 038	203	69 406	47 812	13	4 368	2 457	928
500 to 999 acres	58	41	37 349	58	37 349	25 709	9	6 021	3 817	854
1,000 to 1,999 acres	12	10	(D)	12	(D)	(D)	3	3 851	2 700	600
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 923	261 199	2 044	259 515	1 484	237 953	1 454	225 841
Harvested cropland	1 782	161 725	1 932	155 774	1 399	154 991	1 403	145 849
Tenure of operator:								
Full owners	1 248	107 108	1 447	128 445	867	87 921	919	98 205
Harvested cropland	1 125	54 728	(NA)	63 421	791	49 212	(NA)	54 821
Part owners	580	143 734	533	121 746	539	140 223	481	118 600
Harvested cropland	571	99 819	(NA)	85 739	533	98 836	(NA)	84 570
Tenants	95	10 357	64	9 324	78	9 809	54	9 036
Harvested cropland	86	7 178	(NA)	6 614	75	6 943	(NA)	6 458
Type of organization:								
Individual or family	1 702	201 870	(NA)	(NA)	1 289	180 881	1 332	187 876
Partnership	185	50 371	(NA)	(NA)	163	49 075	102	31 749
Corporation	31	8 333	(NA)	(NA)	30	(D)	19	(D)
Other—cooperative, estate or trust, institutional, etc.	5	625	(NA)	(NA)	2	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974		1978	[1]1974	1978	[1]1974
Operators by principal occupation:					Operators by place of residence:				
Farming	973	1 094	884	935	On farm operated	1 573	1 587	1 221	1 155
Other	950	929	600	499	Not on farm operated	185	166	140	96
Operators by age group:					Not reported	165	270	123	183
Under 25 years	44	55	38	39	Operators reporting days of work off farm:				
25 to 34 years	262	257	205	157	None	675	646	592	530
35 to 44 years	419	386	311	266	1 to 49 days	110	99	95	69
45 to 54 years	453	478	358	366	50 to 99 days	74	52	63	37
55 to 64 years	469	495	373	368	100 to 149 days	64	47	54	35
65 years and over	276	352	199	238	150 to 199 days	105	94	87	60
Average age	49.5	50.5	49.4	50.7	200 days or more	808	790	515	448

[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	767	8 767	897	5 606	660	8 687	627	5 492
Feed for livestock and poultry	1 125	13 127	1 240	10 089	923	12 971	894	9 941
Commercially mixed formula feeds	639	8 602	874	8 138	573	8 567	660	8 061
Animal health costs	981	594	(NA)	(NA)	816	569	629	259
Seeds, bulbs, plants, and trees	1 533	2 176	1 534	1 310	1 281	2 127	1 201	1 270
Commercial fertilizer	1 637	5 075	1 660	3 451	1 355	4 938	1 270	3 346
Other agricultural chemicals including lime	1 585	2 333	1 214	1 512	1 336	2 267	1 009	1 486
Hired farm labor	786	6 250	709	5 063	731	6 161	607	5 016
Contract labor	141	347	58	86	124	342	39	81
Customwork, machine hire, and rental of machinery and equipment	872	894	873	634	763	842	690	596
Energy and petroleum products	1 922	4 777	(NA)	(NA)	1 477	4 618	(NA)	(NA)
Petroleum products	1 922	3 342	1 957	2 190	1 477	3 215	1 390	2 066
Gasoline	1 801	1 469	(NA)	(NA)	1 430	1 378	1 341	1 123
Diesel fuel	963	723	(NA)	(NA)	838	707	583	369
LP gas, butane, and propane	240	360	(NA)	(NA)	234	360	175	166
Fuel oil	205	511	(NA)	(NA)	188	508		
Natural gas	56	74	(NA)	(NA)	55	(D)	1 389	408
Kerosene, motor oil, and grease	1 922	205	(NA)	(NA)	1 477	(D)		
Electricity	1 469	1 425	(NA)	(NA)	1 247	1 394	(NA)	(NA)
Other—coal, wood, coke, etc.	30	10	(NA)	(NA)	30	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	1 595	142 431	1 325	137 287	1 270	110 149
Cropland fertilized, except pasture	1 595	141 501	1 325	136 717	(NA)	109 280
Pasture and rangeland fertilized	38	930	32	570	(NA)	869
Lime	387	9 850	323	8 951	212	8 448
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	744	48 865	661	47 877	(NA)	35 515
Nematodes in crops	88	7 007	81	6 961	5	179
Diseases in crops and orchards	331	14 795	281	14 148	125	7 870
Weeds, grass, or brush in crops and pasture	1 131	89 989	965	86 554	(NA)	56 242
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	92	2 484	68	2 424	31	2 538
Insect control on livestock and poultry	468	(X)	411	(X)	121	(X)
Sanitation and rodent and bird control	350	(X)	321	(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	1 916	1 960	1 477	1 384
$1,000	56 528	38 892	51 889	33 807
Average per farm—dollars	29 503	19 843	35 131	24 427
Farms by value group:				
$1 to $4,999	191	331	97	153
$5,000 to $9,999	388	496	162	252
$10,000 to $19,999	476	449	405	339

	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	229	298	222	263
$30,000 to $49,999	285	232	263	228
$50,000 to $69,999	135	79	117	79
$70,000 to $99,999	108	75	108	70
$100,000 to $199,999	80		79	
$200,000 or more	24		24	

	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	1 367	1 992	887	1 086	686	906	1 640	2 234	1 249
Motortrucks including pickups	1 640	2 399	946	1 064	954	1 335	1 612	2 253	942
Wheel tractors	1 841	4 706	443	653	1 764	4 053	1 829	4 279	655
Grain and bean combines, self-propelled only	325	330	78	78	248	252	232	240	53
Corn heads for combines	246	249	93	94	154	155	170	179	67
Other cornpickers and picker-shellers	783	823	102	103	683	720	788	828	145
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	591	649	220	225	378	424	511	538	168
Pickup balers	690	708	179	188	515	520	732	739	133
Field forage harvesters, shear bar or flywheel type	345	419	123	135	237	284	346	381	125

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	786	276	(X)	692	(X)	731	607
Workers	7 249	(X)	912	(X)	6 337	6 992	7 248
Farms with—							
1 worker	166	114	114	147	147	160	168
2 workers	124	74	148	122	244	112	75
3 or 4 workers	174	63	206	123	434	149	81
5 to 9 workers	137	22	128	126	756	132	114
10 workers or more	185	3	316	174	4 756	178	169

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	1 255	(X)	1 344	(X)	997	(X)	1 003	(X)
Any cattle, hogs, or sheep	1 086	(X)	1 173	(X)	898	(X)	903	(X)
Sales:								
Any livestock or poultry and their products $1,000	1 165	50 399	1 254	32 962	980	50 189	992	32 735
Any cattle, hogs, or sheep $1,000	1 057	22 185	1 122	(NA)	906	22 010	908	11 748
CATTLE AND CALVES								
Inventory:								
Cattle and calves	845	46 410	1 007	45 263	692	45 125	777	43 021
Cows and heifers that had calved	581	18 688	674	17 868	478	18 243	537	16 975
Beef cows	261	3 141	313	3 950	174	2 737	196	3 180
Milk cows	362	15 547	415	13 918	335	15 506	375	13 795
Heifers and heifer calves	611	15 571	(NA)	(NA)	513	15 245	481	11 797
Steers, steer calves, bulls and bull calves	685	12 151	(NA)	(NA)	559	11 637	605	14 249
Sales:								
Cattle and calves	788	28 409	906	23 694	683	27 960	747	22 990
$1,000	(X)	9 917	(X)	(NA)	(X)	9 798	(X)	6 387
Calves	400	12 182	(NA)	(NA)	359	11 984	375	5 811
$1,000	(X)	2 086	(X)	(NA)	(X)	2 056	(X)	520
Cattle	702	16 227	(NA)	(NA)	613	15 976	670	17 179
$1,000	(X)	7 831	(X)	(NA)	(X)	7 742	(X)	5 867
Fattened cattle	334	8 726	(NA)	(NA)	286	8 606	272	10 653
$1,000	(X)	4 297	(X)	(NA)	(X)	4 250	(X)	3 952
Dairy products $1,000	303	18 451	(NA)	(NA)	303	18 451	340	11 795
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	446	79 425	408	43 023	388	78 581	339	42 261
Used or to be used for breeding	295	8 765	(NA)	(NA)	259	8 476	190	4 439
Other hogs and pigs	411	70 660	(NA)	(NA)	361	70 105	322	37 822
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	304	11 371	252	6 601	265	11 238	210	6 470
Dec. 1 of preceding year and May 31	261	5 579	202	3 188	229	5 509	184	3 144
June 1 and Nov. 30	264	5 792	210	3 413	239	5 729	178	3 326
Sheep and lambs	55	2 548	67	3 275	38	1 900	45	2 729
Ewes 1 year old or older	45	1 664	(NA)	(NA)	29	1 398	36	1 806
Goats	16	147	(NA)	(NA)	7	18	2	(D)
Horses and ponies	283	1 374	311	1 447	182	704	161	917
Sales:								
Hogs and pigs	456	131 915	422	80 283	405	131 256	357	79 338
$1,000	(X)	12 197	(X)	(NA)	(X)	12 154	(X)	5 296
Feeder pigs	140	20 376	129	16 729	116	20 094	104	16 218
$1,000	(X)	1 014	(X)	(NA)	(X)	1 001	(X)	373
Sheep and lambs	51	1 426	59	2 530	35	1 130	36	2 104
Sheep and lambs shorn	47	2 004	(NA)	(NA)	34	1 689	33	2 314
Pounds of wool	(X)	16 073	(X)	(NA)	(X)	13 489	(X)	18 459
Sheep, lambs, and wool $1,000	55	70	(NA)	(NA)	37	58	37	65
Goats	6	28	(NA)	(NA)	4	(D)	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	66	170	54	336	38	101	30	262
$1,000	(X)	108	(X)	(NA)	(X)	83	(X)	77
POULTRY								
Inventory:								
Any poultry	238	(X)	307	(X)	164	(X)	203	(X)
Chickens 3 months old or older	186	990 726	286	1 110 464	124	988 118	186	1 107 148
Hens and pullets of laying age	177	797 612	253	799 776	117	795 441	159	796 776
Pullets 3 months old or older	32	193 114	(NA)	(NA)	20	192 677	29	309 389
Pullet chicks and pullets under 3 months old	10	135 180	(NA)	(NA)	8	(D)	6	62 900
Broilers and other meat-type chickens	44	44 394	37	5 413	26	43 748	23	4 498
Turkeys	15	83 083	(NA)	(NA)	8	83 066	7	17 177
Turkeys for slaughter	11	(D)	(NA)	(NA)	7	(D)	7	(D)
Turkey hens kept for breeding	6	(D)	(NA)	(NA)	2	(D)	1	(D)
Other poultry	65	(X)	(NA)	(X)	40	(X)	11	(X)
Sales:								
Any poultry	124	(X)	155	(X)	107	(X)	133	(X)
Chickens 3 months old or older	86	895 116	124	1 006 500	78	894 468	109	1 005 501
Hens and pullets of laying age	73	578 972	103	620 795	65	578 324	89	619 821
Pullets 3 months old or older	13	316 144	(NA)	(NA)	13	316 144	19	385 172
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	19	114 997	25	26 542	15	114 942	18	25 869
Turkeys	7	(D)	(NA)	(NA)	6	(D)	4	117 801
Turkeys for slaughter	7	(D)	(NA)	(NA)	6	(D)	4	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	2	(D)
Other poultry	10	(X)	(NA)	(X)	5	(X)	7	(X)
Poultry and poultry products $1,000	137	9 514	186	9 096	115	9 508	151	9 088

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	1 249	96 098	(X)	22	1 412	1 073	94 029	(X)	20	(D)
	1974	1 407	81 267	(X)	(NA)	(NA)	1 108	77 926	(X)	13	468
For grain or seed (bushels)	1978	1 228	85 238	6 681 507	22	(D)	1 060	83 292	6 585 006	20	(D)
	1974	1 349	65 378	3 745 329	(NA)	(NA)	1 062	62 261	3 604 765	12	(D)
For silage or green chop (tons, green)	1978	332	10 808	138 417	1	(D)	318	10 685	137 311	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	404	15 373	148 710	1	(D)
For fodder, hogged or grazed	1978	3	52	(X)	–	–	3	52	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	17	292	(X)	–	–
Sorghums for all purposes	1978	33	341	(X)	1	(D)	32	(D)	(X)	1	(D)
	1974	38	537	(X)	(NA)	(NA)	31	415	(X)	1	(D)
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	10	63	1 760	(NA)	(NA)	10	63	1 760	–	–
For silage or green chop (tons, green)	1978	32	(D)	2 829	1	(D)	31	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	326	1 514	–	–
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)	4	26	(X)	1	(D)
Wheat for grain (bushels)	1978	349	5 888	192 416	1	(D)	314	5 540	183 321	1	(D)
	1974	808	14 891	451 157	(NA)	(NA)	676	13 552	418 069	2	(D)
Oats for grain (bushels)	1978	414	6 742	350 108	–	–	376	6 415	335 723	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	350	5 051	249 525	1	(D)
Barley for grain (bushels)	1978	5	56	2 028	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	162	6 573	–	–
Rye for grain (bushels)	1978	29	367	10 125	–	–	27	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	243	5 877	–	–
Other small grains for grain	1978	13	162	(X)	–	–	13	162	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	46	511	(X)	–	–
Soybeans for beans (bushels)	1978	42	1 063	26 389	3	16	36	1 014	25 644	3	16
	1974	43	690	10 222	(NA)	(NA)	31	539	8 706	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	19	1 147	204 645	8	347	17	(D)	(D)	7	(D)
	1974	23	1 936	472 007	(NA)	(NA)	21	(D)	(D)	9	342
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	1 019	42 282	121 295	7	261	791	38 675	115 187	7	261
	1974	1 099	38 662	87 002	(NA)	(NA)	807	34 347	80 049	2	(D)
Alfalfa hay (tons, dry)	1978	804	28 798	93 219	6	236	633	26 234	88 649	6	236
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	578	20 658	54 015	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	260	4 333	8 954	–	–	205	3 607	7 786	–	–
Field seed crops	1978	24	261	(X)	–	–	20	209	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	63	867	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	21	218	23 326	–	–	17	166	16 668	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	62	807	55 169	–	–
All vegetables harvested for sale (see text)	1978	133	3 802	(X)	49	1 557	111	3 724	(X)	47	(D)
	1974	125	4 025	(X)	(NA)	(NA)	91	3 919	(X)	38	1 627
Sweet corn	1978	38	131	(X)	7	48	29	117	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	153	(X)	5	74
Tomatoes	1978	20	23	(X)	5	4	19	(D)	(X)	5	4
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	16	(X)	7	11
Green peas excluding cowpeas	1978	3	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	2	(X)	3	1
Land in orchards	1978	177	5 893	(X)	8	156	137	5 558	(X)	8	156
	1974	189	7 511	(X)	(NA)	(NA)	158	7 382	(X)	10	279
Apples (pounds)	1978	134	2 745	26 086 063	(NA)	(NA)	108	2 590	26 018 923	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3 210	32 599 237	(NA)	(NA)
Peaches (pounds)	1978	86	961	5 027 656	(NA)	(NA)	70	921	5 000 591	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 102	6 174 619	(NA)	(NA)
Grapes (pounds) (see text)	1978	29	209	850 283	(NA)	(NA)	18	193	825 133	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	142	772 000	(NA)	(NA)
Berries	1978	137	1 798	(X)	28	454	115	1 760	(X)	26	(D)
	1974	109	1 517	(X)	(NA)	(NA)	76	1 439	(X)	10	160
Strawberries (pounds)	1978	22	32	147 550	10	20	17	26	140 058	8	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	40	180 851	5	13
Nursery and greenhouse products	1978	45	747	(X)	24	169	40	730	(X)	22	(D)
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	450	79 758	487	80 646	294	64 673	252	55 874
Average size of farm	(X)	177	(X)	166	(X)	220	(X)	222
Approximate land area	(X)	361 600	(X)	361 600	(X)	361 600	(X)	361 600
Proportion in farms — percent	(X)	22.1	(X)	22.3	(X)	17.9	(X)	15.5
Value of land and buildings:[1]								
Average per farm — dollars	72 313	(X)	52 994	(X)	81 495	(X)	68 341	(X)
Average per acre — dollars	(X)	448	(X)	320	(X)	418	(X)	308
Land in farms according to use:								
Total cropland	440	49 759	477	46 148	292	42 559	247	35 085
Harvested cropland	425	33 241	445	27 681	282	29 392	239	22 224
By acres harvested:								
1 to 9 acres	24	114	36	(NA)	7	39	2	(NA)
10 to 19 acres	54	756	55	(NA)	15	242	10	(NA)
20 to 29 acres	48	1 157	64	(NA)	19	448	12	(NA)
30 to 49 acres	97	3 572	96	(NA)	58	2 171	48	(NA)
50 to 99 acres	105	6 984	115	(NA)	86	5 834	88	(NA)
100 to 199 acres	65	9 063	61	(NA)	65	9 063	61	(NA)
200 to 499 acres	30	(D)	16	(NA)	30	(D)	16	(NA)
500 to 999 acres	1	(D)	2	(NA)	1	(D)	2	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	225	9 257	299	13 389	158	7 668	169	9 340
Other cropland	239	7 261	184	5 078	166	5 499	106	3 521
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	67	1 275	(NA)	(NA)	43	951	15	285
Cropland on which all crops failed	56	962	(NA)	(NA)	36	774	21	401
Cropland in cultivated summer fallow	106	2 188	(NA)	(NA)	78	1 737	73	1 649
Cropland idle	115	2 836	(NA)	(NA)	84	2 037	38	1 186
Total woodland	343	23 046	358	24 208	229	17 394	183	14 196
Woodland pastured	138	7 347	(NA)	(NA)	100	5 654	105	6 298
Woodland not pastured	267	15 699	(NA)	(NA)	177	11 740	124	7 898
Other land	314	6 953	361	10 290	201	4 720	197	6 593
Pastureland and rangeland, other than cropland and woodland pastured	49	2 520	(NA)	(NA)	32	1 436	43	2 826
Land in house lots, ponds, roads, wasteland, etc	301	4 433	(NA)	(NA)	196	3 284	190	3 767
Pastureland, all types	293	19 124	(NA)	(NA)	203	14 758	(NA)	18 464
Irrigated land	17	168	12	101	17	168	8	67
Harvested cropland irrigated	17	(D)	(NA)	(NA)	17	(D)	8	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Land set aside in the federal farm programs in 1978	105	1 024	(X)	(X)	88	917	(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]	450	6 935	487	4 453	294	6 771	252	4 166
Average per farm — dollars	(X)	15 412	(X)	9 144	(X)	23 031	(X)	16 532
Farms by value of agricultural products sold:[1]								
$100,000 or more	11	1 731	2	(NA)	11	1 731	2	(NA)
$40,000 to $99,999	36	2 559	28	(NA)	36	2 559	28	(NA)
$20,000 to $39,999	32	904	30	(NA)	32	904	30	(NA)
$10,000 to $19,999	54	748	46	(NA)	54	748	46	(NA)
$5,000 to $9,999	80	530	75	(NA)	80	530	75	(NA)
$2,500 to $4,999	81	298	67	(NA)	81	298	67	(NA)
Less than $2,500 (see text)	156	164	239	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	16	36	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	28	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	43	53	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	69	27	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	265	1 683	315	947	187	1 603	(NA)	827
Grains	162	716	(NA)	(NA)	130	688	128	328
Commodity Credit Corporation loans	15	56	(NA)	(NA)	13	(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	168	518	(NA)	(NA)	114	469	106	250
Vegetables, sweet corn, and melons	12	51	(NA)	(NA)	10	(D)	8	35
Fruits, nuts, and berries	35	375	(NA)	(NA)	30	(D)	21	204
Nursery and greenhouse products	–	–	2	(D)	–	–	–	–
Other crops	4	24	(NA)	(NA)	4	24	4	11
Livestock, poultry, and their products	286	5 252	380	3 490	213	5 168	217	3 326
Poultry and poultry products	31	237	34	223	21	235	20	221
Dairy products	70	3 102	(NA)	(NA)	65	3 100	76	2 079
Cattle and calves	242	1 676	(NA)	(NA)	183	1 607	205	826
Hogs and pigs	33	193	(NA)	(NA)	29	190	20	184
Sheep, lambs, and wool	14	12	(NA)	(NA)	9	9	6	10
Other livestock and livestock products (see text)	25	32	(NA)	(NA)	17	27	6	7

[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	450	487	79 758	425	77 663	33 241	17	2 924	723	168
Farms with—										
1 to 9 acres	4	9	13	2	(D)	(D)	–	–	–	–
10 to 49 acres	55	57	1 852	47	(D)	(D)	–	–	–	–
50 to 69 acres	27	15	1 650	24	1 470	589	2	(D)	(D)	(D)
70 to 99 acres	82	91	6 632	80	6 472	2 768	3	240	79	18
100 to 139 acres	72	76	8 374	66	7 671	2 657	4	425	75	52
140 to 179 acres	52	77	8 082	51	7 922	3 147	1	(D)	(D)	(D)
180 to 219 acres	36	47	7 118	34	6 730	2 522	1	(D)	(D)	(D)
220 to 259 acres	29	29	6 883	29	6 883	2 801	3	699	196	22
260 to 499 acres	72	71	24 844	71	24 573	10 698	2	(D)	(D)	(D)
500 to 999 acres	18	14	10 718	18	10 718	4 832	1	(D)	(D)	(D)
1,000 to 1,999 acres	3	1	3 592	3	3 592	2 472	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	450	79 758	487	80 646	294	64 673	252	55 874
Harvested cropland	425	33 241	445	27 681	282	29 392	239	22 224
Tenure of operator:								
Full owners	333	46 205	389	52 892	191	32 259	170	31 338
Harvested cropland	309	14 983	(NA)	15 839	179	(D)	(NA)	10 985
Part owners	111	32 955	89	26 374	98	(D)	73	23 156
Harvested cropland	110	17 901	(NA)	10 982	98	17 514	(NA)	10 379
Tenants	6	598	9	1 380	5	(D)	9	1 380
Harvested cropland	6	357	(NA)	860	5	(D)	(NA)	860
Type of organization:								
Individual or family	423	72 922	(NA)	(NA)	270	58 722	247	54 286
Partnership	24	6 571	(NA)	(NA)	21	5 686	5	1 588
Corporation	3	265	(NA)	(NA)	3	265	–	–
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	182	243	154	173
Other	268	244	140	79
Operators by age group:				
Under 25 years	8	5	7	4
25 to 34 years	54	45	30	19
35 to 44 years	102	115	69	68
45 to 54 years	106	127	71	64
55 to 64 years	113	113	77	62
65 years and over	67	82	40	35
Average age	50.1	51.1	49.7	50.6
Operators by place of residence:				
On farm operated	361	383	246	204
Not on farm operated	43	37	22	10
Not reported	46	67	26	38
Operators reporting days of work off farm:				
None	143	124	105	73
1 to 49 days	33	24	30	17
50 to 99 days	10	9	8	4
100 to 149 days	13	15	9	8
150 to 199 days	34	65	22	36
200 days or more	204	184	109	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	177	399	221	567	131	384	116	488
Feed for livestock and poultry	265	1 013	311	822	198	974	167	777
Commercially mixed formula feeds	87	744	187	473	72	740	109	462
Animal health costs	221	54	(NA)	(NA)	175	52	153	38
Seeds, bulbs, plants, and trees	258	191	240	106	174	177	149	98
Commercial fertilizer	303	387	304	227	220	359	187	198
Other agricultural chemicals including lime	130	111	155	45	100	100	117	43
Hired farm labor	131	292	133	140	111	282	88	135
Contract labor	7	19	6	12	7	19	2	(D)
Customwork, machine hire, and rental of machinery and equipment	153	78	180	49	103	58	108	38
Energy and petroleum products	441	505	(NA)	(NA)	295	443	(NA)	(NA)
Petroleum products	441	360	463	316	295	310	245	250
Gasoline	418	191	(NA)	(NA)	272	154	241	172
Diesel fuel	179	115	(NA)	(NA)	146	111	124	49
LP gas, butane, and propane	43	(D)	(NA)	(NA)	37	(D)	21	6
Fuel oil	61	16	(NA)	(NA)	31	12	245	22
Natural gas	1	(D)	(NA)	(NA)	1	(D)		
Kerosene, motor oil, and grease	441	26	(NA)	(NA)	295	21		
Electricity	310	136	(NA)	(NA)	201	125	(NA)	(NA)
Other—coal, wood, coke, etc.	17	8	(NA)	(NA)	17	8	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	303	16 788	220	15 323	187	9 302
Cropland fertilized, except pasture	303	15 328	220	13 863	(NA)	8 804
Pasture and rangeland fertilized	35	1 460	35	1 460	(NA)	498
Lime	10	350	10	350	7	91
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	65	4 111	50	3 961	(NA)	1 988
Nematodes in crops	10	185	10	185	–	–
Diseases in crops and orchards	18	550	3	420	7	118
Weeds, grass, or brush in crops and pasture	93	6 556	83	6 401	(NA)	2 952
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	60	(X)	55	(X)	17	(X)
Sanitation and rodent and bird control	42	(X)	32	(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	446	462	295	241
$1,000	8 934	7 015	7 800	5 038
Average per farm—dollars	20 031	15 184	26 440	20 905
Farms by value group:				
$1 to $4,999	37	94	11	27
$5,000 to $9,999	159	122	72	39
$10,000 to $19,999	83	128	51	73

ALL MACHINERY AND EQUIPMENT—Con.	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	82	62	77	48
$30,000 to $49,999	52	41	51	39
$50,000 to $69,999	10	10	10	10
$70,000 to $99,999	11	5	11	5
$100,000 to $199,999	11		11	
$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	336	466	186	206	188	260	371	481	243
Motortrucks including pickups	341	401	181	190	186	211	367	434	185
Wheel tractors	384	859	84	110	356	749	429	894	93
Grain and bean combines, self-propelled only	63	64	7	8	56	56	73	73	7
Corn heads for combines	13	13	1	(D)	12	(D)	7	7	–
Other cornpickers and picker-shellers	68	69	2	(D)	66	(D)	34	34	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	164	165	23	24	141	141	159	160	38
Pickup balers	197	200	12	12	186	188	242	246	35
Field forage harvesters, shear bar or flywheel type	56	59	11	11	46	48	70	75	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	131	16	(X)	122	(X)	111	88
Workers	607	(X)	43	(X)	564	577	580
Farms with—							
1 worker	57	1	(D)	57	57	47	23
2 workers	38	8	16	33	66	28	22
3 or 4 workers	17	5	16	16	56	17	14
5 to 9 workers	8	2	(D)	8	56	8	20
10 workers or more	11	–	–	8	329	11	9

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	300	(X)	390	(X)	210	(X)	213	(X)
Any cattle, hogs, or sheep	267	(X)	369	(X)	191	(X)	206	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	286	5 252	380	3 490	213	5 168	217	3 326
Any cattle, hogs, or sheep ... $1,000	263	1 881	369	(NA)	198	1 806	211	1 020
CATTLE AND CALVES								
Inventory:								
Cattle and calves	251	9 184	355	14 781	180	8 266	199	11 892
Cows and heifers that had calved	208	4 395	284	6 314	149	4 051	160	5 082
Beef cows	131	1 700	197	3 269	88	1 417	88	2 147
Milk cows	94	2 695	108	3 045	71	2 634	81	2 935
Heifers and heifer calves	196	2 557	(NA)	(NA)	141	2 276	157	3 111
Steers, steer calves, bulls and bull calves	212	2 232	(NA)	(NA)	155	1 939	185	3 699
Sales:								
Cattle and calves	242	4 944	346	5 146	183	4 660	205	4 272
$1,000	(X)	1 676	(X)	(NA)	(X)	1 607	(X)	826
Calves	122	1 529	(NA)	(NA)	86	1 396	99	1 654
$1,000	(X)	249	(X)	(NA)	(X)	221	(X)	157
Cattle	209	3 415	(NA)	(NA)	167	3 264	182	2 618
$1,000	(X)	1 427	(X)	(NA)	(X)	1 386	(X)	669
Fattened cattle	60	831	(NA)	(NA)	48	802	35	424
$1,000	(X)	377	(X)	(NA)	(X)	368	(X)	164
Dairy products ... $1,000	70	3 102	(NA)	(NA)	65	3 100	76	2 079
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	51	1 520	55	2 004	39	1 410	28	1 866
Used or to be used for breeding	25	498	(NA)	(NA)	20	473	12	210
Other hogs and pigs	48	1 022	(NA)	(NA)	38	937	28	1 656
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	496	29	430	20	483	14	392
Dec. 1 of preceding year and May 31	25	254	21	226	20	244	11	204
June 1 and Nov. 30	22	242	18	204	19	239	12	188
Sheep and lambs	12	286	16	675	8	196	6	401
Ewes 1 year old or older	12	190	(NA)	(NA)	8	136	6	336
Goats	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Horses and ponies	69	392	79	362	36	253	34	176
Sales:								
Hogs and pigs	33	2 693	44	3 863	29	2 617	20	3 566
$1,000	(X)	193	(X)	(NA)	(X)	190	(X)	184
Feeder pigs	15	1 490	17	1 880	13	(D)	7	1 759
$1,000	(X)	73	(X)	(NA)	(X)	(D)	(X)	34
Sheep and lambs	14	214	11	571	9	153	6	301
Sheep and lambs shorn	9	218	(NA)	(NA)	4	133	6	268
Pounds of wool	(X)	1 743	(X)	(NA)	(X)	1 068	(X)	1 843
Sheep, lambs, and wool ... $1,000	14	12	(NA)	(NA)	9	9	6	10
Goats	3	9	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	19	37	10	29	12	27	5	19
$1,000	(X)	27	(X)	(NA)	(X)	(D)	(X)	7
POULTRY								
Inventory:								
Any poultry	78	(X)	109	(X)	49	(X)	46	(X)
Chickens 3 months old or older	70	28 026	106	27 578	46	27 275	43	25 377
Hens and pullets of laying age	68	27 643	106	26 095	44	27 039	43	(D)
Pullets 3 months old or older	11	383	(NA)	(NA)	6	236	2	(D)
Pullet chicks and pullets under 3 months old	4	91	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	18	983	10	286	12	521	6	220
Turkeys	3	10	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	21	(X)	(NA)	(X)	8	(X)	7	(X)
Sales:								
Any poultry	20	(X)	18	(X)	14	(X)	9	(X)
Chickens 3 months old or older	11	(D)	15	19 242	8	(D)	8	18 847
Hens and pullets of laying age	11	(D)	14	18 757	8	(D)	7	18 362
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	6	2 845	4	234	4	(D)	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products ... $1,000	31	237	34	223	21	235	20	221

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	156	6 425	(X)	1	(D)	134	6 258	(X)	1	(D)
	1974	151	4 779	(X)	(NA)	(NA)	115	4 471	(X)	–	–
For grain or seed (bushels)	1978	114	4 108	241 784	1	(D)	98	4 000	236 945	1	(D)
	1974	81	1 960	93 017	(NA)	(NA)	66	1 824	88 097	–	–
For silage or green chop (tons, green)	1978	71	2 317	27 223	–	–	65	2 258	26 886	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	85	2 577	22 974	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	70	(X)	–	–
Sorghums for all purposes	1978	3	24	(X)	–	–	3	24	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	24	105	–	–	3	24	105	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(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	77	998	28 580	–	–	60	830	24 975	–	–
	1974	134	1 558	53 394	(NA)	(NA)	94	1 307	44 877	–	–
Oats for grain (bushels)	1978	243	6 897	326 014	–	–	188	6 196	298 404	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	154	3 491	194 133	–	–
Barley for grain (bushels)	1978	7	123	6 040	–	–	7	123	6 040	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	84	2 973	–	–
Rye for grain (bushels)	1978	6	38	1 105	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	78	3 096	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	5	397	8 555	–	–	5	397	8 555	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	6	(D)	6 012	–	–	6	(D)	6 012	–	–
	1974	13	42	3 195	(NA)	(NA)	7	39	2 901	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	361	17 657	32 856	–	–	242	14 826	28 952	–	–
	1974	398	16 317	31 470	(NA)	(NA)	215	12 197	26 066	–	–
Alfalfa hay (tons, dry)	1978	332	14 096	27 585	–	–	222	11 572	23 930	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	177	7 651	18 122	–	–
Other tame dry hay (tons, dry) (see text)	1978	38	1 344	2 139	–	–	29	1 209	2 016	–	–
Field seed crops	1978	6	183	(X)	–	–	6	183	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	145	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	5	180	12 395	–	–	5	180	12 395	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	145	8 450	–	–
All vegetables harvested for sale (see text)	1978	12	99	(X)	4	16	10	(D)	(X)	4	16
	1974	15	81	(X)	(NA)	(NA)	10	70	(X)	1	(Z)
Sweet corn	1978	9	51	(X)	3	9	7	(D)	(X)	3	9
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	55	(X)	–	–
Tomatoes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	1	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	18	125	(X)	–	–	6	(D)	(X)	–	–
	1974	16	44	(X)	(NA)	(NA)	8	37	(X)	–	–
Apples (pounds)	1978	16	97	(D)	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	34	43 500	(NA)	(NA)
Peaches (pounds)	1978	2	(D)	–	(NA)	(NA)	2	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	1	196	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	33	237	(X)	16	133	30	235	(X)	16	133
	1974	31	191	(X)	(NA)	(NA)	19	177	(X)	8	65
Strawberries (pounds)	1978	23	153	842 090	14	119	22	(D)	(D)	14	119
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	86	429 162	8	65
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
Other crops	1978	14	1 516	(X)	(NA)	(NA)	13	(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	268	63 734	250	53 444	193	54 316	191	45 352
Average size of farm	(X)	238	(X)	214	(X)	281	(X)	237
Approximate land area	(X)	304 640	(X)	304 640	(X)	304 640	(X)	304 640
Proportion in farms, percent	(X)	20.9	(X)	17.5	(X)	17.8	(X)	14.9
Value of land and buildings:[1]								
Average per farm, dollars	164 432	(X)	92 408	(X)	200 821	(X)	108 288	(X)
Average per acre, dollars	(X)	690	(X)	432	(X)	707	(X)	456
Land in farms according to use:								
Total cropland	255	39 424	243	29 729	182	35 042	184	26 818
Harvested cropland	246	25 470	236	19 654	179	23 596	181	18 513
By acres harvested:								
1 to 9 acres	25	138	24	(NA)	8	39	13	(NA)
10 to 19 acres	31	418	32	(NA)	16	209	16	(NA)
20 to 29 acres	23	556	28	(NA)	12	287	12	(NA)
30 to 49 acres	53	1 999	34	(NA)	36	1 346	24	(NA)
50 to 99 acres	39	2 772	63	(NA)	34	2 368	61	(NA)
100 to 199 acres	40	5 504	29	(NA)	38	(D)	29	(NA)
200 to 499 acres	26	7 657	21	(NA)	26	7 657	21	(NA)
500 to 999 acres	8	(D)	5	(NA)	8	5 156	5	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	101	5 754	100	4 183	78	4 896	76	3 372
Other cropland	142	8 200	118	5 892	107	6 550	92	4 933
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	63	2 930	(NA)	(NA)	49	2 513	21	1 349
Cropland on which all crops failed	26	837	(NA)	(NA)	21	643	6	94
Cropland in cultivated summer fallow	31	519	(NA)	(NA)	25	468	32	1 094
Cropland idle	87	3 914	(NA)	(NA)	64	2 926	51	2 396
Total woodland	196	17 789	187	14 350	142	13 962	140	11 778
Woodland pastured	60	4 051	(NA)	(NA)	48	3 361	52	3 932
Woodland not pastured	171	13 738	(NA)	(NA)	123	10 601	115	7 846
Other land	205	6 521	212	9 365	146	5 312	160	6 756
Pastureland and rangeland, other than cropland and woodland pastured	42	2 417	(NA)	(NA)	28	1 872	50	3 370
Land in house lots, ponds, roads, wasteland, etc	200	4 104	(NA)	(NA)	143	3 440	149	3 386
Pastureland, all types	135	12 222	(NA)	(NA)	100	10 129	(NA)	10 674
Irrigated land	25	2 003	10	665	21	1 960	7	652
Harvested cropland irrigated	25	(D)	(NA)	(NA)	21	1 960	7	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	–	–	2	(D)
Land set aside in the federal farm programs in 1978	47	865	(X)	(X)	46	(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]	268	11 173	250	7 656	193	11 106	191	7 588
Average per farm, dollars	(X)	41 689	(X)	30 624	(X)	57 544	(X)	39 728
Farms by value of agricultural products sold:[1]								
$100,000 or more	33	7 132	15	(NA)	33	7 132	15	(NA)
$40,000 to $99,999	39	2 427	42	(NA)	39	2 427	42	(NA)
$20,000 to $39,999	24	737	34	(NA)	24	737	34	(NA)
$10,000 to $19,999	36	474	33	(NA)	36	474	33	(NA)
$5,000 to $9,999	32	231	32	(NA)	32	231	32	(NA)
$2,500 to $4,999	29	105	31	(NA)	29	105	31	(NA)
Less than $2,500 (see text)	75	67	63	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	7	15	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	12	21	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	16	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	40	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	177	6 761	196	4 847	141	6 725	(NA)	4 806
Grains	62	488	(NA)	(NA)	56	482	48	305
Commodity Credit Corporation loans	11	95	(NA)	(NA)	11	95	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	64	302	(NA)	(NA)	43	282	46	193
Vegetables, sweet corn, and melons	13	(D)	(NA)	(NA)	9	27	10	(D)
Fruits, nuts, and berries	77	4 628	(NA)	(NA)	71	4 623	84	3 290
Nursery and greenhouse products	2	(D)	4	56	2	(D)	3	(D)
Other crops	10	1 244	(NA)	(NA)	9	(D)	13	925
Livestock, poultry, and their products	151	4 412	139	2 777	113	4 381	109	2 756
Poultry and poultry products	22	839	23	942	14	838	16	941
Dairy products	30	2 157	(NA)	(NA)	30	2 157	34	989
Cattle and calves	111	1 143	(NA)	(NA)	86	1 122	91	724
Hogs and pigs	24	(D)	(NA)	(NA)	22	(D)	16	(D)
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	–	–	1	(D)
Other livestock and livestock products (see text)	20	175	(NA)	(NA)	13	(D)	4	70

[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	268	250	63 734	246	61 758	25 470	25	9 779	4 905	2 003
Farms with—										
1 to 9 acres	6	3	15	1	(D)	(D)	–	–	–	–
10 to 49 acres	35	31	1 051	29	(D)	(D)	3	128	40	55
50 to 69 acres	14	14	820	14	820	356	–	–	–	–
70 to 99 acres	43	31	3 527	40	3 287	988	5	414	107	40
100 to 139 acres	34	33	3 928	31	3 588	1 314	4	443	154	25
140 to 179 acres	26	37	4 102	25	3 942	1 301	1	(D)	(D)	(D)
180 to 219 acres	23	31	4 571	23	4 571	1 754	1	(D)	(D)	(D)
220 to 259 acres	16	14	3 762	15	3 542	1 616	2	(D)	(D)	(D)
260 to 499 acres	37	36	13 064	34	12 144	5 335	4	1 455	825	142
500 to 999 acres	24	15	15 419	24	15 419	5 799	2	(D)	(D)	(D)
1,000 to 1,999 acres	9	5	(D)	9	10 675	5 247	2	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	268	63 734	250	53 444	193	54 316	191	45 352
Harvested cropland	246	25 470	236	19 654	179	23 596	181	18 513
Tenure of operator:								
Full owners	175	28 061	175	26 543	111	(D)	123	(D)
Harvested cropland	154	8 372	(NA)	7 555	98	(D)	(NA)	6 608
Part owners	82	34 027	72	26 250	73	32 702	66	25 276
Harvested cropland	82	16 249	(NA)	11 744	73	15 806	(NA)	11 555
Tenants	11	1 646	3	651	9	(D)	2	(D)
Harvested cropland	10	849	(NA)	355	8	(D)	(NA)	350
Type of organization:								
Individual or family	224	44 315	(NA)	(NA)	152	34 961	168	34 419
Partnership	37	16 902	(NA)	(NA)	34	16 838	18	8 895
Corporation	7	2 517	(NA)	(NA)	7	2 517	5	2 038
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	144	141	127	118
Other	124	104	66	68
Operators by age group:				
Under 25 years	1	5	1	5
25 to 34 years	41	21	34	16
35 to 44 years	43	46	29	38
45 to 54 years	59	51	43	44
55 to 64 years	70	70	52	57
65 years and over	54	52	34	26
Average age	51.9	53.1	50.9	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	209	196	149	147
Not on farm operated	33	29	24	23
Not reported	26	20	20	16
Operators reporting days of work off farm:				
None	115	81	95	64
1 to 49 days	25	12	17	8
50 to 99 days	9	9	8	5
100 to 149 days	9	3	8	2
150 to 199 days	18	12	12	11
200 days or more	82	82	44	55

[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	81	614	73	321	62	608	57	314
Feed for livestock and poultry	130	1 649	126	860	101	1 637	97	853
Commercially mixed formula feeds	75	1 365	79	695	65	1 363	64	693
Animal health costs	104	39	(NA)	(NA)	85	36	67	27
Seeds, bulbs, plants, and trees	189	351	139	166	163	344	116	165
Commercial fertilizer	197	767	175	445	160	748	145	438
Other agricultural chemicals including lime	185	443	143	327	148	434	127	325
Hired farm labor	108	937	135	655	103	922	123	649
Contract labor	21	75	12	35	21	75	11	(D)
Customwork, machine hire, and rental of machinery and equipment	101	156	85	97	91	155	71	95
Energy and petroleum products	261	632	(NA)	(NA)	192	595	(NA)	(NA)
Petroleum products	261	461	248	289	192	431	189	275
Gasoline	238	222	(NA)	(NA)	174	205	189	177
Diesel fuel	163	160	(NA)	(NA)	134	151	95	61
LP gas, butane, and propane	52	26	(NA)	(NA)	47	25	22	7
Fuel oil	27	9	(NA)	(NA)	27	9	189	31
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	261	44	(NA)	(NA)	192	41		
Electricity	159	170	(NA)	(NA)	125	164	(NA)	(NA)
Other—coal, wood, coke, etc.	6	1	(NA)	(NA)	6	1	(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	198	24 148	161	23 411	145	12 032
Cropland fertilized, except pasture	197	23 024	160	22 287	(NA)	11 882
Pasture and rangeland fertilized	7	1 124	7	1 124	(NA)	150
Lime	42	2 235	33	2 121	23	698
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	93	7 135	70	6 669	(NA)	4 443
Nematodes in crops	16	815	16	815	1	(D)
Diseases in crops and orchards	97	5 421	84	5 385	50	3 703
Weeds, grass, or brush in crops and pasture	100	10 326	91	9 688	(NA)	5 012
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	38	2 017	38	2 017	9	639
Insect control on livestock and poultry	61	(X)	56	(X)	18	(X)
Sanitation and rodent and bird control	43	(X)	38	(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	266	247	197	188
$1,000	9 520	5 807	8 811	5 302
Average per farm—dollars	35 791	23 510	44 724	28 202
Farms by value group:				
$1 to $4,999	32	38	10	13
$5,000 to $9,999	74	50	40	36
$10,000 to $19,999	38	56	34	44

	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	44	20	36
$30,000 to $49,999	43	37	34	37
$50,000 to $69,999	27	13	27	13
$70,000 to $99,999	8	9	8	9
$100,000 to $199,999	18		18	
$200,000 or more	6		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	177	271	104	133	120	138	209	308	164
Motortrucks including pickups	202	360	123	161	134	199	205	314	102
Wheel tractors	259	670	126	209	219	461	229	570	94
Grain and bean combines, self-propelled only	52	56	8	8	44	48	16	19	1
Corn heads for combines	29	30	8	9	21	21	9	10	1
Other cornpickers and picker-shellers	62	64	25	25	38	39	39	40	7
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	75	83	27	33	49	50	62	65	26
Pickup balers	73	85	28	34	48	51	75	79	17
Field forage harvesters, shear bar or flywheel type	59	87	43	44	28	43	37	41	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	108	39	(X)	98	(X)	103	123
Workers	972	(X)	94	(X)	878	907	1 093
Farms with—							
1 worker	12	16	16	7	7	12	24
2 workers	21	11	22	20	40	21	13
3 or 4 workers	20	6	20	19	58	20	21
5 to 9 workers	27	6	36	26	158	27	28
10 workers or more	28	–	–	26	615	23	37

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	153	(X)	142	(X)	106	(X)	112	(X)
Any cattle, hogs, or sheep	126	(X)	124	(X)	90	(X)	98	(X)
Sales:								
Any livestock or poultry and their products $1,000	151	4 412	139	2 777	113	4 381	109	2 756
Any cattle, hogs, or sheep $1,000	121	1 240	117	(NA)	93	(D)	96	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	112	7 278	121	7 158	83	6 986	95	6 724
Cows and heifers that had calved	96	3 066	104	2 685	74	2 953	85	2 558
Beef cows	60	1 242	62	1 335	42	1 140	49	1 225
Milk cows	41	1 824	51	1 350	37	1 813	43	1 333
Heifers and heifer calves	98	2 337	(NA)	(NA)	77	2 262	73	1 546
Steers, steer calves, bulls and bull calves	94	1 875	(NA)	(NA)	72	1 771	85	2 620
Sales:								
Cattle and calves	111	3 024	109	2 729	86	2 936	91	2 643
$1,000	(X)	1 143	(X)	(NA)	(X)	1 122	(X)	724
Calves	58	1 045	(NA)	(NA)	48	1 010	49	695
$1,000	(X)	135	(X)	(NA)	(X)	132	(X)	65
Cattle	100	1 979	(NA)	(NA)	79	1 926	74	1 948
$1,000	(X)	1 008	(X)	(NA)	(X)	991	(X)	659
Fattened cattle	34	1 040	(NA)	(NA)	27	1 020	25	1 204
$1,000	(X)	664	(X)	(NA)	(X)	658	(X)	450
Dairy products $1,000	30	2 157	(NA)	(NA)	30	2 157	34	989
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	32	1 428	23	494	21	1 366	16	449
Used or to be used for breeding	25	250	(NA)	(NA)	17	217	10	178
Other hogs and pigs	31	1 178	(NA)	(NA)	21	1 149	14	271
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	249	18	107	17	233	12	99
Dec. 1 of preceding year and May 31	21	105	15	63	15	99	9	55
June 1 and Nov. 30	20	144	7	44	16	134	7	44
Sheep and lambs	4	65	2	(D)	1	(D)	2	(D)
Ewes 1 year old or older	3	(D)	(NA)	(NA)	–	–	2	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	42	190	27	125	27	110	15	92
Sales:								
Hogs and pigs	24	1 216	19	613	22	(D)	16	594
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	12	477	8	269	11	(D)	6	(D)
$1,000	(X)	20	(X)	(NA)	(X)	(D)	(X)	5
Sheep and lambs	2	(D)	1	(D)	–	–	1	(D)
Sheep and lambs shorn	3	(D)	(NA)	(NA)	–	–	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	–	(X)	(D)
Sheep, lambs, and wool $1,000	3	(D)	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	10	4	7	3	(D)	2	(D)
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	35	(X)	40	(X)	19	(X)	30	(X)
Chickens 3 months old or older	30	(D)	32	47 367	16	(D)	22	47 122
Hens and pullets of laying age	29	(D)	32	47 328	16	(D)	22	47 084
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	5	599	2	(D)	3	(D)	2	(D)
Turkeys	5	9 307	(NA)	(NA)	4	(D)	9	15 011
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	4	(D)	7	(D)
Other poultry	6	(X)	(NA)	(X)	3	(X)	2	(X)
Sales:								
Any poultry	21	(X)	17	(X)	13	(X)	15	(X)
Chickens 3 months old or older	12	63 750	7	69 024	9	63 670	7	69 024
Hens and pullets of laying age	11	(D)	6	(D)	8	(D)	6	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	350	2	(D)	1	(D)	–	–
Turkeys	6	22 100	(NA)	(NA)	6	22 100	8	15 365
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	5	(D)	7	(D)
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	22	839	23	942	14	838	16	941

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	7 751	(X)	4	635	91	7 618	(X)	4	635
	1974	92	5 087	(X)	(NA)	(NA)	75	4 974	(X)	1	(D)
For grain or seed (bushels)	1978	89	5 254	447 023	3	(D)	76	5 196	443 231	3	(D)
	1974	76	3 371	246 702	(NA)	(NA)	66	3 311	243 177	–	–
For silage or green chop (tons, green)	1978	66	2 497	27 761	1	(D)	56	2 422	26 960	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	48	(D)	19 075	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	3	20	(X)	–	–	2	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	20	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	17	788	26 132	–	–	13	769	25 807	–	–
	1974	26	457	18 525	(NA)	(NA)	16	399	16 798	–	–
Oats for grain (bushels)	1978	36	978	37 041	–	–	28	928	36 317	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	43	1 067	59 789	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	5	63	1 172	–	–	5	63	1 172	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	43	1 190	–	–
Other small grains for grain	1978	3	22	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(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	10	1 148	339 364	4	895	9	(D)	(D)	4	895
	1974	13	980	202 595	(NA)	(NA)	13	980	202 595	3	478
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	155	11 065	17 899	1	(D)	109	9 523	16 295	1	(D)
	1974	143	7 681	14 698	(NA)	(NA)	101	6 852	13 426	1	(D)
Alfalfa hay (tons, dry)	1978	137	7 873	14 001	1	(D)	101	6 558	12 577	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	83	4 743	9 781	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	17	763	701	–	–	10	627	594	–	–
Field seed crops	1978	3	37	(X)	–	–	3	37	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	58	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	53	4 635	–	–
All vegetables harvested for sale (see text)	1978	13	41	(X)	6	18	9	35	(X)	4	(D)
	1974	16	76	(X)	(NA)	(NA)	10	68	(X)	1	(D)
Sweet corn	1978	7	18	(X)	2	(D)	6	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	5	(X)	1	(D)
Tomatoes	1978	5	4	(X)	3	(D)	4	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	1	(X)	1	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	82	3 909	(X)	12	391	70	3 816	(X)	11	(D)
	1974	88	4 484	(X)	(NA)	(NA)	83	4 451	(X)	1	(D)
Apples (pounds)	1978	37	549	4 086 550	(NA)	(NA)	29	496	4 072 430	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	630	2 881 417	(NA)	(NA)
Peaches (pounds)	1978	18	63	208 780	(NA)	(NA)	15	57	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	75	249 376	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	22	5 490	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	7	(X)	3	6	2	(D)	(X)	1	(D)
	1974	9	20	(X)	(NA)	(NA)	3	8	(X)	2	(D)
Strawberries (pounds)	1978	4	5	9 167	3	(D)	2	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	7	15 755	2	(D)
Nursery and greenhouse products	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
Other crops	1978	9	765	(X)	(NA)	(NA)	8	(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	430	97 685	436	81 854	361	92 214	323	72 381
Average size of farm	(X)	227	(X)	188	(X)	255	(X)	224
Approximate land area	(X)	234 880	(X)	234 880	(X)	234 880	(X)	234 880
Proportion in farms — percent	(X)	41.6	(X)	34.8	(X)	39.3	(X)	30.8
Value of land and buildings:[1]								
Average per farm — dollars	161 420	(X)	69 174	(X)	172 281	(X)	82 839	(X)
Average per acre — dollars	(X)	746	(X)	368	(X)	752	(X)	370
Land in farms according to use:								
Total cropland	424	73 517	433	58 755	356	70 512	323	53 342
Harvested cropland	418	59 491	412	45 321	351	58 102	315	42 925
By acres harvested:								
1 to 9 acres	12	80	21	(NA)	1	(D)	4	(NA)
10 to 19 acres	34	481	37	(NA)	9	137	11	(NA)
20 to 29 acres	35	814	30	(NA)	19	467	11	(NA)
30 to 49 acres	66	2 526	74	(NA)	52	2 000	53	(NA)
50 to 99 acres	92	6 624	106	(NA)	91	(D)	92	(NA)
100 to 199 acres	82	11 900	76	(NA)	82	11 900	76	(NA)
200 to 499 acres	83	25 536	60	(NA)	83	25 536	60	(NA)
500 to 999 acres	9	5 122	7	(NA)	9	5 122	7	(NA)
1,000 acres or more	5	6 408	1	(NA)	5	6 408	1	(NA)
Cropland used only for pasture	110	3 845	169	7 471	90	3 343	117	5 578
Other cropland	254	10 181	168	5 963	221	9 067	131	4 839
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	70	1 805	(NA)	(NA)	66	1 722	17	562
Cropland on which all crops failed	47	1 545	(NA)	(NA)	43	1 506	35	1 089
Cropland in cultivated summer fallow	96	2 672	(NA)	(NA)	79	2 282	56	1 518
Cropland idle	152	4 159	(NA)	(NA)	132	3 557	56	1 670
Total woodland	293	16 632	257	16 281	240	14 500	192	13 634
Woodland pastured	102	4 002	(NA)	(NA)	78	3 384	73	3 964
Woodland not pastured	239	12 630	(NA)	(NA)	203	11 116	152	9 670
Other land	308	7 536	281	6 818	261	7 202	207	5 405
Pastureland and rangeland, other than cropland and woodland pastured	46	3 403	(NA)	(NA)	43	3 382	30	1 638
Land in house lots, ponds, roads, wasteland, etc	301	4 133	(NA)	(NA)	255	3 820	203	3 767
Pastureland, all types	183	11 250	(NA)	(NA)	153	10 109	(NA)	11 180
Irrigated land	8	702	5	108	7	(D)	5	108
Harvested cropland irrigated	7	(D)	(NA)	(NA)	6	(D)	5	108
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	167	2 788	(X)	(X)	160	2 741	(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]	430	12 421	436	9 667	361	12 344	323	9 520
Average per farm — dollars	(X)	28 886	(X)	22 172	(X)	34 195	(X)	29 474
Farms by value of agricultural products sold:[1]								
$100,000 or more	22	4 068	15	(NA)	22	4 068	15	(NA)
$40,000 to $99,999	75	4 685	54	(NA)	75	4 685	54	(NA)
$20,000 to $39,999	64	1 866	71	(NA)	64	1 866	71	(NA)
$10,000 to $19,999	69	1 004	66	(NA)	69	1 004	66	(NA)
$5,000 to $9,999	69	491	65	(NA)	69	491	65	(NA)
$2,500 to $4,999	62	229	45	(NA)	62	229	45	(NA)
Less than $2,500 (see text)	69	77	120	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	11	24	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	14	24	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	12	15	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	32	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	344	7 033	376	(D)	301	6 983	(NA)	(D)
Grains	296	4 054	(NA)	(NA)	270	4 025	257	3 068
Commodity Credit Corporation loans	48	226	(NA)	(NA)	46	(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	105	446	(NA)	(NA)	85	428	86	248
Vegetables, sweet corn, and melons	28	720	(NA)	(NA)	27	(D)	19	626
Fruits, nuts, and berries	5	(D)	(NA)	(NA)	5	15	2	(D)
Nursery and greenhouse products	2	(D)	1	(D)	1	(D)	1	(D)
Other crops	55	1 776	(NA)	(NA)	54	(D)	59	1 642
Livestock, poultry, and their products	216	5 388	239	3 955	189	5 361	186	(D)
Poultry and poultry products	14	93	17	96	13	(D)	12	96
Dairy products	77	3 174	(NA)	(NA)	76	(D)	101	2 682
Cattle and calves	178	1 545	(NA)	(NA)	156	1 523	165	743
Hogs and pigs	45	567	(NA)	(NA)	41	566	30	383
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	3	1
Other livestock and livestock products (see text)	9	(D)	(NA)	(NA)	5	6	4	(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	430	436	97 685	418	96 764	59 491	8	4 793	2 908	702
Farms with—										
1 to 9 acres	3	9	10	1	(D)	(D)	–	–	–	–
10 to 49 acres	46	44	1 636	43	(D)	(D)	–	–	–	–
50 to 69 acres	18	27	1 030	16	905	585	–	–	–	–
70 to 99 acres	80	73	6 543	77	6 313	3 283	–	–	–	–
100 to 139 acres	56	69	6 645	56	6 645	3 344	–	–	–	–
140 to 179 acres	39	50	6 040	39	6 040	3 164	1	(D)	(D)	(D)
180 to 219 acres	38	40	7 656	38	7 656	4 348	1	(D)	(D)	(D)
220 to 259 acres	27	29	6 470	25	6 018	3 682	2	(D)	(D)	(D)
260 to 499 acres	84	73	29 674	84	29 674	19 199	1	(D)	(D)	(D)
500 to 999 acres	30	18	18 105	30	18 105	12 107	1	(D)	(D)	(D)
1,000 to 1,999 acres	8	3	(D)	8	11 076	7 367	2	(D)	(D)	(D)
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	430	97 685	436	81 854	361	92 214	323	72 381
Harvested cropland	418	59 491	412	45 321	351	58 102	315	42 925
Tenure of operator:								
Full owners	228	31 808	289	40 972	174	27 486	204	33 551
Harvested cropland	217	15 972	(NA)	19 438	165	15 007	(NA)	17 835
Part owners	173	62 115	127	38 828	162	61 202	111	37 045
Harvested cropland	172	40 674	(NA)	25 003	161	40 362	(NA)	24 337
Tenants	29	3 762	20	2 054	25	3 526	8	1 785
Harvested cropland	29	2 845	(NA)	880	25	2 733	(NA)	753
Type of organization:								
Individual or family	369	74 352	(NA)	(NA)	304	69 301	307	64 041
Partnership	57	22 737	(NA)	(NA)	53	22 317	15	(D)
Corporation	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	257	260	243	230
Other	173	175	118	92
Operators by age group:				
Under 25 years	20	18	17	5
25 to 34 years	37	58	35	40
35 to 44 years	107	75	92	63
45 to 54 years	104	105	79	80
55 to 64 years	88	122	76	96
65 years and over	74	57	62	38
Average age	49.9	49.6	49.8	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	345	347	293	260
Not on farm operated	52	37	39	25
Not reported	33	51	29	37
Operators reporting days of work off farm:				
None	187	175	171	147
1 to 49 days	31	16	25	12
50 to 99 days	11	4	10	2
100 to 149 days	7	7	6	6
150 to 199 days	16	14	15	11
200 days or more	162	160	119	94

[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	157	1 203	118	452	151	1 198	89	423
Feed for livestock and poultry	192	991	214	751	177	981	165	733
Commercially mixed formula feeds	89	579	121	476	83	577	105	474
Animal health costs	171	55	(NA)	(NA)	160	54	122	29
Seeds, bulbs, plants, and trees	360	619	320	399	323	610	260	391
Commercial fertilizer	394	1 620	359	1 064	356	1 593	288	1 044
Other agricultural chemicals including lime	309	419	240	187	279	414	203	184
Hired farm labor	123	649	146	352	112	635	128	347
Contract labor	22	65	19	22	15	55	19	22
Customwork, machine hire, and rental of machinery and equipment	171	183	158	139	154	176	133	135
Energy and petroleum products	421	1 126	(NA)	(NA)	393	1 107	(NA)	(NA)
Petroleum products	421	898	435	505	393	885	323	476
Gasoline	404	406	(NA)	(NA)	376	398	311	274
Diesel fuel	267	280	(NA)	(NA)	259	279	189	138
LP gas, butane, and propane	60	140	(NA)	(NA)	55	140	36	25
Fuel oil	41	14	(NA)	(NA)	35	12		
Natural gas	10	6	(NA)	(NA)	10	6	323	40
Kerosene, motor oil, and grease	421	52	(NA)	(NA)	393	51		
Electricity	342	224	(NA)	(NA)	320	218	(NA)	(NA)
Other—coal, wood, coke, etc.	21	4	(NA)	(NA)	15	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	394	51 798	356	51 025	288	32 586
Cropland fertilized, except pasture	394	51 473	356	50 700	(NA)	32 398
Pasture and rangeland fertilized	5	325	5	325	(NA)	188
Lime	28	742	28	742	4	58
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	95	6 899	86	6 821	(NA)	3 771
Nematodes in crops	12	1 255	12	1 255	–	–
Diseases in crops and orchards	34	1 813	28	1 795	12	948
Weeds, grass, or brush in crops and pasture	247	33 171	219	32 571	(NA)	18 418
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	66	(X)	58	(X)	21	(X)
Sanitation and rodent and bird control	48	(X)	47	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	421	430	393	318
$1,000	18 068	9 961	17 829	9 084
Average per farm—dollars	42 916	23 165	45 366	28 566
Farms by value group:				
$1 to $4,999	44	59	43	26
$5,000 to $9,999	53	77	39	29
$10,000 to $19,999	100	99	87	74

	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	41	77	41	72
$30,000 to $49,999	42	78	42	77
$50,000 to $69,999	66	21	66	21
$70,000 to $99,999	32		32	
$100,000 to $199,999	29	19	29	19
$200,000 or more	14		14	

	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	346	464	228	280	149	184	376	478	288
Motortrucks including pickups	365	576	215	241	226	335	355	530	213
Wheel tractors	374	1 061	164	259	336	802	413	1 078	184
Grain and bean combines, self-propelled only	176	192	25	25	151	167	131	139	15
Corn heads for combines	70	71	20	20	51	51	29	30	8
Other cornpickers and picker-shellers	156	178	35	47	121	131	168	179	25
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	144	154	29	29	115	125	100	105	30
Pickup balers	174	205	44	48	140	157	182	190	25
Field forage harvesters, shear bar or flywheel type	67	96	17	18	55	78	94	108	26

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	123	32	(X)	108	(X)	112	128
Workers	619	(X)	102	(X)	517	555	650
Farms with—							
1 worker	30	4	4	32	32	30	39
2 workers	18	9	18	12	24	18	12
3 or 4 workers	26	11	36	22	76	20	21
5 to 9 workers	30	8	44	25	162	25	41
10 workers or more	19	–	–	17	223	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	241	(X)	262	(X)	205	(X)	198	(X)
Any cattle, hogs, or sheep	222	(X)	239	(X)	189	(X)	184	(X)
Sales:								
Any livestock or poultry and their products $1,000	216	5 388	239	3 955	189	5 361	186	(D)
Any cattle, hogs, or sheep $1,000	208	(D)	227	(NA)	183	(D)	180	1 127
CATTLE AND CALVES								
Inventory:								
Cattle and calves	194	9 467	228	10 409	164	9 192	177	9 562
Cows and heifers that had calved	142	3 948	170	4 519	121	3 843	137	4 206
Beef cows	65	605	72	928	46	520	42	660
Milk cows	90	3 343	117	3 591	83	3 323	109	3 546
Heifers and heifer calves	165	3 067	(NA)	(NA)	140	2 967	120	2 661
Steers, steer calves, bulls and bull calves	160	2 452	(NA)	(NA)	135	2 382	145	2 695
Sales:								
Cattle and calves	178	4 473	209	3 670	156	4 376	165	3 453
$1,000	(X)	1 545	(X)	(NA)	(X)	1 523	(X)	743
Calves	111	1 360	(NA)	(NA)	94	1 304	91	1 270
$1,000	(X)	140	(X)	(NA)	(X)	132	(X)	72
Cattle	152	3 113	(NA)	(NA)	140	3 072	144	2 183
$1,000	(X)	1 404	(X)	(NA)	(X)	1 391	(X)	671
Fattened cattle	52	1 476	(NA)	(NA)	49	1 466	44	883
$1,000	(X)	788	(X)	(NA)	(X)	785	(X)	342
Dairy products $1,000	77	3 174	(NA)	(NA)	76	(D)	101	2 682
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	49	4 715	47	3 750	42	4 689	33	3 628
Used or to be used for breeding	34	669	(NA)	(NA)	29	664	21	751
Other hogs and pigs	48	4 046	(NA)	(NA)	41	4 025	33	2 877
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	36	822	24	726	31	816	22	(D)
Dec. 1 of preceding year and May 31	28	391	13	373	23	(D)	13	373
June 1 and Nov. 30	26	431	22	353	25	(D)	20	(D)
Sheep and lambs	2	(D)	5	52	1	(D)	4	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	1	(D)	4	17
Goats	1	(D)	(NA)	(NA)	–	–	1	(D)
Horses and ponies	51	144	41	121	41	105	28	87
Sales:								
Hogs and pigs	45	6 320	32	5 877	41	6 301	30	(D)
$1,000	(X)	567	(X)	(NA)	(X)	566	(X)	383
Feeder pigs	14	1 506	11	1 512	14	1 506	9	(D)
$1,000	(X)	70	(X)	(NA)	(X)	70	(X)	36
Sheep and lambs	2	(D)	3	56	1	(D)	2	(D)
Sheep and lambs shorn	1	(D)	(NA)	(NA)	1	(D)	3	26
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	293
Sheep, lambs, and wool $1,000	2	(D)	(NA)	(NA)	1	(D)	3	1
Goats	2	(D)	(NA)	(NA)	–	–	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(D)
Horses and ponies	7	23	4	5	4	7	3	(D)
$1,000	(X)	6	(X)	(NA)	(X)	3	(X)	(Z)
POULTRY								
Inventory:								
Any poultry	50	(X)	58	(X)	38	(X)	38	(X)
Chickens 3 months old or older	45	10 617	55	13 134	34	10 345	35	12 447
Hens and pullets of laying age	45	10 376	52	12 679	34	(D)	33	(D)
Pullets 3 months old or older	5	241	(NA)	(NA)	4	(D)	2	(D)
Pullet chicks and pullets under 3 months old	3	179	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	13	593	7	602	9	349	6	(D)
Turkeys	3	17	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	5	(X)	(NA)	(X)	3	(X)	1	(X)
Sales:								
Any poultry	13	(X)	9	(X)	12	(X)	9	(X)
Chickens 3 months old or older	8	7 626	8	4 760	8	7 626	8	4 760
Hens and pullets of laying age	8	7 626	7	4 759	8	7 626	7	4 759
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)	1	(D)	2	(D)	1	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	14	93	17	96	13	(D)	12	96

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	286	19 378	(X)	1	(D)	260	18 995	(X)	1	(D)
	1974	250	12 095	(X)	(NA)	(NA)	218	11 739	(X)	3	54
For grain or seed (bushels)	1978	270	15 193	1 194 017	1	(D)	245	(D)	1 173 001	1	(D)
	1974	233	9 071	565 536	(NA)	(NA)	202	8 722	549 596	2	(D)
For silage or green chop (tons, green)	1978	94	4 185	48 404	–	–	93	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	96	2 983	26 845	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	34	(X)	–	–
Sorghums for all purposes	1978	6	38	(X)	–	–	6	38	(X)	–	–
	1974	5	52	(X)	(NA)	(NA)	5	52	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	6	38	271	–	–	6	38	271	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	(D)	380	–	–
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	90	2 409	115 761	–	–	88	(D)	(D)	–	–
	1974	206	4 768	203 818	(NA)	(NA)	180	4 488	195 445	1	(D)
Oats for grain (bushels)	1978	175	3 913	252 403	–	–	166	3 764	247 984	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	150	2 802	157 384	1	(D)
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	5	38	866	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	55	784	1	(D)
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	122	5 657	111 352	1	(D)	120	(D)	(D)	1	(D)
	1974	61	1 808	32 152	(NA)	(NA)	54	1 764	31 623	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	12	1 835	325 181	3	(D)	11	(D)	(D)	3	(D)
	1974	13	760	96 679	(NA)	(NA)	12	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	–	–	–
Hay crops (tons, dry) (see text)	1978	240	13 643	32 975	–	–	194	12 866	31 916	–	–
	1974	229	10 196	24 945	(NA)	(NA)	171	8 810	22 505	–	–
Alfalfa hay (tons, dry)	1978	213	10 391	28 278	–	–	183	9 930	27 600	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	145	5 673	13 805	–	–
Other tame dry hay (tons, dry) (see text)	1978	34	775	1 143	–	–	20	535	856	–	–
Field seed crops	1978	7	196	(X)	–	–	7	196	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	98	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	5	86	11 440	–	–	5	86	11 440	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	96	11 810	–	–
All vegetables harvested for sale (see text)	1978	28	1 815	(X)	2	(D)	27	(D)	(X)	2	(D)
	1974	28	1 676	(X)	(NA)	(NA)	21	1 665	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	3	(D)	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	3	(D)	(X)	–	–	3	(D)	(X)	–	–
	1974	3	37	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	3	(D)	(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	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	1	(D)	2	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
Other crops	1978	128	11 956	(X)	(NA)	(NA)	126	(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	93	19 562	86	16 633	46	12 300	43	10 129
Average size of farm	(X)	210	(X)	193	(X)	267	(X)	236
Approximate land area	(X)	576 640	(X)	576 640	(X)	576 640	(X)	576 640
Proportion in farms — percent	(X)	3.4	(X)	2.9	(X)	2.1	(X)	1.8
Value of land and buildings:[1]								
Average per farm — dollars	78 003	(X)	35 953	(X)	86 318	(X)	40 860	(X)
Average per acre — dollars	(X)	371	(X)	186	(X)	323	(X)	173
Land in farms according to use:								
Total cropland	92	8 807	83	7 699	45	6 514	43	5 296
Harvested cropland	80	4 821	75	3 635	41	3 843	43	2 698
By acres harvested:								
1 to 9 acres	9	42	7	(NA)	3	16	1	(NA)
10 to 19 acres	9	126	4	(NA)	2	(D)	1	(NA)
20 to 29 acres	14	321	15	(NA)	3	72	9	(NA)
30 to 49 acres	25	928	25	(NA)	13	529	11	(NA)
50 to 99 acres	10	601	16	(NA)	7	396	13	(NA)
100 to 199 acres	7	894	6	(NA)	7	894	6	(NA)
200 to 499 acres	5	(D)	2	(NA)	5	(D)	2	(NA)
500 to 999 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	62	2 828	68	2 982	34	1 910	37	1 824
Other cropland	41	1 158	29	1 082	17	761	16	774
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	14	271	(NA)	(NA)	6	148	6	216
Cropland on which all crops failed	6	189	(NA)	(NA)	6	189	3	101
Cropland in cultivated summer fallow	7	61	(NA)	(NA)	–	–	4	25
Cropland idle	25	637	(NA)	(NA)	13	424	7	432
Total woodland	76	9 237	66	7 578	36	5 200	32	4 051
Woodland pastured	25	1 490	(NA)	(NA)	14	679	18	838
Woodland not pastured	67	7 747	(NA)	(NA)	31	4 521	25	3 213
Other land	70	1 518	61	1 356	33	586	34	782
Pastureland and rangeland, other than cropland and woodland pastured	17	775	(NA)	(NA)	8	238	11	211
Land in house lots, ponds, roads, wasteland, etc	65	743	(NA)	(NA)	32	348	33	571
Pastureland, all types	72	5 093	(NA)	(NA)	38	2 827	(NA)	2 873
Irrigated land	1	(D)	1	(D)	1	(D)	–	–
Harvested cropland irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	5	56	(X)	(X)	5	56	(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]	93	755	86	470	46	708	43	431
Average per farm — dollars	(X)	8 118	(X)	5 465	(X)	15 394	(X)	10 023
Farms by value of agricultural products sold:[1]								
$100,000 or more	1	(D)	–	(NA)	1	(D)	–	(NA)
$40,000 to $99,999	4	(D)	1	(NA)	4	(D)	1	(NA)
$20,000 to $39,999	4	119	7	(NA)	4	119	7	(NA)
$10,000 to $19,999	8	105	4	(NA)	8	105	4	(NA)
$5,000 to $9,999	13	91	11	(NA)	13	91	11	(NA)
$2,500 to $4,999	16	58	20	(NA)	16	58	20	(NA)
Less than $2,500 (see text)	46	46	43	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	10	22	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	6	10	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	6	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	24	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	41	107	36	46	23	87	(NA)	34
Grains	9	10	(NA)	(NA)	7	(D)	2	(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	32	77	(NA)	(NA)	17	61	14	25
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	1	(D)	2	(D)	1	(D)	–	–
Other crops	1	(D)	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	58	648	70	415	35	621	41	390
Poultry and poultry products	2	(D)	4	1	2	(D)	1	(D)
Dairy products	23	419	(NA)	(NA)	20	417	29	314
Cattle and calves	56	218	(NA)	(NA)	34	196	41	75
Hogs and pigs	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	1	(D)
Other livestock and livestock products (see text)	4	2	(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	93	86	19 562	80	15 493	4 821	1	(D)	(D)	(D)
Farms with –										
1 to 9 acres	–	1	–	–	–	–	–	–	–	–
10 to 49 acres	13	1	485	11	427	181	–	–	–	–
50 to 69 acres	3	4	185	3	185	40	1	(D)	(D)	(D)
70 to 99 acres	18	24	1 463	17	1 385	489	–	–	–	–
100 to 139 acres	13	18	1 468	10	1 126	385	–	–	–	–
140 to 179 acres	17	14	2 722	16	2 562	617	–	–	–	–
180 to 219 acres	8	6	1 539	7	(D)	(D)	–	–	–	–
220 to 259 acres	2	4	(D)	2	(D)	(D)	–	–	–	–
260 to 499 acres	9	8	3 486	8	3 166	926	–	–	–	–
500 to 999 acres	9	5	6 533	6	4 802	1 644	–	–	–	–
1,000 to 1,999 acres	1	1	(D)	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	93	19 562	86	16 633	46	12 300	43	10 129
Harvested cropland	80	4 821	75	3 635	41	3 843	43	2 698
Tenure of operator:								
Full owners	65	11 686	62	10 895	26	5 446	25	5 179
Harvested cropland	53	(D)	(NA)	1 997	22	1 093	(NA)	1 250
Part owners	27	(D)	24	5 738	20	6 854	18	4 950
Harvested cropland	26	3 021	(NA)	1 638	19	2 750	(NA)	1 448
Tenants	1	(D)	–	–	–	–	–	–
Harvested cropland	1	(D)	(NA)	–	–	–	(NA)	–
Type of organization:								
Individual or family	84	17 095	(NA)	(NA)	42	10 472	43	10 129
Partnership	7	(D)	(NA)	(NA)	4	1 828	–	–
Corporation	–	–	(NA)	(NA)	–	–	–	–
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	41	39	26	28
Other	52	47	20	15
Operators by age group:				
Under 25 years	1	–	1	–
25 to 34 years	17	9	7	5
35 to 44 years	20	9	11	6
45 to 54 years	10	14	6	5
55 to 64 years	23	33	10	18
65 years and over	22	21	11	9
Average age	50.8	55.7	50.2	54.8

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	70	70	36	38
Not on farm operated	11	4	5	1
Not reported	12	12	5	4
Operators reporting days of work off farm:				
None	35	23	20	14
1 to 49 days	8	4	5	4
50 to 99 days	2	3	1	–
100 to 149 days	1	2	1	–
150 to 199 days	1	5	–	2
200 days or more	46	35	19	12

[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	15	32	24	19	11	30	10	10
Feed for livestock and poultry	62	108	66	109	38	99	37	95
Commercially mixed formula feeds	30	73	55	84	24	71	36	75
Animal health costs	49	12	(NA)	(NA)	33	11	27	3
Seeds, bulbs, plants, and trees	38	22	37	7	25	20	20	6
Commercial fertilizer	49	43	31	9	30	37	18	7
Other agricultural chemicals including lime	44	27	23	2	28	21	16	2
Hired farm labor	31	55	24	30	21	52	17	29
Contract labor	2	(D)	5	4	2	(D)	1	(D)
Customwork, machine hire, and rental of machinery and equipment	24	6	19	3	17	5	8	2
Energy and petroleum products	92	73	(NA)	(NA)	46	57	(NA)	(NA)
Petroleum products	92	49	84	51	46	37	42	39
Gasoline	91	36	(NA)	(NA)	46	27	42	32
Diesel fuel	23	7	(NA)	(NA)	19	7	15	4
LP gas, butane, and propane	9	1	(NA)	(NA)	4	(D)	4	(Z)
Fuel oil	3	(D)	(NA)	(NA)	1	(D)		
Natural gas	1	(D)	(NA)	(NA)	–	–	42	3
Kerosene, motor oil, and grease	92	4	(NA)	(NA)	46	3		
Electricity	60	21	(NA)	(NA)	37	17	(NA)	(NA)
Other—coal, wood, coke, etc.	13	2	(NA)	(NA)	10	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		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	49	1 586	30	1 335	18	312
Cropland fertilized, except pasture	48	1 361	29	1 140	(NA)	295
Pasture and rangeland fertilized	10	225	6	195	(NA)	17
Lime	31	432	20	318	3	47
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	19	801	13	663	(NA)	13
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	12	192	6	117	–	–
Weeds, grass, or brush in crops and pasture	30	830	21	724	(NA)	97
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	50	2	(D)	–	–
Insect control on livestock and poultry	26	(X)	15	(X)	8	(X)
Sanitation and rodent and bird control	10	(X)	5	(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	93	82	46	41
$1,000	1 464	945	1 077	599
Average per farm—dollars	15 739	11 524	23 408	14 610
Farms by value group:				
$1 to $4,999	11	16	3	5
$5,000 to $9,999	36	20	13	8
$10,000 to $19,999	26	36	14	19

	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	10	6	7	5
$30,000 to $49,999	4	3	3	3
$50,000 to $69,999	3	1	3	1
$70,000 to $99,999	2	–	2	–
$100,000 to $199,999	1		1	
$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	63	91	38	45	34	46	66	90	45
Motortrucks including pickups	65	83	36	39	36	44	58	72	35
Wheel tractors	86	178	20	21	80	157	76	157	15
Grain and bean combines, self-propelled only	11	11	–	–	11	11	7	7	2
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	35	36	14	14	22	22	20	21	7
Pickup balers	49	53	13	14	37	39	45	50	3
Field forage harvesters, shear bar or flywheel type	7	8	4	4	3	4	4	6	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—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	31	5	(X)	27	(X)	21	17
Workers	99	(X)	16	(X)	83	75	36
Farms with—							
1 worker	9	1	(D)	8	8	4	10
2 workers	5	2	(D)	3	6	4	4
3 or 4 workers	10	1	(D)	10	34	8	1
5 to 9 workers	6	1	(D)	6	35	4	1
10 workers or more	1	–	–	–	–	1	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	70	(X)	78	(X)	37	(X)	42	(X)
Any cattle, hogs, or sheep	64	(X)	74	(X)	35	(X)	42	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	58	648	70	415	35	621	41	390
Any cattle, hogs, or sheep ($1,000)	57	(D)	67	(NA)	35	(D)	41	75
CATTLE AND CALVES								
Inventory:								
Cattle and calves	62	1 907	73	1 596	33	1 565	41	1 256
Cows and heifers that had calved	58	976	68	957	33	833	40	753
Beef cows	34	516	37	372	18	416	15	217
Milk cows	30	460	47	585	20	417	34	536
Heifers and heifer calves	51	577	(NA)	(NA)	28	478	32	316
Steers, steer calves, bulls and bull calves	48	354	(NA)	(NA)	25	254	29	187
Sales:								
Cattle and calves	56	770	67	667	34	664	41	525
($1,000)	(X)	218	(X)	(NA)	(X)	196	(X)	75
Calves	40	388	(NA)	(NA)	26	316	36	352
($1,000)	(X)	62	(X)	(NA)	(X)	52	(X)	25
Cattle	46	382	(NA)	(NA)	32	348	34	173
($1,000)	(X)	156	(X)	(NA)	(X)	143	(X)	51
Fattened cattle	9	30	(NA)	(NA)	3	15	1	(D)
($1,000)	(X)	13	(X)	(NA)	(X)	7	(X)	(D)
Dairy products ($1,000)	23	419	(NA)	(NA)	20	417	29	314
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	7	65	6	15	4	51	5	(D)
Used or to be used for breeding	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Other hogs and pigs	6	(D)	(NA)	(NA)	3	(D)	5	11
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	3	21	1	(D)	2	(D)	1	(D)
Dec. 1 of preceding year and May 31	2	(D)	–	–	1	(D)	–	–
June 1 and Nov. 30	2	(D)	1	(D)	2	(D)	1	(D)
Sheep and lambs	1	(D)	2	(D)	–	–	1	(D)
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	19	54	22	59	11	29	5	13
Sales:								
Hogs and pigs	3	(D)	1	(D)	2	(D)	1	(D)
($1,000)	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Feeder pigs	2	(D)	–	–	2	(D)	–	–
($1,000)	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	–	–	–	–	–	–	–	–
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	1	(D)
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	(D)
Sheep, lambs, and wool ($1,000)	–	–	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
($1,000)	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	3	4	–	–	2	(D)	–	–
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	11	(X)	10	(X)	7	(X)	5	(X)
Chickens 3 months old or older	10	223	6	159	6	159	3	(D)
Hens and pullets of laying age	9	(D)	5	155	6	(D)	2	(D)
Pullets 3 months old or older	2	(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	2	(D)	4	302	–	–	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	1	(X)	1	(X)
Sales:								
Any poultry	2	(X)	3	(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	–	–	3	55	–	–	–	–
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)	2	(D)	4	1	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	6	157	(X)	–	–	6	157	(X)	–	–
	1974	4	36	(X)	(NA)	(NA)	3	(D)	(X)	–	–
For grain or seed (bushels)	1978	3	42	(D)	–	–	3	42	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	4	115	1 330	–	–	4	115	1 330	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	3	19	(D)	–	–	2	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	36	710	29 609	–	–	22	611	26 440	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	312	16 072	–	–
Barley for grain (bushels)	1978	8	286	13 685	–	–	7	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(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)	(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)	–	–	–	–	–	–	–
	1974	7	4	402	(NA)	(NA)	5	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	72	3 870	7 302	–	–	38	3 020	6 117	–	–
	1974	67	3 103	4 920	(NA)	(NA)	40	2 329	4 029	–	–
Alfalfa hay (tons, dry)	1978	33	1 251	2 605	–	–	20	958	2 152	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	453	711	–	–
Other tame dry hay (tons, dry) (see text)	1978	47	2 099	3 817	–	–	27	1 645	3 230	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	3	7	(X)	–	–	3	7	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(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	8	34	(X)	–	–	2	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	8	31	(D)	(NA)	(NA)	2	(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)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	6	(X)	–	–	1	(D)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	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	1 033	180 832	1 092	184 667	755	160 381	712	152 924
Average size of farm	(X)	175	(X)	169	(X)	212	(X)	215
Approximate land area	(X)	354 560	(X)	354 560	(X)	354 560	(X)	354 560
Proportion in farms, percent	(X)	51.0	(X)	52.1	(X)	45.2	(X)	43.1
Value of land and buildings:[1]								
Average per farm, dollars	137 053	(X)	74 901	(X)	168 516	(X)	95 343	(X)
Average per acre, dollars	(X)	782	(X)	443	(X)	782	(X)	444
Land in farms according to use:								
Total cropland	1 021	131 229	1 065	130 608	750	119 940	702	114 042
Harvested cropland	975	97 763	997	94 348	731	93 009	684	87 209
By acres harvested:								
1 to 9 acres	55	302	66	(NA)	9	42	12	(NA)
10 to 19 acres	126	1 766	139	(NA)	37	513	32	(NA)
20 to 29 acres	121	2 797	103	(NA)	61	1 436	34	(NA)
30 to 49 acres	188	7 097	187	(NA)	144	5 500	124	(NA)
50 to 99 acres	200	13 730	227	(NA)	195	13 447	207	(NA)
100 to 199 acres	150	19 882	155	(NA)	150	19 882	155	(NA)
200 to 499 acres	104	31 861	100	(NA)	104	31 861	100	(NA)
500 to 999 acres	30	(D)	18	(NA)	30	(D)	18	(NA)
1,000 acres or more	1	(D)	2	(NA)	1	(D)	2	(NA)
Cropland used only for pasture	489	16 257	598	19 548	336	12 899	384	14 217
Other cropland	538	17 209	463	16 712	407	14 032	307	12 616
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	171	3 518	(NA)	(NA)	136	3 052	84	2 522
Cropland on which all crops failed	43	701	(NA)	(NA)	30	489	54	1 156
Cropland in cultivated summer fallow	151	3 112	(NA)	(NA)	121	2 630	159	5 198
Cropland idle	348	9 878	(NA)	(NA)	258	7 861	114	3 740
Total woodland	698	24 029	745	24 555	521	19 357	500	17 817
Woodland pastured	156	3 534	(NA)	(NA)	119	2 704	141	3 138
Woodland not pastured	610	20 495	(NA)	(NA)	454	16 653	421	14 679
Other land	865	25 574	959	29 504	631	21 084	625	21 065
Pastureland and rangeland, other than cropland and woodland pastured	191	7 885	(NA)	(NA)	142	6 873	155	6 126
Land in house lots, ponds, roads, wasteland, etc	837	17 689	(NA)	(NA)	606	14 211	611	14 939
Pastureland, all types	639	27 676	(NA)	(NA)	449	22 476	(NA)	23 481
Irrigated land	30	2 059	16	494	26	2 053	14	(D)
Harvested cropland irrigated	30	(D)	(NA)	(NA)	26	(D)	14	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	213	4 041	(X)	(X)	193	3 928	(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]	1 033	24 963	1 092	17 864	755	24 642	712	17 425
Average per farm, dollars	(X)	24 165	(X)	16 359	(X)	32 639	(X)	24 473
Farms by value of agricultural products sold:[1]								
$100,000 or more	63	11 867	31	(NA)	63	11 867	31	(NA)
$40,000 to $99,999	92	5 981	91	(NA)	92	5 981	91	(NA)
$20,000 to $39,999	102	2 811	101	(NA)	102	2 811	101	(NA)
$10,000 to $19,999	150	2 148	138	(NA)	150	2 148	138	(NA)
$5,000 to $9,999	157	1 136	180	(NA)	157	1 136	180	(NA)
$2,500 to $4,999	191	699	156	(NA)	191	699	156	(NA)
Less than $2,500 (see text)	277	(D)	394	(NA)	(X)	(X)	15	(NA)
$2,000 to $2,499	38	85	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	67	112	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	64	79	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	108	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	765	8 400	847	6 422	607	8 236	(NA)	6 174
Grains	597	5 330	(NA)	(NA)	513	5 253	543	4 673
Commodity Credit Corporation loans	67	509	(NA)	(NA)	64	508	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	387	1 523	(NA)	(NA)	298	1 443	270	780
Vegetables, sweet corn, and melons	51	1 334	(NA)	(NA)	44	1 332	30	457
Fruits, nuts, and berries	20	149	(NA)	(NA)	15	147	16	148
Nursery and greenhouse products	10	53	17	64	8	(D)	10	55
Other crops	6	12	(NA)	(NA)	3	(D)	14	61
Livestock, poultry, and their products	647	16 563	757	11 300	499	16 406	531	11 114
Poultry and poultry products	57	1 094	67	1 055	41	1 092	43	1 050
Dairy products	149	10 010	(NA)	(NA)	148	(D)	155	6 433
Cattle and calves	491	3 850	(NA)	(NA)	403	3 762	434	2 405
Hogs and pigs	170	1 388	(NA)	(NA)	134	1 360	137	1 104
Sheep, lambs, and wool	59	110	(NA)	(NA)	31	(D)	62	80
Other livestock and livestock products (see text)	58	111	(NA)	(NA)	31	97	23	42

[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	1 033	1 092	180 832	975	177 006	97 763	30	7 975	5 292	2 059
Farms with—										
1 to 9 acres	18	19	86	8	42	35	4	18	12	10
10 to 49 acres	168	168	5 550	143	4 916	2 642	1	(D)	(D)	(D)
50 to 69 acres	86	76	5 030	84	4 910	2 518	1	(D)	(D)	(D)
70 to 99 acres	176	208	14 376	166	13 544	5 633	3	235	80	24
100 to 139 acres	142	150	16 148	139	15 814	7 345	4	480	276	158
140 to 179 acres	134	143	20 891	131	20 429	8 986	1	(D)	(D)	(D)
180 to 219 acres	66	66	12 930	64	12 545	6 245	–	–	–	–
220 to 259 acres	51	70	12 060	51	12 060	6 342	3	698	390	188
260 to 499 acres	122	135	43 102	119	42 087	23 493	8	2 854	1 907	778
500 to 999 acres	63	49	41 276	63	41 276	29 022	4	2 416	1 768	485
1,000 to 1,999 acres	6	8	(D)	6	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 033	180 832	1 092	184 667	755	160 381	712	152 924
Harvested cropland	975	97 763	997	94 348	731	93 009	684	87 209
Tenure of operator:								
Full owners	692	86 732	808	106 005	448	68 663	460	76 839
Harvested cropland	639	36 611	(NA)	44 462	426	32 649	(NA)	38 275
Part owners	300	87 728	261	74 266	272	85 523	233	71 874
Harvested cropland	298	57 028	(NA)	47 500	270	56 304	(NA)	46 603
Tenants	41	6 372	23	4 396	35	6 195	19	4 211
Harvested cropland	38	4 124	(NA)	2 386	35	4 056	(NA)	2 331
Type of organization:								
Individual or family	941	149 068	(NA)	(NA)	677	129 814	657	133 691
Partnership	83	(D)	(NA)	(NA)	70	28 641	52	18 602
Corporation	8	1 926	(NA)	(NA)	8	1 926	1	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(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	445	486	391	404
Other	588	602	364	305
Operators by age group:				
Under 25 years	14	19	10	11
25 to 34 years	146	122	116	83
35 to 44 years	225	261	159	164
45 to 54 years	255	262	188	172
55 to 64 years	214	216	172	147
65 years and over	179	208	110	132
Average age	50.0	50.8	49.5	51.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	872	874	643	588
Not on farm operated	79	74	59	46
Not reported	82	140	53	75
Operators reporting days of work off farm:				
None	327	283	250	209
1 to 49 days	67	54	53	48
50 to 99 days	28	27	26	18
100 to 149 days	18	33	16	26
150 to 199 days	56	53	47	22
200 days or more	488	504	323	274

[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	339	1 413	456	1 406	239	1 359	268	1 314
Feed for livestock and poultry	572	3 271	704	2 808	391	3 203	451	2 711
Commercially mixed formula feeds	242	1 989	453	1 755	207	1 971	326	1 717
Animal health costs	506	238	(NA)	(NA)	382	229	337	149
Seeds, bulbs, plants, and trees	820	821	784	588	640	800	599	566
Commercial fertilizer	745	1 942	751	1 695	588	1 880	589	1 635
Other agricultural chemicals including lime	676	647	536	460	551	628	452	449
Hired farm labor	339	1 161	329	723	269	1 136	257	705
Contract labor	6	100	26	27	6	100	16	25
Customwork, machine hire, and rental of machinery and equipment	479	361	448	260	377	337	331	237
Energy and petroleum products	1 031	1 833	(NA)	(NA)	743	1 749	(NA)	(NA)
Petroleum products	1 031	1 374	1 041	898	743	1 313	678	811
Gasoline	989	684	(NA)	(NA)	715	636	663	486
Diesel fuel	434	419	(NA)	(NA)	390	415	289	200
LP gas, butane, and propane	161	131	(NA)	(NA)	136	131	78	60
Fuel oil	90	30	(NA)	(NA)	54	27		
Natural gas	7	8	(NA)	(NA)	7	8	666	65
Kerosene, motor oil, and grease	1 031	102	(NA)	(NA)	743	95		
Electricity	763	451	(NA)	(NA)	566	430	(NA)	(NA)
Other—coal, wood, coke, etc.	21	8	(NA)	(NA)	12	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	728	72 250	577	69 766	589	61 095
Cropland fertilized, except pasture	728	70 951	577	68 532	(NA)	60 550
Pasture and rangeland fertilized	56	1 299	47	1 234	(NA)	545
Lime	190	5 346	151	4 949	97	3 514
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	256	18 603	229	18 325	(NA)	13 182
Nematodes in crops	27	2 309	27	2 309	–	–
Diseases in crops and orchards	63	1 776	38	1 594	12	430
Weeds, grass, or brush in crops and pasture	541	42 014	442	40 681	(NA)	32 809
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	2	(D)
Insect control on livestock and poultry	283	(X)	206	(X)	57	(X)
Sanitation and rodent and bird control	207	(X)	145	(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	1 031	1 041	743	675
$1,000	26 106	17 669	23 829	14 684
Average per farm—dollars	25 321	16 973	32 071	21 754
Farms by value group:				
$1 to $4,999	131	222	63	84
$5,000 to $9,999	287	263	124	128
$10,000 to $19,999	231	250	184	186

	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	142	141	137	118
$30,000 to $49,999	72	102	72	96
$50,000 to $69,999	71	36	66	36
$70,000 to $99,999	49		49	
$100,000 to $199,999	41	27	41	27
$200,000 or more	7		7	

	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	775	1 187	420	531	458	656	840	1 097	587
Motortrucks including pickups	915	1 265	421	473	618	792	853	1 141	467
Wheel tractors	1 001	2 540	154	220	974	2 320	978	2 137	202
Grain and bean combines, self-propelled only	226	247	26	38	201	209	176	180	31
Corn heads for combines	188	212	28	40	160	172	134	141	33
Other cornpickers and picker-shellers	452	484	33	33	425	451	383	398	53
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	456	466	96	96	360	370	312	322	89
Pickup balers	562	590	91	92	497	498	484	487	63
Field forage harvesters, shear bar or flywheel type	261	320	56	56	215	264	182	200	45

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	339	94	(X)	305	(X)	269	257
Workers	1 550	(X)	206	(X)	1 344	1 353	1 091
Farms with—							
1 worker	67	45	45	74	74	38	106
2 workers	75	17	34	79	158	61	35
3 or 4 workers	114	26	89	83	300	93	51
5 to 9 workers	53	5	(D)	41	264	52	46
10 workers or more	30	1	(D)	28	548	25	19

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	723	(X)	806	(X)	527	(X)	543	(X)
Any cattle, hogs, or sheep	636	(X)	755	(X)	479	(X)	519	(X)
Sales:								
Any livestock or poultry and their products $1,000	647	16 563	757	11 300	499	16 406	531	11 114
Any cattle, hogs, or sheep $1,000	594	5 348	704	(NA)	470	(D)	506	3 589
CATTLE AND CALVES								
Inventory:								
Cattle and calves	552	26 169	677	27 730	425	24 989	468	25 146
Cows and heifers that had calved	414	11 343	490	11 308	321	10 845	345	10 186
Beef cows	263	3 143	312	4 144	182	2 677	196	3 149
Milk cows	178	8 200	223	7 164	159	8 168	175	7 037
Heifers and heifer calves	407	8 777	(NA)	(NA)	320	8 477	335	8 330
Steers, steer calves, bulls and bull calves	462	6 049	(NA)	(NA)	358	5 667	388	6 630
Sales:								
Cattle and calves	491	11 150	594	9 869	403	10 827	434	9 154
$1,000	(X)	3 850	(X)	(NA)	(X)	3 762	(X)	2 405
Calves	249	4 438	(NA)	(NA)	214	4 284	192	3 019
$1,000	(X)	714	(X)	(NA)	(X)	689	(X)	202
Cattle	407	6 712	(NA)	(NA)	341	6 543	396	6 135
$1,000	(X)	3 136	(X)	(NA)	(X)	3 072	(X)	2 203
Fattened cattle	163	3 256	(NA)	(NA)	135	3 189	152	2 858
$1,000	(X)	1 528	(X)	(NA)	(X)	1 503	(X)	1 082
Dairy products $1,000	149	10 010	(NA)	(NA)	148	(D)	155	6 433
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	179	13 438	174	10 772	136	13 039	131	10 449
Used or to be used for breeding	132	1 924	(NA)	(NA)	107	1 849	91	1 120
Other hogs and pigs	148	11 514	(NA)	(NA)	111	11 190	124	9 329
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	134	2 389	120	1 853	108	2 302	100	1 772
Dec. 1 of preceding year and May 31	111	1 145	103	950	94	1 101	89	909
June 1 and Nov. 30	103	1 244	84	903	84	1 201	71	863
Sheep and lambs	60	2 507	96	4 256	32	1 797	62	3 066
Ewes 1 year old or older	55	1 564	(NA)	(NA)	28	1 101	60	1 921
Goats	21	151	(NA)	(NA)	9	55	3	41
Horses and ponies	204	818	214	852	130	537	101	444
Sales:								
Hogs and pigs	170	16 943	178	15 735	134	16 531	137	15 066
$1,000	(X)	1 388	(X)	(NA)	(X)	(D)	(X)	1 104
Feeder pigs	50	3 498	49	2 300	39	3 320	40	2 098
$1,000	(X)	162	(X)	(NA)	(X)	156	(X)	49
Sheep and lambs	57	2 060	89	3 486	30	1 583	62	2 748
Sheep and lambs shorn	57	2 215	(NA)	(NA)	30	1 664	54	2 455
Pounds of wool	(X)	19 128	(X)	(NA)	(X)	14 170	(X)	20 353
Sheep, lambs, and wool $1,000	59	110	(NA)	(NA)	31	86	62	80
Goats	7	54	(NA)	(NA)	2	(D)	2	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	38	100	35	114	24	66	18	82
$1,000	(X)	100	(X)	(NA)	(X)	92	(X)	34
POULTRY								
Inventory:								
Any poultry	138	(X)	170	(X)	89	(X)	86	(X)
Chickens 3 months old or older	116	65 534	164	86 809	73	64 019	80	83 896
Hens and pullets of laying age	114	65 106	156	86 211	72	63 927	78	(D)
Pullets 3 months old or older	15	428	(NA)	(NA)	7	92	2	(D)
Pullet chicks and pullets under 3 months old	4	38	(NA)	(NA)	2	(D)	2	(D)
Broilers and other meat-type chickens	28	21 998	11	363	14	21 565	6	265
Turkeys	12	4 294	(NA)	(NA)	5	4 244	2	(D)
Turkeys for slaughter	7	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	8	(D)	(NA)	(NA)	4	(D)	1	(D)
Other poultry	33	(X)	(NA)	(X)	14	(X)	14	(X)
Sales:								
Any poultry	43	(X)	52	(X)	35	(X)	35	(X)
Chickens 3 months old or older	21	56 239	42	66 018	18	56 191	27	65 398
Hens and pullets of laying age	21	56 239	39	65 761	18	56 191	26	65 315
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	11	(D)	4	249	8	(D)	2	(D)
Turkeys	3	(D)	(NA)	(NA)	3	(D)	3	34 300
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	7	(X)	(NA)	(X)	4	(X)	6	(X)
Poultry and poultry products $1,000	57	1 094	67	1 055	41	1 092	43	1 050

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	663	43 427	(X)	15	1 601	577	42 618	(X)	15	1 601
	1974	731	45 884	(X)	(NA)	(NA)	562	43 851	(X)	3	240
For grain or seed (bushels)	1978	644	37 212	2 959 862	15	1 415	560	36 446	2 919 872	15	1 415
	1974	705	36 883	2 065 339	(NA)	(NA)	545	34 960	1 991 929	3	240
For silage or green chop (tons, green)	1978	163	6 215	80 369	3	186	157	6 172	79 908	3	186
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	184	8 698	87 522	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	193	(X)	–	–
Sorghums for all purposes	1978	16	189	(X)	–	–	15	(D)	(X)	–	–
	1974	18	263	(X)	(NA)	(NA)	14	227	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	15	(D)	938	–	–	14	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	171	1 640	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	302	8 431	307 831	–	–	271	8 019	296 184	–	–
	1974	505	13 454	444 020	(NA)	(NA)	432	12 719	423 498	–	–
Oats for grain (bushels)	1978	266	5 763	333 810	–	–	237	5 486	324 250	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	215	4 262	226 574	–	–
Barley for grain (bushels)	1978	8	280	7 245	–	–	8	280	7 245	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	240	12 086	–	–
Rye for grain (bushels)	1978	5	121	3 305	–	–	5	121	3 305	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	8	149	(X)	–	–	8	149	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	293	(X)	–	–
Soybeans for beans (bushels)	1978	83	3 453	95 494	3	79	78	3 408	94 500	3	79
	1974	40	1 146	19 715	(NA)	(NA)	40	1 146	19 715	–	–
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	15	1 627	1	(D)	3	11	980	–	–
	1974	11	53	10 074	(NA)	(NA)	11	53	10 074	6	37
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	760	33 415	91 678	3	124	568	30 156	86 487	3	124
	1974	706	26 994	59 297	(NA)	(NA)	486	23 056	53 306	–	–
Alfalfa hay (tons, dry)	1978	669	24 837	73 079	2	(D)	506	22 423	69 041	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	398	15 068	38 667	–	–
Other tame dry hay (tons, dry) (see text)	1978	145	3 110	6 324	–	–	104	2 568	5 532	–	–
Field seed crops	1978	14	362	(X)	–	–	13	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	55	878	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	14	362	35 653	–	–	13	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	55	824	80 227	–	–
All vegetables harvested for sale (see text)	1978	51	1 791	(X)	10	194	44	1 786	(X)	8	(D)
	1974	37	860	(X)	(NA)	(NA)	30	841	(X)	6	156
Sweet corn	1978	9	21	(X)	1	(D)	7	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	80	(X)	5	33
Tomatoes	1978	9	4	(X)	4	3	4	2	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	6	(X)	4	6
Green peas excluding cowpeas	1978	16	483	(X)	–	–	16	483	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	285	(X)	4	2
Land in orchards	1978	25	237	(X)	4	(D)	14	211	(X)	3	(D)
	1974	28	269	(X)	(NA)	(NA)	9	210	(X)	1	(D)
Apples (pounds)	1978	20	181	947 350	(NA)	(NA)	11	166	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	188	1 312 040	(NA)	(NA)
Peaches (pounds)	1978	7	22	(D)	(NA)	(NA)	4	22	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	8	6	244	(NA)	(NA)	4	1	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	18	51	(X)	8	37	14	49	(X)	7	(D)
	1974	13	46	(X)	(NA)	(NA)	10	45	(X)	8	24
Strawberries (pounds)	1978	15	23	95 591	8	21	12	21	90 491	7	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	27	106 285	8	24
Nursery and greenhouse products	1978	10	73	(X)	–	–	8	(D)	(X)	–	–
Other crops	1978	28	2 097	(X)	(NA)	(NA)	27	(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	1 168	183 759	1 244	166 836	1 021	177 563	1 045	158 153
Average size of farm	(X)	157	(X)	134	(X)	174	(X)	151
Approximate land area	(X)	286 080	(X)	286 080	(X)	286 080	(X)	286 080
Proportion in farms — percent	(X)	64.2	(X)	58.3	(X)	62.1	(X)	55.3
Value of land and buildings:[1]								
Average per farm — dollars	199 147	(X)	90 688	(X)	216 003	(X)	102 831	(X)
Average per acre — dollars	(X)	1 230	(X)	676	(X)	1 228	(X)	679
Land in farms according to use:								
Total cropland	1 153	158 282	1 222	144 400	1 013	154 662	1 034	139 346
Harvested cropland	1 144	148 160	1 205	133 200	1 006	145 742	1 023	130 454
By acres harvested:								
1 to 9 acres	61	291	88	(NA)	23	106	16	(NA)
10 to 19 acres	105	1 531	101	(NA)	55	816	43	(NA)
20 to 29 acres	98	2 322	98	(NA)	72	1 742	68	(NA)
30 to 49 acres	150	5 601	170	(NA)	129	4 854	152	(NA)
50 to 99 acres	305	21 589	334	(NA)	302	21 398	330	(NA)
100 to 199 acres	216	30 745	227	(NA)	216	30 745	227	(NA)
200 to 499 acres	159	49 392	158	(NA)	159	49 392	158	(NA)
500 to 999 acres	42	26 483	25	(NA)	42	26 483	25	(NA)
1,000 acres or more	8	10 206	4	(NA)	8	10 206	4	(NA)
Cropland used only for pasture	100	2 380	142	4 011	75	2 066	94	2 975
Other cropland	345	7 742	310	7 189	304	6 854	244	5 917
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	93	1 836	(NA)	(NA)	77	1 377	58	887
Cropland on which all crops failed	48	1 039	(NA)	(NA)	39	931	36	720
Cropland in cultivated summer fallow	76	1 218	(NA)	(NA)	65	1 102	70	1 298
Cropland idle	181	3 649	(NA)	(NA)	165	3 444	134	3 012
Total woodland	344	12 391	344	10 642	283	10 679	272	8 942
Woodland pastured	75	2 911	(NA)	(NA)	55	2 164	65	2 273
Woodland not pastured	295	9 480	(NA)	(NA)	249	8 515	227	6 669
Other land	718	13 086	822	11 794	619	12 222	686	9 865
Pastureland and rangeland, other than cropland and woodland pastured	37	3 189	(NA)	(NA)	32	3 014	33	610
Land in house lots, ponds, roads, wasteland, etc	707	9 897	(NA)	(NA)	608	9 208	671	9 255
Pastureland, all types	167	8 480	(NA)	(NA)	131	7 244	(NA)	5 858
Irrigated land	56	3 888	26	921	54	(D)	24	(D)
Harvested cropland irrigated	56	3 888	(NA)	(NA)	54	(D)	24	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	155	2 384	(X)	(X)	149	2 357	(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]	1 168	34 720	1 244	34 879	1 021	34 530	1 045	34 642
Average per farm — dollars	(X)	29 726	(X)	28 038	(X)	33 819	(X)	33 150
Farms by value of agricultural products sold:[1]								
$100,000 or more	89	14 672	78	(NA)	89	14 672	78	(NA)
$40,000 to $99,999	161	9 874	185	(NA)	161	9 874	185	(NA)
$20,000 to $39,999	166	4 575	174	(NA)	166	4 575	174	(NA)
$10,000 to $19,999	230	3 339	250	(NA)	230	3 339	250	(NA)
$5,000 to $9,999	209	1 460	208	(NA)	209	1 460	208	(NA)
$2,500 to $4,999	166	608	133	(NA)	166	608	133	(NA)
Less than $2,500 (see text)	147	190	216	(NA)	(X)	(X)	17	(NA)
$2,000 to $2,499	32	71	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	28	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	41	49	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	46	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 091	31 748	1 169	32 373	979	31 593	(NA)	32 178
Grains	995	17 870	(NA)	(NA)	916	17 752	950	16 241
Commodity Credit Corporation loans	70	492	(NA)	(NA)	69	(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	90	213	(NA)	(NA)	73	200	79	160
Vegetables, sweet corn, and melons	144	2 573	(NA)	(NA)	128	2 560	130	1 885
Fruits, nuts, and berries	15	35	(NA)	(NA)	11	30	9	38
Nursery and greenhouse products	20	839	13	544	16	834	8	536
Other crops	379	10 219	(NA)	(NA)	375	10 217	416	13 319
Livestock, poultry, and their products	211	2 971	279	2 503	174	2 936	211	2 462
Poultry and poultry products	40	(D)	58	177	33	149	48	172
Dairy products	47	1 465	(NA)	(NA)	46	(D)	61	1 149
Cattle and calves	128	869	(NA)	(NA)	109	851	128	867
Hogs and pigs	76	265	(NA)	(NA)	65	257	54	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other livestock and livestock products (see text)	13	217	(NA)	(NA)	10	212	19	191

[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	1 168	1 244	183 759	1 144	183 056	148 160	56	14 056	11 335	3 888
Farms with—										
1 to 9 acres	38	37	173	27	150	96	1	(D)	(D)	(D)
10 to 49 acres	271	305	8 367	261	8 092	6 027	7	147	107	46
50 to 69 acres	112	102	6 571	112	6 571	4 896	5	293	256	106
70 to 99 acres	203	245	16 618	201	16 453	12 405	6	498	393	191
100 to 139 acres	139	154	16 197	139	16 197	12 603	4	460	231	105
140 to 179 acres	105	116	16 640	105	16 640	12 784	4	661	616	299
180 to 219 acres	63	74	12 422	63	12 422	9 981	6	1 185	1 109	350
220 to 259 acres	47	56	11 105	46	10 865	8 765	6	1 456	1 293	629
260 to 499 acres	122	113	42 645	122	42 645	36 128	12	4 026	3 479	1 430
500 to 999 acres	57	38	37 240	57	37 240	31 969	3	1 864	1 796	269
1,000 to 1,999 acres	10	4	(D)	10	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 168	183 759	1 244	166 836	1 021	177 563	1 045	158 153
Harvested cropland	1 144	148 160	1 205	133 200	1 006	145 742	1 023	130 454
Tenure of operator:								
Full owners	592	46 208	725	57 713	465	41 075	551	50 164
Harvested cropland	570	31 481	(NA)	38 710	451	29 464	(NA)	36 524
Part owners	453	122 519	408	97 543	437	121 641	393	96 674
Harvested cropland	452	103 433	(NA)	84 682	437	103 149	(NA)	84 229
Tenants	123	15 032	111	11 580	119	14 847	101	11 315
Harvested cropland	122	13 246	(NA)	9 808	118	13 129	(NA)	9 701
Type of organization:								
Individual or family	1 050	148 891	(NA)	(NA)	912	143 107	960	135 318
Partnership	113	33 041	(NA)	(NA)	104	32 629	80	22 035
Corporation	4	(D)	(NA)	(NA)	4	(D)	5	800
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	591	752	556	679
Other	577	487	465	361
Operators by age group:				
Under 25 years	49	46	47	41
25 to 34 years	161	139	139	105
35 to 44 years	225	209	199	189
45 to 54 years	287	336	259	279
55 to 64 years	303	319	265	279
65 years and over	143	190	112	147
Average age	49.0	50.4	48.7	50.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	910	908	799	775
Not on farm operated	135	154	118	120
Not reported	123	177	104	145
Operators reporting days of work off farm:				
None	414	379	383	319
1 to 49 days	93	55	83	43
50 to 99 days	28	37	28	33
100 to 149 days	32	54	31	54
150 to 199 days	60	57	47	48
200 days or more	496	426	410	324

[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	134	456	194	428	119	446	128	409
Feed for livestock and poultry	189	650	276	406	159	640	193	372
Commercially mixed formula feeds	123	418	208	282	108	411	157	267
Animal health costs	149	52	(NA)	(NA)	122	50	82	15
Seeds, bulbs, plants, and trees	989	1 907	921	1 669	934	1 889	828	1 654
Commercial fertilizer	1 104	5 679	1 091	4 512	1 007	5 629	951	4 467
Other agricultural chemicals including lime	1 020	1 593	758	958	949	1 582	698	954
Hired farm labor	554	1 817	386	1 338	532	1 812	363	1 334
Contract labor	109	361	93	206	109	361	89	202
Customwork, machine hire, and rental of machinery and equipment	575	587	589	527	536	577	512	514
Energy and petroleum products	1 170	2 499	(NA)	(NA)	1 053	2 453	(NA)	(NA)
Petroleum products	1 170	2 148	1 212	1 533	1 053	2 111	1 028	1 490
Gasoline	1 121	1 175	(NA)	(NA)	1 010	1 149	1 016	972
Diesel fuel	607	631	(NA)	(NA)	580	625	395	341
LP gas, butane, and propane	114	113	(NA)	(NA)	108	113	79	33
Fuel oil	121	37	(NA)	(NA)	116	37		
Natural gas	14	50	(NA)	(NA)	14	50	1 028	144
Kerosene, motor oil, and grease	1 170	142	(NA)	(NA)	1 053	137		
Electricity	827	341	(NA)	(NA)	752	333	(NA)	(NA)
Other—coal, wood, coke, etc.	30	10	(NA)	(NA)	24	8	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	1 094	142 384	997	140 641	951	114 007
Cropland fertilized, except pasture	1 094	142 324	997	140 581	(NA)	113 895
Pasture and rangeland fertilized	5	60	5	60	(NA)	112
Lime	12	435	12	435	5	54
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	314	23 315	302	23 174	(NA)	14 064
Nematodes in crops	31	3 003	30	(D)	6	152
Diseases in crops and orchards	113	6 861	112	(D)	49	1 557
Weeds, grass, or brush in crops and pasture	850	113 272	785	112 240	(NA)	73 104
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	18	271	18	271	4	104
Insect control on livestock and poultry	101	(X)	85	(X)	13	(X)
Sanitation and rodent and bird control	83	(X)	83	(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	1 170	1 197	1 053	1 013
$1,000	47 614	30 248	46 796	28 753
Average per farm—dollars	40 696	25 270	44 440	28 384
Farms by value group:				
$1 to $4,999	102	154	72	84
$5,000 to $9,999	165	175	96	110
$10,000 to $19,999	311	326	294	294
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	136	171	136	155
$30,000 to $49,999	147	232	146	231
$50,000 to $69,999	87	66	87	66
$70,000 to $99,999	72	73	72	73
$100,000 to $199,999	125		125	
$200,000 or more	25		25	

	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	904	1 137	590	671	410	466	1 033	1 344	861
Motortrucks including pickups	964	1 779	540	636	751	1 143	1 029	1 726	676
Wheel tractors	1 128	3 298	383	492	1 069	2 806	1 130	3 068	519
Grain and bean combines, self-propelled only	560	588	102	102	464	486	474	500	70
Corn heads for combines	198	200	95	96	104	104	97	101	52
Other cornpickers and picker-shellers	267	268	15	16	252	252	248	261	58
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	135	135	30	30	105	105	117	119	17
Pickup balers	162	162	22	22	140	140	171	172	13
Field forage harvesters, shear bar or flywheel type	55	67	4	4	51	63	43	54	11

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	554	145	(X)	496	(X)	532	363
Workers	2 658	(X)	290	(X)	2 368	2 618	2 791
Farms with—							
1 worker	130	69	69	133	133	120	80
2 workers	120	56	112	81	162	114	40
3 or 4 workers	114	11	36	96	308	108	54
5 to 9 workers	121	9	73	125	785	121	100
10 workers or more	69	–	–	61	980	69	89

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	290	(X)	338	(X)	224	(X)	236	(X)
Any cattle, hogs, or sheep	214	(X)	254	(X)	168	(X)	183	(X)
Sales:								
Any livestock or poultry and their products $1,000	211	2 971	279	2 503	174	2 936	211	2 462
Any cattle, hogs, or sheep $1,000	176	(D)	216	(NA)	150	(D)	166	950
CATTLE AND CALVES								
Inventory:								
Cattle and calves	164	4 882	215	5 987	126	4 532	154	5 393
Cows and heifers that had calved	124	2 005	163	2 312	95	1 877	113	2 013
Beef cows	73	524	93	704	48	409	50	463
Milk cows	54	1 481	92	1 608	50	1 468	71	1 550
Heifers and heifer calves	114	1 705	(NA)	(NA)	87	1 608	93	1 285
Steers, steer calves, bulls and bull calves	133	1 172	(NA)	(NA)	100	1 047	118	2 095
Sales:								
Cattle and calves	128	2 599	165	2 973	109	2 506	128	2 859
$1,000	(X)	869	(X)	(NA)	(X)	851	(X)	867
Calves	70	851	(NA)	(NA)	61	795	60	773
$1,000	(X)	88	(X)	(NA)	(X)	83	(X)	36
Cattle	112	1 748	(NA)	(NA)	98	1 711	112	2 086
$1,000	(X)	781	(X)	(NA)	(X)	768	(X)	831
Fattened cattle	55	1 189	(NA)	(NA)	48	1 170	47	1 433
$1,000	(X)	572	(X)	(NA)	(X)	565	(X)	610
Dairy products $1,000	47	1 465	(NA)	(NA)	46	(D)	61	1 149
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	95	2 918	87	1 606	74	2 724	53	1 341
Used or to be used for breeding	51	640	(NA)	(NA)	41	600	25	161
Other hogs and pigs	87	2 278	(NA)	(NA)	67	2 124	51	1 180
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	56	540	42	251	45	499	29	165
Dec. 1 of preceding year and May 31	48	254	30	143	41	238	20	104
June 1 and Nov. 30	44	286	25	108	35	261	19	61
Sheep and lambs	2	(D)	3	41	1	(D)	1	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
Horses and ponies	56	277	54	377	34	114	31	279
Sales:								
Hogs and pigs	76	4 597	68	1 946	65	4 422	54	1 577
$1,000	(X)	265	(X)	(NA)	(X)	251	(X)	(D)
Feeder pigs	24	2 709	15	921	20	2 604	12	671
$1,000	(X)	99	(X)	(NA)	(X)	96	(X)	15
Sheep and lambs	1	(D)	3	26	1	(D)	1	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	4	10	15	68	2	(D)	6	9
$1,000	(X)	8	(X)	(NA)	(X)	(D)	(X)	11
POULTRY								
Inventory:								
Any poultry	100	(X)	145	(X)	76	(X)	86	(X)
Chickens 3 months old or older	87	8 959	135	20 140	68	8 407	76	17 293
Hens and pullets of laying age	83	8 706	134	17 504	67	8 246	75	14 918
Pullets 3 months old or older	12	253	(NA)	(NA)	6	161	3	1 835
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	26	1 575	27	1 082	14	1 155	21	986
Turkeys	1	(D)	(NA)	(NA)	–	–	2	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	1	(D)
Other poultry	13	(X)	(NA)	(X)	8	(X)	6	(X)
Sales:								
Any poultry	26	(X)	36	(X)	21	(X)	32	(X)
Chickens 3 months old or older	15	(D)	28	6 368	15	(D)	24	5 773
Hens and pullets of laying age	15	(D)	28	6 153	15	(D)	24	5 558
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	10	1 325	13	2 062	6	840	13	2 062
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)
Poultry and poultry products $1,000	40	(D)	58	177	33	149	48	172

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	669	46 976	(X)	12	626	624	46 561	(X)	11	(D)
	1974	539	24 850	(X)	(NA)	(NA)	470	24 194	(X)	1	(D)
For grain or seed (bushels)	1978	656	45 511	4 293 005	12	(D)	615	45 139	4 266 036	11	(D)
	1974	515	23 043	1 669 382	(NA)	(NA)	453	22 482	1 644 649	1	(D)
For silage or green chop (tons, green)	1978	50	(D)	20 899	1	(D)	46	(D)	20 649	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	55	1 633	18 574	–	–
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	79	(X)	–	–
Sorghums for all purposes	1978	6	67	(X)	–	–	5	(D)	(X)	–	–
	1974	11	238	(X)	(NA)	(NA)	9	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	6	67	359	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	126	1 718	–	–
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)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	281	5 083	228 721	–	–	270	4 956	224 140	–	–
	1974	775	19 142	877 966	(NA)	(NA)	710	18 471	855 231	3	47
Oats for grain (bushels)	1978	212	2 792	181 186	1	(D)	189	2 588	170 709	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	150	1 680	104 248	–	–
Barley for grain (bushels)	1978	5	30	1 920	–	–	5	30	1 920	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	12	88	3 086	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	93	3 817	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	359	14 812	359 092	1	(D)	327	14 387	351 861	1	(D)
	1974	122	4 265	94 517	(NA)	(NA)	119	4 220	93 835	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	88	5 323	1 080 732	30	2 335	84	5 319	1 080 167	30	2 335
	1974	140	5 135	853 064	(NA)	(NA)	126	5 124	851 748	10	438
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	128	15 280	(NA)	(NA)	3	128	15 280	–	–
Hay crops (tons, dry) (see text)	1978	215	5 466	13 050	1	(D)	162	4 680	11 912	–	–
	1974	222	4 784	11 784	(NA)	(NA)	158	3 895	10 437	–	–
Alfalfa hay (tons, dry)	1978	186	4 185	10 928	1	(D)	145	3 670	10 089	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	118	2 637	7 891	–	–
Other tame dry hay (tons, dry) (see text)	1978	26	460	971	–	–	17	325	800	–	–
Field seed crops	1978	3	(D)	(X)	1	(D)	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	1	(D)	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	144	3 757	(X)	15	426	128	3 714	(X)	14	(D)
	1974	163	3 563	(X)	(NA)	(NA)	132	3 470	(X)	4	141
Sweet corn	1978	60	303	(X)	4	33	50	273	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	46	221	(X)	1	(D)
Tomatoes	1978	52	268	(X)	6	49	45	265	(X)	6	49
	1974	(NA)	(NA)	(X)	(NA)	(NA)	48	139	(X)	2	(D)
Green peas excluding cowpeas	1978	4	(D)	(X)	1	(D)	4	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	40	(X)	–	–
Land in orchards	1978	20	50	(X)	–	–	16	37	(X)	–	–
	1974	14	39	(X)	(NA)	(NA)	8	30	(X)	–	–
Apples (pounds)	1978	18	36	136 275	(NA)	(NA)	14	25	126 275	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	27	476 850	(NA)	(NA)
Peaches (pounds)	1978	3	1	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	12	8	47 775	(NA)	(NA)	9	7	39 755	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	3	(D)	(NA)	(NA)
Berries	1978	14	17	(X)	3	10	11	16	(X)	3	10
	1974	7	10	(X)	(NA)	(NA)	5	(D)	(X)	1	(D)
Strawberries (pounds)	1978	11	13	42 273	2	(D)	8	11	36 203	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	20	102	(X)	7	9	16	89	(X)	7	9
Other crops	1978	691	64 546	(X)	(NA)	(NA)	664	64 160	(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	176	26 802	177	33 051	113	22 332	104	25 184
Average size of farm	(X)	152	(X)	187	(X)	198	(X)	242
Approximate land area	(X)	202 240	(X)	202 240	(X)	202 240	(X)	202 240
Proportion in farms, percent	(X)	13.3	(X)	16.3	(X)	11.0	(X)	12.5
Value of land and buildings:[1]								
Average per farm, dollars	109 688	(X)	74 073	(X)	144 905	(X)	101 135	(X)
Average per acre, dollars	(X)	755	(X)	397	(X)	764	(X)	418
Land in farms according to use:								
Total cropland	173	12 802	173	15 462	112	10 901	101	10 993
Harvested cropland	164	7 874	162	7 711	109	6 912	100	6 732
By acres harvested:								
1 to 9 acres	37	194	28	(NA)	20	112	9	(NA)
10 to 19 acres	29	386	42	(NA)	11	145	14	(NA)
20 to 29 acres	27	643	22	(NA)	14	344	14	(NA)
30 to 49 acres	33	1 260	23	(NA)	28	(D)	16	(NA)
50 to 99 acres	19	1 336	22	(NA)	17	(D)	22	(NA)
100 to 199 acres	10	1 373	19	(NA)	10	1 373	19	(NA)
200 to 499 acres	9	2 682	6	(NA)	9	2 682	6	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	44	2 105	68	3 936	26	1 769	22	1 352
Other cropland	80	2 823	86	3 815	50	2 220	63	2 909
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	37	696	(NA)	(NA)	23	504	15	(D)
Cropland on which all crops failed	6	84	(NA)	(NA)	2	(D)	1	(D)
Cropland in cultivated summer fallow	10	215	(NA)	(NA)	6	(D)	15	672
Cropland idle	51	1 828	(NA)	(NA)	33	1 506	45	1 806
Total woodland	132	7 927	137	11 026	81	6 067	90	9 184
Woodland pastured	32	941	(NA)	(NA)	18	520	16	619
Woodland not pastured	114	6 986	(NA)	(NA)	73	5 547	81	8 565
Other land	139	6 073	142	6 563	93	5 364	89	5 007
Pastureland and rangeland, other than cropland and woodland pastured	22	2 078	(NA)	(NA)	17	2 022	30	2 791
Land in house lots, ponds, roads, wasteland, etc	136	3 995	(NA)	(NA)	91	3 342	86	2 216
Pastureland, all types	71	5 124	(NA)	(NA)	42	4 311	(NA)	4 762
Irrigated land	24	613	9	150	21	608	9	150
Harvested cropland irrigated	24	(D)	(NA)	(NA)	21	(D)	9	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	9	112	(X)	(X)	7	(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]	176	6 178	177	3 518	113	6 114	104	3 458
Average per farm, dollars	(X)	35 100	(X)	19 876	(X)	54 109	(X)	33 250
Farms by value of agricultural products sold:[1]								
$100,000 or more	19	3 748	5	(NA)	19	3 748	5	(NA)
$40,000 to $99,999	22	1 565	31	(NA)	22	1 565	31	(NA)
$20,000 to $39,999	12	361	15	(NA)	12	361	15	(NA)
$10,000 to $19,999	16	220	22	(NA)	16	220	22	(NA)
$5,000 to $9,999	22	142	21	(NA)	22	142	21	(NA)
$2,500 to $4,999	22	78	8	(NA)	22	78	8	(NA)
Less than $2,500 (see text)	63	63	75	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	7	15	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	10	17	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	19	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	27	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	131	5 093	135	(D)	97	5 055	(NA)	(D)
Grains	14	21	(NA)	(NA)	7	(D)	12	34
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	31	105	(NA)	(NA)	16	90	29	93
Vegetables, sweet corn, and melons	9	18	(NA)	(NA)	6	16	6	17
Fruits, nuts, and berries	93	4 931	(NA)	(NA)	82	4 917	77	2 429
Nursery and greenhouse products	4	18	3	(D)	3	(D)	2	(D)
Other crops	–	–	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	67	1 084	75	672	45	1 060	41	(D)
Poultry and poultry products	7	2	10	4	2	(D)	4	(D)
Dairy products	4	(D)	(NA)	(NA)	4	(D)	6	126
Cattle and calves	40	627	(NA)	(NA)	25	611	32	247
Hogs and pigs	13	(D)	(NA)	(NA)	8	(D)	6	253
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	21	25	(NA)	(NA)	17	22	6	17

[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	176	177	26 802	164	26 120	7 874	24	6 127	1 989	613
Farms with—										
1 to 9 acres	3	4	12	2	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	46	30	1 218	41	1 092	415	2	(D)	(D)	(D)
50 to 69 acres	19	7	1 084	18	1 027	418	1	(D)	(D)	(D)
70 to 99 acres	28	29	2 311	25	2 072	721	4	335	85	28
100 to 139 acres	21	31	2 433	20	2 333	673	1	(D)	(D)	(D)
140 to 179 acres	14	16	2 183	13	2 025	465	3	453	188	43
180 to 219 acres	14	15	2 764	14	2 764	800	4	802	193	100
220 to 259 acres	4	14	970	4	970	337	–	–	–	–
260 to 499 acres	16	18	5 638	16	5 638	2 105	6	2 141	864	106
500 to 999 acres	10	12	(D)	10	6 989	1 472	1	(D)	(D)	(D)
1,000 to 1,999 acres	1	–	(D)	1	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	176	26 802	177	33 051	113	22 332	104	25 184
Harvested cropland	164	7 874	162	7 711	109	6 912	100	6 732
Tenure of operator:								
Full owners	133	15 980	132	19 844	80	12 154	68	13 553
Harvested cropland	121	3 551	(NA)	4 216	76	(D)	(NA)	3 361
Part owners	38	10 423	40	12 447	29	(D)	31	10 871
Harvested cropland	38	4 214	(NA)	3 425	29	3 878	(NA)	3 301
Tenants	5	399	5	760	4	(D)	5	760
Harvested cropland	5	109	(NA)	70	4	(D)	(NA)	70
Type of organization:								
Individual or family	157	20 409	(NA)	(NA)	96	16 091	90	17 386
Partnership	17	(D)	(NA)	(NA)	15	(D)	10	5 763
Corporation	2	(D)	(NA)	(NA)	2	(D)	4	2 035
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	80	95	69	76
Other	96	78	44	24
Operators by age group:				
Under 25 years	3	–	3	–
25 to 34 years	21	16	12	5
35 to 44 years	34	33	20	19
45 to 54 years	34	36	19	27
55 to 64 years	46	42	31	29
65 years and over	38	46	28	20
Average age	52.5	54.1	53.4	53.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	128	128	85	69
Not on farm operated	30	27	14	21
Not reported	18	18	14	10
Operators reporting days of work off farm:				
None	54	57	44	40
1 to 49 days	17	13	13	13
50 to 99 days	6	9	5	4
100 to 149 days	13	3	8	2
150 to 199 days	6	14	2	6
200 days or more	74	57	36	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	46	549	34	149	30	539	17	131
Feed for livestock and poultry	55	298	82	225	37	283	35	198
Commercially mixed formula feeds	28	78	41	60	14	70	11	45
Animal health costs	51	16	(NA)	(NA)	41	15	23	5
Seeds, bulbs, plants, and trees	90	72	72	37	71	69	48	35
Commercial fertilizer	116	211	127	194	91	201	78	180
Other agricultural chemicals including lime	115	308	92	199	93	303	75	196
Hired farm labor	79	647	85	605	63	640	71	599
Contract labor	12	89	9	37	10	(D)	9	37
Customwork, machine hire, and rental of machinery and equipment	70	87	63	47	37	75	37	43
Energy and petroleum products	173	224	(NA)	(NA)	111	202	(NA)	(NA)
Petroleum products	173	176	176	155	111	162	104	139
Gasoline	163	115	(NA)	(NA)	101	103	98	90
Diesel fuel	80	41	(NA)	(NA)	72	40	53	26
LP gas, butane, and propane	6	(D)	(NA)	(NA)	4	(D)	15	8
Fuel oil	22	6	(NA)	(NA)	20	(D)		
Natural gas	1	(D)	(NA)	(NA)	1	(D)	104	16
Kerosene, motor oil, and grease	173	13	(NA)	(NA)	111	12		
Electricity	105	42	(NA)	(NA)	76	36	(NA)	(NA)
Other—coal, wood, coke, etc.	15	6	(NA)	(NA)	9	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	116	6 401	91	5 863	78	5 035
Cropland fertilized, except pasture	114	6 309	91	5 863	(NA)	4 273
Pasture and rangeland fertilized	6	92	–	–	(NA)	762
Lime	31	955	23	833	14	323
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	37	1 643	31	1 571	(NA)	2 462
Nematodes in crops	16	194	14	(D)	1	(D)
Diseases in crops and orchards	86	4 248	72	4 170	39	2 542
Weeds, grass, or brush in crops and pasture	62	2 961	52	2 857	(NA)	1 789
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	35	651	27	623	11	466
Insect control on livestock and poultry	28	(X)	20	(X)	3	(X)
Sanitation and rodent and bird control	23	(X)	23	(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	177	113	104
$1,000	4 203	2 856	3 769	2 218
Average per farm—dollars	24 018	16 136	33 358	21 327
Farms by value group:				
$1 to $4,999	34	37	24	18
$5,000 to $9,999	49	40	13	8
$10,000 to $19,999	29	46	17	27

	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	19	29	15	27
$30,000 to $49,999	20	15	20	14
$50,000 to $69,999	6	9	6	9
$70,000 to $99,999	9		9	
$100,000 to $199,999	8	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	128	207	71	81	78	126	145	190	98
Motortrucks including pickups	130	193	58	76	90	117	152	237	77
Wheel tractors	155	330	46	70	134	260	164	345	49
Grain and bean combines, self-propelled only	5	5	2	(D)	3	(D)	2	(D)	–
Corn heads for combines	3	3	3	3	–	–	–	–	–
Other cornpickers and picker-shellers	10	10	–	–	10	10	19	19	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	38	38	17	17	21	21	31	32	16
Pickup balers	27	30	12	12	16	18	27	31	8
Field forage harvesters, shear bar or flywheel type	22	22	8	8	14	14	21	22	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	79	23	(X)	73	(X)	63	71
Workers	765	(X)	46	(X)	719	733	1 126
Farms with—							
1 worker	18	13	13	15	(D)	10	8
2 workers	2	4	8	2	(D)	2	6
3 or 4 workers	31	4	(D)	32	104	23	5
5 to 9 workers	11	2	(D)	7	46	11	13
10 workers or more	17	–	–	17	550	17	39

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	78	(X)	88	(X)	47	(X)	45	(X)
Any cattle, hogs, or sheep	57	(X)	77	(X)	30	(X)	37	(X)
Sales:								
Any livestock or poultry and their products $1,000	67	1 084	75	672	45	1 060	41	(D)
Any cattle, hogs, or sheep $1,000	47	(D)	67	(NA)	29	(D)	37	500
CATTLE AND CALVES								
Inventory:								
Cattle and calves	51	1 506	69	2 539	26	1 335	32	2 056
Cows and heifers that had calved	43	522	54	1 223	23	455	27	983
Beef cows	36	391	44	1 081	20	331	22	856
Milk cows	9	131	12	142	4	124	6	127
Heifers and heifer calves	28	318	(NA)	(NA)	19	297	25	448
Steers, steer calves, bulls and bull calves	46	666	(NA)	(NA)	24	583	26	625
Sales:								
Cattle and calves	40	1 233	56	1 163	25	1 183	32	1 053
$1,000	(X)	627	(X)	(NA)	(X)	611	(X)	247
Calves	20	103	(NA)	(NA)	13	89	9	399
$1,000	(X)	23	(X)	(NA)	(X)	19	(X)	55
Cattle	37	1 130	(NA)	(NA)	24	1 094	29	654
$1,000	(X)	604	(X)	(NA)	(X)	591	(X)	191
Fattened cattle	18	986	(NA)	(NA)	11	973	10	252
$1,000	(X)	545	(X)	(NA)	(X)	540	(X)	85
Dairy products $1,000	4	(D)	(NA)	(NA)	4	(D)	6	126
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	13	(D)	22	1 791	7	(D)	6	1 600
Used or to be used for breeding	8	29	(NA)	(NA)	3	19	3	37
Other hogs and pigs	12	(D)	(NA)	(NA)	7	(D)	6	1 563
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	9	38	12	111	3	19	3	88
Dec. 1 of preceding year and May 31	8	18	10	51	2	(D)	3	34
June 1 and Nov. 30	6	20	7	60	2	(D)	3	54
Sheep and lambs	–	–	–	–	–	–	–	–
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	–	–
Goats	3	5	(NA)	(NA)	1	(D)	–	–
Horses and ponies	17	78	21	57	9	61	10	28
Sales:								
Hogs and pigs	13	2 646	20	3 651	8	(D)	6	3 542
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	253
Feeder pigs	7	173	8	563	3	94	3	507
$1,000	(X)	6	(X)	(NA)	(X)	4	(X)	12
Sheep and lambs	–	–	–	–	–	–	–	–
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	–	–	(NA)	(NA)	–	–	–	–
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	5	15	–	–	3	(D)	–	–
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	20	(X)	20	(X)	7	(X)	8	(X)
Chickens 3 months old or older	18	347	16	494	6	122	8	374
Hens and pullets of laying age	18	347	16	485	6	122	8	365
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	324	6	380	2	(D)	1	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	4	(X)	(NA)	(X)	2	(X)	2	(X)
Sales:								
Any poultry	4	(X)	10	(X)	2	(X)	4	(X)
Chickens 3 months old or older	–	–	8	539	–	–	2	(D)
Hens and pullets of laying age	–	–	8	539	–	–	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	2	(X)	(NA)	(X)	1	(X)	2	(X)
Poultry and poultry products $1,000	7	2	10	4	2	(D)	4	(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	38	1 311	(X)	–	–	24	1 184	(X)	–	–
	1974	49	1 115	(X)	(NA)	(NA)	21	864	(X)	–	–
For grain or seed (bushels)	1978	23	475	39 064	–	–	11	379	33 479	–	–
	1974	34	396	22 119	(NA)	(NA)	14	297	18 379	–	–
For silage or green chop (tons, green)	1978	23	836	9 593	–	–	18	805	9 375	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	550	8 063	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	17	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	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)	–	–	–	–	–	–	–
	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	3	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	5	40	1 310	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	6	59	1 752	–	–	3	29	982	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	3	31	340	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	107	2 602	–	–
Other small grains for grain	1978	1	(D)	(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)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	68	2 118	4 133	–	–	36	1 506	3 374	–	–
	1974	78	2 084	3 353	(NA)	(NA)	38	1 476	2 661	–	–
Alfalfa hay (tons, dry)	1978	62	1 847	3 532	–	–	32	1 282	2 830	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	1 293	2 377	–	–
Other tame dry hay (tons, dry) (see text)	1978	7	116	205	–	–	4	89	152	–	–
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	9	25	(X)	3	6	6	16	(X)	2	(D)
	1974	6	20	(X)	(NA)	(NA)	6	20	(X)	1	(D)
Sweet corn	1978	6	11	(X)	1	(D)	3	4	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	13	(X)	1	(D)
Tomatoes	1978	4	2	(X)	2	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	102	4 258	(X)	18	571	79	4 079	(X)	17	(D)
	1974	87	4 361	(X)	(NA)	(NA)	76	4 297	(X)	3	103
Apples (pounds)	1978	51	1 251	11 652 130	(NA)	(NA)	36	1 184	11 580 008	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 388	13 413 166	(NA)	(NA)
Peaches (pounds)	1978	17	62	209 340	(NA)	(NA)	13	60	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	54	283 050	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	21	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	11	53	(X)	6	24	10	(D)	(X)	5	(D)
	1974	10	42	(X)	(NA)	(NA)	10	42	(X)	6	35
Strawberries (pounds)	1978	6	33	180 160	4	14	6	33	180 160	4	14
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	35	159 100	6	35
Nursery and greenhouse products	1978	4	7	(X)	1	(D)	3	(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	1 926	197 025	1 959	196 077	1 432	178 678	1 352	173 918
Average size of farm	(X)	102	(X)	100	(X)	125	(X)	129
Approximate land area	(X)	371 200	(X)	371 200	(X)	371 200	(X)	371 200
Proportion in farms — percent	(X)	53.1	(X)	52.8	(X)	48.1	(X)	46.9
Value of land and buildings:[1]								
Average per farm — dollars	121 989	(X)	75 087	(X)	145 639	(X)	92 987	(X)
Average per acre — dollars	(X)	1 221	(X)	750	(X)	1 200	(X)	723
Land in farms according to use:								
Total cropland	1 899	153 501	1 940	151 821	1 417	142 901	1 345	139 371
Harvested cropland	1 860	122 756	1 911	121 558	1 401	117 090	1 338	114 536
By acres harvested:								
1 to 9 acres	457	2 305	449	(NA)	199	1 072	114	(NA)
10 to 19 acres	327	4 414	312	(NA)	199	2 761	167	(NA)
20 to 29 acres	214	5 103	222	(NA)	170	4 094	163	(NA)
30 to 49 acres	260	9 840	262	(NA)	235	8 965	233	(NA)
50 to 99 acres	277	19 417	336	(NA)	274	(D)	332	(NA)
100 to 199 acres	174	24 161	201	(NA)	174	24 161	201	(NA)
200 to 499 acres	121	35 699	108	(NA)	121	35 699	108	(NA)
500 to 999 acres	26	17 023	18	(NA)	25	(D)	17	(NA)
1,000 acres or more	4	4 794	3	(NA)	4	4 794	3	(NA)
Cropland used only for pasture	323	7 202	373	8 319	231	6 281	252	6 663
Other cropland	1 072	23 543	990	21 944	814	19 530	732	18 172
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	378	6 894	(NA)	(NA)	299	6 014	268	5 445
Cropland on which all crops failed	145	2 595	(NA)	(NA)	102	2 089	94	2 006
Cropland in cultivated summer fallow	142	2 424	(NA)	(NA)	123	2 211	145	2 575
Cropland idle	709	11 630	(NA)	(NA)	523	9 216	423	8 146
Total woodland	829	17 602	828	20 308	649	15 053	603	15 994
Woodland pastured	122	1 782	(NA)	(NA)	92	1 448	120	2 916
Woodland not pastured	760	15 820	(NA)	(NA)	597	13 605	519	13 078
Other land	1 571	25 922	1 676	23 948	1 181	20 724	1 169	18 553
Pastureland and rangeland, other than cropland and woodland pastured	128	4 570	(NA)	(NA)	108	3 967	93	1 993
Land in house lots, ponds, roads, wasteland, etc	1 549	21 352	(NA)	(NA)	1 161	16 757	1 151	16 560
Pastureland, all types	472	13 554	(NA)	(NA)	350	11 696	(NA)	11 572
Irrigated land	233	6 595	255	7 054	218	6 547	230	6 979
Harvested cropland irrigated	229	6 536	(NA)	(NA)	216	(D)	230	6 931
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	12	59	(NA)	(NA)	10	(D)	6	48
Land set aside in the federal farm programs in 1978	284	4 485	(X)	(X)	253	4 247	(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]	1 926	53 946	1 959	42 310	1 432	52 946	1 352	41 380
Average per farm — dollars	(X)	28 009	(X)	21 598	(X)	36 974	(X)	30 607
Farms by value of agricultural products sold:[1]								
$100,000 or more	121	26 446	85	(NA)	121	26 446	85	(NA)
$40,000 to $99,999	226	14 220	191	(NA)	226	14 220	191	(NA)
$20,000 to $39,999	179	4 994	205	(NA)	179	4 994	205	(NA)
$10,000 to $19,999	275	3 891	274	(NA)	275	3 891	274	(NA)
$5,000 to $9,999	321	2 290	307	(NA)	321	2 290	307	(NA)
$2,500 to $4,999	310	1 106	255	(NA)	310	1 106	255	(NA)
Less than $2,500 (see text)	492	(D)	640	(NA)	(X)	(X)	35	(NA)
$2,000 to $2,499	94	206	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	81	138	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	110	136	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	207	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	1 728	44 281	1 827	35 615	1 358	43 778	(NA)	35 050
Grains	848	10 015	(NA)	(NA)	712	9 830	705	5 836
Commodity Credit Corporation loans	71	440	(NA)	(NA)	65	430	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	202	560	(NA)	(NA)	150	517	177	302
Vegetables, sweet corn, and melons	436	7 878	(NA)	(NA)	384	7 832	432	7 040
Fruits, nuts, and berries	1 005	22 203	(NA)	(NA)	825	21 992	840	18 451
Nursery and greenhouse products	74	3 468	91	3 335	60	3 449	66	3 302
Other crops	29	158	(NA)	(NA)	29	158	28	120
Livestock, poultry, and their products	477	9 665	493	6 674	376	9 168	357	6 315
Poultry and poultry products	70	1 816	95	1 361	56	1 814	55	1 356
Dairy products	53	2 701	(NA)	(NA)	52	(D)	72	2 130
Cattle and calves	259	1 378	(NA)	(NA)	213	1 281	234	1 104
Hogs and pigs	171	3 501	(NA)	(NA)	145	3 482	147	1 684
Sheep, lambs, and wool	27	35	(NA)	(NA)	19	(D)	13	3
Other livestock and livestock products (see text)	84	233	(NA)	(NA)	53	208	29	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	1 926	1 959	197 025	1 860	195 161	122 756	233	38 817	27 182	6 595
Farms with—										
1 to 9 acres	118	120	593	101	552	378	13	63	46	39
10 to 49 acres	848	787	22 786	810	21 861	11 266	53	1 455	725	311
50 to 69 acres	181	193	10 561	176	10 273	5 553	21	1 187	783	330
70 to 99 acres	227	286	18 419	223	18 109	10 300	33	2 795	1 793	419
100 to 139 acres	145	177	16 736	144	16 606	9 895	22	2 596	1 899	497
140 to 179 acres	119	126	18 514	118	18 344	10 397	21	3 237	2 067	445
180 to 219 acres	61	64	11 897	61	11 897	7 177	10	1 981	1 450	414
220 to 259 acres	51	38	12 127	51	12 127	7 932	12	2 888	2 015	249
260 to 499 acres	115	120	39 180	115	39 180	27 135	35	12 044	8 487	2 017
500 to 999 acres	48	41	29 951	48	29 951	20 809	10	7 321	4 902	1 324
1,000 to 1,999 acres	13	7	16 261	13	16 261	11 914	3	3 250	3 015	550
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 926	197 025	1 959	196 077	1 432	178 678	1 352	173 918
Harvested cropland	1 860	122 756	1 911	121 558	1 401	117 090	1 338	114 536
Tenure of operator:								
Full owners	1 343	85 336	1 437	96 331	911	71 847	888	78 339
Harvested cropland	1 285	43 734	(NA)	50 035	886	39 911	(NA)	44 898
Part owners	475	101 539	459	91 127	435	97 467	410	87 184
Harvested cropland	468	71 938	(NA)	65 684	430	70 438	(NA)	63 893
Tenants	108	10 150	63	8 619	86	9 364	54	8 395
Harvested cropland	107	7 084	(NA)	5 839	85	6 741	(NA)	5 745
Type of organization:								
Individual or family	1 741	154 325	(NA)	(NA)	1 268	138 925	1 235	144 503
Partnership	155	34 364	(NA)	(NA)	139	33 596	101	24 765
Corporation	19	5 211	(NA)	(NA)	19	5 211	12	3 587
Other—cooperative, estate or trust, institutional, etc.	11	3 125	(NA)	(NA)	6	946	4	1 063

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	943	1 058	831	903
Other	983	883	601	433
Operators by age group:				
Under 25 years	31	24	19	15
25 to 34 years	209	139	158	91
35 to 44 years	327	355	223	229
45 to 54 years	473	455	361	337
55 to 64 years	494	546	389	385
65 years and over	392	422	282	279
Average age	52.1	53.7	52.3	53.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 549	1 527	1 176	1 092
Not on farm operated	210	185	145	106
Not reported	167	229	111	138
Operators reporting days of work off farm:				
None	734	610	617	497
1 to 49 days	106	98	86	71
50 to 99 days	68	57	54	43
100 to 149 days	55	45	47	33
150 to 199 days	94	79	74	57
200 days or more	803	778	502	405

[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	235	1 952	379	781	187	1 936	220	745
Feed for livestock and poultry	474	2 551	571	2 135	344	2 500	358	1 974
Commercially mixed formula feeds	229	1 784	415	1 528	165	1 767	280	1 471
Animal health costs	325	126	(NA)	(NA)	249	114	239	76
Seeds, bulbs, plants, and trees	1 390	1 870	1 343	1 433	1 145	1 831	1 024	1 388
Commercial fertilizer	1 589	3 138	1 646	3 311	1 290	3 008	1 211	3 167
Other agricultural chemicals including lime	1 694	3 147	1 371	2 369	1 315	3 056	1 043	2 312
Hired farm labor	1 048	11 224	994	6 776	958	11 115	809	6 632
Contract labor	253	1 037	96	862	217	1 023	80	857
Customwork, machine hire, and rental of machinery and equipment	1 001	1 432	992	1 143	842	1 354	802	1 098
Energy and petroleum products	1 920	3 472	(NA)	(NA)	1 429	3 290	(NA)	(NA)
Petroleum products	1 920	2 811	1 923	2 111	1 429	2 657	1 338	1 990
Gasoline	1 880	1 670	(NA)	(NA)	1 389	1 559	1 320	1 307
Diesel fuel	734	535	(NA)	(NA)	618	519	469	271
LP gas, butane, and propane	245	219	(NA)	(NA)	244	(D)	237	130
Fuel oil	244	107	(NA)	(NA)	238	107	1 338	282
Natural gas	44	80	(NA)	(NA)	43	(D)		
Kerosene, motor oil, and grease	1 920	199	(NA)	(NA)	1 429	173		
Electricity	1 365	656	(NA)	(NA)	1 111	628	(NA)	(NA)
Other—coal, wood, coke, etc.	54	6	(NA)	(NA)	33	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		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	1 549	103 843	1 261	100 286	1 211	90 105
Cropland fertilized, except pasture	1 537	103 079	1 255	99 540	(NA)	89 252
Pasture and rangeland fertilized	50	764	44	746	(NA)	853
Lime	290	7 383	248	7 009	175	4 887
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	859	42 981	669	41 032	(NA)	33 739
Nematodes in crops	104	2 929	86	2 791	32	697
Diseases in crops and orchards	959	37 058	769	35 963	358	19 270
Weeds, grass, or brush in crops and pasture	849	50 392	717	48 203	(NA)	42 188
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	188	5 137	161	4 913	57	1 971
Insect control on livestock and poultry	199	(X)	175	(X)	38	(X)
Sanitation and rodent and bird control	294	(X)	255	(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	1 925	1 916	1 429	1 332
$1,000	51 387	35 556	46 114	30 932
Average per farm—dollars	26 694	18 557	32 270	23 222
Farms by value group:				
$1 to $4,999	194	373	99	139
$5,000 to $9,999	460	446	215	254
$10,000 to $19,999	509	470	422	343

ALL MACHINERY AND EQUIPMENT—Con.	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	218	294	186	272
$30,000 to $49,999	258	178	231	170
$50,000 to $69,999	115	86	106	85
$70,000 to $99,999	81	69	81	69
$100,000 to $199,999	70		69	
$200,000 or more	20		20	

	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	1 370	1 950	759	898	797	1 052	1 569	2 121	1 192
Motortrucks including pickups	1 714	3 026	955	1 173	1 229	1 853	1 702	2 804	1 106
Wheel tractors	1 814	5 356	428	635	1 751	4 721	1 813	4 724	629
Grain and bean combines, self-propelled only	339	355	81	81	262	274	233	237	59
Corn heads for combines	284	288	86	86	202	202	172	178	54
Other cornpickers and picker-shellers	278	313	36	36	242	277	376	390	33
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	313	353	130	137	193	216	218	232	61
Pickup balers	295	319	78	79	223	240	322	323	44
Field forage harvesters, shear bar or flywheel type	109	131	34	34	76	97	127	138	26

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	1 048	341	(X)	994	(X)	958	809
Workers	16 458	(X)	991	(X)	15 467	16 176	16 614
Farms with—							
1 worker	168	141	141	145	145	148	126
2 workers	102	59	118	109	218	85	66
3 or 4 workers	173	87	288	166	534	138	82
5 to 9 workers	188	46	287	160	1 048	171	137
10 workers or more	417	8	157	414	13 522	416	398

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	616	(X)	606	(X)	446	(X)	407	(X)
Any cattle, hogs, or sheep	410	(X)	456	(X)	306	(X)	330	(X)
Sales:								
Any livestock or poultry and their products $1,000	477	9 665	493	6 674	376	9 168	357	6 315
Any cattle, hogs, or sheep $1,000	378	4 914	397	(NA)	306	(D)	313	2 791
CATTLE AND CALVES								
Inventory:								
Cattle and calves	310	8 575	365	9 727	222	7 315	261	8 203
Cows and heifers that had calved	215	3 824	244	4 237	159	3 304	173	3 563
Beef cows	146	1 608	150	1 552	100	1 402	88	1 204
Milk cows	75	2 216	111	2 685	65	1 902	93	2 359
Heifers and heifer calves	206	2 648	(NA)	(NA)	159	2 186	151	2 135
Steers, steer calves, bulls and bull calves	253	2 103	(NA)	(NA)	183	1 825	210	2 505
Sales:								
Cattle and calves	259	4 090	289	4 734	213	3 678	234	4 213
$1,000	(X)	1 378	(X)	(NA)	(X)	1 281	(X)	1 104
Calves	107	1 507	(NA)	(NA)	89	1 286	104	1 306
$1,000	(X)	215	(X)	(NA)	(X)	195	(X)	91
Cattle	231	2 583	(NA)	(NA)	193	2 392	211	2 907
$1,000	(X)	1 163	(X)	(NA)	(X)	1 086	(X)	1 014
Fattened cattle	127	1 406	(NA)	(NA)	103	1 334	107	1 737
$1,000	(X)	644	(X)	(NA)	(X)	620	(X)	639
Dairy products $1,000	53	2 701	(NA)	(NA)	52	(D)	72	2 130
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	168	20 658	165	11 836	140	20 353	134	11 469
Used or to be used for breeding	114	3 591	(NA)	(NA)	100	3 531	96	1 997
Other hogs and pigs	159	17 067	(NA)	(NA)	132	16 822	124	9 472
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	121	4 162	128	2 777	106	4 119	110	2 687
Dec. 1 of preceding year and May 31	102	1 955	105	1 415	91	1 937	89	1 367
June 1 and Nov. 30	106	2 207	107	1 362	94	2 182	94	1 320
Sheep and lambs	26	447	34	342	17	377	17	140
Ewes 1 year old or older	23	329	(NA)	(NA)	15	284	14	85
Goats	20	59	(NA)	(NA)	7	20	2	(D)
Horses and ponies	213	900	162	624	135	594	87	398
Sales:								
Hogs and pigs	171	35 970	176	24 705	145	35 701	147	24 072
$1,000	(X)	3 501	(X)	(NA)	(X)	3 482	(X)	1 684
Feeder pigs	42	5 698	50	3 334	35	5 559	40	3 060
$1,000	(X)	253	(X)	(NA)	(X)	248	(X)	74
Sheep and lambs	24	258	21	207	17	233	11	82
Sheep and lambs shorn	20	430	(NA)	(NA)	14	367	8	57
Pounds of wool	(X)	3 553	(X)	(NA)	(X)	2 909	(X)	416
Sheep, lambs, and wool $1,000	27	35	(NA)	(NA)	19	(D)	13	3
Goats	5	36	(NA)	(NA)	1	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	48	135	31	145	29	92	17	119
$1,000	(X)	113	(X)	(NA)	(X)	92	(X)	36
POULTRY								
Inventory:								
Any poultry	151	(X)	182	(X)	99	(X)	103	(X)
Chickens 3 months old or older	122	241 648	168	123 279	79	240 527	90	120 027
Hens and pullets of laying age	121	(D)	162	122 097	79	(D)	88	(D)
Pullets 3 months old or older	16	(D)	(NA)	(NA)	8	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	25	5 337	24	1 318	17	5 067	18	1 074
Turkeys	6	65	(NA)	(NA)	3	17	–	–
Turkeys for slaughter	6	(D)	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	49	(X)	(NA)	(X)	28	(X)	18	(X)
Sales:								
Any poultry	55	(X)	47	(X)	43	(X)	36	(X)
Chickens 3 months old or older	25	327 615	33	144 269	21	327 525	30	142 163
Hens and pullets of laying age	24	(D)	30	94 234	20	(D)	27	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	16	1 946	14	857	12	1 811	6	475
Turkeys	5	85	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	5	85	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	17	(X)	(NA)	(X)	14	(X)	4	(X)
Poultry and poultry products $1,000	70	1 816	95	1 361	56	1 814	55	1 356

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	757	44 871	(X)	10	1 175	627	43 046	(X)	9	(D)
	1974	812	38 319	(X)	(NA)	(NA)	627	35 714	(X)	11	421
For grain or seed (bushels)	1978	753	43 223	3 670 326	10	1 175	624	41 555	3 563 612	9	(D)
	1974	788	34 804	1 683 017	(NA)	(NA)	610	32 667	1 599 764	11	394
For silage or green chop (tons, green)	1978	59	(D)	21 805	–	–	57	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	92	2 765	23 437	1	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	282	(X)	1	(D)
Sorghums for all purposes	1978	5	58	(X)	–	–	5	58	(X)	–	–
	1974	7	108	(X)	(NA)	(NA)	6	(D)	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	3	59	1 510	(NA)	(NA)	3	59	1 510	–	–
For silage or green chop (tons, green)	1978	4	(D)	650	–	–	4	(D)	650	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	192	4 618	149 868	2	(D)	172	4 496	147 251	2	(D)
	1974	555	12 254	412 865	(NA)	(NA)	469	11 511	393 235	1	(D)
Oats for grain (bushels)	1978	99	1 393	68 057	–	–	87	1 303	66 230	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	141	2 067	90 394	–	–
Barley for grain (bushels)	1978	8	59	1 461	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	216	8 103	–	–
Rye for grain (bushels)	1978	23	314	5 963	–	–	18	187	4 058	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	285	7 498	–	–
Other small grains for grain	1978	5	43	(X)	–	–	5	43	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	179	(X)	–	–
Soybeans for beans (bushels)	1978	479	21 097	601 013	9	461	422	20 552	589 782	9	461
	1974	427	14 689	260 349	(NA)	(NA)	375	14 151	253 141	9	108
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	29	148	31 042	11	99	28	(D)	(D)	11	99
	1974	29	119	18 237	(NA)	(NA)	25	115	17 997	12	81
Sweetpotatoes (bushels)	1978	8	122	19 073	4	(D)	8	122	19 073	4	(D)
	1974	8	102	14 976	(NA)	(NA)	7	(D)	(D)	4	97
Hay crops (tons, dry) (see text)	1978	420	11 266	30 788	1	(D)	310	9 702	27 329	1	(D)
	1974	423	9 333	20 675	(NA)	(NA)	304	7 863	18 179	2	(D)
Alfalfa hay (tons, dry)	1978	340	8 553	26 326	1	(D)	259	7 392	23 533	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	222	5 139	13 110	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	120	1 712	3 038	–	–	89	1 410	2 507	–	–
Field seed crops	1978	9	105	(X)	–	–	8	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	512	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	5	77	7 206	–	–	5	77	7 206	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	433	52 040	–	–
All vegetables harvested for sale (see text)	1978	436	8 636	(X)	145	2 993	384	8 498	(X)	138	2 973
	1974	534	10 050	(X)	(NA)	(NA)	434	9 822	(X)	161	3 545
Sweet corn	1978	77	401	(X)	21	148	56	357	(X)	19	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	61	405	(X)	26	175
Tomatoes	1978	236	3 732	(X)	70	895	213	3 705	(X)	66	887
	1974	(NA)	(NA)	(X)	(NA)	(NA)	276	4 642	(X)	108	1 642
Green peas excluding cowpeas	1978	4	2	(X)	–	–	4	2	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	3	(X)	–	–
Land in orchards	1978	1 044	29 264	(X)	34	679	810	28 034	(X)	30	660
	1974	1 114	32 033	(X)	(NA)	(NA)	842	30 776	(X)	64	1 477
Apples (pounds)	1978	485	10 705	131 044 346	(NA)	(NA)	408	10 377	130 368 486	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10 771	99 166 493	(NA)	(NA)
Peaches (pounds)	1978	384	4 378	21 737 944	(NA)	(NA)	325	4 223	21 544 619	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4 329	27 940 482	(NA)	(NA)
Grapes (pounds) (see text)	1978	674	7 243	56 929 707	(NA)	(NA)	526	6 730	55 302 466	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	539	6 854	33 144 000	(NA)	(NA)
Berries	1978	251	1 640	(X)	91	798	215	1 597	(X)	87	796
	1974	302	1 893	(X)	(NA)	(NA)	233	1 782	(X)	99	887
Strawberries (pounds)	1978	102	680	4 243 578	78	666	91	676	4 237 365	75	665
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	107	841	5 094 644	86	747
Nursery and greenhouse products	1978	74	1 014	(X)	22	207	60	974	(X)	21	(D)
Other crops	1978	13	63	(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	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	1 196	242 233	1 310	247 539	972	230 162	1 030	232 590
Average size of farm	(X)	203	(X)	189	(X)	237	(X)	226
Approximate land area	(X)	323 840	(X)	323 840	(X)	323 840	(X)	323 840
Proportion in farms, percent	(X)	74.8	(X)	76.4	(X)	71.1	(X)	71.8
Value of land and buildings:[1]								
Average per farm, dollars	163 919	(X)	85 638	(X)	182 318	(X)	100 667	(X)
Average per acre, dollars	(X)	804	(X)	453	(X)	793	(X)	446
Land in farms according to use:								
Total cropland	1 157	184 715	1 279	187 009	954	177 950	1 016	177 764
Harvested cropland	1 136	156 136	1 247	154 929	949	152 041	1 010	149 975
By acres harvested:								
1 to 9 acres	48	279	58	(NA)	19	97	13	(NA)
10 to 19 acres	104	1 525	102	(NA)	29	413	22	(NA)
20 to 29 acres	95	2 334	104	(NA)	57	1 445	49	(NA)
30 to 49 acres	178	6 767	237	(NA)	142	5 489	184	(NA)
50 to 99 acres	265	18 424	285	(NA)	257	(D)	281	(NA)
100 to 199 acres	212	30 418	243	(NA)	211	(D)	243	(NA)
200 to 499 acres	183	55 327	173	(NA)	183	55 327	173	(NA)
500 to 999 acres	44	30 167	37	(NA)	44	30 167	37	(NA)
1,000 acres or more	7	10 895	8	(NA)	7	10 895	8	(NA)
Cropland used only for pasture	352	10 628	481	14 613	291	9 509	387	12 704
Other cropland	586	17 951	511	17 467	494	16 400	430	15 085
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	185	4 034	(NA)	(NA)	159	3 653	120	3 696
Cropland on which all crops failed	58	975	(NA)	(NA)	44	711	72	2 471
Cropland in cultivated summer fallow	78	1 755	(NA)	(NA)	68	1 552	126	3 064
Cropland idle	394	11 187	(NA)	(NA)	341	10 484	211	5 854
Total woodland	724	29 947	798	31 118	607	27 116	660	28 418
Woodland pastured	200	6 145	(NA)	(NA)	171	5 671	204	6 421
Woodland not pastured	589	23 802	(NA)	(NA)	495	21 445	516	21 997
Other land	952	27 571	1 103	29 412	771	25 096	877	26 408
Pastureland and rangeland, other than cropland and woodland pastured	189	6 787	(NA)	(NA)	153	6 101	191	6 664
Land in house lots, ponds, roads, wasteland, etc	931	20 784	(NA)	(NA)	755	18 995	853	19 744
Pastureland, all types	562	23 560	(NA)	(NA)	460	21 281	(NA)	25 789
Irrigated land	113	18 826	29	4 060	112	(D)	29	4 060
Harvested cropland irrigated	113	18 826	(NA)	(NA)	112	(D)	29	4 060
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	450	10 477	(X)	(X)	398	10 148	(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]	1 196	37 104	1 310	27 643	972	36 806	1 030	27 269
Average per farm, dollars	(X)	31 023	(X)	21 102	(X)	37 866	(X)	26 475
Farms by value of agricultural products sold:[1]								
$100,000 or more	86	18 932	51	(NA)	86	18 932	51	(NA)
$40,000 to $99,999	124	7 765	116	(NA)	124	7 765	116	(NA)
$20,000 to $39,999	169	4 934	164	(NA)	169	4 934	164	(NA)
$10,000 to $19,999	218	3 061	225	(NA)	218	3 061	225	(NA)
$5,000 to $9,999	211	1 513	267	(NA)	211	1 513	267	(NA)
$2,500 to $4,999	164	601	188	(NA)	164	601	188	(NA)
Less than $2,500 (see text)	224	298	299	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	56	124	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	40	69	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	57	69	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	71	37	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 020	18 324	1 174	15 069	874	18 128	(NA)	14 789
Grains	978	16 449	(NA)	(NA)	844	16 273	931	13 205
Commodity Credit Corporation loans	146	1 734	(NA)	(NA)	136	1 732	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	191	562	(NA)	(NA)	173	543	226	509
Vegetables, sweet corn, and melons	13	78	(NA)	(NA)	12	(D)	10	(D)
Fruits, nuts, and berries	17	283	(NA)	(NA)	16	(D)	8	297
Nursery and greenhouse products	11	952	13	642	11	952	12	(D)
Other crops	–	–	(NA)	(NA)	–	–	10	97
Livestock, poultry, and their products	643	18 780	730	12 549	546	18 677	615	12 454
Poultry and poultry products	49	(D)	61	303	37	(D)	48	301
Dairy products	147	5 814	(NA)	(NA)	145	(D)	175	4 645
Cattle and calves	422	6 749	(NA)	(NA)	384	6 716	449	4 146
Hogs and pigs	304	5 596	(NA)	(NA)	261	5 551	268	3 051
Sheep, lambs, and wool	72	(D)	(NA)	(NA)	57	135	87	268
Other livestock and livestock products (see text)	57	182	(NA)	(NA)	44	174	22	43

[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	1 196	1 310	242 233	1 136	240 174	156 136	113	58 996	42 227	18 826
Farms with—										
1 to 9 acres	33	33	105	9	40	27	3	12	7	7
10 to 49 acres	209	212	6 795	185	6 110	3 673	12	399	208	159
50 to 69 acres	82	101	4 779	79	4 612	2 589	4	244	178	157
70 to 99 acres	197	212	16 077	192	15 715	8 538	2	(D)	(D)	(D)
100 to 139 acres	152	172	17 731	151	17 631	10 268	5	585	387	367
140 to 179 acres	117	135	18 803	116	18 633	10 986	1	(D)	(D)	(D)
180 to 219 acres	64	98	12 703	64	12 703	8 090	4	820	527	397
220 to 259 acres	57	59	13 563	56	13 323	8 562	6	1 414	871	540
260 to 499 acres	173	195	61 173	172	60 903	39 994	29	10 273	7 499	2 886
500 to 999 acres	87	75	56 719	87	56 719	38 340	29	19 489	13 432	6 331
1,000 to 1,999 acres	20	18	23 066	20	23 066	17 335	14	16 888	13 029	5 585
2,000 acres or more	5	–	10 719	5	10 719	7 734	4	8 530	5 799	2 260

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	1 196	242 233	1 310	247 539	972	230 162	1 030	232 590
Harvested cropland	1 136	156 136	1 247	154 929	949	152 041	1 010	149 975
Tenure of operator:								
Full owners	759	93 175	913	117 108	556	82 142	651	102 938
Harvested cropland	704	51 482	(NA)	65 535	536	47 922	(NA)	60 899
Part owners	364	138 224	330	120 634	353	137 588	322	120 072
Harvested cropland	364	95 988	(NA)	82 834	353	95 664	(NA)	82 654
Tenants	73	10 834	67	9 797	63	10 432	57	9 580
Harvested cropland	68	8 666	(NA)	6 560	60	8 455	(NA)	6 422
Type of organization:								
Individual or family	1 080	200 584	(NA)	(NA)	865	188 998	935	198 268
Partnership	108	38 715	(NA)	(NA)	100	38 232	86	31 755
Corporation	5	(D)	(NA)	(NA)	5	(D)	3	900
Other—cooperative, estate or trust, institutional, etc.	3	(D)	(NA)	(NA)	2	(D)	6	1 667

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	559	725	511	651
Other	637	576	461	370
Operators by age group:				
Under 25 years	41	47	36	29
25 to 34 years	178	173	145	128
35 to 44 years	287	277	222	202
45 to 54 years	274	338	216	256
55 to 64 years	253	272	222	244
65 years and over	163	194	131	162
Average age	48.3	48.8	48.6	49.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	919	931	755	759
Not on farm operated	150	162	118	112
Not reported	127	208	99	150
Operators reporting days of work off farm:				
None	389	366	347	319
1 to 49 days	82	84	76	61
50 to 99 days	34	29	28	23
100 to 149 days	38	32	27	23
150 to 199 days	44	44	37	36
200 days or more	562	510	418	343

[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	421	4 152	369	2 492	372	4 138	308	2 461
Feed for livestock and poultry	611	3 174	666	2 713	527	3 125	514	2 653
Commercially mixed formula feeds	266	1 510	483	1 549	233	1 502	395	1 517
Animal health costs	517	274	(NA)	(NA)	438	261	366	152
Seeds, bulbs, plants, and trees	1 045	1 501	1 072	1 133	917	1 469	939	1 114
Commercial fertilizer	1 075	3 960	1 043	3 124	942	3 888	894	3 085
Other agricultural chemicals including lime	957	1 397	736	857	854	1 378	652	847
Hired farm labor	371	1 376	296	816	328	1 357	276	810
Contract labor	27	131	25	72	27	131	23	(D)
Customwork, machine hire, and rental of machinery and equipment	533	534	544	447	476	522	447	433
Energy and petroleum products	1 184	2 512	(NA)	(NA)	999	2 443	(NA)	(NA)
Petroleum products	1 184	1 906	1 288	1 445	999	1 855	1 024	1 388
Gasoline	1 094	847	(NA)	(NA)	927	813	1 005	831
Diesel fuel	526	598	(NA)	(NA)	492	587	488	287
LP gas, butane, and propane	218	288	(NA)	(NA)	213	288	225	168
Fuel oil	110	33	(NA)	(NA)	102	33		
Natural gas	9	5	(NA)	(NA)	9	5	1 024	101
Kerosene, motor oil, and grease	1 184	136	(NA)	(NA)	999	130		
Electricity	840	580	(NA)	(NA)	743	565	(NA)	(NA)
Other—coal, wood, coke, etc.	78	26	(NA)	(NA)	56	23	(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	1 053	138 878	930	136 160	894	117 954
Cropland fertilized, except pasture	1 053	138 432	930	135 714	(NA)	117 230
Pasture and rangeland fertilized	25	446	25	446	(NA)	724
Lime	182	7 182	159	6 939	156	6 000
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	301	43 947	271	43 167	(NA)	20 937
Nematodes in crops	50	6 015	50	6 015	1	(D)
Diseases in crops and orchards	35	3 181	35	3 181	9	1 077
Weeds, grass, or brush in crops and pasture	727	90 230	662	89 034	(NA)	77 852
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	27	1 554	21	1 449	4	180
Insect control on livestock and poultry	220	(X)	202	(X)	56	(X)
Sanitation and rodent and bird control	211	(X)	193	(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	1 193	1 283	1 003	1 018
$1,000	41 265	27 100	39 212	25 072
Average per farm—dollars	34 589	21 122	39 095	24 629
Farms by value group:				
$1 to $4,999	134	199	95	115
$5,000 to $9,999	277	276	154	163
$10,000 to $19,999	228	325	217	268
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	179	201	178	191
$30,000 to $49,999	90	161	86	161
$50,000 to $69,999	93	66	81	65
$70,000 to $99,999	73	55	73	55
$100,000 to $199,999	102		102	
$200,000 or more	17		17	

	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	953	1 514	576	713	598	801	1 076	1 379	816
Motortrucks including pickups	1 039	1 486	527	616	685	870	1 079	1 454	598
Wheel tractors	1 074	2 854	234	327	1 053	2 527	1 184	2 776	463
Grain and bean combines, self-propelled only	384	414	90	91	296	323	324	341	95
Corn heads for combines	285	298	90	91	196	207	217	226	97
Other cornpickers and picker-shellers	643	701	115	115	539	586	580	606	122
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	298	300	36	36	262	264	250	254	58
Pickup balers	447	449	49	49	400	400	408	413	54
Field forage harvesters, shear bar or flywheel type	202	243	31	36	172	207	154	165	49

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	371	100	(X)	301	(X)	328	276
Workers	1 050	(X)	197	(X)	853	989	1 163
Farms with—							
1 worker	167	50	50	137	137	136	111
2 workers	72	35	70	44	88	66	43
3 or 4 workers	74	8	26	74	232	68	56
5 to 9 workers	50	5	(D)	40	240	50	47
10 workers or more	8	2	(D)	6	156	8	19

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	709	(X)	783	(X)	576	(X)	632	(X)
Any cattle, hogs, or sheep	637	(X)	741	(X)	523	(X)	605	(X)
Sales:								
Any livestock or poultry and their products $1,000	643	18 780	730	12 549	546	18 677	615	12 454
Any cattle, hogs, or sheep $1,000	608	(D)	700	(NA)	521	12 401	603	7 465
CATTLE AND CALVES								
Inventory:								
Cattle and calves	490	22 264	577	25 704	412	21 594	481	24 745
Cows and heifers that had calved	364	8 002	444	10 020	309	7 732	372	9 536
Beef cows	211	2 352	267	3 834	163	2 116	211	3 394
Milk cows	180	5 650	210	6 186	167	5 616	192	6 142
Heifers and heifer calves	337	5 617	(NA)	(NA)	289	5 431	309	5 329
Steers, steer calves, bulls and bull calves	415	8 645	(NA)	(NA)	357	8 431	396	9 880
Sales:								
Cattle and calves	422	16 032	500	12 104	384	15 905	449	11 899
$1,000	(X)	6 749	(X)	(NA)	(X)	6 716	(X)	4 146
Calves	189	2 490	(NA)	(NA)	174	2 431	179	2 180
$1,000	(X)	397	(X)	(NA)	(X)	386	(X)	195
Cattle	356	13 542	(NA)	(NA)	330	13 474	399	9 719
$1,000	(X)	6 351	(X)	(NA)	(X)	6 330	(X)	3 951
Fattened cattle	179	8 041	(NA)	(NA)	164	8 010	165	6 401
$1,000	(X)	4 561	(X)	(NA)	(X)	4 552	(X)	2 780
Dairy products $1,000	147	5 814	(NA)	(NA)	145	(D)	175	4 645
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	310	44 775	291	27 851	259	43 998	240	27 098
Used or to be used for breeding	247	6 735	(NA)	(NA)	209	6 560	188	4 180
Other hogs and pigs	281	38 040	(NA)	(NA)	234	37 438	220	22 918
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	256	7 355	248	5 745	217	7 213	215	5 639
Dec. 1 of preceding year and May 31	212	3 266	204	3 012	183	3 203	180	2 963
June 1 and Nov. 30	218	4 089	193	2 733	189	4 010	172	2 676
Sheep and lambs	75	3 313	104	6 743	57	2 917	83	6 118
Ewes 1 year old or older	65	2 226	(NA)	(NA)	50	1 974	77	2 908
Goats	11	63	(NA)	(NA)	6	13	6	49
Horses and ponies	189	1 094	188	813	134	830	133	608
Sales:								
Hogs and pigs	304	59 710	309	42 235	261	58 907	268	41 419
$1,000	(X)	5 596	(X)	(NA)	(X)	5 551	(X)	3 051
Feeder pigs	82	9 777	59	5 538	60	9 269	50	5 331
$1,000	(X)	460	(X)	(NA)	(X)	443	(X)	122
Sheep and lambs	68	2 426	101	7 896	53	2 204	85	7 557
Sheep and lambs shorn	65	2 656	(NA)	(NA)	53	2 421	77	6 940
Pounds of wool	(X)	22 813	(X)	(NA)	(X)	20 915	(X)	51 569
Sheep, lambs, and wool $1,000	72	(D)	(NA)	(NA)	57	135	87	268
Goats	2	(D)	(NA)	(NA)	–	–	3	49
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	49	172	26	146	39	152	17	121
$1,000	(X)	157	(X)	(NA)	(X)	149	(X)	42
POULTRY								
Inventory:								
Any poultry	147	(X)	125	(X)	109	(X)	89	(X)
Chickens 3 months old or older	134	36 018	116	28 004	99	35 058	80	26 814
Hens and pullets of laying age	134	35 914	112	27 538	99	(D)	80	26 538
Pullets 3 months old or older	7	104	(NA)	(NA)	6	(D)	7	125
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	3	20 304
Broilers and other meat-type chickens	17	1 018	16	1 036	14	873	14	(D)
Turkeys	5	32	(NA)	(NA)	5	32	3	41
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Other poultry	32	(X)	(NA)	(X)	20	(X)	12	(X)
Sales:								
Any poultry	33	(X)	28	(X)	24	(X)	26	(X)
Chickens 3 months old or older	22	28 934	22	102 257	18	28 709	20	(D)
Hens and pullets of laying age	22	28 934	20	(D)	18	28 709	19	(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	9	1 022	4	295	7	(D)	4	295
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	4	(X)	(NA)	(X)	1	(X)	3	(X)
Poultry and poultry products $1,000	49	(D)	61	303	37	(D)	48	301

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	991	95 602	(X)	91	14 192	860	93 575	(X)	91	14 192
	1974	1 060	89 825	(X)	(NA)	(NA)	896	87 478	(X)	24	2 767
For grain or seed (bushels)	1978	984	90 154	7 063 566	89	13 805	855	(D)	6 964 445	89	13 805
	1974	1 044	80 880	4 307 289	(NA)	(NA)	885	78 632	4 220 141	24	2 653
For silage or green chop (tons, green)	1978	138	(D)	80 597	9	387	136	(D)	(D)	9	387
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	165	8 480	85 729	3	114
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	366	(X)	–	–
Sorghums for all purposes	1978	12	420	(X)	1	(D)	12	420	(X)	1	(D)
	1974	10	176	(X)	(NA)	(NA)	8	(D)	(X)	–	–
For grain or seed (bushels)	1978	6	221	12 215	–	–	6	221	12 215	–	–
	1974	5	114	4 670	(NA)	(NA)	4	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	6	199	2 660	1	(D)	6	199	2 660	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	57	540	–	–
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	357	8 963	289 456	–	–	341	8 788	285 563	–	–
	1974	697	17 641	581 255	(NA)	(NA)	623	16 882	564 595	–	–
Oats for grain (bushels)	1978	243	4 185	213 326	2	(D)	220	4 005	206 853	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	247	4 755	242 543	–	–
Barley for grain (bushels)	1978	3	68	(D)	–	–	3	68	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	70	3 230	–	–
Rye for grain (bushels)	1978	10	135	3 401	–	–	8	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	143	4 718	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	157	(X)	–	–
Soybeans for beans (bushels)	1978	572	32 032	719 026	42	3 368	521	31 363	707 606	42	3 368
	1974	621	26 202	477 810	(NA)	(NA)	572	25 534	469 747	13	712
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)	(D)	–	–
	1974	4	2	52	(NA)	(NA)	3	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	518	15 458	40 079	11	521	449	14 425	38 386	11	521
	1974	549	15 225	37 504	(NA)	(NA)	475	14 250	35 902	1	(D)
Alfalfa hay (tons, dry)	1978	437	11 798	33 247	10	447	387	11 050	32 055	10	447
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	373	10 051	27 320	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	134	1 881	3 634	–	–	115	1 709	3 322	–	–
Field seed crops	1978	19	421	(X)	–	–	16	385	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	43	676	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	19	421	52 963	–	–	16	385	49 063	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	42	658	53 334	–	–
All vegetables harvested for sale (see text)	1978	13	195	(X)	4	147	12	(D)	(X)	4	147
	1974	18	141	(X)	(NA)	(NA)	11	131	(X)	1	(D)
Sweet corn	1978	11	50	(X)	4	(D)	10	(D)	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	22	(X)	–	–
Tomatoes	1978	6	17	(X)	3	(D)	6	17	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	2	(X)	–	–
Green peas excluding cowpeas	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	16	281	(X)	1	(D)	14	(D)	(X)	1	(D)
	1974	9	392	(X)	(NA)	(NA)	7	(D)	(X)	–	–
Apples (pounds)	1978	15	224	1 953 981	(NA)	(NA)	13	(D)	1 953 981	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	323	2 663 000	(NA)	(NA)
Peaches (pounds)	1978	6	36	(D)	(NA)	(NA)	6	36	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	56	257 000	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	10	34	(X)	6	30	9	(D)	(X)	5	(D)
	1974	3	3	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Strawberries (pounds)	1978	8	31	209 680	6	30	7	(D)	(D)	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Nursery and greenhouse products	1978	11	420	(X)	7	304	11	420	(X)	7	304
Other crops	1978	3	316	(X)	(NA)	(NA)	3	316	(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	1 307	256 095	1 417	270 564	1 008	237 954	1 019	242 124
Average size of farm	(X)	196	(X)	191	(X)	236	(X)	238
Approximate land area	(X)	453 760	(X)	453 760	(X)	453 760	(X)	453 760
Proportion in farms — percent	(X)	56.4	(X)	59.6	(X)	52.4	(X)	53.4
Value of land and buildings:[1]								
Average per farm — dollars	153 558	(X)	84 174	(X)	180 264	(X)	103 069	(X)
Average per acre — dollars	(X)	783	(X)	441	(X)	758	(X)	434
Land in farms according to use:								
Total cropland	1 271	192 988	1 392	198 370	984	182 300	1 008	181 719
Harvested cropland	1 237	151 254	1 345	151 043	971	145 933	998	143 531
By acres harvested:								
1 to 9 acres	66	293	71	(NA)	19	61	16	(NA)
10 to 19 acres	149	2 048	169	(NA)	47	661	41	(NA)
20 to 29 acres	122	2 894	131	(NA)	60	1 461	44	(NA)
30 to 49 acres	219	8 284	231	(NA)	175	6 684	174	(NA)
50 to 99 acres	282	19 605	316	(NA)	271	18 936	296	(NA)
100 to 199 acres	179	24 645	219	(NA)	179	24 645	219	(NA)
200 to 499 acres	167	51 475	160	(NA)	167	51 475	160	(NA)
500 to 999 acres	44	29 047	42	(NA)	44	29 047	42	(NA)
1,000 acres or more	9	12 963	6	(NA)	9	12 963	6	(NA)
Cropland used only for pasture	551	20 328	679	24 559	433	18 077	469	19 569
Other cropland	637	21 406	618	22 768	514	18 290	461	18 619
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	220	5 258	(NA)	(NA)	181	4 611	133	5 125
Cropland on which all crops failed	53	840	(NA)	(NA)	46	715	57	1 071
Cropland in cultivated summer fallow	125	3 192	(NA)	(NA)	110	2 998	173	5 243
Cropland idle	416	12 116	(NA)	(NA)	330	9 966	242	7 180
Total woodland	775	29 000	862	32 762	632	25 905	648	28 049
Woodland pastured	192	5 898	(NA)	(NA)	153	5 302	221	6 812
Woodland not pastured	651	23 102	(NA)	(NA)	537	20 603	530	21 237
Other land	1 082	34 107	1 193	39 432	837	29 749	871	32 356
Pastureland and rangeland, other than cropland and woodland pastured	234	8 701	(NA)	(NA)	190	7 702	227	8 336
Land in house lots, ponds, roads, wasteland, etc	1 039	25 406	(NA)	(NA)	802	22 047	852	24 020
Pastureland, all types	727	34 927	(NA)	(NA)	573	31 081	(NA)	34 717
Irrigated land	54	6 242	21	1 482	47	6 218	18	1 476
Harvested cropland irrigated	53	(D)	(NA)	(NA)	47	6 218	18	1 476
Pastureland irrigated	1	(D)	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	302	7 157	(X)	(X)	274	6 903	(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]	1 307	37 741	1 417	30 105	1 008	37 381	1 019	29 628
Average per farm — dollars	(X)	28 876	(X)	21 246	(X)	37 085	(X)	29 076
Farms by value of agricultural products sold:[1]								
$100,000 or more	83	19 642	60	(NA)	83	19 642	60	(NA)
$40,000 to $99,999	135	8 563	127	(NA)	135	8 563	127	(NA)
$20,000 to $39,999	139	3 932	133	(NA)	139	3 932	133	(NA)
$10,000 to $19,999	190	2 688	193	(NA)	190	2 688	193	(NA)
$5,000 to $9,999	253	1 804	271	(NA)	253	1 804	271	(NA)
$2,500 to $4,999	208	752	213	(NA)	208	752	213	(NA)
Less than $2,500 (see text)	299	360	420	(NA)	(X)	(X)	22	(NA)
$2,000 to $2,499	46	103	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	70	122	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	67	84	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	116	51	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 094	17 519	1 222	13 829	899	17 283	(NA)	13 508
Grains	966	12 495	(NA)	(NA)	829	12 335	871	10 224
Commodity Credit Corporation loans	88	620	(NA)	(NA)	83	617	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	317	953	(NA)	(NA)	255	899	282	528
Vegetables, sweet corn, and melons	39	748	(NA)	(NA)	25	737	28	825
Fruits, nuts, and berries	21	(D)	(NA)	(NA)	13	(D)	12	198
Nursery and greenhouse products	21	2 540	22	1 307	17	2 535	16	1 299
Other crops	6	(D)	(NA)	(NA)	5	(D)	8	434
Livestock, poultry, and their products	765	20 222	843	16 221	644	20 098	668	16 068
Poultry and poultry products	67	651	70	670	54	649	54	667
Dairy products	154	8 257	(NA)	(NA)	152	(D)	194	6 960
Cattle and calves	574	6 953	(NA)	(NA)	493	6 876	556	5 935
Hogs and pigs	234	4 020	(NA)	(NA)	212	4 001	223	2 313
Sheep, lambs, and wool	66	174	(NA)	(NA)	49	164	53	171
Other livestock and livestock products (see text)	73	168	(NA)	(NA)	51	(D)	21	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	1 307	1 417	256 095	1 237	252 199	151 254	54	27 455	18 988	6 242
Farms with—										
1 to 9 acres	35	30	105	16	71	47	2	(D)	(D)	(D)
10 to 49 acres	190	199	6 074	167	5 256	2 908	8	252	37	43
50 to 69 acres	110	116	6 387	101	5 898	3 116	1	(D)	(D)	(D)
70 to 99 acres	240	234	19 710	231	18 972	8 665	1	(D)	(D)	(D)
100 to 139 acres	174	202	20 198	172	19 944	9 895	2	(D)	(D)	(D)
140 to 179 acres	143	176	22 642	141	22 342	10 965	2	(D)	(D)	(D)
180 to 219 acres	76	78	14 969	73	14 399	6 991	2	(D)	(D)	(D)
220 to 259 acres	63	78	14 913	60	14 220	8 033	4	921	704	300
260 to 499 acres	163	191	58 407	163	58 407	37 557	15	5 740	3 552	1 684
500 to 999 acres	92	97	62 271	92	62 271	41 105	12	8 413	5 761	1 816
1,000 to 1,999 acres	18	15	22 449	18	22 449	16 219	2	(D)	(D)	(D)
2,000 acres or more	3	1	7 970	3	7 970	5 753	3	7 970	5 753	1 518

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	1 307	256 095	1 417	270 564	1 008	237 954	1 019	242 124
Harvested cropland	1 237	151 254	1 345	151 043	971	145 933	998	143 531
Tenure of operator:								
Full owners	889	113 350	1 001	124 765	625	96 747	647	98 871
Harvested cropland	827	54 522	(NA)	56 731	593	49 979	(NA)	50 322
Part owners	343	127 869	352	130 707	318	126 619	321	128 859
Harvested cropland	341	86 825	(NA)	85 747	318	86 264	(NA)	85 021
Tenants	75	14 876	64	15 092	65	14 588	51	14 394
Harvested cropland	69	9 907	(NA)	8 565	60	9 690	(NA)	8 188
Type of organization:								
Individual or family	1 188	214 606	(NA)	(NA)	902	197 430	935	210 134
Partnership	107	36 104	(NA)	(NA)	94	35 139	75	29 487
Corporation	11	(D)	(NA)	(NA)	11	(D)	6	2 006
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	1	(D)	3	497

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	548	646	494	585
Other	759	762	514	425
Operators by age group:				
Under 25 years	40	19	35	15
25 to 34 years	134	162	110	124
35 to 44 years	283	334	209	220
45 to 54 years	362	342	276	243
55 to 64 years	280	325	216	252
65 years and over	208	226	162	156
Average age	49.9	50.4	49.8	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	1 081	1 067	848	775
Not on farm operated	126	151	92	105
Not reported	100	190	68	130
Operators reporting days of work off farm:				
None	435	382	373	318
1 to 49 days	68	69	59	52
50 to 99 days	32	33	31	23
100 to 149 days	27	24	23	21
150 to 199 days	60	47	50	27
200 days or more	638	653	436	385

[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	533	3 589	528	3 010	425	3 529	352	2 948
Feed for livestock and poultry	777	3 258	823	3 457	602	3 176	571	3 374
Commercially mixed formula feeds	309	1 677	569	2 298	257	1 665	427	2 266
Animal health costs	641	309	(NA)	(NA)	534	299	421	199
Seeds, bulbs, plants, and trees	1 051	1 678	1 181	1 158	922	1 654	924	1 125
Commercial fertilizer	1 047	3 641	1 154	3 373	884	3 572	880	3 283
Other agricultural chemicals including lime	985	1 386	770	867	853	1 355	653	851
Hired farm labor	417	2 282	420	1 506	375	2 246	343	1 490
Contract labor	16	5	38	34	16	5	31	31
Customwork, machine hire, and rental of machinery and equipment	597	598	632	431	487	580	506	409
Energy and petroleum products	1 307	2 957	(NA)	(NA)	1 007	2 871	(NA)	(NA)
Petroleum products	1 307	2 125	1 330	1 370	1 007	2 057	947	1 281
Gasoline	1 257	965	(NA)	(NA)	964	918	938	760
Diesel fuel	579	626	(NA)	(NA)	537	619	405	272
LP gas, butane, and propane	154	132	(NA)	(NA)	142	131	131	81
Fuel oil	140	147	(NA)	(NA)	116	144		
Natural gas	24	103	(NA)	(NA)	24	103	946	167
Kerosene, motor oil, and grease	1 307	151	(NA)	(NA)	1 007	142		
Electricity	965	814	(NA)	(NA)	797	797	(NA)	(NA)
Other—coal, wood, coke, etc.	53	18	(NA)	(NA)	47	18	(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	1 022	126 339	865	123 452	881	111 293
Cropland fertilized, except pasture	1 017	125 250	860	122 423	(NA)	110 433
Pasture and rangeland fertilized	65	1 089	53	1 029	(NA)	860
Lime	312	10 965	267	10 127	124	5 610
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	438	48 523	391	48 114	(NA)	25 148
Nematodes in crops	73	11 495	67	11 459	2	(D)
Diseases in crops and orchards	63	5 727	45	5 703	16	1 706
Weeds, grass, or brush in crops and pasture	712	69 229	614	68 095	(NA)	62 785
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	30	1 199	18	773	8	1 501
Insect control on livestock and poultry	272	(X)	247	(X)	86	(X)
Sanitation and rodent and bird control	164	(X)	129	(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	1 310	1 322	1 010	935
$1,000	37 523	27 051	35 239	23 708
Average per farm—dollars	28 644	20 462	34 890	25 356
Farms by value group:				
$1 to $4,999	155	231	80	96
$5,000 to $9,999	331	303	164	163
$10,000 to $19,999	324	329	278	249

	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	136	186	136	158
$30,000 to $49,999	134	169	122	167
$50,000 to $69,999	82	48	82	46
$70,000 to $99,999	73	56	73	56
$100,000 to $199,999	55		55	
$200,000 or more	20		20	

	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	988	1 521	542	647	611	874	1 091	1 448	828
Motortrucks including pickups	1 076	1 574	540	626	703	948	1 077	1 523	658
Wheel tractors	1 201	2 998	221	342	1 164	2 656	1 225	2 802	418
Grain and bean combines, self-propelled only	405	421	91	95	314	326	286	299	75
Corn heads for combines	295	310	86	92	210	218	197	221	79
Other cornpickers and picker-shellers	514	540	58	58	457	482	529	554	84
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	513	535	117	118	399	417	394	405	119
Pickup balers	649	687	92	95	589	592	568	574	113
Field forage harvesters, shear bar or flywheel type	221	250	60	62	169	188	216	238	65

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	417	124	(X)	356	(X)	375	343
Workers	1 614	(X)	338	(X)	1 276	1 500	1 648
Farms with—							
1 worker	136	64	64	118	118	130	140
2 workers	83	28	56	63	126	71	56
3 or 4 workers	111	21	69	110	359	87	67
5 to 9 workers	65	6	38	48	314	65	53
10 workers or more	22	5	111	17	359	22	27

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	845	(X)	936	(X)	658	(X)	695	(X)
Any cattle, hogs, or sheep	724	(X)	825	(X)	583	(X)	644	(X)
Sales:								
Any livestock or poultry and their products $1,000	765	20 222	843	16 221	644	20 098	668	16 068
Any cattle, hogs, or sheep $1,000	707	11 146	800	(NA)	602	11 041	650	8 419
CATTLE AND CALVES								
Inventory:								
Cattle and calves	619	29 821	720	37 711	498	28 801	565	35 681
Cows and heifers that had calved	469	11 513	574	14 160	377	11 053	462	13 256
Beef cows	321	4 236	365	5 615	240	3 809	268	4 859
Milk cows	185	7 277	264	8 545	167	7 244	226	8 397
Heifers and heifer calves	442	7 955	(NA)	(NA)	366	7 730	394	9 408
Steers, steer calves, bulls and bull calves	541	10 353	(NA)	(NA)	436	10 018	468	13 017
Sales:								
Cattle and calves	574	17 935	674	18 440	493	17 660	556	17 833
$1,000	(X)	6 953	(X)	(NA)	(X)	6 876	(X)	5 935
Calves	252	5 389	(NA)	(NA)	219	5 293	239	3 715
$1,000	(X)	1 091	(X)	(NA)	(X)	1 077	(X)	313
Cattle	513	12 546	(NA)	(NA)	450	12 367	495	14 118
$1,000	(X)	5 861	(X)	(NA)	(X)	5 799	(X)	5 623
Fattened cattle	231	7 599	(NA)	(NA)	206	7 526	218	9 884
$1,000	(X)	3 669	(X)	(NA)	(X)	3 644	(X)	4 198
Dairy products $1,000	154	8 257	(NA)	(NA)	152	(D)	194	6 960
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	231	30 592	256	19 022	202	30 130	210	18 648
Used or to be used for breeding	173	4 514	(NA)	(NA)	151	4 395	140	2 705
Other hogs and pigs	211	26 078	(NA)	(NA)	189	25 735	191	15 943
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	183	6 023	199	3 651	160	5 931	170	3 574
Dec. 1 of preceding year and May 31	153	2 971	155	1 731	134	2 922	139	1 697
June 1 and Nov. 30	159	3 052	151	1 920	142	3 009	133	1 877
Sheep and lambs	71	3 684	77	4 351	50	3 308	55	3 811
Ewes 1 year old or older	65	2 231	(NA)	(NA)	48	1 956	49	1 402
Goats	14	45	(NA)	(NA)	8	14	–	–
Horses and ponies	253	1 310	273	1 149	163	794	157	647
Sales:								
Hogs and pigs	234	41 150	262	30 737	212	40 725	223	30 312
$1,000	(X)	4 020	(X)	(NA)	(X)	4 001	(X)	2 313
Feeder pigs	74	5 551	62	3 383	63	5 223	49	3 164
$1,000	(X)	220	(X)	(NA)	(X)	211	(X)	62
Sheep and lambs	66	2 706	67	4 959	49	2 538	53	4 550
Sheep and lambs shorn	65	3 473	(NA)	(NA)	48	3 152	48	2 899
Pounds of wool	(X)	24 399	(X)	(NA)	(X)	21 480	(X)	21 415
Sheep, lambs, and wool $1,000	66	174	(NA)	(NA)	49	164	53	171
Goats	5	11	(NA)	(NA)	3	(D)	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	50	174	34	105	37	138	19	80
$1,000	(X)	153	(X)	(NA)	(X)	141	(X)	23
POULTRY								
Inventory:								
Any poultry	133	(X)	193	(X)	97	(X)	119	(X)
Chickens 3 months old or older	117	100 505	185	91 338	85	99 760	115	88 919
Hens and pullets of laying age	117	100 424	170	90 248	85	99 714	111	88 496
Pullets 3 months old or older	7	81	(NA)	(NA)	4	46	3	102
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	20	738	14	470	15	595	7	294
Turkeys	7	281	(NA)	(NA)	6	(D)	4	14
Turkeys for slaughter	5	(D)	(NA)	(NA)	5	(D)	4	14
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	3	(D)	–	–
Other poultry	41	(X)	(NA)	(X)	25	(X)	16	(X)
Sales:								
Any poultry	43	(X)	46	(X)	34	(X)	35	(X)
Chickens 3 months old or older	28	75 439	41	84 089	24	75 304	31	83 742
Hens and pullets of laying age	28	75 439	40	83 998	24	75 304	30	83 693
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	11	517	7	564	10	(D)	6	(D)
Turkeys	9	(D)	(NA)	(NA)	8	(D)	2	(D)
Turkeys for slaughter	9	(D)	(NA)	(NA)	8	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	8	(X)	1	(X)
Poultry and poultry products $1,000	67	651	70	670	54	649	54	667

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	966	84 556	(X)	39	4 852	836	82 968	(X)	37	(D)
	1974	1 114	84 338	(X)	(NA)	(NA)	886	81 081	(X)	8	778
For grain or seed (bushels)	1978	948	77 198	6 324 605	39	(D)	819	75 662	6 232 055	37	(D)
	1974	1 073	72 868	3 752 468	(NA)	(NA)	857	69 762	3 637 693	8	(D)
For silage or green chop (tons, green)	1978	182	(D)	95 351	5	(D)	175	(D)	95 070	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	227	10 941	91 578	2	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	17	378	(X)	–	–
Sorghums for all purposes	1978	8	63	(X)	–	–	8	63	(X)	–	–
	1974	19	288	(X)	(NA)	(NA)	17	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	4	40	440	(NA)	(NA)	4	(D)	440	–	–
For silage or green chop (tons, green)	1978	8	63	680	–	–	8	63	680	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	226	910	–	–
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	519	15 535	591 998	–	–	476	15 130	580 548	–	–
	1974	752	22 746	762 506	(NA)	(NA)	650	21 666	731 443	1	(D)
Oats for grain (bushels)	1978	455	10 056	554 165	–	–	412	9 589	534 576	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	321	7 471	379 446	1	(D)
Barley for grain (bushels)	1978	10	146	6 650	–	–	10	146	6 650	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	246	9 322	–	–
Rye for grain (bushels)	1978	16	247	8 341	1	(D)	16	247	8 341	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	210	5 712	–	–
Other small grains for grain	1978	3	38	(X)	–	–	3	38	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	69	(X)	–	–
Soybeans for beans (bushels)	1978	274	13 607	325 273	15	898	254	13 378	321 713	15	898
	1974	238	7 541	118 674	(NA)	(NA)	214	7 255	115 051	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	11	(D)	(D)	–	–	7	(D)	(D)	–	–
	1974	14	681	103 269	(NA)	(NA)	10	680	103 237	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	755	27 845	74 149	7	203	588	25 309	69 961	7	203
	1974	769	25 560	58 824	(NA)	(NA)	606	23 036	55 134	3	285
Alfalfa hay (tons, dry)	1978	637	21 019	60 877	7	167	501	18 924	57 472	7	167
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	494	16 040	41 892	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	148	2 320	4 326	–	–	118	1 974	3 725	–	–
Field seed crops	1978	25	531	(X)	–	–	21	453	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	60	867	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Red clover seed (pounds)	1978	25	531	41 495	–	–	21	453	38 064	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	58	841	83 225	–	–
All vegetables harvested for sale (see text)	1978	39	1 452	(X)	3	3	25	1 418	(X)	–	–
	1974	42	1 586	(X)	(NA)	(NA)	28	1 558	(X)	3	192
Sweet corn	1978	25	125	(X)	1	(D)	16	100	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	103	(X)	1	(D)
Tomatoes	1978	14	9	(X)	2	(D)	7	5	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	4	(X)	–	–
Green peas excluding cowpeas	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	1	(X)	–	–
Land in orchards	1978	17	387	(X)	3	6	7	360	(X)	–	–
	1974	25	373	(X)	(NA)	(NA)	11	349	(X)	–	–
Apples (pounds)	1978	17	330	2 600 160	(NA)	(NA)	7	313	2 582 000	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	338	2 404 660	(NA)	(NA)
Peaches (pounds)	1978	5	2	(D)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	3	310	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	15	28	(X)	5	17	7	22	(X)	3	(D)
	1974	11	69	(X)	(NA)	(NA)	7	57	(X)	2	(D)
Strawberries (pounds)	1978	10	18	51 148	3	(D)	5	15	48 324	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	12	28 861	2	(D)
Nursery and greenhouse products	1978	21	607	(X)	7	256	17	603	(X)	5	(D)
Other crops	1978	9	374	(X)	(NA)	(NA)	6	361	(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	1 066	199 277	1 107	196 264	861	188 639	801	178 739
Average size of farm	(X)	187	(X)	177	(X)	219	(X)	223
Approximate land area	(X)	314 240	(X)	314 240	(X)	314 240	(X)	314 240
Proportion in farms, percent	(X)	63.4	(X)	62.5	(X)	60.0	(X)	56.9
Value of land and buildings:[1]								
Average per farm, dollars	195 751	(X)	93 647	(X)	226 786	(X)	116 894	(X)
Average per acre, dollars	(X)	1 010	(X)	528	(X)	997	(X)	524
Land in farms according to use:								
Total cropland	1 037	148 632	1 079	144 294	842	142 452	786	134 357
Harvested cropland	995	117 695	1 036	110 956	814	114 680	772	106 091
By acres harvested:								
1 to 9 acres	87	486	78	(NA)	33	171	18	(NA)
10 to 19 acres	128	1 731	116	(NA)	60	826	19	(NA)
20 to 29 acres	102	2 448	113	(NA)	68	1 620	48	(NA)
30 to 49 acres	141	5 339	153	(NA)	120	4 648	119	(NA)
50 to 99 acres	189	13 353	249	(NA)	186	13 182	241	(NA)
100 to 199 acres	165	23 028	172	(NA)	164	(D)	172	(NA)
200 to 499 acres	142	42 058	123	(NA)	142	42 058	123	(NA)
500 to 999 acres	39	(D)	30	(NA)	39	(D)	30	(NA)
1,000 acres or more	2	(D)	2	(NA)	2	(D)	2	(NA)
Cropland used only for pasture	445	16 917	557	19 649	368	15 344	400	16 625
Other cropland	444	14 020	442	13 689	380	12 428	332	11 641
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	182	4 734	(NA)	(NA)	163	4 424	163	4 242
Cropland on which all crops failed	57	1 433	(NA)	(NA)	48	1 030	47	1 431
Cropland in cultivated summer fallow	37	653	(NA)	(NA)	29	582	80	1 739
Cropland idle	282	7 200	(NA)	(NA)	240	6 392	144	4 229
Total woodland	648	25 263	707	25 349	542	22 740	524	21 863
Woodland pastured	189	4 626	(NA)	(NA)	159	4 117	133	4 732
Woodland not pastured	538	20 637	(NA)	(NA)	454	18 623	440	17 131
Other land	862	25 382	932	26 621	698	23 447	675	22 519
Pastureland and rangeland, other than cropland and woodland pastured	143	6 752	(NA)	(NA)	118	6 457	104	5 841
Land in house lots, ponds, roads, wasteland, etc	841	18 630	(NA)	(NA)	680	16 990	664	16 678
Pastureland, all types	575	28 295	(NA)	(NA)	471	25 918	(NA)	27 198
Irrigated land	78	8 352	39	2 795	74	8 324	36	2 791
Harvested cropland irrigated	77	(D)	(NA)	(NA)	73	(D)	34	2 771
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	20
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	208	4 879	(X)	(X)	197	4 810	(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]	1 066	41 261	1 107	27 168	861	41 020	801	26 796
Average per farm, dollars	(X)	38 706	(X)	24 542	(X)	47 643	(X)	33 453
Farms by value of agricultural products sold:[1]								
$100,000 or more	110	25 073	64	(NA)	110	25 073	64	(NA)
$40,000 to $99,999	131	8 486	102	(NA)	131	8 486	102	(NA)
$20,000 to $39,999	116	3 212	128	(NA)	116	3 212	128	(NA)
$10,000 to $19,999	178	2 514	160	(NA)	178	2 514	160	(NA)
$5,000 to $9,999	155	1 127	177	(NA)	155	1 127	177	(NA)
$2,500 to $4,999	171	609	148	(NA)	171	609	148	(NA)
Less than $2,500 (see text)	205	240	328	(NA)	(X)	(X)	22	(NA)
$2,000 to $2,499	35	80	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	38	64	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	50	62	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	82	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	837	14 600	918	10 118	713	14 450	(NA)	9 890
Grains	710	10 202	(NA)	(NA)	618	10 088	615	6 605
Commodity Credit Corporation loans	82	1 037	(NA)	(NA)	81	(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	226	685	(NA)	(NA)	199	662	244	541
Vegetables, sweet corn, and melons	59	1 763	(NA)	(NA)	52	1 761	51	1 248
Fruits, nuts, and berries	54	1 576	(NA)	(NA)	46	1 569	43	1 095
Nursery and greenhouse products	18	(D)	12	165	16	(D)	9	163
Other crops	4	(D)	(NA)	(NA)	3	(D)	8	239
Livestock, poultry, and their products	660	26 661	671	17 001	566	26 571	507	16 860
Poultry and poultry products	56	691	78	1 110	46	687	49	1 107
Dairy products	69	3 124	(NA)	(NA)	68	(D)	102	2 901
Cattle and calves	368	3 235	(NA)	(NA)	327	3 196	358	2 348
Hogs and pigs	386	19 148	(NA)	(NA)	349	19 116	284	10 109
Sheep, lambs, and wool	47	88	(NA)	(NA)	38	(D)	40	99
Other livestock and livestock products (see text)	44	375	(NA)	(NA)	34	365	21	297

[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	1 066	1 107	199 277	995	195 426	117 695	78	36 063	23 519	8 352
Farms with—										
1 to 9 acres	34	33	147	16	100	64	4	14	11	6
10 to 49 acres	254	205	7 462	226	6 685	3 765	7	175	93	45
50 to 69 acres	73	89	4 280	68	4 010	2 294	1	(D)	(D)	(D)
70 to 99 acres	145	189	11 958	141	11 622	5 602	5	401	195	100
100 to 139 acres	129	135	15 072	118	13 792	7 203	6	687	413	123
140 to 179 acres	83	103	13 067	82	12 907	7 324	3	459	295	119
180 to 219 acres	59	75	11 472	57	11 091	6 124	3	598	324	264
220 to 259 acres	53	57	12 551	53	12 551	8 252	3	741	594	270
260 to 499 acres	150	142	51 330	148	50 730	31 915	19	6 901	5 130	2 134
500 to 999 acres	70	67	49 178	70	49 178	32 684	19	14 407	10 215	3 233
1,000 to 1,999 acres	15	11	(D)	15	(D)	(D)	7	9 225	5 239	1 545
2,000 acres or more	1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 066	199 277	1 107	196 264	861	188 639	801	178 739
Harvested cropland	995	117 695	1 036	110 956	814	114 680	772	106 091
Tenure of operator:								
Full owners	670	87 402	728	91 297	493	77 939	459	75 518
Harvested cropland	609	43 146	(NA)	43 141	456	40 798	(NA)	39 090
Part owners	331	98 974	312	91 721	308	98 123	285	90 400
Harvested cropland	324	66 643	(NA)	58 671	301	66 181	(NA)	58 121
Tenants	65	12 901	67	13 246	60	12 577	57	12 821
Harvested cropland	62	7 906	(NA)	9 144	57	7 701	(NA)	8 880
Type of organization:								
Individual or family	939	154 062	(NA)	(NA)	749	144 056	717	148 780
Partnership	106	33 378	(NA)	(NA)	91	32 746	75	25 379
Corporation	16	11 413	(NA)	(NA)	16	11 413	9	4 580
Other—cooperative, estate or trust, institutional, etc.	5	424	(NA)	(NA)	5	424	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	500	569	460	488
Other	566	529	401	304
Operators by age group:				
Under 25 years	25	47	25	39
25 to 34 years	168	155	121	103
35 to 44 years	217	183	163	134
45 to 54 years	238	265	202	192
55 to 64 years	264	275	230	208
65 years and over	154	173	120	116
Average age	49.2	49.9	49.5	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	860	852	694	631
Not on farm operated	102	123	84	79
Not reported	104	123	83	82
Operators reporting days of work off farm:				
None	366	300	325	253
1 to 49 days	87	67	80	48
50 to 99 days	32	25	28	17
100 to 149 days	34	26	22	23
150 to 199 days	37	72	29	37
200 days or more	469	439	343	264

[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	441	3 542	480	1 703	381	3 501	324	1 636
Feed for livestock and poultry	640	7 737	669	6 315	526	7 641	477	6 248
Commercially mixed formula feeds	283	2 585	492	4 061	257	2 541	378	4 029
Animal health costs	532	385	(NA)	(NA)	462	378	347	216
Seeds, bulbs, plants, and trees	850	1 368	905	722	770	1 356	716	699
Commercial fertilizer	856	3 396	868	2 308	755	3 365	682	2 259
Other agricultural chemicals including lime	833	1 359	607	701	744	1 349	526	692
Hired farm labor	362	2 138	355	1 337	319	2 127	314	1 324
Contract labor	64	147	24	31	64	147	23	(D)
Customwork, machine hire, and rental of machinery and equipment	466	745	467	420	420	730	390	410
Energy and petroleum products	1 058	2 154	(NA)	(NA)	855	2 086	(NA)	(NA)
Petroleum products	1 058	1 700	1 080	1 210	855	1 647	780	1 142
Gasoline	1 012	842	(NA)	(NA)	830	808	733	675
Diesel fuel	503	426	(NA)	(NA)	446	421	394	257
LP gas, butane, and propane	243	290	(NA)	(NA)	237	285	151	125
Fuel oil	81	22	(NA)	(NA)	71	20		
Natural gas	15	13	(NA)	(NA)	15	13	779	85
Kerosene, motor oil, and grease	1 058	108	(NA)	(NA)	855	101		
Electricity	692	451	(NA)	(NA)	616	435	(NA)	(NA)
Other—coal, wood, coke, etc.	14	4	(NA)	(NA)	14	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	836	104 832	740	103 585	682	81 216
Cropland fertilized, except pasture	832	103 005	736	101 758	(NA)	79 542
Pasture and rangeland fertilized	61	1 827	61	1 827	(NA)	1 674
Lime	222	9 293	203	9 180	108	7 075
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	426	35 718	373	35 282	(NA)	19 375
Nematodes in crops	108	7 908	102	7 902	3	20
Diseases in crops and orchards	119	6 267	108	6 146	18	1 168
Weeds, grass, or brush in crops and pasture	596	68 786	560	68 438	(NA)	48 362
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	48	1 653	43	1 593	1	(D)
Insect control on livestock and poultry	327	(X)	304	(X)	68	(X)
Sanitation and rodent and bird control	274	(X)	253	(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	1 068	1 072	860	775
$1,000	37 233	22 986	34 971	20 454
Average per farm—dollars	34 863	21 442	40 665	26 392
Farms by value group:				
$1 to $4,999	105	189	56	83
$5,000 to $9,999	236	220	148	125
$10,000 to $19,999	254	259	214	186

	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	114	152	106	136
$30,000 to $49,999	74	148	57	141
$50,000 to $69,999	106	46	100	46
$70,000 to $99,999	79		79	
$100,000 to $199,999	83	58	83	58
$200,000 or more	17		17	

	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	775	1 064	499	575	388	489	858	1 157	691
Motortrucks including pickups	881	1 414	455	580	571	834	921	1 356	613
Wheel tractors	988	2 493	245	425	945	2 068	993	2 272	367
Grain and bean combines, self-propelled only	288	318	128	128	163	190	219	230	81
Corn heads for combines	264	301	125	126	140	175	171	184	75
Other cornpickers and picker-shellers	343	387	31	31	313	356	432	460	66
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	257	275	117	117	144	158	233	238	76
Pickup balers	360	382	83	87	289	295	385	389	85
Field forage harvesters, shear bar or flywheel type	132	144	24	24	110	120	136	144	27

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	362	109	(X)	314	(X)	319	314
Workers	2 014	(X)	295	(X)	1 719	1 964	2 143
Farms with—							
1 worker	110	56	56	98	98	74	113
2 workers	76	25	50	72	144	69	47
3 or 4 workers	72	21	73	49	161	72	54
5 to 9 workers	72	4	21	69	429	72	49
10 workers or more	32	3	95	26	887	32	51

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	705	(X)	734	(X)	569	(X)	528	(X)
Any cattle, hogs, or sheep	624	(X)	658	(X)	529	(X)	494	(X)
Sales:								
Any livestock or poultry and their products $1,000	660	26 661	671	17 001	566	26 571	507	16 860
Any cattle, hogs, or sheep $1,000	624	22 470	621	(NA)	544	(D)	489	12 556
CATTLE AND CALVES								
Inventory:								
Cattle and calves	419	15 894	523	19 955	346	15 264	387	18 618
Cows and heifers that had calved	308	6 995	374	8 151	260	6 743	292	7 617
Beef cows	227	3 959	255	4 289	185	3 728	185	3 820
Milk cows	103	3 036	171	3 862	94	3 015	144	3 797
Heifers and heifer calves	274	4 571	(NA)	(NA)	237	4 443	270	4 994
Steers, steer calves, bulls and bull calves	358	4 328	(NA)	(NA)	298	4 078	326	6 007
Sales:								
Cattle and calves	368	8 544	443	8 435	327	8 412	358	8 088
$1,000	(X)	3 235	(X)	(NA)	(X)	3 196	(X)	2 348
Calves	153	2 750	(NA)	(NA)	137	2 700	131	2 033
$1,000	(X)	550	(X)	(NA)	(X)	542	(X)	210
Cattle	319	5 794	(NA)	(NA)	287	5 712	336	6 055
$1,000	(X)	2 685	(X)	(NA)	(X)	2 654	(X)	2 139
Fattened cattle	189	3 651	(NA)	(NA)	172	3 605	152	3 794
$1,000	(X)	1 655	(X)	(NA)	(X)	1 638	(X)	1 443
Dairy products $1,000	69	3 124	(NA)	(NA)	68	(D)	102	2 901
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	364	125 080	318	94 893	327	124 476	261	94 154
Used or to be used for breeding	312	32 054	(NA)	(NA)	289	31 858	213	19 032
Other hogs and pigs	325	93 026	(NA)	(NA)	293	92 618	250	75 122
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	318	29 845	266	20 095	294	29 723	236	19 952
Dec. 1 of preceding year and May 31	266	14 071	194	8 778	248	13 997	180	8 718
June 1 and Nov. 30	270	15 774	206	11 317	254	15 726	179	11 234
Sheep and lambs	49	2 204	52	4 319	40	1 947	37	3 723
Ewes 1 year old or older	48	1 316	(NA)	(NA)	39	1 183	32	1 829
Goats	5	25	(NA)	(NA)	3	(D)	4	27
Horses and ponies	155	718	176	842	92	393	89	574
Sales:								
Hogs and pigs	386	189 990	339	130 774	349	189 493	284	130 077
$1,000	(X)	19 148	(X)	(NA)	(X)	19 116	(X)	10 109
Feeder pigs	113	21 487	64	11 284	99	21 229	52	11 110
$1,000	(X)	925	(X)	(NA)	(X)	916	(X)	277
Sheep and lambs	45	1 390	54	3 038	38	1 287	39	2 718
Sheep and lambs shorn	42	1 642	(NA)	(NA)	33	1 470	30	2 304
Pounds of wool	(X)	12 221	(X)	(NA)	(X)	11 027	(X)	15 842
Sheep, lambs, and wool $1,000	47	88	(NA)	(NA)	38	(D)	40	99
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	31	107	29	95	24	92	13	60
$1,000	(X)	55	(X)	(NA)	(X)	49	(X)	21
POULTRY								
Inventory:								
Any poultry	124	(X)	191	(X)	84	(X)	119	(X)
Chickens 3 months old or older	99	(D)	175	118 432	70	(D)	105	116 132
Hens and pullets of laying age	97	(D)	164	112 561	69	(D)	98	110 600
Pullets 3 months old or older	10	237	(NA)	(NA)	7	203	11	5 132
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	3	45
Broilers and other meat-type chickens	28	8 662	38	5 104	18	7 248	24	3 778
Turkeys	7	288	(NA)	(NA)	4	98	9	202
Turkeys for slaughter	4	(D)	(NA)	(NA)	3	(D)	8	(D)
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	2	(D)	2	(D)
Other poultry	31	(X)	(NA)	(X)	18	(X)	17	(X)
Sales:								
Any poultry	37	(X)	52	(X)	28	(X)	41	(X)
Chickens 3 months old or older	19	37 808	35	74 874	17	(D)	28	74 572
Hens and pullets of laying age	19	(D)	33	72 800	17	(D)	27	(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)	2	(D)
Broilers and other meat-type chickens	16	(D)	17	3 879	9	(D)	13	3 387
Turkeys	2	(D)	(NA)	(NA)	1	(D)	5	808
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	5	808
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	12	(X)	(NA)	(X)	9	(X)	9	(X)
Poultry and poultry products $1,000	56	691	78	1 110	46	687	49	1 107

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	779	68 108	(X)	48	6 504	679	66 922	(X)	46	(D)
	1974	809	58 155	(X)	(NA)	(NA)	652	56 264	(X)	12	1 341
For grain or seed (bushels)	1978	776	66 222	5 992 000	45	6 372	677	65 038	5 921 932	44	(D)
	1974	783	52 682	2 737 519	(NA)	(NA)	633	50 895	2 676 995	11	(D)
For silage or green chop (tons, green)	1978	74	(D)	24 900	4	132	73	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	114	4 362	42 071	1	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	35	1 007	(X)	–	–
Sorghums for all purposes	1978	30	875	(X)	–	–	28	(D)	(X)	–	–
	1974	45	1 810	(X)	(NA)	(NA)	39	1 731	(X)	–	–
For grain or seed (bushels)	1978	24	802	56 918	–	–	23	(D)	(D)	–	–
	1974	32	1 459	78 756	(NA)	(NA)	31	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	6	73	1 053	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	126	769	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	124	(X)	–	–
Wheat for grain (bushels)	1978	204	6 259	218 420	1	(D)	199	6 194	216 510	1	(D)
	1974	435	11 838	387 352	(NA)	(NA)	387	11 406	376 391	–	–
Oats for grain (bushels)	1978	171	3 224	147 346	–	–	163	3 143	143 968	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	195	3 736	170 985	–	–
Barley for grain (bushels)	1978	12	191	8 431	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	302	12 139	–	–
Rye for grain (bushels)	1978	16	269	6 302	–	–	16	269	6 302	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	478	13 396	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	34	(X)	–	–
Soybeans for beans (bushels)	1978	343	18 963	495 703	7	284	318	18 625	490 277	7	284
	1974	303	11 535	195 107	(NA)	(NA)	268	11 172	189 473	5	153
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)	2	(D)	2	(D)	(D)	2	(D)
	1974	8	804	38 530	(NA)	(NA)	4	800	38 315	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Hay crops (tons, dry) (see text)	1978	516	17 837	46 230	10	254	428	16 554	44 084	9	(D)
	1974	581	18 126	38 731	(NA)	(NA)	438	16 291	35 642	1	(D)
Alfalfa hay (tons, dry)	1978	472	14 627	40 081	9	209	397	13 586	38 230	8	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	376	11 961	27 402	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	72	1 174	1 983	–	–	61	1 022	1 778	–	–
Field seed crops	1978	5	139	(X)	–	–	5	139	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	48	800	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Red clover seed (pounds)	1978	5	139	15 450	–	–	5	139	15 450	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	45	766	89 485	–	–
All vegetables harvested for sale (see text)	1978	59	2 615	(X)	19	1 194	52	2 599	(X)	19	1 194
	1974	61	2 615	(X)	(NA)	(NA)	52	2 581	(X)	19	1 089
Sweet corn	1978	24	104	(X)	5	(D)	18	90	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	185	(X)	7	89
Tomatoes	1978	26	403	(X)	12	266	21	402	(X)	12	266
	1974	(NA)	(NA)	(X)	(NA)	(NA)	27	431	(X)	14	173
Green peas excluding cowpeas	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Land in orchards	1978	62	2 027	(X)	6	172	49	1 974	(X)	5	(D)
	1974	53	1 840	(X)	(NA)	(NA)	40	1 811	(X)	1	(D)
Apples (pounds)	1978	49	1 208	12 277 149	(NA)	(NA)	37	1 179	12 197 679	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	946	8 279 650	(NA)	(NA)
Peaches (pounds)	1978	21	62	393 472	(NA)	(NA)	17	60	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	67	361 818	(NA)	(NA)
Grapes (pounds) (see text)	1978	26	257	1 658 591	(NA)	(NA)	20	243	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	334	2 128 000	(NA)	(NA)
Berries	1978	15	57	(X)	5	32	11	53	(X)	5	32
	1974	11	88	(X)	(NA)	(NA)	9	(D)	(X)	6	43
Strawberries (pounds)	1978	6	31	(D)	4	31	5	(D)	(D)	4	31
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	78	279 187	4	38
Nursery and greenhouse products	1978	18	63	(X)	7	16	16	(D)	(X)	7	16
Other crops	1978	7	243	(X)	(NA)	(NA)	7	243	(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	247	47 664	219	44 036	154	37 324	122	32 758
Average size of farm	(X)	193	(X)	201	(X)	242	(X)	269
Approximate land area	(X)	264 960	(X)	264 960	(X)	264 960	(X)	264 960
Proportion in farms, percent	(X)	18.0	(X)	16.6	(X)	14.1	(X)	12.4
Value of land and buildings:[1]								
Average per farm, dollars	115 618	(X)	79 361	(X)	139 447	(X)	113 189	(X)
Average per acre, dollars	(X)	660	(X)	395	(X)	671	(X)	422
Land in farms according to use:								
Total cropland	241	29 413	216	26 093	151	24 146	120	20 549
Harvested cropland	231	19 545	202	15 623	148	17 124	118	13 265
By acres harvested:								
1 to 9 acres	18	96	18	(NA)	10	43	8	(NA)
10 to 19 acres	34	466	23	(NA)	6	85	3	(NA)
20 to 29 acres	29	659	17	(NA)	13	304	5	(NA)
30 to 49 acres	43	1 563	48	(NA)	24	876	17	(NA)
50 to 99 acres	49	3 378	43	(NA)	39	2 639	33	(NA)
100 to 199 acres	35	4 624	37	(NA)	33	(D)	36	(NA)
200 to 499 acres	19	5 243	15	(NA)	19	5 243	15	(NA)
500 to 999 acres	3	(D)	1	(NA)	3	(D)	1	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	131	6 464	153	7 014	76	4 627	87	4 753
Other cropland	125	3 404	89	3 456	82	2 395	59	2 531
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	49	1 003	(NA)	(NA)	35	710	15	(D)
Cropland on which all crops failed	23	240	(NA)	(NA)	14	143	2	(D)
Cropland in cultivated summer fallow	31	539	(NA)	(NA)	21	358	34	1 327
Cropland idle	65	1 622	(NA)	(NA)	43	1 184	22	894
Total woodland	198	12 492	164	12 005	123	9 323	98	8 117
Woodland pastured	73	2 655	(NA)	(NA)	39	1 717	54	2 626
Woodland not pastured	163	9 837	(NA)	(NA)	104	7 606	81	5 491
Other land	204	5 759	168	5 938	123	3 855	100	4 092
Pastureland and rangeland, other than cropland and woodland pastured	45	2 075	(NA)	(NA)	21	1 272	44	2 252
Land in house lots, ponds, roads, wasteland, etc	198	3 684	(NA)	(NA)	121	2 583	90	1 840
Pastureland, all types	172	11 194	(NA)	(NA)	98	7 616	(NA)	9 631
Irrigated land	7	20	1	(D)	5	(D)	1	(D)
Harvested cropland irrigated	5	(D)	(NA)	(NA)	3	(D)	1	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	32	406	(X)	(X)	31	(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]	247	4 530	219	3 005	154	4 419	122	2 894
Average per farm, dollars	(X)	18 342	(X)	13 721	(X)	28 695	(X)	23 721
Farms by value of agricultural products sold:[1]								
$100,000 or more	10	1 999	5	(NA)	10	1 999	5	(NA)
$40,000 to $99,999	20	1 224	12	(NA)	20	1 224	12	(NA)
$20,000 to $39,999	14	384	22	(NA)	14	384	22	(NA)
$10,000 to $19,999	24	370	36	(NA)	24	370	36	(NA)
$5,000 to $9,999	38	270	27	(NA)	38	270	27	(NA)
$2,500 to $4,999	48	171	18	(NA)	48	171	18	(NA)
Less than $2,500 (see text)	93	111	99	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	18	40	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	28	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	22	26	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	37	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	133	1 563	141	609	96	1 526	(NA)	570
Grains	45	232	(NA)	(NA)	38	224	56	169
Commodity Credit Corporation loans	3	10	(NA)	(NA)	3	10	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	92	334	(NA)	(NA)	68	314	57	264
Vegetables, sweet corn, and melons	16	(D)	(NA)	(NA)	12	(D)	10	(D)
Fruits, nuts, and berries	14	604	(NA)	(NA)	7	598	5	77
Nursery and greenhouse products	4	23	11	32	3	(D)	3	28
Other crops	5	(D)	(NA)	(NA)	4	(D)	1	(D)
Livestock, poultry, and their products	177	2 968	170	2 362	113	2 893	106	2 291
Poultry and poultry products	10	338	15	232	8	(D)	7	230
Dairy products	39	1 765	(NA)	(NA)	35	1 763	40	1 481
Cattle and calves	152	735	(NA)	(NA)	95	675	102	488
Hogs and pigs	24	60	(NA)	(NA)	15	56	8	5
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Other livestock and livestock products (see text)	24	(D)	(NA)	(NA)	15	48	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	247	219	47 664	231	46 849	19 545	7	681	159	20
Farms with—										
1 to 9 acres	6	8	17	3	9	7	–	–	–	–
10 to 49 acres	28	17	983	21	726	340	2	(D)	(D)	(D)
50 to 69 acres	9	5	511	9	511	205	1	(D)	(D)	(D)
70 to 99 acres	46	38	3 707	42	3 397	1 509	–	–	–	–
100 to 139 acres	39	29	4 566	37	4 326	1 164	3	360	44	8
140 to 179 acres	28	30	4 304	28	4 304	1 212	–	–	–	–
180 to 219 acres	17	20	3 428	17	3 428	863	1	(D)	(D)	(D)
220 to 259 acres	14	11	3 285	14	3 285	1 241	–	–	–	–
260 to 499 acres	47	53	16 026	47	16 026	7 593	–	–	–	–
500 to 999 acres	10	6	6 770	10	6 770	3 281	–	–	–	–
1,000 to 1,999 acres	3	2	4 067	3	4 067	2 130	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	247	47 664	219	44 036	154	37 324	122	32 758
Harvested cropland	231	19 545	202	15 623	148	17 124	118	13 265
Tenure of operator:								
Full owners	154	19 358	132	17 431	79	(D)	51	(D)
Harvested cropland	141	5 459	(NA)	4 335	73	3 601	(NA)	2 623
Part owners	86	27 298	80	24 228	69	24 776	66	22 345
Harvested cropland	84	13 666	(NA)	10 369	69	13 103	(NA)	9 764
Tenants	7	1 008	7	2 377	6	(D)	5	(D)
Harvested cropland	6	420	(NA)	919	6	420	(NA)	878
Type of organization:								
Individual or family	220	38 451	(NA)	(NA)	132	28 824	115	29 412
Partnership	24	7 409	(NA)	(NA)	19	6 696	5	(D)
Corporation	3	1 804	(NA)	(NA)	3	1 804	1	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(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	125	112	96	88
Other	122	105	58	32
Operators by age group:				
Under 25 years	6	6	4	2
25 to 34 years	29	19	20	17
35 to 44 years	45	43	28	26
45 to 54 years	64	61	43	29
55 to 64 years	58	57	39	31
65 years and over	45	31	20	15
Average age	50.6	50.7	49.2	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	193	174	123	99
Not on farm operated	25	5	15	1
Not reported	29	38	16	20
Operators reporting days of work off farm:				
None	80	62	59	39
1 to 49 days	17	10	13	7
50 to 99 days	5	8	5	7
100 to 149 days	8	1	3	1
150 to 199 days	17	12	13	3
200 days or more	109	84	53	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				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	86	333	85	189	74	332	52	169
Feed for livestock and poultry	146	451	157	485	112	434	88	456
Commercially mixed formula feeds	61	204	95	301	44	200	66	295
Animal health costs	110	37	(NA)	(NA)	88	34	66	25
Seeds, bulbs, plants, and trees	192	99	142	61	147	91	101	56
Commercial fertilizer	202	353	138	200	158	332	93	183
Other agricultural chemicals including lime	141	130	81	40	113	127	64	38
Hired farm labor	60	383	76	170	54	383	63	166
Contract labor	12	27	5	1	12	27	2	(D)
Customwork, machine hire, and rental of machinery and equipment	58	102	55	33	34	77	36	30
Energy and petroleum products	248	258	(NA)	(NA)	186	233	(NA)	(NA)
Petroleum products	248	190	212	157	186	169	120	134
Gasoline	217	100	(NA)	(NA)	156	84	119	83
Diesel fuel	131	62	(NA)	(NA)	113	61	63	37
LP gas, butane, and propane	14	4	(NA)	(NA)	14	4	7	(Z)
Fuel oil	23	4	(NA)	(NA)	6	3		
Natural gas	17	4	(NA)	(NA)	17	4	120	14
Kerosene, motor oil, and grease	248	17	(NA)	(NA)	186	14		
Electricity	146	64	(NA)	(NA)	117	61	(NA)	(NA)
Other—coal, wood, coke, etc.	6	3	(NA)	(NA)	6	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	196	12 784	152	11 959	93	6 215
Cropland fertilized, except pasture	196	11 834	152	11 009	(NA)	6 067
Pasture and rangeland fertilized	20	950	20	950	(NA)	148
Lime	9	175	3	103	10	216
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	60	2 788	48	2 752	(NA)	540
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	8	1 739	2	(D)	2	(D)
Weeds, grass, or brush in crops and pasture	101	5 763	79	5 469	(NA)	2 883
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	10	200	10	200	1	(D)
Insect control on livestock and poultry	91	(X)	80	(X)	14	(X)
Sanitation and rodent and bird control	35	(X)	29	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	248	212	186	118
$1,000	6 247	3 718	5 863	2 633
Average per farm—dollars	25 191	17 538	31 523	22 314
Farms by value group:				
$1 to $4,999	40	35	17	13
$5,000 to $9,999	76	51	42	22
$10,000 to $19,999	34	54	29	29

	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	39	34	39	22
$30,000 to $49,999	8	29	8	23
$50,000 to $69,999	21	3	21	3
$70,000 to $99,999	20		20	
$100,000 to $199,999	8	6	8	6
$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	155	209	80	93	104	116	181	256	120
Motortrucks including pickups	191	244	90	110	110	134	170	209	62
Wheel tractors	232	516	51	76	230	440	200	441	61
Grain and bean combines, self-propelled only	22	23	13	13	9	10	18	19	3
Corn heads for combines	15	15	1	(D)	14	(D)	9	9	5
Other cornpickers and picker-shellers	82	82	–	–	82	82	54	57	16
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	83	96	25	26	70	70	67	71	26
Pickup balers	135	148	6	6	130	142	114	117	25
Field forage harvesters, shear bar or flywheel type	88	103	4	4	84	99	54	57	12

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	60	16	(X)	48	(X)	54	63
Workers	248	(X)	24	(X)	224	236	207
Farms with—							
1 worker	18	11	11	9	9	18	27
2 workers	7	3	(D)	6	12	1	10
3 or 4 workers	16	2	(D)	15	57	16	13
5 to 9 workers	17	–	–	16	(D)	17	8
10 workers or more	2	–	–	2	(D)	2	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	187	(X)	179	(X)	113	(X)	104	(X)
Any cattle, hogs, or sheep	167	(X)	165	(X)	101	(X)	97	(X)
Sales:								
Any livestock or poultry and their products $1,000	177	2 968	170	2 362	113	2 893	106	2 291
Any cattle, hogs, or sheep $1,000	161	(D)	163	(NA)	102	(D)	102	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	158	5 915	165	7 318	94	5 153	97	6 064
Cows and heifers that had calved	142	2 672	152	3 710	84	2 327	92	3 132
Beef cows	95	1 014	111	1 814	46	720	55	1 283
Milk cows	69	1 658	60	1 896	50	1 607	46	1 849
Heifers and heifer calves	129	2 088	(NA)	(NA)	86	1 899	80	1 641
Steers, steer calves, bulls and bull calves	135	1 155	(NA)	(NA)	79	927	87	1 291
Sales:								
Cattle and calves	152	2 462	162	2 699	95	2 254	102	2 347
$1,000	(X)	735	(X)	(NA)	(X)	675	(X)	488
Calves	79	971	(NA)	(NA)	58	905	64	1 206
$1,000	(X)	149	(X)	(NA)	(X)	139	(X)	135
Cattle	139	1 491	(NA)	(NA)	91	1 349	95	1 141
$1,000	(X)	585	(X)	(NA)	(X)	536	(X)	353
Fattened cattle	33	267	(NA)	(NA)	19	228	21	196
$1,000	(X)	109	(X)	(NA)	(X)	95	(X)	59
Dairy products $1,000	39	1 765	(NA)	(NA)	35	1 763	40	1 481
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	32	667	28	283	22	602	13	142
Used or to be used for breeding	20	144	(NA)	(NA)	15	112	7	18
Other hogs and pigs	26	523	(NA)	(NA)	18	490	13	124
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	20	166	22	53	15	159	8	21
Dec. 1 of preceding year and May 31	14	87	9	21	14	87	3	9
June 1 and Nov. 30	19	79	19	32	14	72	7	12
Sheep and lambs	2	(D)	7	456	1	(D)	4	451
Ewes 1 year old or older	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Goats	7	51	(NA)	(NA)	4	25	–	–
Horses and ponies	56	403	56	280	29	298	27	196
Sales:								
Hogs and pigs	24	956	22	235	15	901	8	100
$1,000	(X)	60	(X)	(NA)	(X)	56	(X)	5
Feeder pigs	5	(D)	10	84	4	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	1	(D)	2	(D)	1	(D)	2	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	11	47	4	16	6	34	1	(D)
$1,000	(X)	14	(X)	(NA)	(X)	9	(X)	(D)
POULTRY								
Inventory:								
Any poultry	47	(X)	51	(X)	26	(X)	28	(X)
Chickens 3 months old or older	42	31 503	49	25 786	22	31 009	28	25 014
Hens and pullets of laying age	41	(D)	39	25 477	22	(D)	20	24 860
Pullets 3 months old or older	8	(D)	(NA)	(NA)	3	(D)	3	70
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	5	372	9	657	3	(D)	3	49
Turkeys	3	36	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	5	(X)	(NA)	(X)	3	(X)	1	(X)
Sales:								
Any poultry	8	(X)	9	(X)	6	(X)	4	(X)
Chickens 3 months old or older	4	19 900	9	21 760	4	19 900	4	21 460
Hens and pullets of laying age	4	19 900	9	21 700	4	19 900	4	21 460
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)	–	–	–	–
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	10	338	15	232	8	(D)	7	230

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	128	5 183	(X)	–	–	92	4 899	(X)	–	–
	1974	113	4 511	(X)	(NA)	(NA)	87	4 222	(X)	–	–
For grain or seed (bushels)	1978	94	2 970	243 799	–	–	73	2 818	236 729	–	–
	1974	92	2 681	187 538	(NA)	(NA)	74	2 515	177 587	–	–
For silage or green chop (tons, green)	1978	82	2 213	25 466	–	–	63	2 081	24 581	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	61	1 707	20 715	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	4	26	(X)	–	–	4	26	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	4	26	367	–	–	4	26	367	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	9	101	3 603	–	–	7	(D)	(D)	–	–
	1974	28	282	9 852	(NA)	(NA)	22	252	9 012	–	–
Oats for grain (bushels)	1978	62	807	34 503	–	–	44	642	29 501	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	41	760	47 631	–	–
Barley for grain (bushels)	1978	4	87	3 456	–	–	4	87	3 456	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	4	19	730	–	–	4	19	730	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	27	720	–	–
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	30	5 149	1	(D)	5	(D)	(D)	1	(D)
	1974	7	16	3 161	(NA)	(NA)	3	16	3 125	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(Z)	(D)	(NA)	(NA)	1	(D)	–	1	(D)
Hay crops (tons, dry) (see text)	1978	200	11 897	23 861	–	–	131	9 995	21 316	–	–
	1974	175	10 101	19 582	(NA)	(NA)	100	8 168	16 788	–	–
Alfalfa hay (tons, dry)	1978	184	8 896	18 315	–	–	123	7 314	16 059	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	87	6 007	13 040	–	–
Other tame dry hay (tons, dry) (see text)	1978	18	846	1 998	–	–	12	761	1 909	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	16	1 081	(X)	3	10	12	1 071	(X)	1	(D)
	1974	18	70	(X)	(NA)	(NA)	10	55	(X)	1	(D)
Sweet corn	1978	10	32	(X)	3	9	7	26	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	25	(X)	1	(D)
Tomatoes	1978	3	(D)	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	14	974	(X)	–	–	6	(D)	(X)	–	–
	1974	9	168	(X)	(NA)	(NA)	5	158	(X)	–	–
Apples (pounds)	1978	8	247	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	106 525	(NA)	(NA)
Peaches (pounds)	1978	6	16	(D)	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	33 360	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	5	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	4	4	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	6	(X)	1	(D)	3	(D)	(X)	–	–
Other crops	1978	4	145	(X)	(NA)	(NA)	4	145	(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	221	50 395	178	46 527	128	40 183	103	32 495
Average size of farm	(X)	228	(X)	261	(X)	314	(X)	315
Approximate land area	(X)	461 440	(X)	461 440	(X)	461 440	(X)	461 440
Proportion in farms, percent	(X)	10.9	(X)	10.1	(X)	8.7	(X)	7.0
Value of land and buildings:[1]								
Average per farm, dollars	104 796	(X)	77 770	(X)	146 022	(X)	98 903	(X)
Average per acre, dollars	(X)	443	(X)	298	(X)	451	(X)	313
Land in farms according to use:								
Total cropland	214	29 167	173	27 176	123	23 206	102	18 320
Harvested cropland	207	16 983	154	13 182	121	14 653	98	11 213
By acres harvested:								
1 to 9 acres	15	78	11	(NA)	4	21	6	(NA)
10 to 19 acres	24	348	12	(NA)	5	73	–	(NA)
20 to 29 acres	36	849	10	(NA)	12	298	2	(NA)
30 to 49 acres	34	1 273	29	(NA)	9	355	13	(NA)
50 to 99 acres	48	3 429	54	(NA)	42	3 000	39	(NA)
100 to 199 acres	29	(D)	22	(NA)	28	(D)	22	(NA)
200 to 499 acres	20	6 504	14	(NA)	20	6 504	14	(NA)
500 to 999 acres	1	(D)	2	(NA)	1	(D)	2	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	127	8 607	136	11 351	74	6 433	73	6 401
Other cropland	94	3 577	63	2 643	55	2 120	36	706
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	17	441	(NA)	(NA)	11	382	2	(D)
Cropland on which all crops failed	21	459	(NA)	(NA)	16	423	–	–
Cropland in cultivated summer fallow	23	645	(NA)	(NA)	15	368	23	433
Cropland idle	56	2 032	(NA)	(NA)	29	947	13	(D)
Total woodland	148	14 518	133	14 777	91	11 628	83	10 851
Woodland pastured	64	5 565	(NA)	(NA)	44	5 081	48	5 668
Woodland not pastured	109	8 953	(NA)	(NA)	62	6 547	66	5 183
Other land	164	6 710	134	4 574	98	5 349	86	3 324
Pastureland and rangeland, other than cropland and woodland pastured	33	3 790	(NA)	(NA)	24	3 367	17	1 572
Land in house lots, ponds, roads, wasteland, etc	157	2 920	(NA)	(NA)	92	1 982	83	1 752
Pastureland, all types	155	17 962	(NA)	(NA)	94	14 881	(NA)	13 641
Irrigated land	9	188	4	11	6	113	4	11
Harvested cropland irrigated	9	108	(NA)	(NA)	6	(D)	4	11
Pastureland irrigated	2	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	10	169	(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]	221	3 212	178	2 142	128	3 119	103	2 062
Average per farm, dollars	(X)	14 533	(X)	12 034	(X)	24 369	(X)	20 019
Farms by value of agricultural products sold:[1]								
$100,000 or more	8	1 504	4	(NA)	8	1 504	4	(NA)
$40,000 to $99,999	10	704	5	(NA)	10	704	5	(NA)
$20,000 to $39,999	3	86	13	(NA)	3	86	13	(NA)
$10,000 to $19,999	30	412	14	(NA)	30	412	14	(NA)
$5,000 to $9,999	37	263	26	(NA)	37	263	26	(NA)
$2,500 to $4,999	40	150	36	(NA)	40	150	36	(NA)
Less than $2,500 (see text)	93	93	80	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	8	19	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	17	29	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	25	31	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	43	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	109	863	106	870	71	826	(NA)	843
Grains	33	198	(NA)	(NA)	28	195	32	75
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	251	(NA)	(NA)	49	222	52	154
Vegetables, sweet corn, and melons	10	8	(NA)	(NA)	6	7	6	5
Fruits, nuts, and berries	6	15	(NA)	(NA)	2	(D)	7	308
Nursery and greenhouse products	6	(D)	3	284	5	(D)	3	284
Other crops	2	(D)	(NA)	(NA)	2	(D)	6	17
Livestock, poultry, and their products	159	2 349	144	1 236	106	2 293	90	1 184
Poultry and poultry products	22	5	7	1	11	(D)	4	(D)
Dairy products	26	1 502	(NA)	(NA)	24	(D)	20	779
Cattle and calves	132	623	(NA)	(NA)	90	581	85	351
Hogs and pigs	29	104	(NA)	(NA)	20	101	14	28
Sheep, lambs, and wool	9	9	(NA)	(NA)	4	6	2	(D)
Other livestock and livestock products (see text)	14	105	(NA)	(NA)	9	102	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	221	178	50 395	207	49 325	16 983	9	1 561	135	188
Farms with—										
1 to 9 acres	3	2	11	–	–	–	–	–	–	–
10 to 49 acres	31	7	1 056	26	898	470	1	(D)	(D)	(D)
50 to 69 acres	16	12	932	16	932	317	3	177	29	9
70 to 99 acres	27	14	2 155	26	2 077	787	2	(D)	(D)	(D)
100 to 139 acres	20	25	2 399	18	2 164	771	–	–	–	–
140 to 179 acres	26	24	4 124	24	3 817	1 356	–	–	–	–
180 to 219 acres	16	9	3 152	16	3 152	724	–	–	–	–
220 to 259 acres	19	18	4 431	19	4 431	1 664	–	–	–	–
260 to 499 acres	40	50	14 488	39	14 207	4 840	3	1 200	79	102
500 to 999 acres	18	14	11 157	18	11 157	4 433	–	–	–	–
1,000 to 1,999 acres	4	3	(D)	4	(D)	(D)	–	–	–	–
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	221	50 395	178	46 527	128	40 183	103	32 495
Harvested cropland	207	16 983	154	13 182	121	14 653	98	11 213
Tenure of operator:								
Full owners	142	20 607	126	24 540	67	(D)	60	(D)
Harvested cropland	128	5 585	(NA)	6 133	60	(D)	(NA)	4 549
Part owners	75	26 720	48	21 467	58	24 646	41	19 855
Harvested cropland	75	10 713	(NA)	7 033	58	10 210	(NA)	6 664
Tenants	4	3 068	4	520	3	(D)	2	(D)
Harvested cropland	4	685	(NA)	16	3	(D)	(NA)	–
Type of organization:								
Individual or family	202	43 394	(NA)	(NA)	112	33 796	97	28 849
Partnership	12	5 381	(NA)	(NA)	11	(D)	4	(D)
Corporation	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(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	79	84	63	61
Other	142	92	65	40
Operators by age group:				
Under 25 years	4	–	3	–
25 to 34 years	27	21	15	9
35 to 44 years	50	30	35	13
45 to 54 years	44	55	22	38
55 to 64 years	62	39	33	27
65 years and over	34	31	20	14
Average age	50.4	51.3	49.2	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	184	141	107	85
Not on farm operated	10	12	6	5
Not reported	27	23	15	11
Operators reporting days of work off farm:				
None	64	38	45	27
1 to 49 days	11	15	7	8
50 to 99 days	4	21	4	10
100 to 149 days	7	2	4	1
150 to 199 days	25	15	15	7
200 days or more	103	66	50	32

[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	101	235	74	168	59	225	44	159
Feed for livestock and poultry	138	502	129	300	83	477	68	276
Commercially mixed formula feeds	29	360	68	159	27	(D)	39	149
Animal health costs	114	21	(NA)	(NA)	86	19	53	10
Seeds, bulbs, plants, and trees	139	138	91	57	81	131	65	55
Commercial fertilizer	137	351	106	117	96	339	74	111
Other agricultural chemicals including lime	75	72	52	41	56	68	39	38
Hired farm labor	76	212	56	333	56	202	47	332
Contract labor	8	5	7	21	8	5	6	(D)
Customwork, machine hire, and rental of machinery and equipment	72	30	39	8	32	22	24	7
Energy and petroleum products	221	317	(NA)	(NA)	128	276	(NA)	(NA)
Petroleum products	221	253	174	136	128	223	101	121
Gasoline	204	115	(NA)	(NA)	114	96	98	83
Diesel fuel	101	52	(NA)	(NA)	71	50	35	20
LP gas, butane, and propane	16	12	(NA)	(NA)	14	(D)	17	7
Fuel oil	29	8	(NA)	(NA)	18	(D)		
Natural gas	11	44	(NA)	(NA)	6	43	101	11
Kerosene, motor oil, and grease	221	22	(NA)	(NA)	128	18		
Electricity	152	(D)	(NA)	(NA)	100	53	(NA)	(NA)
Other—coal, wood, coke, etc.	2	(D)	(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	132	9 714	91	9 248	74	4 322
Cropland fertilized, except pasture	132	9 348	91	8 882	(NA)	4 200
Pasture and rangeland fertilized	11	366	11	366	(NA)	122
Lime	3	21	–	–	5	596
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	24	2 800	20	2 759	(NA)	265
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	2	(D)	1	(D)	2	(D)
Weeds, grass, or brush in crops and pasture	59	6 528	46	6 378	(NA)	1 286
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	33	(X)	28	(X)	7	(X)
Sanitation and rodent and bird control	29	(X)	20	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	221	171	128	99
$1,000	4 719	2 879	4 128	2 303
Average per farm—dollars	21 354	16 836	32 252	23 263
Farms by value group:				
$1 to $4,999	20	30	3	3
$5,000 to $9,999	99	48	30	21
$10,000 to $19,999	44	45	37	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	14	22	14	16
$30,000 to $49,999	17	14	17	14
$50,000 to $69,999	8	8	8	8
$70,000 to $99,999	12	4	12	4
$100,000 to $199,999	3		3	
$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	131	165	81	98	60	67	131	158	101
Motortrucks including pickups	166	212	82	89	97	123	142	209	88
Wheel tractors	212	444	42	56	203	388	163	324	42
Grain and bean combines, self-propelled only	30	35	4	4	26	31	13	13	–
Corn heads for combines	12	12	5	5	7	7	3	3	–
Other cornpickers and picker-shellers	24	25	–	–	24	25	11	12	5
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	84	85	30	30	55	55	63	65	31
Pickup balers	126	131	19	19	108	112	99	99	21
Field forage harvesters, shear bar or flywheel type	35	38	6	7	30	31	27	28	7

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	76	13	(X)	71	(X)	56	47
Workers	197	(X)	24	(X)	173	140	399
Farms with—							
1 worker	34	8	8	33	33	23	19
2 workers	18	2	(D)	21	42	16	6
3 or 4 workers	16	2	(D)	10	36	14	7
5 to 9 workers	6	1	(D)	5	(D)	1	9
10 workers or more	2	–	–	2	(D)	2	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	173	(X)	152	(X)	105	(X)	88	(X)
Any cattle, hogs, or sheep	159	(X)	138	(X)	99	(X)	83	(X)
Sales:								
Any livestock or poultry and their products, $1,000	159	2 349	144	1 236	106	2 293	90	1 184
Any cattle, hogs, or sheep, $1,000	146	737	138	(NA)	98	688	86	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	148	5 719	132	7 279	93	5 188	83	6 206
Cows and heifers that had calved	126	3 074	121	3 678	80	2 851	77	3 200
Beef cows	103	1 664	98	2 622	62	1 465	61	2 169
Milk cows	38	1 410	33	1 056	28	1 386	23	1 031
Heifers and heifer calves	121	1 581	(NA)	(NA)	76	1 421	61	1 307
Steers, steer calves, bulls and bull calves	126	1 064	(NA)	(NA)	81	916	70	1 699
Sales:								
Cattle and calves	132	2 123	129	2 260	90	1 965	85	2 004
$1,000	(X)	623	(X)	(NA)	(X)	581	(X)	351
Calves	84	1 002	(NA)	(NA)	61	926	43	790
$1,000	(X)	233	(X)	(NA)	(X)	220	(X)	94
Cattle	107	1 121	(NA)	(NA)	75	1 039	71	1 214
$1,000	(X)	390	(X)	(NA)	(X)	361	(X)	257
Fattened cattle	31	170	(NA)	(NA)	19	146	14	129
$1,000	(X)	63	(X)	(NA)	(X)	55	(X)	28
Dairy products, $1,000	26	1 502	(NA)	(NA)	24	(D)	20	779
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	36	950	27	520	26	833	16	427
Used or to be used for breeding	25	202	(NA)	(NA)	18	182	7	67
Other hogs and pigs	34	748	(NA)	(NA)	24	651	15	360
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	28	288	17	87	18	269	11	77
Dec. 1 of preceding year and May 31	16	88	8	41	13	83	6	(D)
June 1 and Nov. 30	21	200	13	46	14	186	8	(D)
Sheep and lambs	9	359	9	392	4	215	2	(D)
Ewes 1 year old or older	8	284	(NA)	(NA)	3	179	2	(D)
Goats	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	38	142	45	180	21	73	18	110
Sales:								
Hogs and pigs	29	1 269	19	646	20	1 173	14	581
$1,000	(X)	104	(X)	(NA)	(X)	101	(X)	(D)
Feeder pigs	18	684	10	366	11	601	8	(D)
$1,000	(X)	29	(X)	(NA)	(X)	26	(X)	8
Sheep and lambs	8	219	10	392	3	162	2	(D)
Sheep and lambs shorn	9	310	(NA)	(NA)	4	187	2	(D)
Pounds of wool	(X)	2 413	(X)	(NA)	(X)	1 490	(X)	(D)
Sheep, lambs, and wool, $1,000	9	9	(NA)	(NA)	4	6	2	(D)
Goats	–	–	(NA)	(NA)	–	–	1	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	7	24	11	31	3	(D)	7	23
$1,000	(X)	6	(X)	(NA)	(X)	3	(X)	5
POULTRY								
Inventory:								
Any poultry	45	(X)	36	(X)	25	(X)	19	(X)
Chickens 3 months old or older	40	1 523	34	870	23	716	17	463
Hens and pullets of laying age	39	1 365	32	844	23	716	16	448
Pullets 3 months old or older	5	158	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	10	328	2	(D)	5	165	2	(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	5	(X)	(NA)	(X)	4	(X)	–	(X)
Sales:								
Any poultry	7	(X)	6	(X)	3	(X)	4	(X)
Chickens 3 months old or older	3	70	4	124	1	(D)	2	(D)
Hens and pullets of laying age	3	70	4	101	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	3	(D)	2	(D)	2	(D)	2	(D)
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	22	(D)	7	1	11	(D)	4	(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	52	2 986	(X)	1	(D)	44	2 946	(X)	–	–
	1974	53	1 792	(X)	(NA)	(NA)	37	1 686	(X)	–	–
For grain or seed (bushels)	1978	28	1 214	64 680	1	(D)	23	1 194	63 875	–	–
	1974	37	722	38 878	(NA)	(NA)	25	(D)	36 101	–	–
For silage or green chop (tons, green)	1978	36	1 772	18 872	–	–	32	1 752	18 798	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	1 027	9 166	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	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)	(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	10	158	3 660	–	–	7	149	3 220	–	–
	1974	14	84	2 350	(NA)	(NA)	7	66	1 825	–	–
Oats for grain (bushels)	1978	86	1 996	68 828	1	(D)	61	1 753	61 825	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	60	1 187	58 196	–	–
Barley for grain (bushels)	1978	14	142	4 720	–	–	12	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	43	2 210	–	–
Rye for grain (bushels)	1978	3	15	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	28	560	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	6	6	782	–	–	3	5	(D)	–	–
	1974	12	29	5 585	(NA)	(NA)	8	23	5 095	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	188	11 118	18 002	2	(D)	110	9 111	15 709	1	(D)
	1974	142	9 226	16 216	(NA)	(NA)	91	7 577	14 263	–	–
Alfalfa hay (tons, dry)	1978	160	8 746	14 411	2	(D)	97	7 160	12 505	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	71	4 418	9 391	–	–
Other tame dry hay (tons, dry) (see text)	1978	27	994	1 532	1	(D)	17	736	1 274	1	(D)
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	157	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	157	7 806	–	–
All vegetables harvested for sale (see text)	1978	10	26	(X)	–	–	6	22	(X)	–	–
	1974	9	18	(X)	(NA)	(NA)	8	(D)	(X)	–	–
Sweet corn	1978	10	19	(X)	–	–	6	15	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	15	(X)	–	–
Tomatoes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	8	53	(X)	–	–	3	10	(X)	–	–
	1974	11	531	(X)	(NA)	(NA)	8	531	(X)	–	–
Apples (pounds)	1978	7	30	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	403	3 400 920	(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	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	(D)	(X)	1	(D)	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Strawberries (pounds)	1978	2	(D)	(D)	1	(D)	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	6	24	(X)	6	24	5	(D)	(X)	5	(D)
Other crops	1978	5	627	(X)	(NA)	(NA)	5	627	(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	369	99 716	320	83 530	256	81 909	196	64 329
Average size of farm	(X)	270	(X)	261	(X)	320	(X)	328
Approximate land area	(X)	1 017 600	(X)	1 017 600	(X)	1 017 600	(X)	1 017 600
Proportion in farms, percent	(X)	9.8	(X)	8.2	(X)	8.0	(X)	6.3
Value of land and buildings:[1]								
Average per farm, dollars	85 455	(X)	58 422	(X)	96 507	(X)	73 495	(X)
Average per acre, dollars	(X)	303	(X)	224	(X)	298	(X)	224
Land in farms according to use:								
Total cropland	366	70 069	317	57 965	254	60 971	194	46 065
Harvested cropland	351	46 046	295	34 508	244	41 530	187	29 699
By acres harvested:								
1 to 9 acres	6	36	11	(NA)	2	(D)	3	(NA)
10 to 19 acres	22	291	18	(NA)	5	(D)	4	(NA)
20 to 29 acres	31	729	15	(NA)	6	146	4	(NA)
30 to 49 acres	37	1 399	43	(NA)	12	444	15	(NA)
50 to 99 acres	98	6 656	81	(NA)	67	4 563	39	(NA)
100 to 199 acres	81	11 459	79	(NA)	76	10 827	74	(NA)
200 to 499 acres	68	20 640	42	(NA)	68	20 640	42	(NA)
500 to 999 acres	8	4 836	6	(NA)	8	4 836	6	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	227	14 883	243	17 895	165	12 572	148	12 489
Other cropland	169	2 140	112	5 562	114	6 869	74	3 877
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	40	1 516	(NA)	(NA)	31	1 229	26	939
Cropland on which all crops failed	64	1 756	(NA)	(NA)	45	1 453	18	405
Cropland in cultivated summer fallow	54	1 000	(NA)	(NA)	34	785	18	359
Cropland idle	90	4 868	(NA)	(NA)	59	3 402	37	2 174
Total woodland	257	20 203	222	17 459	173	14 559	140	13 240
Woodland pastured	96	5 157	(NA)	(NA)	64	3 944	69	4 164
Woodland not pastured	213	15 046	(NA)	(NA)	150	10 615	103	9 076
Other land	254	9 444	229	8 106	171	6 379	140	5 024
Pastureland and rangeland, other than cropland and woodland pastured	38	4 690	(NA)	(NA)	25	2 689	33	2 419
Land in house lots, ponds, roads, wasteland, etc	244	4 754	(NA)	(NA)	169	3 690	135	2 605
Pastureland, all types	259	24 730	(NA)	(NA)	183	19 205	(NA)	19 072
Irrigated land	3	(D)	3	14	2	(D)	1	(D)
Harvested cropland irrigated	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	8	47	(X)	(X)	8	47	(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]	369	5 444	320	3 005	256	5 312	196	2 865
Average per farm, dollars	(X)	14 754	(X)	9 391	(X)	20 750	(X)	14 617
Farms by value of agricultural products sold:[1]								
$100,000 or more	7	1 099	1	(NA)	7	1 099	1	(NA)
$40,000 to $99,999	33	1 817	15	(NA)	33	1 817	15	(NA)
$20,000 to $39,999	32	957	26	(NA)	32	957	26	(NA)
$10,000 to $19,999	54	744	35	(NA)	54	744	35	(NA)
$5,000 to $9,999	63	438	59	(NA)	63	438	59	(NA)
$2,500 to $4,999	67	257	54	(NA)	67	257	54	(NA)
Less than $2,500 (see text)	113	132	130	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	19	43	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	22	39	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	23	27	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	49	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	249	1 275	217	(D)	176	1 199	(NA)	(D)
Grains	86	170	(NA)	(NA)	70	161	64	91
Commodity Credit Corporation loans	3	(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	225	1 085	(NA)	(NA)	161	1 017	115	389
Vegetables, sweet corn, and melons	5	5	(NA)	(NA)	3	(D)	–	–
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Nursery and greenhouse products	1	(D)	4	(D)	1	(D)	2	(D)
Other crops	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Livestock, poultry, and their products	246	4 169	266	2 373	190	4 113	173	(D)
Poultry and poultry products	22	(D)	26	137	15	(D)	16	135
Dairy products	86	2 543	(NA)	(NA)	86	2 543	77	1 553
Cattle and calves	216	1 092	(NA)	(NA)	175	1 047	164	570
Hogs and pigs	17	67	(NA)	(NA)	13	66	9	(D)
Sheep, lambs, and wool	22	55	(NA)	(NA)	17	51	18	27
Other livestock and livestock products (see text)	18	(D)	(NA)	(NA)	11	(D)	11	12

[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	369	320	99 716	351	95 856	46 046	3	965	393	(D)
Farms with—										
1 to 9 acres	–	4	–	–	–	–	–	–	–	–
10 to 49 acres	16	11	519	16	519	330	–	–	–	–
50 to 69 acres	10	4	576	10	576	256	–	–	–	–
70 to 99 acres	47	33	3 736	46	3 656	2 148	–	–	–	–
100 to 139 acres	39	39	4 439	36	4 081	1 954	1	(D)	(D)	(D)
140 to 179 acres	40	36	6 254	36	5 654	2 227	–	–	–	–
180 to 219 acres	39	41	7 605	38	7 405	3 585	–	–	–	–
220 to 259 acres	30	39	7 169	26	6 233	2 338	–	–	–	–
260 to 499 acres	100	81	35 531	95	33 845	17 044	1	(D)	(D)	(D)
500 to 999 acres	45	30	30 198	45	30 198	15 607	1	(D)	(D)	(D)
1,000 to 1,999 acres	3	2	3 689	3	3 689	557	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	369	99 716	320	83 530	256	81 909	196	64 329
Harvested cropland	351	46 046	295	34 508	244	41 530	187	29 699
Tenure of operator:								
Full owners	231	47 256	230	48 401	143	(D)	120	31 618
Harvested cropland	217	19 116	(NA)	17 481	134	(D)	(NA)	13 566
Part owners	132	51 116	89	(D)	111	47 062	76	32 711
Harvested cropland	129	26 381	(NA)	17 027	108	25 147	(NA)	16 133
Tenants	6	1 344	1	(D)	2	(D)	–	–
Harvested cropland	5	549	(NA)	–	2	(D)	(NA)	–
Type of organization:								
Individual or family	343	87 591	(NA)	(NA)	233	70 128	180	57 254
Partnership	22	10 440	(NA)	(NA)	19	10 096	16	7 075
Corporation	3	(D)	(NA)	(NA)	3	(D)	–	–
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	176	168	147	124
Other	193	152	109	72
Operators by age group:				
Under 25 years	6	4	5	4
25 to 34 years	36	30	24	16
35 to 44 years	82	68	56	52
45 to 54 years	103	76	72	47
55 to 64 years	81	81	61	51
65 years and over	61	61	38	26
Average age	50.5	51.9	50.4	50.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	301	256	205	161
Not on farm operated	40	33	31	26
Not reported	28	31	20	9
Operators reporting days of work off farm:				
None	123	81	101	53
1 to 49 days	23	22	23	21
50 to 99 days	10	11	6	5
100 to 149 days	9	26	4	13
150 to 199 days	18	28	9	14
200 days or more	171	120	104	62

[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	143	404	133	189	113	400	77	168
Feed for livestock and poultry	244	908	244	595	190	887	155	571
Commercially mixed formula feeds	108	474	140	256	89	463	111	249
Animal health costs	190	41	(NA)	(NA)	170	40	121	36
Seeds, bulbs, plants, and trees	242	92	151	39	170	84	104	35
Commercial fertilizer	255	413	203	111	212	392	140	99
Other agricultural chemicals including lime	83	82	35	8	67	76	24	7
Hired farm labor	129	206	104	136	105	200	80	131
Contract labor	12	6	6	4	12	6	5	(D)
Customwork, machine hire, and rental of machinery and equipment	128	36	99	32	108	33	73	29
Energy and petroleum products	359	378	(NA)	(NA)	265	325	(NA)	(NA)
Petroleum products	359	269	308	235	265	234	192	201
Gasoline	344	171	(NA)	(NA)	250	144	183	136
Diesel fuel	153	61	(NA)	(NA)	139	59	96	40
LP gas, butane, and propane	5	(D)	(NA)	(NA)	5	(D)	19	6
Fuel oil	22	10	(NA)	(NA)	17	9	192	19
Natural gas	1	(D)	(NA)	(NA)	1	(D)		
Kerosene, motor oil, and grease	359	25	(NA)	(NA)	265	21		
Electricity	285	102	(NA)	(NA)	226	89	(NA)	(NA)
Other—coal, wood, coke, etc.	32	8	(NA)	(NA)	8	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		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	254	17 919	211	16 985	140	6 759
Cropland fertilized, except pasture	254	16 647	211	15 713	(NA)	6 258
Pasture and rangeland fertilized	38	1 272	38	1 272	(NA)	501
Lime	16	120	5	30	6	252
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	33	3 427	32	(D)	(NA)	80
Nematodes in crops	14	1 517	14	1 517	–	–
Diseases in crops and orchards	20	882	19	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	68	3 308	52	2 832	(NA)	246
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	8	152	7	(D)	–	–
Insect control on livestock and poultry	62	(X)	47	(X)	11	(X)
Sanitation and rodent and bird control	31	(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	369	311	275	190
Estimated market value of all machinery and equipment—$1,000	7 754	4 931	6 688	3 753
Average per farm—dollars	21 013	15 855	24 320	19 753
Farms by value group:				
$1 to $4,999	32	50	16	13
$5,000 to $9,999	67	83	17	40
$10,000 to $19,999	131	93	108	63

	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	59	42	59	34
$30,000 to $49,999	52	31	52	28
$50,000 to $69,999	10	9	10	9
$70,000 to $99,999	16		11	
$100,000 to $199,999	2	3	2	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	270	346	168	206	139	140	251	323	157
Motortrucks including pickups	290	388	124	133	211	255	258	332	120
Wheel tractors	349	828	112	138	311	690	299	671	72
Grain and bean combines, self-propelled only	112	118	6	6	106	112	71	71	5
Corn heads for combines	1	(D)	–	–	1	(D)	1	(D)	–
Other cornpickers and picker-shellers	6	6	–	–	6	6	2	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	185	200	80	80	118	120	107	110	40
Pickup balers	259	289	83	93	179	196	229	242	46
Field forage harvesters, shear bar or flywheel type	63	73	15	15	49	58	38	42	17

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	129	31	(X)	111	(X)	105	80
Workers	408	(X)	(D)	(X)	362	379	267
Farms with—							
1 worker	69	29	29	56	56	50	31
2 workers	15	–	–	16	32	10	10
3 or 4 workers	28	1	(D)	23	76	28	17
5 to 9 workers	9	–	–	9	57	9	18
10 workers or more	8	1	(D)	7	141	8	4

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	276	(X)	278	(X)	195	(X)	173	(X)
Any cattle, hogs, or sheep	245	(X)	265	(X)	181	(X)	166	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	246	4 169	266	2 373	190	4 113	173	(D)
Any cattle, hogs, or sheep ... $1,000	228	1 214	256	(NA)	182	1 164	169	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	234	8 381	249	11 102	174	7 850	158	9 494
Cows and heifers that had calved	206	4 026	223	5 261	156	3 787	151	4 576
Beef cows	124	1 616	146	2 848	79	1 385	87	2 271
Milk cows	104	2 410	114	2 413	99	2 402	91	2 305
Heifers and heifer calves	201	3 028	(NA)	(NA)	154	2 876	136	3 110
Steers, steer calves, bulls and bull calves	184	1 327	(NA)	(NA)	139	1 187	130	1 808
Sales:								
Cattle and calves	216	3 864	237	3 540	175	3 685	164	3 166
$1,000	(X)	1 092	(X)	(NA)	(X)	1 047	(X)	570
Calves	145	1 646	(NA)	(NA)	123	1 569	112	1 375
$1,000	(X)	278	(X)	(NA)	(X)	263	(X)	141
Cattle	190	2 218	(NA)	(NA)	154	2 116	146	1 791
$1,000	(X)	813	(X)	(NA)	(X)	784	(X)	429
Fattened cattle	34	207	(NA)	(NA)	27	183	30	205
$1,000	(X)	75	(X)	(NA)	(X)	68	(X)	60
Dairy products ... $1,000	86	2 543	(NA)	(NA)	86	2 543	77	1 553
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	32	670	39	236	21	642	17	146
Used or to be used for breeding	14	107	(NA)	(NA)	10	96	6	31
Other hogs and pigs	30	563	(NA)	(NA)	21	546	16	115
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	15	170	12	36	11	161	6	26
Dec. 1 of preceding year and May 31	13	86	9	21	10	81	5	(D)
June 1 and Nov. 30	12	84	6	15	9	80	4	(D)
Sheep and lambs	23	1 288	33	1 584	18	1 067	17	1 217
Ewes 1 year old or older	22	880	(NA)	(NA)	17	731	17	908
Goats	3	24	(NA)	(NA)	1	(D)	–	–
Horses and ponies	103	432	73	520	62	247	37	397
Sales:								
Hogs and pigs	17	809	20	246	13	765	9	193
$1,000	(X)	67	(X)	(NA)	(X)	66	(X)	(D)
Feeder pigs	7	240	8	188	6	(D)	4	168
$1,000	(X)	7	(X)	(NA)	(X)	(D)	(X)	3
Sheep and lambs	21	810	34	1 293	16	746	18	951
Sheep and lambs shorn	22	1 113	(NA)	(NA)	17	945	18	993
Pounds of wool	(X)	9 781	(X)	(NA)	(X)	8 334	(X)	7 705
Sheep, lambs, and wool ... $1,000	22	55	(NA)	(NA)	17	51	18	27
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	13	36	13	35	10	33	10	27
$1,000	(X)	27	(X)	(NA)	(X)	(D)	(X)	12
POULTRY								
Inventory:								
Any poultry	50	(X)	62	(X)	27	(X)	30	(X)
Chickens 3 months old or older	45	(D)	61	14 812	26	(D)	30	13 880
Hens and pullets of laying age	45	(D)	59	14 397	26	(D)	28	13 575
Pullets 3 months old or older	2	(D)	(NA)	(NA)	–	–	4	274
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	8	117	3	67	2	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	2	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	11	(X)	(NA)	(X)	6	(X)	2	(X)
Sales:								
Any poultry	12	(X)	9	(X)	9	(X)	7	(X)
Chickens 3 months old or older	7	(D)	9	(D)	5	(D)	7	(D)
Hens and pullets of laying age	7	(D)	9	(D)	5	(D)	7	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	3	145	–	–	3	145	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products ... $1,000	22	(D)	26	137	15	(D)	16	135

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	13	484	(X)	–	–	13	484	(X)	–	–
	1974	3	90	(X)	(NA)	(NA)	3	90	(X)	–	–
For grain or seed (bushels)	1978	5	255	16 420	–	–	5	255	16 420	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	8	229	1 954	–	–	8	229	1 954	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	419	–	–
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)	(X)	–	–
	1974	3	105	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	27	573	12 770	–	–	19	523	12 135	–	–
	1974	50	561	14 147	(NA)	(NA)	37	498	12 970	–	–
Oats for grain (bushels)	1978	217	6 898	265 834	–	–	164	6 175	241 442	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	141	4 654	161 344	–	–
Barley for grain (bushels)	1978	12	212	7 225	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	147	4 105	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	112	(X)	–	–
Soybeans for beans (bushels)	1978	4	68	1 940	–	–	4	68	1 940	–	–
	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)	(D)	–	–
	1974	8	5	418	(NA)	(NA)	3	1	138	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	340	38 107	54 005	–	–	236	34 294	49 541	–	–
	1974	266	27 911	39 132	(NA)	(NA)	176	24 014	34 449	–	–
Alfalfa hay (tons, dry)	1978	74	5 163	6 715	–	–	51	4 472	5 858	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	1 463	1 929	–	–
Other tame dry hay (tons, dry) (see text)	1978	276	26 341	38 958	–	–	193	23 566	35 616	–	–
Field seed crops	1978	33	1 155	(X)	–	–	28	1 125	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	30	759	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	6	59	2 275	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	228	7 430	–	–
All vegetables harvested for sale (see text)	1978	5	11	(X)	–	–	3	(D)	(X)	–	–
	1974	7	10	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sweet corn	1978	5	7	(X)	–	–	3	(D)	(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	5	19	(X)	1	(D)	–	–	(X)	–	–
	1974	4	24	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	4	14	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	3	12	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	313	71 709	346	75 730	215	62 232	210	62 823
Average size of farm	(X)	229	(X)	219	(X)	289	(X)	299
Approximate land area	(X)	365 440	(X)	365 440	(X)	365 440	(X)	365 440
Proportion in farms — percent	(X)	19.6	(X)	20.7	(X)	17.0	(X)	17.2
Value of land and buildings:[1]								
Average per farm — dollars	104 188	(X)	66 870	(X)	150 438	(X)	89 771	(X)
Average per acre — dollars	(X)	511	(X)	306	(X)	517	(X)	300
Land in farms according to use:								
Total cropland	301	43 952	341	45 189	208	38 645	205	38 798
Harvested cropland	284	26 950	321	25 778	199	24 629	196	23 025
By acres harvested:								
1 to 9 acres	19	82	34	(NA)	6	31	6	(NA)
10 to 19 acres	30	396	38	(NA)	7	90	5	(NA)
20 to 29 acres	28	648	29	(NA)	13	305	10	(NA)
30 to 49 acres	61	2 343	71	(NA)	39	1 506	30	(NA)
50 to 99 acres	67	4 682	73	(NA)	56	4 008	69	(NA)
100 to 199 acres	50	(D)	48	(NA)	49	(D)	48	(NA)
200 to 499 acres	23	7 723	23	(NA)	23	7 723	23	(NA)
500 to 999 acres	4	2 355	5	(NA)	4	2 355	5	(NA)
1,000 acres or more	2	(D)	–	(NA)	2	(D)	–	(NA)
Cropland used only for pasture	161	11 593	195	14 828	114	10 068	133	12 499
Other cropland	137	5 409	116	4 583	94	3 948	74	3 274
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	35	1 172	(NA)	(NA)	26	1 046	16	666
Cropland on which all crops failed	24	575	(NA)	(NA)	16	442	19	615
Cropland in cultivated summer fallow	41	591	(NA)	(NA)	32	475	23	648
Cropland idle	92	3 071	(NA)	(NA)	65	1 985	35	1 345
Total woodland	205	16 563	229	19 456	144	13 459	145	15 096
Woodland pastured	93	6 062	(NA)	(NA)	72	5 187	83	8 712
Woodland not pastured	151	10 501	(NA)	(NA)	102	8 272	88	6 384
Other land	226	11 194	256	11 085	154	10 128	151	8 929
Pastureland and rangeland, other than cropland and woodland pastured	71	6 604	(NA)	(NA)	56	6 231	64	6 583
Land in house lots, ponds, roads, wasteland, etc	215	4 590	(NA)	(NA)	147	3 897	135	2 346
Pastureland, all types	213	24 259	(NA)	(NA)	155	21 486	(NA)	27 794
Irrigated land	4	14	3	4	2	(D)	2	(D)
Harvested cropland irrigated	4	14	(NA)	(NA)	2	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	68	1 109	(X)	(X)	58	1 064	(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]	313	7 393	346	4 817	215	7 289	210	4 692
Average per farm — dollars	(X)	23 619	(X)	13 922	(X)	33 904	(X)	22 343
Farms by value of agricultural products sold:[1]								
$100,000 or more	15	3 083	6	(NA)	15	3 083	6	(NA)
$40,000 to $99,999	39	2 449	28	(NA)	39	2 449	28	(NA)
$20,000 to $39,999	30	830	28	(NA)	30	830	28	(NA)
$10,000 to $19,999	29	399	36	(NA)	29	399	36	(NA)
$5,000 to $9,999	47	330	60	(NA)	47	330	60	(NA)
$2,500 to $4,999	55	200	50	(NA)	55	200	50	(NA)
Less than $2,500 (see text)	98	103	138	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	17	37	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	17	20	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	48	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	179	1 038	241	1 036	134	993	(NA)	964
Grains	91	423	(NA)	(NA)	78	408	120	321
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	111	480	(NA)	(NA)	85	458	100	(D)
Vegetables, sweet corn, and melons	6	9	(NA)	(NA)	3	(D)	2	(D)
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	2	(D)	–	–
Nursery and greenhouse products	8	121	7	124	4	117	5	(D)
Other crops	1	(D)	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	233	6 355	256	3 762	183	6 296	185	3 711
Poultry and poultry products	18	8	20	11	12	(D)	10	10
Dairy products	60	3 010	(NA)	(NA)	59	(D)	71	2 135
Cattle and calves	180	2 196	(NA)	(NA)	148	2 164	173	1 274
Hogs and pigs	52	684	(NA)	(NA)	42	676	40	206
Sheep, lambs, and wool	20	77	(NA)	(NA)	12	71	23	67
Other livestock and livestock products (see text)	25	380	(NA)	(NA)	16	373	6	19

[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	313	346	71 709	284	68 341	26 950	4	106	16	14
Farms with—										
1 to 9 acres	12	4	28	3	11	7	1	(D)	(D)	(D)
10 to 49 acres	34	51	1 140	28	983	332	3	(D)	(D)	(D)
50 to 69 acres	10	16	583	9	533	243	–	–	–	–
70 to 99 acres	50	48	4 050	43	3 505	1 442	–	–	–	–
100 to 139 acres	43	45	4 868	42	4 758	1 974	–	–	–	–
140 to 179 acres	32	44	5 049	32	5 049	2 027	–	–	–	–
180 to 219 acres	24	26	4 721	22	4 321	1 455	–	–	–	–
220 to 259 acres	29	30	6 795	29	6 795	2 288	–	–	–	–
260 to 499 acres	50	50	18 337	48	17 588	7 261	–	–	–	–
500 to 999 acres	21	26	13 737	21	13 737	6 512	–	–	–	–
1,000 to 1,999 acres	7	5	(D)	6	(D)	(D)	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	313	71 709	346	75 730	215	62 232	210	62 823
Harvested cropland	284	26 950	321	25 778	199	24 629	196	23 025
Tenure of operator:								
Full owners	200	35 852	231	41 599	114	27 476	113	30 379
Harvested cropland	179	10 412	(NA)	11 029	104	8 512	(NA)	8 747
Part owners	92	32 402	103	30 904	86	31 756	89	29 587
Harvested cropland	87	14 977	(NA)	13 923	81	14 684	(NA)	13 515
Tenants	21	3 455	12	3 227	15	3 000	8	2 857
Harvested cropland	18	1 561	(NA)	826	14	1 433	(NA)	763
Type of organization:								
Individual or family	275	54 536	(NA)	(NA)	183	45 382	195	50 300
Partnership	30	(D)	(NA)	(NA)	24	(D)	11	5 850
Corporation	7	8 864	(NA)	(NA)	7	8 864	4	6 673
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	146	178	128	143
Other	167	164	87	63
Operators by age group:				
Under 25 years	5	8	4	8
25 to 34 years	41	56	30	26
35 to 44 years	74	71	55	49
45 to 54 years	70	56	51	29
55 to 64 years	72	94	45	64
65 years and over	51	57	30	30
Average age	49.7	50.0	48.3	50.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	244	265	169	168
Not on farm operated	33	28	23	12
Not reported	36	49	23	26
Operators reporting days of work off farm:				
None	105	103	82	74
1 to 49 days	18	9	14	6
50 to 99 days	8	10	6	8
100 to 149 days	15	20	10	16
150 to 199 days	24	18	13	8
200 days or more	126	134	76	60

[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	136	898	180	781	96	884	100	757
Feed for livestock and poultry	219	1 038	257	723	148	992	162	687
Commercially mixed formula feeds	89	314	180	474	79	306	123	460
Animal health costs	191	60	(NA)	(NA)	130	54	116	49
Seeds, bulbs, plants, and trees	165	162	246	164	126	158	155	155
Commercial fertilizer	186	372	203	256	144	350	142	246
Other agricultural chemicals including lime	120	108	116	50	92	104	97	49
Hired farm labor	109	414	80	276	69	405	70	274
Contract labor	6	9	3	2	6	9	2	(D)
Customwork, machine hire, and rental of machinery and equipment	84	56	115	53	68	53	87	48
Energy and petroleum products	315	489	(NA)	(NA)	178	441	(NA)	(NA)
Petroleum products	315	349	333	265	178	315	203	242
Gasoline	309	176	(NA)	(NA)	172	151	198	171
Diesel fuel	133	111	(NA)	(NA)	103	107	70	47
LP gas, butane, and propane	18	19	(NA)	(NA)	18	19	9	3
Fuel oil	11	(D)	(NA)	(NA)	11	(D)		
Natural gas	1	(D)	(NA)	(NA)	1	(D)	201	20
Kerosene, motor oil, and grease	315	29	(NA)	(NA)	178	24		
Electricity	219	134	(NA)	(NA)	140	124	(NA)	(NA)
Other—coal, wood, coke, etc.	15	5	(NA)	(NA)	6	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		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	181	13 480	139	12 569	142	10 198
Cropland fertilized, except pasture	174	12 830	132	11 919	(NA)	10 073
Pasture and rangeland fertilized	9	650	9	650	(NA)	125
Lime	23	254	18	249	9	184
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	43	3 692	43	3 692	(NA)	1 875
Nematodes in crops	2	(D)	2	(D)	1	(D)
Diseases in crops and orchards	6	117	1	(D)	3	155
Weeds, grass, or brush in crops and pasture	89	6 883	66	6 412	(NA)	4 133
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	50	5	50	–	–
Insect control on livestock and poultry	75	(X)	56	(X)	23	(X)
Sanitation and rodent and bird control	47	(X)	37	(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	315	332	178	202
$1,000	7 203	5 516	5 885	4 437
Average per farm—dollars	22 868	16 614	33 063	21 965
Farms by value group:				
$1 to $4,999	44	70	16	24
$5,000 to $9,999	98	95	16	47
$10,000 to $19,999	73	80	60	59

	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	39	42	39	29
$30,000 to $49,999	35	25	21	23
$50,000 to $69,999	2	12	2	12
$70,000 to $99,999	6		6	
$100,000 to $199,999	17	8	17	8
$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	216	263	107	127	126	136	258	325	183
Motortrucks including pickups	227	288	125	140	121	148	255	318	158
Wheel tractors	275	624	61	84	260	540	302	664	83
Grain and bean combines, self-propelled only	51	51	9	9	42	42	25	26	4
Corn heads for combines	21	21	4	4	17	17	18	18	3
Other cornpickers and picker-shellers	85	87	1	(D)	84	(D)	73	73	6
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	132	146	18	18	115	128	85	86	26
Pickup balers	187	189	20	20	169	169	181	184	24
Field forage harvesters, shear bar or flywheel type	72	74	23	25	49	49	81	91	27

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	109	20	(X)	101	(X)	69	70
Workers	288	(X)	50	(X)	238	228	257
Farms with—							
1 worker	43	6	6	41	41	18	21
2 workers	22	7	14	26	52	12	10
3 or 4 workers	27	5	(D)	22	70	22	23
5 to 9 workers	14	2	(D)	11	(D)	14	13
10 workers or more	3	–	–	1	(D)	3	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	261	(X)	270	(X)	190	(X)	183	(X)
Any cattle, hogs, or sheep	227	(X)	259	(X)	172	(X)	180	(X)
Sales:								
Any livestock or poultry and their products $1,000	233	6 355	256	3 762	183	6 296	185	3 711
Any cattle, hogs, or sheep $1,000	217	2 957	241	(NA)	175	2 911	181	1 547
CATTLE AND CALVES								
Inventory:								
Cattle and calves	194	11 112	236	13 691	149	10 623	173	12 807
Cows and heifers that had calved	157	4 778	188	5 076	121	4 528	145	4 726
Beef cows	102	2 134	116	2 260	67	1 891	83	1 985
Milk cows	70	2 644	95	2 816	65	2 637	77	2 741
Heifers and heifer calves	145	3 096	(NA)	(NA)	114	2 965	139	3 207
Steers, steer calves, bulls and bull calves	167	3 238	(NA)	(NA)	132	3 130	156	4 874
Sales:								
Cattle and calves	180	5 525	213	4 723	148	5 399	173	4 528
$1,000	(X)	2 196	(X)	(NA)	(X)	2 164	(X)	1 274
Calves	99	1 448	(NA)	(NA)	80	1 387	82	874
$1,000	(X)	243	(X)	(NA)	(X)	234	(X)	83
Cattle	157	4 077	(NA)	(NA)	132	4 012	147	3 654
$1,000	(X)	1 953	(X)	(NA)	(X)	1 930	(X)	1 191
Fattened cattle	46	1 095	(NA)	(NA)	43	1 087	42	1 176
$1,000	(X)	602	(X)	(NA)	(X)	598	(X)	458
Dairy products $1,000	60	3 010	(NA)	(NA)	59	(D)	71	2 135
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	65	7 106	64	2 929	49	6 893	40	2 574
Used or to be used for breeding	49	1 963	(NA)	(NA)	38	1 846	27	686
Other hogs and pigs	59	5 143	(NA)	(NA)	45	5 047	38	1 888
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	49	1 492	49	815	38	1 461	36	737
Dec. 1 of preceding year and May 31	37	546	30	219	30	532	23	182
June 1 and Nov. 30	42	946	37	596	33	929	26	555
Sheep and lambs	19	1 591	48	2 896	11	1 371	25	2 426
Ewes 1 year old or older	19	1 173	(NA)	(NA)	11	1 016	22	1 120
Goats	5	18	(NA)	(NA)	3	(D)	–	–
Horses and ponies	67	260	75	214	36	122	34	126
Sales:								
Hogs and pigs	52	8 301	53	3 375	42	8 170	40	3 147
$1,000	(X)	684	(X)	(NA)	(X)	676	(X)	206
Feeder pigs	25	3 611	23	1 242	20	3 518	17	1 114
$1,000	(X)	166	(X)	(NA)	(X)	163	(X)	26
Sheep and lambs	19	1 243	39	2 113	12	1 137	23	1 897
Sheep and lambs shorn	20	1 656	(NA)	(NA)	12	1 488	23	2 095
Pounds of wool	(X)	12 428	(X)	(NA)	(X)	11 213	(X)	16 134
Sheep, lambs, and wool $1,000	20	77	(NA)	(NA)	12	71	23	67
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	15	41	8	16	8	24	4	6
$1,000	(X)	14	(X)	(NA)	(X)	8	(X)	7
POULTRY								
Inventory:								
Any poultry	43	(X)	70	(X)	25	(X)	34	(X)
Chickens 3 months old or older	39	1 555	69	2 681	22	778	33	1 546
Hens and pullets of laying age	38	1 453	65	2 237	22	(D)	31	(D)
Pullets 3 months old or older	6	102	(NA)	(NA)	4	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	6	681	6	808	3	670	2	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	10	(X)	(NA)	(X)	6	(X)	2	(X)
Sales:								
Any poultry	12	(X)	8	(X)	7	(X)	5	(X)
Chickens 3 months old or older	9	238	7	255	5	157	4	195
Hens and pullets of laying age	8	(D)	7	251	4	(D)	4	191
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	3	(X)	(NA)	(X)	2	(X)	1	(X)
Poultry and poultry products $1,000	18	8	20	11	12	(D)	10	10

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	9 411	(X)	–	–	140	9 103	(X)	–	–
	1974	193	8 168	(X)	(NA)	(NA)	152	7 748	(X)	–	–
For grain or seed (bushels)	1978	136	6 098	421 955	–	–	116	5 888	408 782	–	–
	1974	139	4 098	231 919	(NA)	(NA)	109	3 878	222 017	–	–
For silage or green chop (tons, green)	1978	78	(D)	30 696	–	–	72	3 215	30 319	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	99	3 597	31 769	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	273	(X)	–	–
Sorghums for all purposes	1978	8	80	(X)	–	–	8	80	(X)	–	–
	1974	3	65	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	8	80	841	–	–	8	80	841	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(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	48	797	29 821	–	–	41	752	27 768	–	–
	1974	104	1 688	62 617	(NA)	(NA)	84	1 529	58 337	–	–
Oats for grain (bushels)	1978	90	1 719	89 590	–	–	77	1 592	85 519	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	89	1 405	63 896	–	–
Barley for grain (bushels)	1978	4	32	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	145	3 863	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	89	(X)	–	–
Soybeans for beans (bushels)	1978	4	73	(D)	–	–	3	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(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	2	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	252	15 747	30 016	–	–	182	13 891	27 530	–	–
	1974	265	14 044	27 102	(NA)	(NA)	178	12 158	24 428	–	–
Alfalfa hay (tons, dry)	1978	222	11 548	23 823	–	–	161	10 047	21 567	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	142	7 032	16 604	–	–
Other tame dry hay (tons, dry) (see text)	1978	32	1 165	1 782	–	–	25	980	1 595	–	–
Field seed crops	1978	7	56	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	17	342	(X)	–	–
Alfalfa seed (pounds)	1978	4	26	1 650	–	–	4	26	1 650	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Red clover seed (pounds)	1978	4	30	2 002	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	316	40 507	–	–
All vegetables harvested for sale (see text)	1978	6	16	(X)	–	–	3	10	(X)	–	–
	1974	8	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	6	11	(X)	–	–	3	8	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	3	2	(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	50	(X)	1	(D)	6	50	(X)	1	(D)
	1974	8	24	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	6	47	(D)	(NA)	(NA)	6	47	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	6	1	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	8	30	(X)	3	7	4	22	(X)	2	(D)
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	1 517	260 251	1 645	262 158	1 237	246 554	1 345	245 296
Average size of farm	(X)	172	(X)	159	(X)	199	(X)	182
Approximate land area	(X)	366 080	(X)	366 080	(X)	366 080	(X)	366 080
Proportion in farms ---- percent	(X)	71.1	(X)	71.6	(X)	67.3	(X)	67.0
Value of land and buildings:[1]								
Average per farm ---- dollars	151 654	(X)	85 211	(X)	171 077	(X)	96 187	(X)
Average per acre ---- dollars	(X)	911	(X)	535	(X)	882	(X)	527
Land in farms according to use:								
Total cropland	1 500	211 913	1 622	209 869	1 229	202 920	1 336	199 964
Harvested cropland	1 473	179 548	1 590	172 393	1 215	174 591	1 330	167 788
By acres harvested:								
1 to 9 acres	91	489	67	(NA)	22	104	11	(NA)
10 to 19 acres	117	1 684	142	(NA)	38	571	32	(NA)
20 to 29 acres	126	3 047	111	(NA)	63	1 538	58	(NA)
30 to 49 acres	203	7 826	265	(NA)	168	6 569	228	(NA)
50 to 99 acres	374	26 360	419	(NA)	362	25 667	415	(NA)
100 to 199 acres	303	41 492	367	(NA)	303	41 492	367	(NA)
200 to 499 acres	216	63 766	192	(NA)	216	63 766	192	(NA)
500 to 999 acres	35	23 795	23	(NA)	35	23 795	23	(NA)
1,000 acres or more	8	11 089	4	(NA)	8	11 089	4	(NA)
Cropland used only for pasture	424	9 743	646	17 033	323	8 275	517	14 117
Other cropland	799	22 622	678	20 443	681	20 054	561	18 059
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	261	5 422	(NA)	(NA)	229	4 896	151	3 037
Cropland on which all crops failed	85	1 187	(NA)	(NA)	66	1 027	37	559
Cropland in cultivated summer fallow	233	5 539	(NA)	(NA)	199	5 064	288	8 117
Cropland idle	470	10 474	(NA)	(NA)	403	9 067	239	6 346
Total woodland	862	22 492	1 004	23 499	736	20 512	851	21 056
Woodland pastured	155	3 499	(NA)	(NA)	131	3 243	188	4 666
Woodland not pastured	751	18 993	(NA)	(NA)	644	17 269	701	16 390
Other land	1 245	25 846	1 381	28 790	1 013	23 122	1 144	24 276
Pastureland and rangeland, other than cropland and woodland pastured	154	5 934	(NA)	(NA)	120	5 558	160	4 496
Land in house lots, ponds, roads, wasteland, etc	1 214	19 912	(NA)	(NA)	989	17 564	1 118	19 780
Pastureland, all types	596	19 176	(NA)	(NA)	468	17 076	(NA)	23 279
Irrigated land	35	2 126	16	433	31	2 109	12	404
Harvested cropland irrigated	34	1 995	(NA)	(NA)	30	1 978	12	404
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	5	131	(NA)	(NA)	5	131	–	–
Land set aside in the federal farm programs in 1978	447	7 549	(X)	(X)	417	7 393	(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]	1 517	43 744	1 645	35 889	1 237	43 386	1 345	35 497
Average per farm ---- dollars	(X)	28 836	(X)	21 817	(X)	35 074	(X)	26 392
Farms by value of agricultural products sold:[1]								
$100,000 or more	107	20 945	61	(NA)	107	20 945	61	(NA)
$40,000 to $99,999	181	10 987	179	(NA)	181	10 987	179	(NA)
$20,000 to $39,999	169	4 764	226	(NA)	169	4 764	226	(NA)
$10,000 to $19,999	269	3 846	302	(NA)	269	3 846	302	(NA)
$5,000 to $9,999	263	1 940	324	(NA)	263	1 940	324	(NA)
$2,500 to $4,999	248	904	234	(NA)	248	904	234	(NA)
Less than $2,500 (see text)	279	(D)	319	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	56	124	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	65	112	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	58	71	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	100	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 330	15 881	1 486	15 338	1 131	15 641	(NA)	15 078
Grains	1 225	13 252	(NA)	(NA)	1 074	13 067	1 216	12 815
Commodity Credit Corporation loans	152	492	(NA)	(NA)	141	486	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	333	1 074	(NA)	(NA)	288	1 031	381	905
Vegetables, sweet corn, and melons	28	356	(NA)	(NA)	20	352	21	249
Fruits, nuts, and berries	32	317	(NA)	(NA)	23	(D)	13	(D)
Nursery and greenhouse products	21	372	14	215	17	369	12	(D)
Other crops	12	510	(NA)	(NA)	11	(D)	21	726
Livestock, poultry, and their products	796	27 864	977	20 499	688	27 746	815	20 368
Poultry and poultry products	66	354	72	320	45	345	45	316
Dairy products	237	16 973	(NA)	(NA)	237	16 973	296	12 325
Cattle and calves	583	6 880	(NA)	(NA)	529	6 817	660	5 369
Hogs and pigs	215	3 205	(NA)	(NA)	200	3 194	248	2 055
Sheep, lambs, and wool	68	188	(NA)	(NA)	56	179	69	151
Other livestock and livestock products (see text)	67	263	(NA)	(NA)	38	237	24	153

[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	1 517	1 645	260 251	1 473	258 719	179 548	35	9 840	6 933	2 126
Farms with—										
1 to 9 acres	36	31	156	20	119	101	–	–	–	–
10 to 49 acres	292	267	9 155	270	8 571	5 408	11	344	194	38
50 to 69 acres	101	103	5 902	101	5 902	3 639	2	(D)	(D)	(D)
70 to 99 acres	249	313	20 303	247	20 145	12 190	5	407	297	136
100 to 139 acres	203	258	23 580	202	23 472	14 825	2	(D)	(D)	(D)
140 to 179 acres	166	188	26 073	164	25 793	16 334	2	(D)	(D)	(D)
180 to 219 acres	114	117	22 370	114	22 370	15 304	1	(D)	(D)	(D)
220 to 259 acres	70	108	16 433	70	16 433	11 062	1	(D)	(D)	(D)
260 to 499 acres	201	198	70 952	200	70 587	50 416	3	1 270	716	331
500 to 999 acres	71	54	46 501	71	46 501	34 382	5	3 082	2 084	445
1,000 to 1,999 acres	13	7	(D)	13	(D)	(D)	3	3 656	3 151	827
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 517	260 251	1 645	262 158	1 237	246 554	1 345	245 296
Harvested cropland	1 473	179 548	1 590	172 393	1 215	174 591	1 330	167 788
Tenure of operator:								
Full owners	990	117 216	1 151	137 108	755	106 374	884	121 573
Harvested cropland	948	72 237	(NA)	83 326	734	68 229	(NA)	79 265
Part owners	416	125 737	410	111 380	389	123 867	387	110 279
Harvested cropland	415	94 578	(NA)	79 879	389	93 966	(NA)	79 471
Tenants	111	17 298	84	13 670	93	16 313	74	13 444
Harvested cropland	110	12 733	(NA)	9 188	92	12 396	(NA)	9 052
Type of organization:								
Individual or family	1 359	206 547	(NA)	(NA)	1 100	194 272	1 226	206 012
Partnership	140	46 678	(NA)	(NA)	123	(D)	115	37 951
Corporation	12	6 460	(NA)	(NA)	12	6 460	4	1 333
Other—cooperative, estate or trust, institutional, etc.	6	566	(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	693	853	641	778
Other	824	788	596	563
Operators by age group:				
Under 25 years	59	33	50	31
25 to 34 years	214	206	165	156
35 to 44 years	323	350	252	278
45 to 54 years	392	419	325	342
55 to 64 years	318	425	273	368
65 years and over	211	208	172	166
Average age	48.4	49.6	48.6	49.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 239	1 309	1 016	1 060
Not on farm operated	158	147	125	120
Not reported	120	185	96	161
Operators reporting days of work off farm:				
None	525	472	475	430
1 to 49 days	76	57	66	46
50 to 99 days	23	38	21	35
100 to 149 days	32	22	24	19
150 to 199 days	60	58	47	43
200 days or more	742	739	552	536

[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	548	2 759	552	2 268	439	2 720	429	2 193
Feed for livestock and poultry	764	4 589	924	4 350	637	4 343	730	4 270
Commercially mixed formula feeds	417	2 656	628	2 394	352	2 498	543	2 366
Animal health costs	629	449	(NA)	(NA)	548	413	553	263
Seeds, bulbs, plants, and trees	1 159	1 667	1 319	1 226	1 035	1 635	1 146	1 205
Commercial fertilizer	1 269	4 311	1 395	3 417	1 110	4 247	1 228	3 371
Other agricultural chemicals including lime	1 190	1 556	962	817	1 063	1 536	895	810
Hired farm labor	424	1 514	450	1 201	396	1 510	402	1 191
Contract labor	55	206	28	33	55	206	28	33
Customwork, machine hire, and rental of machinery and equipment	763	518	841	605	622	492	742	587
Energy and petroleum products	1 509	2 881	(NA)	(NA)	1 229	2 772	(NA)	(NA)
Petroleum products	1 509	2 138	1 601	1 634	1 229	2 056	1 315	1 568
Gasoline	1 389	958	(NA)	(NA)	1 130	898	1 287	1 023
Diesel fuel	810	739	(NA)	(NA)	739	727	573	344
LP gas, butane, and propane	152	175	(NA)	(NA)	140	174	148	74
Fuel oil	111	86	(NA)	(NA)	111	86		
Natural gas	18	9	(NA)	(NA)	18	9	1 312	127
Kerosene, motor oil, and grease	1 509	172	(NA)	(NA)	1 229	162		
Electricity	1 038	734	(NA)	(NA)	890	708	(NA)	(NA)
Other—coal, wood, coke, etc.	48	9	(NA)	(NA)	33	8	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	1 246	153 977	1 087	151 185	1 228	128 293
Cropland fertilized, except pasture	1 246	153 189	1 087	150 397	(NA)	127 386
Pasture and rangeland fertilized	42	788	42	788	(NA)	907
Lime	162	5 215	143	4 948	111	4 812
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	454	32 575	421	32 202	(NA)	18 322
Nematodes in crops	63	7 291	62	(D)	7	457
Diseases in crops and orchards	87	7 174	72	7 062	33	1 684
Weeds, grass, or brush in crops and pasture	898	95 484	817	94 090	(NA)	70 283
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	25	1 280	15	1 215	8	399
Insect control on livestock and poultry	355	(X)	321	(X)	83	(X)
Sanitation and rodent and bird control	174	(X)	161	(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	1 517	1 581	1 237	1 293
$1,000	52 116	33 705	49 233	31 503
Average per farm—dollars	34 355	21 319	39 800	24 364
Farms by value group:				
$1 to $4,999	176	225	112	117
$5,000 to $9,999	259	319	133	205
$10,000 to $19,999	361	389	319	340

	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	191	260	164	249
$30,000 to $49,999	198	230	177	225
$50,000 to $69,999	102	102	102	101
$70,000 to $99,999	111	56	111	56
$100,000 to $199,999	92		92	
$200,000 or more	27		27	

	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	1 160	1 566	700	811	579	755	1 387	1 824	1 139
Motortrucks including pickups	1 296	1 584	658	695	780	889	1 326	1 725	769
Wheel tractors	1 408	3 492	423	583	1 317	2 909	1 510	3 666	631
Grain and bean combines, self-propelled only	553	577	88	88	465	489	418	430	96
Corn heads for combines	320	324	74	74	246	250	228	234	79
Other cornpickers and picker-shellers	507	517	28	28	480	489	632	655	90
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	526	545	168	172	365	373	462	474	112
Pickup balers	626	631	113	114	515	517	587	591	98
Field forage harvesters, shear bar or flywheel type	323	359	69	73	258	286	330	375	97

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	424	113	(X)	365	(X)	396	402
Workers	1 181	(X)	233	(X)	948	1 129	1 909
Farms with—							
1 worker	153	55	55	124	124	139	176
2 workers	113	30	60	126	252	109	64
3 or 4 workers	78	16	53	61	201	68	62
5 to 9 workers	76	12	65	52	(D)	76	59
10 workers or more	4	–	–	2	(D)	4	41

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		893	(X)	1 051	(X)	732	(X)	856	(X)
Any cattle, hogs, or sheep		763	(X)	966	(X)	651	(X)	806	(X)
Sales:									
Any livestock or poultry and their products	$1,000	796	27 864	977	20 499	688	27 746	815	20 368
Any cattle, hogs, or sheep	$1,000	720	10 274	908	(NA)	644	10 190	782	7 575
CATTLE AND CALVES									
Inventory:									
Cattle and calves		644	36 574	846	42 644	552	35 845	702	41 042
Cows and heifers that had calved		421	15 129	566	17 389	371	14 891	469	16 622
Beef cows		170	1 811	263	3 240	124	1 587	176	2 524
Milk cows		262	13 318	334	14 149	257	13 304	315	14 098
Heifers and heifer calves		430	11 668	(NA)	(NA)	379	11 487	417	11 549
Steers, steer calves, bulls and bull calves		551	9 777	(NA)	(NA)	472	9 467	591	12 871
Sales:									
Cattle and calves		583	17 651	757	18 273	529	17 461	660	17 730
	$1,000	(X)	6 880	(X)	(NA)	(X)	6 817	(X)	5 369
Calves		258	4 994	(NA)	(NA)	243	4 949	282	4 286
	$1,000	(X)	510	(X)	(NA)	(X)	504	(X)	286
Cattle		530	12 657	(NA)	(NA)	481	12 512	601	13 444
	$1,000	(X)	6 370	(X)	(NA)	(X)	6 313	(X)	5 083
Fattened cattle		283	6 572	(NA)	(NA)	247	6 476	250	7 101
	$1,000	(X)	3 359	(X)	(NA)	(X)	3 321	(X)	2 770
Dairy products	$1,000	237	16 973	(NA)	(NA)	237	16 973	296	12 325
HOGS, SHEEP, GOATS, AND HORSES									
Inventory:									
Hogs and pigs		225	23 997	268	20 722	200	23 653	233	20 460
Used or to be used for breeding		173	3 175	(NA)	(NA)	160	3 110	181	2 971
Other hogs and pigs		202	20 822	(NA)	(NA)	181	20 543	219	17 489
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30		180	4 453	218	4 066	164	4 398	198	4 026
Dec. 1 of preceding year and May 31		134	2 180	164	2 100	125	2 154	162	(D)
June 1 and Nov. 30		147	2 273	167	1 966	137	2 244	147	(D)
Sheep and lambs		69	4 096	94	6 258	56	3 825	71	5 337
Ewes 1 year old or older		65	2 424	(NA)	(NA)	53	2 230	69	3 164
Goats		6	24	(NA)	(NA)	4	(D)	1	(D)
Horses and ponies		185	1 055	170	791	117	519	112	568
Sales:									
Hogs and pigs		215	31 925	269	31 550	200	31 772	248	31 309
	$1,000	(X)	3 205	(X)	(NA)	(X)	3 194	(X)	2 055
Feeder pigs		38	2 785	44	4 652	35	2 742	38	4 523
	$1,000	(X)	116	(X)	(NA)	(X)	114	(X)	99
Sheep and lambs		66	3 128	88	4 753	54	2 957	68	3 930
Sheep and lambs shorn		66	3 627	(NA)	(NA)	54	3 415	67	3 678
Pounds of wool		(X)	29 936	(X)	(NA)	(X)	28 214	(X)	32 711
Sheep, lambs, and wool	$1,000	68	188	(NA)	(NA)	56	179	69	151
Goats		2	(D)	(NA)	(NA)	1	(D)	–	–
	$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies		46	151	25	133	24	64	13	116
	$1,000	(X)	121	(X)	(NA)	(X)	98	(X)	52
POULTRY									
Inventory:									
Any poultry		150	(X)	200	(X)	108	(X)	136	(X)
Chickens 3 months old or older		122	39 494	183	52 633	95	38 293	124	49 407
Hens and pullets of laying age		120	39 188	173	47 573	94	38 010	119	45 272
Pullets 3 months old or older		8	306	(NA)	(NA)	4	283	9	3 899
Pullet chicks and pullets under 3 months old		3	(D)	(NA)	(NA)	2	(D)	5	210
Broilers and other meat-type chickens		35	2 188	27	1 720	22	1 562	16	1 063
Turkeys		8	58	(NA)	(NA)	6	(D)	5	15
Turkeys for slaughter		6	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkey hens kept for breeding		2	(D)	(NA)	(NA)	2	(D)	3	(D)
Other poultry		35	(X)	(NA)	(X)	19	(X)	21	(X)
Sales:									
Any poultry		49	(X)	44	(X)	34	(X)	30	(X)
Chickens 3 months old or older		25	34 430	30	45 139	22	34 237	24	44 978
Hens and pullets of laying age		25	34 430	29	41 835	22	34 237	24	(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		16	1 523	12	772	8	908	4	237
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		8	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products	$1,000	66	354	72	320	45	345	45	316

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	1 040	69 883	(X)	10	614	942	68 888	(X)	10	614
	1974	1 188	66 464	(X)	(NA)	(NA)	1 065	65 283	(X)	1	(D)
For grain or seed (bushels)	1978	1 009	54 775	4 231 907	10	586	913	(D)	4 180 812	10	586
	1974	1 150	49 994	3 456 654	(NA)	(NA)	1 037	48 960	3 409 111	–	–
For silage or green chop (tons, green)	1978	307	15 108	182 235	3	28	305	(D)	(D)	3	28
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	369	16 065	198 160	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	258	(X)	–	–
Sorghums for all purposes	1978	16	294	(X)	–	–	15	(D)	(X)	–	–
	1974	10	112	(X)	(NA)	(NA)	10	112	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	14	(D)	1 430	–	–	13	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	(D)	1 310	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	645	15 130	630 062	–	–	609	14 702	617 219	–	–
	1974	1 152	29 910	1 179 730	(NA)	(NA)	1 036	28 778	1 141 616	–	–
Oats for grain (bushels)	1978	590	10 541	645 549	1	(D)	532	10 052	620 937	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	489	7 704	454 628	1	(D)
Barley for grain (bushels)	1978	10	294	17 306	1	(D)	10	294	17 306	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	127	4 778	–	–
Rye for grain (bushels)	1978	21	212	6 850	–	–	18	194	6 500	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	178	4 616	–	–
Other small grains for grain	1978	6	123	(X)	–	–	5	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	232	(X)	–	–
Soybeans for beans (bushels)	1978	820	43 224	1 036 815	5	137	749	42 283	1 021 870	5	137
	1974	745	26 957	690 991	(NA)	(NA)	712	26 667	685 328	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	8	(D)	(D)	2	(D)	7	(D)	(D)	1	(D)
	1974	12	167	39 742	(NA)	(NA)	10	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(Z)	(D)	(NA)	(NA)	2	(D)	–	–	–
Hay crops (tons, dry) (see text)	1978	850	35 530	90 847	5	313	717	33 551	87 402	5	313
	1974	924	31 806	78 441	(NA)	(NA)	796	30 148	75 212	1	(D)
Alfalfa hay (tons, dry)	1978	761	25 120	71 671	5	283	652	23 495	68 750	5	283
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	647	19 722	51 815	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	123	2 038	3 512	–	–	99	1 771	3 116	–	–
Field seed crops	1978	13	173	(X)	–	–	11	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	43	571	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	82	5 470	–	–
Red clover seed (pounds)	1978	10	155	13 464	–	–	10	155	13 464	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	477	50 988	–	–
All vegetables harvested for sale (see text)	1978	28	544	(X)	7	246	20	522	(X)	5	(D)
	1974	32	521	(X)	(NA)	(NA)	23	502	(X)	2	(D)
Sweet corn	1978	15	167	(X)	1	(D)	12	161	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	107	(X)	2	(D)
Tomatoes	1978	9	8	(X)	3	(D)	4	7	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	9	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	35	467	(X)	7	176	22	422	(X)	6	(D)
	1974	31	345	(X)	(NA)	(NA)	16	317	(X)	2	(D)
Apples (pounds)	1978	33	446	3 355 014	(NA)	(NA)	21	415	3 321 998	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	300	2 432 944	(NA)	(NA)
Peaches (pounds)	1978	5	(D)	2 500	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	14	6	8 688	(NA)	(NA)	9	2	3 528	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	18	22	(X)	11	19	13	19	(X)	8	17
	1974	11	5	(X)	(NA)	(NA)	8	4	(X)	–	–
Strawberries (pounds)	1978	15	17	47 867	10	16	11	16	44 933	7	15
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	3	11 870	–	–
Nursery and greenhouse products	1978	21	234	(X)	4	143	17	231	(X)	4	143
Other crops	1978	123	8 653	(X)	(NA)	(NA)	116	8 575	(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	16	2 090	8	1 520	7	842	5	741
Average size of farm	(X)	131	(X)	190	(X)	120	(X)	148
Approximate land area	(X)	359 040	(X)	359 040	(X)	359 040	(X)	359 040
Proportion in farms, percent	(X)	0.6	(X)	0.4	(X)	0.2	(X)	0.2
Value of land and buildings:[1]								
Average per farm, dollars	75 517	(X)	59 875	(X)	82 214	(X)	57 400	(X)
Average per acre, dollars	(X)	578	(X)	315	(X)	683	(X)	387
Land in farms according to use:								
Total cropland	16	1 037	7	852	7	385	4	499
Harvested cropland	14	315	6	178	7	109	4	(D)
By acres harvested:								
1 to 9 acres	6	18	2	(NA)	4	(D)	1	(NA)
10 to 19 acres	2	(D)	1	(NA)	1	(D)	1	(NA)
20 to 29 acres	2	(D)	1	(NA)	1	(D)	–	(NA)
30 to 49 acres	2	(D)	1	(NA)	–	–	1	(NA)
50 to 99 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
100 to 199 acres	1	(D)	–	(NA)	–	–	–	(NA)
200 to 499 acres	–	–	–	(NA)	–	–	–	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	7	352	4	529	3	130	2	(D)
Other cropland	9	370	3	145	3	146	2	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	3	80	(NA)	(NA)	1	(D)	1	(D)
Cropland on which all crops failed	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	1	(D)	–	–
Cropland idle	3	189	(NA)	(NA)	2	(D)	–	–
Total woodland	10	982	5	366	4	430	2	(D)
Woodland pastured	7	236	(NA)	(NA)	4	(D)	2	(D)
Woodland not pastured	8	746	(NA)	(NA)	2	(D)	–	–
Other land	11	71	7	302	5	27	4	(D)
Pastureland and rangeland, other than cropland and woodland pastured	–	–	(NA)	(NA)	–	–	1	(D)
Land in house lots, ponds, roads, wasteland, etc	11	71	(NA)	(NA)	5	27	4	(D)
Pastureland, all types	11	588	(NA)	(NA)	4	298	(NA)	483
Irrigated land	1	(D)	–	–	–	–	–	–
Harvested cropland irrigated	1	(D)	(NA)	(NA)	–	–	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
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]	16	65	8	54	7	52	5	50
Average per farm, dollars	(X)	4 075	(X)	6 750	(X)	7 493	(X)	10 000
Farms by value of agricultural products sold:[1]								
$100,000 or more	–	–	–	(NA)	–	–	–	(NA)
$40,000 to $99,999	–	–	–	(NA)	–	–	–	(NA)
$20,000 to $39,999	–	–	1	(NA)	–	–	1	(NA)
$10,000 to $19,999	2	(D)	–	(NA)	2	(D)	–	(NA)
$5,000 to $9,999	4	26	3	(NA)	4	26	3	(NA)
$2,500 to $4,999	1	(D)	1	(NA)	1	(D)	1	(NA)
Less than $2,500 (see text)	9	13	3	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	3	7	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	3	1	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	10	42	4	10	6	37	(NA)	10
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	4	9	(NA)	(NA)	1	(D)	2	(D)
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	4	30	1	(D)	3	(D)	1	(D)
Other crops	1	(D)	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	10	24	7	44	4	15	4	40
Poultry and poultry products	2	(D)	–	–	–	–	–	–
Dairy products	–	–	(NA)	(NA)	–	–	–	–
Cattle and calves	9	19	(NA)	(NA)	4	(D)	2	(D)
Hogs and pigs	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Sheep, lambs, and wool	1	(D)	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	4	1	(NA)	(NA)	–	–	1	(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	16	8	2 090	14	1 890	315	1	(D)	(D)	(D)
Farms with—										
1 to 9 acres	2	1	(D)	2	(D)	(D)	–	–	–	–
10 to 49 acres	3	1	90	2	(D)	(D)	–	–	–	–
50 to 69 acres	–	–	–	–	–	–	–	–	–	–
70 to 99 acres	3	–	249	3	249	58	–	–	–	–
100 to 139 acres	1	1	(D)	1	(D)	(D)	–	–	–	–
140 to 179 acres	2	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)
180 to 219 acres	1	2	(D)	1	(D)	(D)	–	–	–	–
220 to 259 acres	2	–	(D)	2	(D)	(D)	–	–	–	–
260 to 499 acres	2	1	(D)	2	(D)	(D)	–	–	–	–
500 to 999 acres	–	1	–	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	16	2 090	8	1 520	7	842	5	741
Harvested cropland	14	315	6	178	7	109	4	(D)
Tenure of operator:								
Full owners	13	1 340	5	490	6	(D)	3	(D)
Harvested cropland	11	169	(NA)	36	6	(D)	(NA)	(D)
Part owners	3	750	3	1 030	1	(D)	2	(D)
Harvested cropland	3	146	(NA)	142	1	(D)	(NA)	141
Tenants	–	–	–	–	–	–	–	–
Harvested cropland	–	–	(NA)	–	–	–	(NA)	–
Type of organization:								
Individual or family	15	(D)	(NA)	(NA)	6	(D)	5	741
Partnership	1	(D)	(NA)	(NA)	1	(D)	–	–
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	5	4	3	2
Other	11	4	4	3
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	1	–	–	–
35 to 44 years	3	2	–	2
45 to 54 years	5	3	2	2
55 to 64 years	3	1	2	–
65 years and over	4	2	3	1
Average age	53.1	53.8	61.3	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	15	5	7	4
Not on farm operated	1	1	–	1
Not reported	–	2	–	–
Operators reporting days of work off farm:				
None	5	1	3	–
1 to 49 days	1	1	1	1
50 to 99 days	2	1	1	1
100 to 149 days	1	–	1	–
150 to 199 days	–	–	–	–
200 days or more	6	4	1	3

[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	7	2	(D)	3	(D)	2	(D)
Feed for livestock and poultry	8	5	4	1	3	1	3	(D)
Commercially mixed formula feeds	4	1	4	1	1	(D)	3	(Z)
Animal health costs	4	(Z)	(NA)	(NA)	3	(D)	2	(Z)
Seeds, bulbs, plants, and trees	10	5	3	1	6	4	3	1
Commercial fertilizer	10	3	4	3	6	2	4	3
Other agricultural chemicals including lime	9	2	4	(Z)	6	1	4	(Z)
Hired farm labor	2	(D)	3	1	2	(D)	3	1
Contract labor	1	(D)	–	–	1	(D)	–	–
Customwork, machine hire, and rental of machinery and equipment	2	(D)	–	–	–	–	–	–
Energy and petroleum products	16	14	(NA)	(NA)	7	12	(NA)	(NA)
Petroleum products	16	12	8	3	7	10	5	3
Gasoline	13	3	(NA)	(NA)	5	1	5	2
Diesel fuel	4	4	(NA)	(NA)	1	(D)	2	(D)
LP gas, butane, and propane	1	(D)	(NA)	(NA)	1	(D)	–	–
Fuel oil	3	4	(NA)	(NA)	2	(D)	5	(Z)
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	16	(D)	(NA)	(NA)	7	(Z)		
Electricity	7	(D)	(NA)	(NA)	4	1	(NA)	(NA)
Other—coal, wood, coke, etc.	1	(D)	(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	10	131	6	88	4	101
Cropland fertilized, except pasture	10	(D)	6	(D)	(NA)	82
Pasture and rangeland fertilized	1	(D)	1	(D)	(NA)	19
Lime	2	(D)	1	(D)	1	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	5	110	3	6	(NA)	24
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	1	(D)	–	–	–	–
Weeds, grass, or brush in crops and pasture	1	(D)	1	(D)	(NA)	30
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	1	(X)	–	(X)	–	(X)
Sanitation and rodent and bird control	4	(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	16	8	7	5
$1,000	142	115	80	81
Average per farm—dollars	8 859	14 375	11 366	16 200
Farms by value group:				
$1 to $4,999	3	1	1	1
$5,000 to $9,999	9	2	3	–
$10,000 to $19,999	3	4	2	3

	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	–	–	–	–
$30,000 to $49,999	1	1	1	1
$50,000 to $69,999	–	–	–	–
$70,000 to $99,999	–		–	
$100,000 to $199,999	–	–	–	–
$200,000 or more	–		–	

	1978						1974		
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT									
Automobiles	9	9	7	(D)	2	(D)	5	5	3
Motortrucks including pickups	12	14	8	8	5	6	4	5	3
Wheel tractors	14	20	1	(D)	13	(D)	8	14	2
Grain and bean combines, self-propelled only	1	(D)	–	–	1	(D)	–	–	–
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	2	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	2	(D)	1	(D)	1	(D)	2	(D)	1
Pickup balers	8	8	2	(D)	6	(D)	5	5	–
Field forage harvesters, shear bar or flywheel type	1	(D)	–	–	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—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	2	1	(X)	1	(X)	2	3
Workers	(D)	(X)	(D)	(X)	(D)	(D)	5
Farms with—							
1 worker	1	1	(D)	–	–	1	2
2 workers	–	–	–	–	–	–	–
3 or 4 workers	1	–	–	1	(D)	1	1
5 to 9 workers	–	–	–	–	–	–	–
10 workers or more	–	–	–	–	–	–	–

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	10	(X)	7	(X)	4	(X)	4	(X)
Any cattle, hogs, or sheep	10	(X)	6	(X)	4	(X)	3	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	10	24	7	44	4	15	4	40
Any cattle, hogs, or sheep ... $1,000	9	22	5	(NA)	4	15	3	14
CATTLE AND CALVES								
Inventory:								
Cattle and calves	10	109	5	97	4	59	2	(D)
Cows and heifers that had calved	8	39	4	50	3	(D)	1	(D)
Beef cows	8	(D)	3	(D)	3	(D)	1	(D)
Milk cows	1	(D)	1	(D)	–	–	–	–
Heifers and heifer calves	8	49	(NA)	(NA)	4	29	1	(D)
Steers, steer calves, bulls and bull calves	6	21	(NA)	(NA)	3	(D)	2	(D)
Sales:								
Cattle and calves	9	61	4	77	4	42	2	(D)
$1,000	(X)	19	(X)	(NA)	(X)	(D)	(X)	(D)
Calves	4	12	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	3	(X)	(NA)	(X)	(D)	(X)	–
Cattle	8	49	(NA)	(NA)	4	(D)	2	(D)
$1,000	(X)	17	(X)	(NA)	(X)	(D)	(X)	(D)
Fattened cattle	2	(D)	(NA)	(NA)	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Dairy products ... $1,000	–	–	(NA)	(NA)	–	–	–	–
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	2	(D)	2	(D)	–	–	2	(D)
Used or to be used for breeding	2	(D)	(NA)	(NA)	–	–	1	(D)
Other hogs and pigs	1	(D)	(NA)	(NA)	–	–	2	(D)
Litters of pigs farrowed between –								
Dec. 1 of preceding year and Nov. 30	2	(D)	1	(D)	–	–	1	(D)
Dec. 1 of preceding year and May 31	1	(D)	1	(D)	–	–	1	(D)
June 1 and Nov. 30	2	(D)	–	–	–	–	–	–
Sheep and lambs	1	(D)	–	–	–	–	–	–
Ewes 1 year old or older	1	(D)	(NA)	(NA)	–	–	–	–
Goats	2	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	3	8	1	(D)	–	–	–	–
Sales:								
Hogs and pigs	2	(D)	2	(D)	1	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	–	–	–	–	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep and lambs	1	(D)	–	–	–	–	–	–
Sheep and lambs shorn	1	(D)	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool ... $1,000	1	(D)	(NA)	(NA)	–	–	–	–
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	2	(D)	1	(D)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
POULTRY								
Inventory:								
Any poultry	6	(X)	3	(X)	1	(X)	1	(X)
Chickens 3 months old or older	5	155	3	67	1	(D)	1	(D)
Hens and pullets of laying age	5	(D)	2	(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	–	–	–	–	–	–	–	–
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	–	(X)	–	(X)
Sales:								
Any poultry	1	(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	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	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	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	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(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)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	9	272	438	–	–	3	96	192	–	–
	1974	4	108	145	(NA)	(NA)	3	(D)	(D)	–	–
Alfalfa hay (tons, dry)	1978	6	231	397	–	–	3	96	192	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	88	115	–	–
Other tame dry hay (tons, dry) (see text)	1978	2	(D)	(D)	–	–	–	–	–	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	3	8	(X)	–	–	2	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	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)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	5	(X)	–	–	3	(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	332	92 203	317	91 893	234	79 979	204	73 963
Average size of farm	(X)	278	(X)	290	(X)	342	(X)	363
Approximate land area	(X)	753 280	(X)	753 280	(X)	753 280	(X)	753 280
Proportion in farms, percent	(X)	12.2	(X)	12.2	(X)	10.6	(X)	9.8
Value of land and buildings:[1]								
Average per farm, dollars	92 990	(X)	56 047	(X)	105 556	(X)	69 373	(X)
Average per acre, dollars	(X)	324	(X)	193	(X)	314	(X)	191
Land in farms according to use:								
Total cropland	321	46 163	307	42 968	228	40 290	196	35 788
Harvested cropland	305	29 103	291	25 372	219	26 483	192	22 140
By acres harvested:								
1 to 9 acres	20	84	15	(NA)	11	36	7	(NA)
10 to 19 acres	25	360	23	(NA)	3	51	6	(NA)
20 to 29 acres	31	714	36	(NA)	12	273	11	(NA)
30 to 49 acres	50	1 855	43	(NA)	28	1 066	16	(NA)
50 to 99 acres	77	5 418	84	(NA)	65	(D)	62	(NA)
100 to 199 acres	67	9 397	62	(NA)	65	(D)	62	(NA)
200 to 499 acres	32	9 558	26	(NA)	32	9 558	26	(NA)
500 to 999 acres	3	1 717	2	(NA)	3	1 717	2	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	191	11 472	218	13 387	143	9 599	139	11 013
Other cropland	135	5 588	85	4 209	93	4 208	49	2 635
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	42	1 578	(NA)	(NA)	33	1 329	9	350
Cropland on which all crops failed	40	593	(NA)	(NA)	25	463	12	297
Cropland in cultivated summer fallow	52	1 227	(NA)	(NA)	37	1 073	24	863
Cropland idle	71	2 190	(NA)	(NA)	41	1 343	28	1 125
Total woodland	258	34 702	255	37 377	191	29 970	167	29 031
Woodland pastured	106	7 615	(NA)	(NA)	87	6 836	103	9 821
Woodland not pastured	224	27 087	(NA)	(NA)	167	23 134	136	19 210
Other land	240	11 338	221	11 548	170	9 719	145	9 144
Pastureland and rangeland, other than cropland and woodland pastured	68	5 911	(NA)	(NA)	44	5 165	41	5 788
Land in house lots, ponds, roads, wasteland, etc	231	5 427	(NA)	(NA)	165	4 554	139	3 356
Pastureland, all types	245	24 998	(NA)	(NA)	181	21 600	(NA)	26 622
Irrigated land	12	179	4	68	11	(D)	4	68
Harvested cropland irrigated	12	(D)	(NA)	(NA)	11	(D)	3	24
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	44
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	28	512	(X)	(X)	21	417	(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]	332	6 276	317	4 753	234	6 171	204	4 618
Average per farm, dollars	(X)	18 905	(X)	14 994	(X)	26 373	(X)	22 637
Farms by value of agricultural products sold:[1]								
$100,000 or more	13	1 918	7	(NA)	13	1 918	7	(NA)
$40,000 to $99,999	36	2 133	27	(NA)	36	2 133	27	(NA)
$20,000 to $39,999	33	910	42	(NA)	33	910	42	(NA)
$10,000 to $19,999	44	618	39	(NA)	44	618	39	(NA)
$5,000 to $9,999	53	388	49	(NA)	53	388	49	(NA)
$2,500 to $4,999	55	205	33	(NA)	55	205	33	(NA)
Less than $2,500 (see text)	98	105	120	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	20	43	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	22	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	20	24	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	45	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	186	1 753	195	1 174	135	1 712	(NA)	1 122
Grains	72	409	(NA)	(NA)	59	400	52	310
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	129	532	(NA)	(NA)	88	502	79	248
Vegetables, sweet corn, and melons	10	(D)	(NA)	(NA)	9	(D)	3	7
Fruits, nuts, and berries	8	55	(NA)	(NA)	4	52	6	32
Nursery and greenhouse products	3	(D)	5	55	3	(D)	5	55
Other crops	17	712	(NA)	(NA)	16	(D)	18	469
Livestock, poultry, and their products	231	4 523	259	3 405	180	4 460	177	3 329
Poultry and poultry products	21	8	29	116	10	4	13	112
Dairy products	73	2 557	(NA)	(NA)	71	(D)	92	1 761
Cattle and calves	194	1 153	(NA)	(NA)	160	1 111	163	618
Hogs and pigs	32	29	(NA)	(NA)	20	24	13	22
Sheep, lambs, and wool	8	2	(NA)	(NA)	8	(D)	–	–
Other livestock and livestock products (see text)	28	774	(NA)	(NA)	18	762	17	816

[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	332	317	92 203	305	89 408	29 103	12	4 647	983	179
Farms with—										
1 to 9 acres	7	7	20	3	9	4	–	–	–	–
10 to 49 acres	25	20	930	20	766	374	3	130	7	7
50 to 69 acres	17	7	972	14	802	372	1	(D)	(D)	(D)
70 to 99 acres	26	30	2 124	23	1 860	573	2	(D)	(D)	(D)
100 to 139 acres	34	38	4 056	33	3 933	1 431	–	–	–	–
140 to 179 acres	44	32	6 885	36	5 651	2 185	–	–	–	–
180 to 219 acres	36	28	7 079	36	7 079	2 489	2	(D)	(D)	(D)
220 to 259 acres	30	30	7 107	29	6 867	2 161	–	–	–	–
260 to 499 acres	65	76	23 092	63	22 503	7 893	1	(D)	(D)	(D)
500 to 999 acres	39	42	27 042	39	27 042	8 782	2	(D)	(D)	(D)
1,000 to 1,999 acres	8	5	(D)	8	(D)	(D)	–	–	–	–
2,000 acres or more	1	2	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	332	92 203	317	91 893	234	79 979	204	73 963
Harvested cropland	305	29 103	291	25 372	219	26 483	192	22 140
Tenure of operator:								
Full owners	229	50 075	219	50 855	145	39 491	114	(D)
Harvested cropland	204	13 408	(NA)	11 642	131	(D)	(NA)	8 623
Part owners	95	40 528	90	39 204	82	(D)	83	37 485
Harvested cropland	93	14 510	(NA)	13 083	81	13 949	(NA)	12 885
Tenants	8	1 600	8	1 834	7	(D)	7	(D)
Harvested cropland	8	1 185	(NA)	647	7	(D)	(NA)	632
Type of organization:								
Individual or family	304	83 439	(NA)	(NA)	210	72 001	192	65 484
Partnership	27	(D)	(NA)	(NA)	23	(D)	12	8 479
Corporation	1	(D)	(NA)	(NA)	1	(D)	–	–
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	167	201	148	155
Other	165	116	86	49
Operators by age group:				
Under 25 years	7	3	6	3
25 to 34 years	45	22	26	18
35 to 44 years	71	63	44	31
45 to 54 years	80	90	66	67
55 to 64 years	69	74	51	55
65 years and over	60	65	41	30
Average age	50.5	53.0	51.0	51.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	276	249	192	157
Not on farm operated	21	15	16	13
Not reported	35	53	26	34
Operators reporting days of work off farm:				
None	140	117	114	94
1 to 49 days	16	24	15	10
50 to 99 days	6	7	6	4
100 to 149 days	10	13	9	9
150 to 199 days	28	21	20	12
200 days or more	124	88	63	38

[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	165	106	144	84	163	50	118
Feed for livestock and poultry	224	1 368	250	892	192	1 349	161	860
Commercially mixed formula feeds	115	523	149	564	97	513	104	548
Animal health costs	204	73	(NA)	(NA)	204	73	113	28
Seeds, bulbs, plants, and trees	179	258	149	86	158	257	113	82
Commercial fertilizer	231	466	203	259	200	460	144	247
Other agricultural chemicals including lime	177	153	104	36	158	147	89	35
Hired farm labor	144	588	121	240	137	585	85	226
Contract labor	16	20	5	3	15	(D)	2	(D)
Customwork, machine hire, and rental of machinery and equipment	133	42	110	52	127	41	78	48
Energy and petroleum products	333	543	(NA)	(NA)	268	526	(NA)	(NA)
Petroleum products	333	393	317	268	268	378	204	233
Gasoline	324	224	(NA)	(NA)	259	212	202	155
Diesel fuel	141	106	(NA)	(NA)	139	(D)	110	48
LP gas, butane, and propane	53	8	(NA)	(NA)	47	(D)	24	3
Fuel oil	44	17	(NA)	(NA)	32	16		
Natural gas	9	7	(NA)	(NA)	9	7	204	27
Kerosene, motor oil, and grease	333	31	(NA)	(NA)	268	29		
Electricity	254	146	(NA)	(NA)	234	144	(NA)	(NA)
Other—coal, wood, coke, etc.	8	4	(NA)	(NA)	8	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	231	18 584	200	18 152	144	10 013
Cropland fertilized, except pasture	231	16 995	200	16 563	(NA)	9 295
Pasture and rangeland fertilized	58	1 589	58	1 589	(NA)	718
Lime	14	400	2	(D)	4	120
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	57	3 746	57	3 746	(NA)	1 233
Nematodes in crops	2	(D)	2	(D)	–	–
Diseases in crops and orchards	50	2 079	38	1 983	5	72
Weeds, grass, or brush in crops and pasture	105	9 213	105	9 213	(NA)	2 813
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	16	468	9	258	–	–
Insect control on livestock and poultry	58	(X)	58	(X)	23	(X)
Sanitation and rodent and bird control	25	(X)	25	(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	333	311	268	201
$1,000	8 841	6 494	8 206	5 471
Average per farm—dollars	26 550	20 881	30 621	27 219
Farms by value group:				
$1 to $4,999	34	56	20	21
$5,000 to $9,999	87	66	51	25
$10,000 to $19,999	68	69	62	47

	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	45	42	37	36
$30,000 to $49,999	51	58	50	52
$50,000 to $69,999	5	9	5	9
$70,000 to $99,999	28	11	28	11
$100,000 to $199,999	13		13	
$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	263	350	136	158	156	192	256	325	156
Motortrucks including pickups	263	350	112	113	183	237	263	356	126
Wheel tractors	306	781	78	95	284	686	295	711	108
Grain and bean combines, self-propelled only	70	74	3	3	68	71	41	42	1
Corn heads for combines	16	23	1	(D)	15	(D)	7	7	2
Other cornpickers and picker-shellers	26	26	2	(D)	24	(D)	21	22	5
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	171	180	51	51	129	129	127	129	39
Pickup balers	198	207	17	17	182	190	201	208	29
Field forage harvesters, shear bar or flywheel type	74	90	10	11	66	79	62	70	19

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	144	62	(X)	133	(X)	137	85
Workers	540	(X)	123	(X)	417	505	411
Farms with—							
1 worker	26	27	27	33	33	26	26
2 workers	43	17	34	41	82	43	9
3 or 4 workers	25	15	45	25	90	25	23
5 to 9 workers	47	3	17	31	166	40	16
10 workers or more	3	–	–	3	46	3	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	258	(X)	262	(X)	184	(X)	172	(X)
Any cattle, hogs, or sheep	220	(X)	241	(X)	168	(X)	161	(X)
Sales:								
Any livestock or poultry and their products $1,000	231	4 523	259	3 405	180	4 460	177	3 329
Any cattle, hogs, or sheep $1,000	206	1 184	237	(NA)	167	(D)	165	640
CATTLE AND CALVES								
Inventory:								
Cattle and calves	212	9 371	237	11 705	163	8 872	157	10 550
Cows and heifers that had calved	193	5 249	221	6 314	152	4 996	150	5 630
Beef cows	127	2 704	141	3 605	90	2 476	81	2 999
Milk cows	85	2 545	118	2 709	77	2 520	94	2 631
Heifers and heifer calves	172	2 881	(NA)	(NA)	140	2 769	122	2 557
Steers, steer calves, bulls and bull calves	177	1 241	(NA)	(NA)	132	1 107	134	2 363
Sales:								
Cattle and calves	194	4 126	233	3 907	160	3 969	163	3 472
$1,000	(X)	1 153	(X)	(NA)	(X)	1 111	(X)	618
Calves	135	2 159	(NA)	(NA)	118	2 098	113	1 870
$1,000	(X)	350	(X)	(NA)	(X)	340	(X)	170
Cattle	166	1 967	(NA)	(NA)	138	1 871	124	1 602
$1,000	(X)	803	(X)	(NA)	(X)	771	(X)	448
Fattened cattle	32	209	(NA)	(NA)	23	192	15	147
$1,000	(X)	87	(X)	(NA)	(X)	81	(X)	55
Dairy products $1,000	73	2 557	(NA)	(NA)	71	(D)	92	1 761
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	45	423	46	497	24	301	26	428
Used or to be used for breeding	21	98	(NA)	(NA)	13	81	16	72
Other hogs and pigs	42	325	(NA)	(NA)	21	220	24	356
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	21	97	20	70	13	80	16	63
Dec. 1 of preceding year and May 31	16	45	8	24	12	36	6	(D)
June 1 and Nov. 30	14	52	18	46	9	44	14	(D)
Sheep and lambs	8	112	–	–	8	112	–	–
Ewes 1 year old or older	8	78	(NA)	(NA)	8	78	–	–
Goats	1	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	56	199	58	205	29	95	22	83
Sales:								
Hogs and pigs	32	569	21	491	20	468	13	464
$1,000	(X)	29	(X)	(NA)	(X)	24	(X)	22
Feeder pigs	14	315	12	242	10	260	9	228
$1,000	(X)	13	(X)	(NA)	(X)	11	(X)	5
Sheep and lambs	7	50	–	–	7	50	–	–
Sheep and lambs shorn	8	87	(NA)	(NA)	8	87	–	–
Pounds of wool	(X)	645	(X)	(NA)	(X)	645	(X)	–
Sheep, lambs, and wool $1,000	8	2	(NA)	(NA)	8	(D)	–	–
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	13	38	13	32	6	23	5	21
$1,000	(X)	14	(X)	(NA)	(X)	9	(X)	3
POULTRY								
Inventory:								
Any poultry	50	(X)	67	(X)	28	(X)	31	(X)
Chickens 3 months old or older	44	1 834	67	16 249	27	986	31	14 653
Hens and pullets of laying age	44	1 794	66	14 002	27	986	30	12 608
Pullets 3 months old or older	3	40	(NA)	(NA)	–	–	4	1 954
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	9	346	4	40	4	115	–	–
Turkeys	5	40	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	5	40	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	5	(X)	1	(X)
Sales:								
Any poultry	12	(X)	9	(X)	5	(X)	6	(X)
Chickens 3 months old or older	5	302	9	6 917	2	(D)	6	6 837
Hens and pullets of laying age	4	(D)	8	(D)	2	(D)	5	(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)	–	–	–	–
Broilers and other meat-type chickens	6	89	–	–	2	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	2	(X)	1	(X)
Poultry and poultry products $1,000	21	(D)	29	116	10	4	13	112

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	85	2 941	(X)	–	–	74	2 850	(X)	–	–
	1974	66	2 350	(X)	(NA)	(NA)	60	2 326	(X)	–	–
For grain or seed (bushels)	1978	35	1 273	96 380	–	–	31	1 228	94 255	–	–
	1974	28	932	60 141	(NA)	(NA)	23	919	59 340	–	–
For silage or green chop (tons, green)	1978	69	1 668	17 645	–	–	61	1 622	17 253	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	53	1 377	11 589	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	30	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	5	64	1 116	–	–	3	(D)	(D)	–	–
	1974	17	99	3 643	(NA)	(NA)	8	77	2 965	–	–
Oats for grain (bushels)	1978	163	4 562	200 812	–	–	132	4 097	186 127	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	132	4 195	223 700	1	(D)
Barley for grain (bushels)	1978	57	1 423	65 592	–	–	50	1 392	64 828	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	290	14 090	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	28	740	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	20	979	210 738	4	(D)	18	(D)	(D)	4	(D)
	1974	26	585	124 526	(NA)	(NA)	19	582	124 273	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	268	18 613	38 113	–	–	192	16 599	35 559	–	–
	1974	261	16 753	32 808	(NA)	(NA)	167	14 163	28 906	–	–
Alfalfa hay (tons, dry)	1978	224	12 510	29 394	–	–	166	11 364	27 783	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	123	8 556	19 567	–	–
Other tame dry hay (tons, dry) (see text)	1978	67	2 771	4 199	–	–	44	2 234	3 459	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	49	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	49	6 300	–	–
All vegetables harvested for sale (see text)	1978	10	29	(X)	3	7	9	(D)	(X)	3	7
	1974	7	14	(X)	(NA)	(NA)	3	9	(X)	–	–
Sweet corn	1978	7	19	(X)	3	(D)	6	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	1	(D)	(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	13	31	(X)	–	–	3	4	(X)	–	–
	1974	15	44	(X)	(NA)	(NA)	5	37	(X)	–	–
Apples (pounds)	1978	13	29	29 490	(NA)	(NA)	3	3	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23	232 400	(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	1	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	5	22	(X)	5	22	4	(D)	(X)	4	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	5	22	142 445	5	22	4	(D)	(D)	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	3	3	(X)	2	(D)	3	3	(X)	2	(D)
Other crops	1978	10	1 129	(X)	(NA)	(NA)	10	1 129	(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	116	33 390	143	39 343	77	27 304	82	30 868
Average size of farm	(X)	288	(X)	275	(X)	355	(X)	376
Approximate land area	(X)	484 480	(X)	484 480	(X)	484 480	(X)	484 480
Proportion in farms, percent	(X)	6.9	(X)	8.1	(X)	5.6	(X)	6.4
Value of land and buildings:[1]								
Average per farm, dollars	149 725	(X)	81 021	(X)	183 231	(X)	104 549	(X)
Average per acre, dollars	(X)	522	(X)	294	(X)	540	(X)	278
Land in farms according to use:								
Total cropland	114	15 671	142	18 507	76	13 772	81	14 872
Harvested cropland	112	11 355	134	12 483	75	10 270	80	10 689
By acres harvested:								
1 to 9 acres	6	26	10	(NA)	3	7	2	(NA)
10 to 19 acres	9	131	6	(NA)	–	–	3	(NA)
20 to 29 acres	16	378	14	(NA)	4	103	–	(NA)
30 to 49 acres	17	649	21	(NA)	8	316	5	(NA)
50 to 99 acres	15	1 043	39	(NA)	12	(D)	26	(NA)
100 to 199 acres	31	4 084	25	(NA)	30	(D)	25	(NA)
200 to 499 acres	18	5 044	19	(NA)	18	5 044	19	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,00 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	68	3 016	97	4 171	43	2 303	51	2 765
Other cropland	34	1 300	41	1 853	23	1 199	23	1 418
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	17	934	(NA)	(NA)	14	922	14	968
Cropland on which all crops failed	7	59	(NA)	(NA)	7	59	3	32
Cropland in cultivated summer fallow	12	137	(NA)	(NA)	8	119	8	249
Cropland idle	10	170	(NA)	(NA)	5	99	8	169
Total woodland	99	15 508	120	18 668	67	12 357	75	14 526
Woodland pastured	51	2 276	(NA)	(NA)	31	1 488	34	2 844
Woodland not pastured	86	13 232	(NA)	(NA)	60	10 869	59	11 682
Other land	75	2 211	95	2 168	51	1 175	56	1 470
Pastureland and rangeland, other than cropland and woodland pastured	16	533	(NA)	(NA)	10	366	18	596
Land in house lots, ponds, roads, wasteland, etc	68	1 678	(NA)	(NA)	48	809	49	874
Pastureland, all types	91	5 825	(NA)	(NA)	56	4 157	(NA)	6 205
Irrigated land	9	996	7	397	8	(D)	7	397
Harvested cropland irrigated	9	(D)	(NA)	(NA)	8	(D)	7	397
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	–	–
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]	116	3 037	143	3 704	77	2 999	82	3 638
Average per farm, dollars	(X)	26 184	(X)	25 902	(X)	38 948	(X)	44 366
Farms by value of agricultural products sold:[1]								
$100,000 or more	7	1 083	11	(NA)	7	1 083	11	(NA)
$40,000 to $99,999	20	1 207	16	(NA)	20	1 207	16	(NA)
$20,000 to $39,999	16	458	17	(NA)	16	458	17	(NA)
$10,000 to $19,999	6	99	8	(NA)	6	99	8	(NA)
$5,000 to $9,999	14	103	16	(NA)	14	103	16	(NA)
$2,500 to $4,999	14	49	11	(NA)	14	49	11	(NA)
Less than $2,500 (see text)	39	38	64	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	5	11	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	7	12	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	8	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	19	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	60	1 310	90	2 248	45	1 295	(NA)	2 207
Grains	16	42	(NA)	(NA)	15	(D)	22	(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	44	256	(NA)	(NA)	30	243	25	90
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	1	(D)	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	4	(D)	5	31	3	(D)	4	(D)
Other crops	16	993	(NA)	(NA)	16	993	18	1 997
Livestock, poultry, and their products	80	1 728	92	1 412	57	1 704	61	1 390
Poultry and poultry products	7	(D)	11	8	6	(D)	6	8
Dairy products	30	1 101	(NA)	(NA)	28	(D)	39	1 080
Cattle and calves	70	240	(NA)	(NA)	52	222	58	(D)
Hogs and pigs	6	12	(NA)	(NA)	5	(D)	1	(D)
Sheep, lambs, and wool	1	(D)	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	14	370	(NA)	(NA)	11	368	5	167

[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	116	143	33 390	112	33 063	11 355	9	3 999	1 500	996
Farms with—										
1 to 9 acres	4	3	14	3	5	4	1	(D)	(D)	(D)
10 to 49 acres	10	16	378	9	(D)	(D)	–	–	–	–
50 to 69 acres	3	3	178	2	(D)	(D)	–	–	–	–
70 to 99 acres	8	10	671	8	671	264	–	–	–	–
100 to 139 acres	13	18	1 502	13	1 502	549	–	–	–	–
140 to 179 acres	6	15	982	6	982	306	–	–	–	–
180 to 219 acres	12	11	2 373	12	2 373	954	–	–	–	–
220 to 259 acres	11	13	2 621	10	2 381	938	–	–	–	–
260 to 499 acres	33	36	11 486	33	11 486	4 441	6	2 157	924	704
500 to 999 acres	12	16	7 862	12	7 862	2 461	1	(D)	(D)	(D)
1,000 to 1,999 acres	4	2	5 323	4	5 323	1 245	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	116	33 390	143	39 343	77	27 304	82	30 868
Harvested cropland	112	11 355	134	12 483	75	10 270	80	10 689
Tenure of operator:								
Full owners	69	16 317	91	20 899	38	(D)	36	(D)
Harvested cropland	65	4 596	(NA)	5 554	36	(D)	(NA)	3 995
Part owners	44	16 692	50	(D)	37	15 308	44	17 236
Harvested cropland	44	6 505	(NA)	6 820	37	6 224	(NA)	6 585
Tenants	3	381	2	(D)	2	(D)	2	(D)
Harvested cropland	3	254	(NA)	109	2	(D)	(NA)	109
Type of organization:								
Individual or family	103	27 105	(NA)	(NA)	65	(D)	67	25 322
Partnership	13	6 285	(NA)	(NA)	12	(D)	15	5 546
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	60	68	52	57
Other	56	75	25	25
Operators by age group:				
Under 25 years	2	8	1	1
25 to 34 years	6	10	2	6
35 to 44 years	21	26	14	15
45 to 54 years	38	25	26	15
55 to 64 years	33	44	28	30
65 years and over	16	30	6	15
Average age	52.0	53.1	51.8	54.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	104	121	69	72
Not on farm operated	6	10	4	5
Not reported	6	12	4	5
Operators reporting days of work off farm:				
None	43	39	35	32
1 to 49 days	5	18	4	4
50 to 99 days	4	2	3	1
100 to 149 days	3	1	2	1
150 to 199 days	1	9	–	2
200 days or more	56	51	30	20

[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	40	38	58	42	27	33	22	25
Feed for livestock and poultry	80	318	100	318	50	310	53	304
Commercially mixed formula feeds	38	180	68	105	34	178	34	98
Animal health costs	56	14	(NA)	(NA)	48	13	47	16
Seeds, bulbs, plants, and trees	74	114	90	146	54	111	58	143
Commercial fertilizer	79	226	89	235	59	220	59	230
Other agricultural chemicals including lime	54	92	54	98	41	88	44	98
Hired farm labor	57	317	57	299	49	316	40	294
Contract labor	3	1	2	(D)	–	–	2	(D)
Customwork, machine hire, and rental of machinery and equipment	33	13	41	24	21	12	31	23
Energy and petroleum products	116	216	(NA)	(NA)	76	196	(NA)	(NA)
Petroleum products	116	164	143	135	76	149	82	121
Gasoline	115	84	(NA)	(NA)	75	73	80	72
Diesel fuel	58	51	(NA)	(NA)	49	48	51	30
LP gas, butane, and propane	15	9	(NA)	(NA)	12	8	20	8
Fuel oil	15	(D)	(NA)	(NA)	15	(D)		
Natural gas	2	(D)	(NA)	(NA)	2	(D)	82	11
Kerosene, motor oil, and grease	116	15	(NA)	(NA)	76	13		
Electricity	96	49	(NA)	(NA)	67	45	(NA)	(NA)
Other—coal, wood, coke, etc.	13	3	(NA)	(NA)	10	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	77	5 425	59	5 288	59	4 109
Cropland fertilized, except pasture	77	5 383	59	(D)	(NA)	4 019
Pasture and rangeland fertilized	5	42	2	(D)	(NA)	90
Lime	7	357	4	330	6	110
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	21	1 491	15	1 430	(NA)	1 780
Nematodes in crops	3	289	3	289	–	–
Diseases in crops and orchards	17	1 189	14	1 155	6	378
Weeds, grass, or brush in crops and pasture	47	3 339	37	3 028	(NA)	2 117
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	305	5	305	3	275
Insect control on livestock and poultry	10	(X)	8	(X)	5	(X)
Sanitation and rodent and bird control	4	(X)	4	(X)	(NA)	(X)

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

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

	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	116	143	76	82
$1,000	6 060	3 487	5 159	2 875
Average per farm—dollars	52 239	24 385	67 883	35 061
Farms by value group:				
$1 to $4,999	13	25	2	2
$5,000 to $9,999	35	23	12	7
$10,000 to $19,999	8	27	8	16

	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	11	33	11	24
$30,000 to $49,999	8	20	8	18
$50,000 to $69,999	6	3	6	3
$70,000 to $99,999	13		9	
$100,000 to $199,999	15	12	15	12
$200,000 or more	7		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	93	143	53	70	56	73	118	168	85
Motortrucks including pickups	105	218	53	63	80	155	117	224	55
Wheel tractors	113	313	26	41	112	272	132	314	52
Grain and bean combines, self-propelled only	33	33	3	3	30	30	22	22	5
Corn heads for combines	3	3	–	–	3	3	7	7	5
Other cornpickers and picker-shellers	10	10	2	(D)	8	(D)	8	8	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	67	69	23	23	44	46	60	60	21
Pickup balers	88	92	27	27	63	65	91	91	19
Field forage harvesters, shear bar or flywheel type	36	39	12	12	27	27	35	39	17

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	57	20	(X)	51	(X)	49	40
Workers	539	(X)	53	(X)	486	529	271
Farms with—							
1 worker	9	5	5	7	7	3	6
2 workers	11	6	12	10	(D)	9	7
3 or 4 workers	3	7	(D)	2	(D)	3	8
5 to 9 workers	12	2	(D)	13	83	12	7
10 workers or more	22	–	–	19	369	22	12

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	94	(X)	97	(X)	58	(X)	58	(X)
Any cattle, hogs, or sheep	86	(X)	91	(X)	56	(X)	55	(X)
Sales:								
Any livestock or poultry and their products $1,000	80	1 728	92	1 412	57	1 704	61	1 390
Any cattle, hogs, or sheep $1,000	72	251	84	(NA)	53	234	58	135
CATTLE AND CALVES								
Inventory:								
Cattle and calves	84	2 985	91	4 244	55	2 651	55	3 596
Cows and heifers that had calved	77	1 688	87	2 191	53	1 493	54	1 865
Beef cows	51	617	55	756	29	438	24	442
Milk cows	32	1 071	43	1 435	29	1 055	40	1 423
Heifers and heifer calves	68	1 001	(NA)	(NA)	49	940	53	1 228
Steers, steer calves, bulls and bull calves	64	296	(NA)	(NA)	41	218	39	503
Sales:								
Cattle and calves	70	1 001	84	1 099	52	949	58	971
$1,000	(X)	240	(X)	(NA)	(X)	(D)	(X)	(D)
Calves	48	617	(NA)	(NA)	42	604	51	608
$1,000	(X)	89	(X)	(NA)	(X)	(D)	(X)	34
Cattle	57	384	(NA)	(NA)	43	345	50	363
$1,000	(X)	150	(X)	(NA)	(X)	136	(X)	101
Fattened cattle	10	59	(NA)	(NA)	8	(D)	2	(D)
$1,000	(X)	27	(X)	(NA)	(X)	(D)	(X)	(D)
Dairy products $1,000	30	1 101	(NA)	(NA)	28	(D)	39	1 080
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	9	66	10	25	8	(D)	7	21
Used or to be used for breeding	6	32	(NA)	(NA)	5	(D)	1	(D)
Other hogs and pigs	6	34	(NA)	(NA)	5	(D)	7	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	6	33	1	(D)	5	(D)	1	(D)
Dec. 1 of preceding year and May 31	6	14	1	(D)	5	(D)	1	(D)
June 1 and Nov. 30	6	19	–	–	5	(D)	–	–
Sheep and lambs	1	(D)	–	–	–	–	–	–
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	–	–
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	31	174	27	164	18	139	9	94
Sales:								
Hogs and pigs	6	164	1	(D)	5	(D)	1	(D)
$1,000	(X)	12	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	4	116	1	(D)	3	(D)	1	(D)
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	1	(D)	–	–	–	–	–	–
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	1	(D)	(NA)	(NA)	–	–	–	–
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	12	54	8	30	9	50	2	(D)
$1,000	(X)	22	(X)	(NA)	(X)	20	(X)	(D)
POULTRY								
Inventory:								
Any poultry	19	(X)	25	(X)	14	(X)	15	(X)
Chickens 3 months old or older	16	855	22	2 095	11	765	12	1 421
Hens and pullets of laying age	16	(D)	22	2 092	11	(D)	12	1 418
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	4	112	2	(D)	2	(D)	2	(D)
Turkeys	3	20	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	5	(X)	(NA)	(X)	4	(X)	2	(X)
Sales:								
Any poultry	6	(X)	6	(X)	4	(X)	3	(X)
Chickens 3 months old or older	4	390	4	354	3	(D)	2	(D)
Hens and pullets of laying age	4	390	4	354	3	(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)	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	1	(X)
Poultry and poultry products $1,000	7	5	11	8	6	(D)	6	8

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	33	826	(X)	–	–	31	(D)	(X)	–	–
	1974	31	1 199	(X)	(NA)	(NA)	30	(D)	(X)	–	–
For grain or seed (bushels)	1978	13	298	25 074	–	–	13	298	25 074	–	–
	1974	12	621	35 845	(NA)	(NA)	12	621	35 845	–	–
For silage or green chop (tons, green)	1978	31	528	5 113	–	–	29	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	28	(D)	5 867	–	–
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	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	51	1 626	70 260	1	(D)	41	1 525	67 130	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	58	1 898	97 988	–	–
Barley for grain (bushels)	1978	13	318	13 140	–	–	12	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	266	16 300	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	58	1 494	–	–
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	16	1 527	397 610	8	809	16	1 527	397 610	8	809
	1974	19	1 398	388 545	(NA)	(NA)	18	(D)	(D)	5	395
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	98	7 410	15 255	–	–	62	6 404	13 984	–	–
	1974	113	8 064	15 839	(NA)	(NA)	64	6 387	13 343	–	–
Alfalfa hay (tons, dry)	1978	87	5 123	11 992	–	–	57	4 451	11 081	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	55	4 417	9 172	–	–
Other tame dry hay (tons, dry) (see text)	1978	22	894	1 512	–	–	10	654	1 239	–	–
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	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	1	(D)	(X)	–	–	1	(D)	(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	4	6	(X)	–	–	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	4	5	(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	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	3	5	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	3	(X)	1	(D)	3	(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	1 398	239 006	1 558	238 527	1 056	221 305	1 067	209 796
Average size of farm	(X)	171	(X)	153	(X)	210	(X)	197
Approximate land area	(X)	365 440	(X)	365 440	(X)	365 440	(X)	365 440
Proportion in farms — percent	(X)	65.4	(X)	65.3	(X)	60.6	(X)	57.4
Value of land and buildings:[1]								
Average per farm — dollars	151 234	(X)	81 040	(X)	182 275	(X)	101 862	(X)
Average per acre — dollars	(X)	902	(X)	529	(X)	892	(X)	518
Land in farms according to use:								
Total cropland	1 377	187 974	1 521	178 905	1 050	176 351	1 052	162 145
Harvested cropland	1 347	150 844	1 480	143 512	1 040	144 914	1 039	134 316
By acres harvested:								
1 to 9 acres	85	521	74	(NA)	24	144	11	(NA)
10 to 19 acres	171	2 457	221	(NA)	52	771	43	(NA)
20 to 29 acres	160	3 812	169	(NA)	86	2 089	63	(NA)
30 to 49 acres	222	8 509	290	(NA)	177	6 813	213	(NA)
50 to 99 acres	269	18 502	323	(NA)	261	18 054	307	(NA)
100 to 199 acres	237	33 775	213	(NA)	237	33 775	212	(NA)
200 to 499 acres	153	46 889	150	(NA)	153	46 889	150	(NA)
500 to 999 acres	45	29 961	39	(NA)	45	29 961	39	(NA)
1,000 acres or more	5	6 418	1	(NA)	5	6 418	1	(NA)
Cropland used only for pasture	494	15 476	635	18 655	356	12 968	442	14 803
Other cropland	740	21 654	635	16 738	579	18 469	455	13 026
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	248	5 613	(NA)	(NA)	204	4 808	105	2 443
Cropland on which all crops failed	48	1 305	(NA)	(NA)	38	1 174	50	1 042
Cropland in cultivated summer fallow	270	5 409	(NA)	(NA)	216	4 669	193	4 425
Cropland idle	391	9 327	(NA)	(NA)	298	7 818	212	5 116
Total woodland	830	24 248	887	25 690	654	21 435	653	21 372
Woodland pastured	195	3 567	(NA)	(NA)	161	3 108	199	5 107
Woodland not pastured	707	20 681	(NA)	(NA)	557	18 327	537	16 265
Other land	1 129	26 784	1 303	33 932	845	23 519	901	26 279
Pastureland and rangeland, other than cropland and woodland pastured	234	6 924	(NA)	(NA)	188	6 313	208	7 207
Land in house lots, ponds, roads, wasteland, etc	1 093	19 860	(NA)	(NA)	814	17 206	869	19 072
Pastureland, all types	693	25 967	(NA)	(NA)	513	22 389	(NA)	27 117
Irrigated land	33	2 370	22	429	27	2 323	16	381
Harvested cropland irrigated	32	2 179	(NA)	(NA)	27	(D)	15	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	319	5 173	(X)	(X)	280	4 991	(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]	1 398	29 949	1 558	24 485	1 056	29 511	1 067	23 843
Average per farm — dollars	(X)	21 423	(X)	15 716	(X)	27 946	(X)	22 346
Farms by value of agricultural products sold:[1]								
$100,000 or more	61	10 423	37	(NA)	61	10 423	37	(NA)
$40,000 to $99,999	152	9 235	121	(NA)	152	9 235	121	(NA)
$20,000 to $39,999	145	3 955	152	(NA)	145	3 955	152	(NA)
$10,000 to $19,999	233	3 380	228	(NA)	233	3 380	228	(NA)
$5,000 to $9,999	244	1 735	262	(NA)	244	1 735	262	(NA)
$2,500 to $4,999	221	784	251	(NA)	221	784	251	(NA)
Less than $2,500 (see text)	342	438	507	(NA)	(X)	(X)	16	(NA)
$2,000 to $2,499	66	144	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	81	142	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	88	105	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	107	47	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 205	18 141	1 368	14 747	972	17 855	(NA)	14 268
Grains	1 049	14 790	(NA)	(NA)	891	14 597	928	11 578
Commodity Credit Corporation loans	98	660	(NA)	(NA)	91	659	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	389	1 233	(NA)	(NA)	300	1 148	300	629
Vegetables, sweet corn, and melons	36	710	(NA)	(NA)	32	709	25	1 058
Fruits, nuts, and berries	19	82	(NA)	(NA)	11	77	10	51
Nursery and greenhouse products	13	837	16	539	12	(D)	13	537
Other crops	7	488	(NA)	(NA)	5	(D)	10	414
Livestock, poultry, and their products	709	11 808	800	9 691	570	11 657	593	9 529
Poultry and poultry products	40	251	62	397	30	249	31	393
Dairy products	132	5 926	(NA)	(NA)	130	(D)	170	4 624
Cattle and calves	511	3 123	(NA)	(NA)	434	3 039	501	3 036
Hogs and pigs	192	2 163	(NA)	(NA)	163	2 141	150	1 262
Sheep, lambs, and wool	67	214	(NA)	(NA)	54	202	75	194
Other livestock and livestock products (see text)	67	131	(NA)	(NA)	36	(D)	26	21

[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	1 398	1 558	239 006	1 347	236 775	150 844	33	7 950	5 881	2 370
Farms with—										
1 to 9 acres	23	35	103	12	69	50	3	11	5	5
10 to 49 acres	299	351	9 240	274	8 561	5 028	7	196	41	50
50 to 69 acres	153	146	8 943	146	8 540	4 641	4	244	170	56
70 to 99 acres	226	258	18 662	224	18 497	9 112	4	333	197	121
100 to 139 acres	160	197	18 832	156	18 365	9 666	–	–	–	–
140 to 179 acres	102	155	15 910	101	15 760	8 643	–	–	–	–
180 to 219 acres	87	97	17 376	87	17 376	10 216	1	(D)	(D)	(D)
220 to 259 acres	72	68	17 363	72	17 363	10 406	2	(D)	(D)	(D)
260 to 499 acres	177	177	59 966	176	59 633	38 329	7	2 235	1 427	677
500 to 999 acres	86	65	56 213	86	56 213	41 569	4	2 516	2 193	1 293
1,000 to 1,999 acres	12	9	(D)	12	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 398	239 006	1 558	238 527	1 056	221 305	1 067	209 796
Harvested cropland	1 347	150 844	1 480	143 512	1 040	144 914	1 039	134 316
Tenure of operator:								
Full owners	817	84 148	1 065	109 812	539	70 092	636	84 604
Harvested cropland	770	42 046	(NA)	53 903	523	37 511	(NA)	46 169
Part owners	477	138 749	408	115 167	429	135 920	367	112 549
Harvested cropland	474	96 843	(NA)	79 721	429	95 710	(NA)	78 720
Tenants	104	16 109	85	13 548	88	15 293	64	12 643
Harvested cropland	103	11 955	(NA)	9 888	88	11 693	(NA)	9 427
Type of organization:								
Individual or family	1 263	206 786	(NA)	(NA)	943	190 271	1 008	190 928
Partnership	127	30 149	(NA)	(NA)	105	28 963	56	18 405
Corporation	8	2 071	(NA)	(NA)	8	2 071	2	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(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	573	742	513	646
Other	825	813	543	418
Operators by age group:				
Under 25 years	48	64	45	45
25 to 34 years	186	202	142	124
35 to 44 years	314	291	215	184
45 to 54 years	339	366	244	232
55 to 64 years	329	327	273	258
65 years and over	182	305	137	221
Average age	48.7	50.4	48.8	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	1 127	1 168	850	795
Not on farm operated	139	151	107	103
Not reported	132	236	99	166
Operators reporting days of work off farm:				
None	388	416	339	342
1 to 49 days	77	64	70	51
50 to 99 days	46	33	35	26
100 to 149 days	44	46	38	26
150 to 199 days	76	65	58	47
200 days or more	716	696	471	372

[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	374	1 383	486	1 547	299	1 247	299	1 478
Feed for livestock and poultry	680	1 966	789	2 160	534	1 887	481	2 056
Commercially mixed formula feeds	289	889	516	963	234	861	335	928
Animal health costs	547	215	(NA)	(NA)	436	198	390	109
Seeds, bulbs, plants, and trees	1 159	1 750	1 227	1 280	963	1 718	954	1 247
Commercial fertilizer	1 153	3 535	1 246	2 991	950	3 462	914	2 905
Other agricultural chemicals including lime	1 062	1 337	828	727	905	1 310	675	711
Hired farm labor	461	1 025	336	748	374	992	281	734
Contract labor	72	166	29	44	62	164	23	41
Customwork, machine hire, and rental of machinery and equipment	712	758	662	395	596	728	490	362
Energy and petroleum products	1 392	2 362	(NA)	(NA)	1 053	2 234	(NA)	(NA)
Petroleum products	1 392	1 792	1 462	1 284	1 053	1 695	990	1 181
Gasoline	1 261	970	(NA)	(NA)	953	903	954	773
Diesel fuel	678	493	(NA)	(NA)	614	487	418	260
LP gas, butane, and propane	126	115	(NA)	(NA)	122	114	90	44
Fuel oil	112	42	(NA)	(NA)	80	33		
Natural gas	20	33	(NA)	(NA)	16	33	980	103
Kerosene, motor oil, and grease	1 392	139	(NA)	(NA)	1 053	126		
Electricity	991	560	(NA)	(NA)	809	528	(NA)	(NA)
Other—coal, wood, coke, etc.	35	10	(NA)	(NA)	35	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	1 122	132 455	933	129 333	914	105 857
Cropland fertilized, except pasture	1 117	131 705	928	128 638	(NA)	104 782
Pasture and rangeland fertilized	56	750	50	695	(NA)	1 075
Lime	155	4 425	131	4 107	110	4 902
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	420	39 444	358	38 780	(NA)	19 180
Nematodes in crops	64	7 361	54	7 261	1	(D)
Diseases in crops and orchards	93	6 835	88	6 820	13	1 555
Weeds, grass, or brush in crops and pasture	820	77 188	704	75 212	(NA)	57 149
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	21	1 310	21	1 310	10	553
Insect control on livestock and poultry	231	(X)	199	(X)	71	(X)
Sanitation and rodent and bird control	145	(X)	122	(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	1 391	1 451	1 053	972
$1,000	37 790	27 831	35 046	23 637
Average per farm—dollars	27 168	19 181	33 282	24 318
Farms by value group:				
$1 to $4,999	121	262	38	115
$5,000 to $9,999	426	342	259	153
$10,000 to $19,999	281	353	207	246

	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	158	224	149	195
$30,000 to $49,999	154	135	150	128
$50,000 to $69,999	122	86	121	86
$70,000 to $99,999	57	49	57	49
$100,000 to $199,999	59		59	
$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	1 117	1 587	669	767	652	820	1 215	1 549	882
Motortrucks including pickups	1 193	1 760	611	674	796	1 086	1 196	1 626	712
Wheel tractors	1 296	3 222	288	381	1 217	2 841	1 365	3 094	362
Grain and bean combines, self-propelled only	432	499	59	61	388	438	344	372	76
Corn heads for combines	361	436	64	69	303	367	245	261	78
Other cornpickers and picker-shellers	440	480	38	38	405	442	541	569	40
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	421	451	134	137	289	314	342	352	60
Pickup balers	619	630	118	119	504	511	562	574	75
Field forage harvesters, shear bar or flywheel type	277	333	45	51	238	282	228	259	47

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	461	97	(X)	408	(X)	374	281
Workers	1 568	(X)	241	(X)	1 327	1 321	1 357
Farms with—							
1 worker	144	51	51	127	127	110	113
2 workers	118	19	38	115	230	104	35
3 or 4 workers	132	9	29	108	365	108	54
5 to 9 workers	41	18	123	34	218	26	47
10 workers or more	26	–	–	24	387	26	32

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	830	(X)	931	(X)	611	(X)	639	(X)
Any cattle, hogs, or sheep	693	(X)	829	(X)	547	(X)	590	(X)
Sales:								
Any livestock or poultry and their products $1,000	709	11 808	800	9 691	570	11 657	593	9 529
Any cattle, hogs, or sheep $1,000	652	5 500	747	(NA)	542	5 382	578	4 492
CATTLE AND CALVES								
Inventory:								
Cattle and calves	565	21 038	740	26 852	449	19 937	533	24 517
Cows and heifers that had calved	448	9 491	554	11 033	356	9 007	417	10 064
Beef cows	321	4 085	384	4 932	235	3 626	268	4 055
Milk cows	170	5 406	246	6 101	158	5 381	207	6 009
Heifers and heifer calves	419	6 676	(NA)	(NA)	342	6 408	361	6 566
Steers, steer calves, bulls and bull calves	478	4 871	(NA)	(NA)	391	4 522	433	7 887
Sales:								
Cattle and calves	511	9 389	635	11 503	434	9 069	501	10 862
$1,000	(X)	3 123	(X)	(NA)	(X)	3 039	(X)	3 036
Calves	227	3 046	(NA)	(NA)	194	2 912	240	3 201
$1,000	(X)	357	(X)	(NA)	(X)	339	(X)	231
Cattle	454	6 343	(NA)	(NA)	391	6 157	442	7 661
$1,000	(X)	2 766	(X)	(NA)	(X)	2 700	(X)	2 805
Fattened cattle	203	2 842	(NA)	(NA)	171	2 766	151	3 856
$1,000	(X)	1 313	(X)	(NA)	(X)	1 285	(X)	1 669
Dairy products $1,000	132	5 926	(NA)	(NA)	130	(D)	170	4 624
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	201	19 051	207	12 690	167	18 635	144	12 192
Used or to be used for breeding	156	2 724	(NA)	(NA)	134	2 655	108	1 722
Other hogs and pigs	188	16 327	(NA)	(NA)	155	15 980	139	10 470
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	160	3 025	157	2 218	137	2 964	124	2 115
Dec. 1 of preceding year and May 31	140	1 496	125	1 081	121	1 459	104	1 030
June 1 and Nov. 30	122	1 529	121	1 137	108	1 505	97	1 085
Sheep and lambs	68	4 537	110	6 189	56	4 231	77	5 353
Ewes 1 year old or older	64	2 999	(NA)	(NA)	53	2 823	70	2 926
Goats	18	95	(NA)	(NA)	7	65	2	(D)
Horses and ponies	279	1 158	301	1 256	169	655	169	777
Sales:								
Hogs and pigs	192	25 532	194	18 826	163	25 162	150	18 074
$1,000	(X)	2 163	(X)	(NA)	(X)	2 141	(X)	1 262
Feeder pigs	76	6 384	72	2 736	66	6 249	55	2 361
$1,000	(X)	274	(X)	(NA)	(X)	269	(X)	53
Sheep and lambs	65	3 678	101	5 536	53	3 453	75	4 944
Sheep and lambs shorn	64	3 738	(NA)	(NA)	53	3 504	64	5 373
Pounds of wool	(X)	32 476	(X)	(NA)	(X)	30 511	(X)	39 414
Sheep, lambs, and wool $1,000	67	214	(NA)	(NA)	54	202	75	194
Goats	5	27	(NA)	(NA)	5	27	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	46	122	44	94	24	72	21	52
$1,000	(X)	77	(X)	(NA)	(X)	56	(X)	19
POULTRY								
Inventory:								
Any poultry	154	(X)	215	(X)	96	(X)	119	(X)
Chickens 3 months old or older	128	33 433	205	69 112	81	32 212	109	65 697
Hens and pullets of laying age	126	32 974	192	27 483	80	31 931	102	24 691
Pullets 3 months old or older	24	459	(NA)	(NA)	16	281	3	40 110
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	–	–
Broilers and other meat-type chickens	33	943	17	663	16	499	9	497
Turkeys	10	56	(NA)	(NA)	8	(D)	8	91
Turkeys for slaughter	6	41	(NA)	(NA)	5	(D)	7	69
Turkey hens kept for breeding	5	15	(NA)	(NA)	4	(D)	3	22
Other poultry	40	(X)	(NA)	(X)	25	(X)	20	(X)
Sales:								
Any poultry	26	(X)	31	(X)	20	(X)	21	(X)
Chickens 3 months old or older	10	27 542	23	137 492	9	(D)	15	137 038
Hens and pullets of laying age	10	27 542	21	(D)	9	(D)	13	(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	4	249	9	449	3	(D)	6	238
Turkeys	–	–	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	7	(X)	(NA)	(X)	6	(X)	3	(X)
Poultry and poultry products $1,000	40	251	62	397	30	249	31	393

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	1 026	65 043	(X)	13	831	876	63 344	(X)	12	(D)
	1974	1 152	64 310	(X)	(NA)	(NA)	899	61 106	(X)	4	103
For grain or seed (bushels)	1978	1 000	60 046	5 331 906	12	(D)	861	58 538	5 238 087	12	(D)
	1974	1 082	54 542	3 013 387	(NA)	(NA)	856	51 656	2 906 722	4	103
For silage or green chop (tons, green)	1978	179	(D)	62 105	1	(D)	165	(D)	61 266	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	274	9 321	80 431	–	–
For fodder, hogged or grazed	1978	3	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	129	(X)	–	–
Sorghums for all purposes	1978	16	178	(X)	–	–	16	178	(X)	–	–
	1974	19	209	(X)	(NA)	(NA)	14	171	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	4	27	775	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	15	(D)	1 823	–	–	15	(D)	1 823	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	117	1 040	–	–
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)	4	(D)	(X)	–	–
Wheat for grain (bushels)	1978	614	20 039	835 709	2	(D)	553	19 227	810 730	2	(D)
	1974	925	28 360	1 090 993	(NA)	(NA)	760	26 387	1 031 004	1	(D)
Oats for grain (bushels)	1978	428	8 239	533 722	2	(D)	388	7 877	514 334	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	295	4 619	257 598	1	(D)
Barley for grain (bushels)	1978	9	72	3 273	–	–	9	72	3 273	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	188	8 500	–	–
Rye for grain (bushels)	1978	4	42	1 940	–	–	4	42	1 940	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	158	4 230	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	142	(X)	–	–
Soybeans for beans (bushels)	1978	342	17 346	484 766	4	(D)	324	17 158	480 896	4	(D)
	1974	257	8 209	172 824	(NA)	(NA)	216	7 810	167 415	–	–
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	726	194 980	2	(D)	5	(D)	(D)	–	–
	1974	11	396	79 108	(NA)	(NA)	7	396	79 092	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	783	26 057	72 172	2	(D)	594	23 264	66 429	1	(D)
	1974	773	21 557	47 240	(NA)	(NA)	559	18 749	42 237	1	(D)
Alfalfa hay (tons, dry)	1978	642	17 599	56 141	1	(D)	488	15 368	51 123	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	415	11 890	29 266	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	226	4 516	8 910	–	–	188	4 136	8 353	–	–
Field seed crops	1978	53	1 125	(X)	–	–	42	1 027	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	71	936	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	50	1 087	160 986	–	–	41	1 017	154 035	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	69	924	80 017	–	–
All vegetables harvested for sale (see text)	1978	36	956	(X)	8	86	32	946	(X)	6	(D)
	1974	31	1 436	(X)	(NA)	(NA)	25	1 429	(X)	5	139
Sweet corn	1978	19	90	(X)	7	33	16	84	(X)	6	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	80	(X)	1	(D)
Tomatoes	1978	8	11	(X)	3	9	8	11	(X)	3	9
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	1	(D)
Green peas excluding cowpeas	1978	6	184	(X)	–	–	6	184	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	39	(X)	–	–
Land in orchards	1978	22	162	(X)	5	(D)	6	103	(X)	1	(D)
	1974	27	169	(X)	(NA)	(NA)	7	100	(X)	–	–
Apples (pounds)	1978	20	128	538 542	(NA)	(NA)	6	95	476 122	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	91	(NA)	(NA)	(NA)
Peaches (pounds)	1978	7	8	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	NA)			(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	5	2 600	(NA)	(NA)	2	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	15	26	(X)	9	20	10	19	(X)	5	14
	1974	6	29	(X)	(NA)	(NA)	5	(D)	(X)	3	10
Strawberries (pounds)	1978	12	20	53 851	8	15	8	14	41 351	5	10
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	10	29 000	3	10
Nursery and greenhouse products	1978	13	601	(X)	5	293	12	(D)	(X)	5	293
Other crops	1978	163	13 698	(X)	(NA)	(NA)	161	(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	230	47 685	200	43 907	125	35 499	111	33 821
Average size of farm	(X)	207	(X)	220	(X)	284	(X)	305
Approximate land area	(X)	295 040	(X)	295 040	(X)	295 040	(X)	295 040
Proportion in farms, percent	(X)	16.2	(X)	14.9	(X)	12.0	(X)	11.5
Value of land and buildings:[1]								
Average per farm, dollars	94 579	(X)	70 100	(X)	119 881	(X)	92 901	(X)
Average per acre, dollars	(X)	470	(X)	319	(X)	436	(X)	305
Land in farms according to use:								
Total cropland	225	25 534	197	24 400	123	20 140	109	19 801
Harvested cropland	222	16 549	188	14 539	122	14 118	106	12 474
By acres harvested:								
1 to 9 acres	23	110	15	(NA)	10	50	6	(NA)
10 to 19 acres	32	412	24	(NA)	5	72	3	(NA)
20 to 29 acres	33	769	19	(NA)	9	226	3	(NA)
30 to 49 acres	44	1 651	47	(NA)	17	657	18	(NA)
50 to 99 acres	47	3 258	33	(NA)	38	2 764	26	(NA)
100 to 199 acres	22	3 256	32	(NA)	22	3 256	32	(NA)
200 to 499 acres	18	4 713	18	(NA)	18	4 713	18	(NA)
500 to 999 acres	3	2 380	–	(NA)	3	2 380	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	137	6 430	139	6 758	74	4 461	79	5 052
Other cropland	85	2 555	85	3 103	47	1 561	50	2 275
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	31	644	(NA)	(NA)	17	370	19	1 060
Cropland on which all crops failed	23	294	(NA)	(NA)	13	139	7	175
Cropland in cultivated summer fallow	25	301	(NA)	(NA)	18	241	24	565
Cropland idle	38	1 316	(NA)	(NA)	20	811	12	475
Total woodland	177	15 655	155	13 209	93	10 446	88	9 612
Woodland pastured	69	4 021	(NA)	(NA)	38	2 606	44	4 070
Woodland not pastured	144	11 634	(NA)	(NA)	81	7 840	71	5 542
Other land	183	6 496	160	6 298	96	4 913	90	4 408
Pastureland and rangeland, other than cropland and woodland pastured	45	2 625	(NA)	(NA)	24	1 931	31	2 917
Land in house lots, ponds, roads, wasteland, etc	174	3 871	(NA)	(NA)	92	2 982	87	1 491
Pastureland, all types	164	13 076	(NA)	(NA)	85	8 998	(NA)	12 039
Irrigated land	17	311	9	212	14	302	6	205
Harvested cropland irrigated	17	(D)	(NA)	(NA)	14	302	6	205
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	23	290	(X)	(X)	19	282	(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]	230	3 466	200	2 611	125	3 367	111	2 521
Average per farm, dollars	(X)	15 067	(X)	13 055	(X)	26 936	(X)	22 712
Farms by value of agricultural products sold:[1]								
$100,000 or more	7	1 069	3	(NA)	7	1 069	3	(NA)
$40,000 to $99,999	19	1 183	18	(NA)	19	1 183	18	(NA)
$20,000 to $39,999	18	576	17	(NA)	18	576	17	(NA)
$10,000 to $19,999	20	259	17	(NA)	20	259	17	(NA)
$5,000 to $9,999	19	140	25	(NA)	19	140	25	(NA)
$2,500 to $4,999	42	139	27	(NA)	42	139	27	(NA)
Less than $2,500 (see text)	105	99	93	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	11	24	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	14	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	27	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	53	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	125	1 160	150	994	85	1 123	(NA)	945
Grains	25	149	(NA)	(NA)	18	143	35	140
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	85	327	(NA)	(NA)	56	305	56	174
Vegetables, sweet corn, and melons	10	151	(NA)	(NA)	7	151	5	36
Fruits, nuts, and berries	8	22	(NA)	(NA)	4	17	5	45
Nursery and greenhouse products	10	243	9	133	9	(D)	6	130
Other crops	13	268	(NA)	(NA)	12	(D)	16	421
Livestock, poultry, and their products	154	2 305	148	1 587	95	2 244	97	1 545
Poultry and poultry products	8	2	11	148	1	(D)	7	148
Dairy products	35	1 600	(NA)	(NA)	32	1 599	36	1 031
Cattle and calves	142	662	(NA)	(NA)	90	609	95	336
Hogs and pigs	12	6	(NA)	(NA)	7	5	10	17
Sheep, lambs, and wool	3	5	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	14	31	(NA)	(NA)	8	26	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	230	200	47 685	222	47 585	16 549	17	3 455	1 304	311
Farms with–										
1 to 9 acres	9	5	43	5	29	18	3	19	13	7
10 to 49 acres	30	25	872	26	786	362	4	110	40	25
50 to 69 acres	10	8	591	10	591	225	2	(D)	(D)	(D)
70 to 99 acres	30	25	2 456	30	2 456	804	1	(D)	(D)	(D)
100 to 139 acres	31	29	3 644	31	3 644	1 290	2	(D)	(D)	(D)
140 to 179 acres	32	24	5 053	32	5 053	1 255	–	–	–	–
180 to 219 acres	15	13	2 915	15	2 915	888	2	(D)	(D)	(D)
220 to 259 acres	10	10	2 413	10	2 413	641	–	–	–	–
260 to 499 acres	51	46	18 537	51	18 537	6 703	1	(D)	(D)	(D)
500 to 999 acres	9	12	6 286	9	6 286	2 512	1	(D)	(D)	(D)
1,000 to 1,999 acres	2	2	(D)	2	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	230	47 685	200	43 907	125	35 499	111	33 821
Harvested cropland	222	16 549	188	14 539	122	14 118	106	12 474
Tenure of operator:								
Full owners	163	25 171	136	22 782	72	15 116	62	(D)
Harvested cropland	155	6 733	(NA)	6 340	69	4 693	(NA)	4 664
Part owners	63	21 575	63	(D)	49	19 444	48	18 467
Harvested cropland	63	9 448	(NA)	8 131	49	9 057	(NA)	7 742
Tenants	4	939	1	(D)	4	939	1	(D)
Harvested cropland	4	368	(NA)	68	4	368	(NA)	68
Type of organization:								
Individual or family	206	38 110	(NA)	(NA)	107	26 679	99	27 030
Partnership	22	(D)	(NA)	(NA)	16	(D)	11	(D)
Corporation	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Operators by principal occupation:				
Farming	113	105	84	79
Other	117	94	41	31
Operators by age group:				
Under 25 years	4	1	4	–
25 to 34 years	20	16	11	7
35 to 44 years	44	32	26	19
45 to 54 years	62	61	34	35
55 to 64 years	55	49	30	28
65 years and over	45	40	20	21
Average age	52.3	53.3	50.8	53.2

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Operators by place of residence:				
On farm operated	183	170	98	94
Not on farm operated	23	11	14	5
Not reported	24	18	13	11
Operators reporting days of work off farm:				
None	77	66	54	48
1 to 49 days	14	14	7	10
50 to 99 days	13	8	6	5
100 to 149 days	7	8	6	3
150 to 199 days	15	12	8	2
200 days or more	88	68	31	24

[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	52	59	64	139	25	50	33	122
Feed for livestock and poultry	122	467	136	394	88	458	75	379
Commercially mixed formula feeds	59	168	76	261	49	167	50	256
Animal health costs	99	21	(NA)	(NA)	80	20	53	16
Seeds, bulbs, plants, and trees	154	97	113	89	122	93	80	85
Commercial fertilizer	175	253	116	173	114	245	90	166
Other agricultural chemicals including lime	129	79	74	50	103	77	59	49
Hired farm labor	46	175	68	173	41	175	39	168
Contract labor	1	(D)	6	14	1	(D)	6	14
Customwork, machine hire, and rental of machinery and equipment	31	13	63	17	23	9	40	14
Energy and petroleum products	230	276	(NA)	(NA)	145	254	(NA)	(NA)
Petroleum products	230	206	198	140	145	188	109	125
Gasoline	209	115	(NA)	(NA)	135	101	107	74
Diesel fuel	108	60	(NA)	(NA)	84	58	59	33
LP gas, butane, and propane	7	1	(NA)	(NA)	7	1	14	5
Fuel oil	19	5	(NA)	(NA)	19	5		
Natural gas	7	4	(NA)	(NA)	7	4	109	13
Kerosene, motor oil, and grease	230	22	(NA)	(NA)	145	19		
Electricity	165	70	(NA)	(NA)	121	66	(NA)	(NA)
Other—coal, wood, coke, etc.	5	(Z)	(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	169	8 361	114	7 995	90	4 892
Cropland fertilized, except pasture	169	8 221	114	7 865	(NA)	4 672
Pasture and rangeland fertilized	12	140	7	130	(NA)	220
Lime	33	652	27	602	4	219
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	42	1 906	32	1 822	(NA)	1 134
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	8	680	8	680	2	(D)
Weeds, grass, or brush in crops and pasture	84	5 018	73	4 965	(NA)	3 065
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	220	1	(D)	2	(D)
Insect control on livestock and poultry	44	(X)	27	(X)	11	(X)
Sanitation and rodent and bird control	19	(X)	6	(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	230	196	145	108
$1,000	4 609	3 355	3 979	2 652
Average per farm—dollars	20 040	17 117	27 441	24 556
Farms by value group:				
$1 to $4,999	53	50	23	13
$5,000 to $9,999	72	39	26	12
$10,000 to $19,999	30	55	30	36

	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	33	20	24	18
$30,000 to $49,999	21	22	21	19
$50,000 to $69,999	7	6	7	6
$70,000 to $99,999	8	4	8	4
$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	160	213	64	69	124	144	161	207	97
Motortrucks including pickups	172	263	44	48	148	215	161	226	77
Wheel tractors	211	432	12	18	210	414	186	389	44
Grain and bean combines, self-propelled only	16	16	6	6	10	10	13	13	1
Corn heads for combines	3	3	–	–	3	3	4	4	1
Other cornpickers and picker-shellers	51	87	7	7	44	80	26	26	8
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	105	109	22	22	83	87	61	61	18
Pickup balers	108	144	8	8	100	136	113	116	26
Field forage harvesters, shear bar or flywheel type	54	56	20	20	35	36	38	43	13

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	46	13	(X)	36	(X)	41	39
Workers	142	(X)	46	(X)	96	137	157
Farms with—							
1 worker	26	9	9	18	18	21	15
2 workers	1	1	(D)	2	(D)	1	4
3 or 4 workers	14	1	(D)	12	36	14	12
5 to 9 workers	2	–	–	2	(D)	2	5
10 workers or more	3	2	(D)	2	(D)	3	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)	171	(X)	97	(X)	97	(X)
Any cattle, hogs, or sheep	161	(X)	158	(X)	93	(X)	95	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	154	2 305	148	1 587	95	2 244	97	1 545
Any cattle, hogs, or sheep ($1,000)	145	673	142	(NA)	91	(D)	95	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	161	6 385	157	7 043	93	5 567	95	6 134
Cows and heifers that had calved	142	2 915	136	3 310	83	2 600	84	2 906
Beef cows	102	1 586	100	2 099	54	1 297	53	1 735
Milk cows	55	1 329	51	1 211	40	1 303	39	1 171
Heifers and heifer calves	139	2 197	(NA)	(NA)	85	1 934	71	1 586
Steers, steer calves, bulls and bull calves	132	1 273	(NA)	(NA)	74	1 033	83	1 642
Sales:								
Cattle and calves	142	2 204	141	1 942	90	2 005	95	1 744
($1,000)	(X)	662	(X)	(NA)	(X)	609	(X)	336
Calves	75	837	(NA)	(NA)	55	758	63	754
($1,000)	(X)	148	(X)	(NA)	(X)	136	(X)	68
Cattle	125	1 367	(NA)	(NA)	83	1 247	78	990
($1,000)	(X)	513	(X)	(NA)	(X)	474	(X)	268
Fattened cattle	19	223	(NA)	(NA)	11	205	4	80
($1,000)	(X)	103	(X)	(NA)	(X)	95	(X)	26
Dairy products ($1,000)	35	1 600	(NA)	(NA)	32	1 599	36	1 031
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	23	137	12	160	10	79	10	(D)
Used or to be used for breeding	13	41	(NA)	(NA)	7	28	4	(D)
Other hogs and pigs	21	96	(NA)	(NA)	10	51	9	119
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	13	21	8	52	7	14	6	(D)
Dec. 1 of preceding year and May 31	8	11	7	26	5	8	5	(D)
June 1 and Nov. 30	7	10	7	26	3	6	5	(D)
Sheep and lambs	3	144	1	(D)	2	(D)	1	(D)
Ewes 1 year old or older	3	83	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	42	186	42	207	18	80	17	70
Sales:								
Hogs and pigs	12	84	12	374	7	75	10	(D)
($1,000)	(X)	6	(X)	(NA)	(X)	5	(X)	17
Feeder pigs	6	38	4	90	5	(D)	3	(D)
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	2
Sheep and lambs	3	91	1	(D)	2	(D)	1	(D)
Sheep and lambs shorn	3	80	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	600	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool ($1,000)	3	5	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
($1,000)	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	11	30	8	18	6	19	3	10
($1,000)	(X)	16	(X)	(NA)	(X)	11	(X)	(D)
POULTRY								
Inventory:								
Any poultry	30	(X)	42	(X)	12	(X)	18	(X)
Chickens 3 months old or older	27	633	40	17 967	12	278	18	17 340
Hens and pullets of laying age	27	588	40	17 330	12	(D)	18	16 710
Pullets 3 months old or older	3	45	(NA)	(NA)	1	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	7	276	2	(D)	1	(D)	–	–
Turkeys	3	25	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	3	25	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	–	(X)	–	(X)
Sales:								
Any poultry	7	(X)	7	(X)	2	(X)	6	(X)
Chickens 3 months old or older	3	58	5	12 452	–	–	4	(D)
Hens and pullets of laying age	3	58	5	12 152	–	–	4	(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	3	116	4	221	1	(D)	3	(D)
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)	8	2	11	148	1	(D)	7	148

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	77	4 137	(X)	–	–	63	4 023	(X)	–	–
	1974	81	2 990	(X)	(NA)	(NA)	61	2 878	(X)	–	–
For grain or seed (bushels)	1978	50	1 929	137 248	–	–	40	1 846	133 328	–	–
	1974	49	1 357	93 959	(NA)	(NA)	36	(D)	90 159	–	–
For silage or green chop (tons, green)	1978	54	2 208	25 134	–	–	48	2 177	24 886	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	55	1 548	17 284	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sorghums for all purposes	1978	3	17	(X)	–	–	3	17	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	3	17	216	–	–	3	17	216	–	–
	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	13	62	2 003	–	–	10	53	1 623	–	–
	1974	28	209	5 994	(NA)	(NA)	21	161	4 765	–	–
Oats for grain (bushels)	1978	65	1 167	47 306	–	–	48	1 046	42 196	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	67	1 319	73 114	–	–
Barley for grain (bushels)	1978	8	54	1 660	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	23	1 100	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	42	1 194	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	14	528	104 335	2	(D)	12	(D)	(D)	2	(D)
	1974	20	545	124 470	(NA)	(NA)	17	540	123 821	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	196	10 579	19 131	–	–	106	8 458	16 617	–	–
	1974	169	9 462	16 111	(NA)	(NA)	96	7 631	13 221	–	–
Alfalfa hay (tons, dry)	1978	180	8 871	16 967	–	–	102	7 051	14 641	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	84	5 598	10 399	–	–
Other tame dry hay (tons, dry) (see text)	1978	18	559	582	–	–	11	428	473	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	10	123	(X)	3	75	7	120	(X)	3	75
	1974	7	52	(X)	(NA)	(NA)	5	(D)	(X)	2	(D)
Sweet corn	1978	6	67	(X)	3	23	5	(D)	(X)	3	23
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	22	(X)	2	(D)
Tomatoes	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	2	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Land in orchards	1978	14	66	(X)	1	(D)	4	14	(X)	–	–
	1974	8	36	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	13	50	23 210	(NA)	(NA)	3	8	20 800	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(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	3	1	320	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	9	11	(X)	6	7	5	5	(X)	4	(D)
	1974	5	16	(X)	(NA)	(NA)	4	(D)	(X)	3	15
Strawberries (pounds)	1978	6	6	25 407	5	6	4	(D)	(D)	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	10	33 985	3	10
Nursery and greenhouse products	1978	10	44	(X)	7	33	9	(D)	(X)	7	33
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	990	156 560	1 015	149 318	692	142 674	682	132 455
Average size of farm	(X)	158	(X)	147	(X)	206	(X)	194
Approximate land area	(X)	410 880	(X)	410 880	(X)	410 880	(X)	410 880
Proportion in farms — percent	(X)	38.1	(X)	36.3	(X)	34.7	(X)	32.2
Value of land and buildings:[1]								
Average per farm — dollars	187 504	(X)	116 846	(X)	241 026	(X)	147 988	(X)
Average per acre — dollars	(X)	1 238	(X)	794	(X)	1 208	(X)	762
Land in farms according to use:								
Total cropland	966	132 430	1 003	120 444	678	122 695	674	109 682
Harvested cropland	940	110 175	969	99 441	667	104 748	665	93 357
By acres harvested:								
1 to 9 acres	82	369	73	(NA)	34	143	17	(NA)
10 to 19 acres	134	1 843	174	(NA)	29	398	46	(NA)
20 to 29 acres	103	2 392	103	(NA)	41	971	49	(NA)
30 to 49 acres	163	6 091	173	(NA)	119	4 559	121	(NA)
50 to 99 acres	181	13 001	194	(NA)	167	12 198	180	(NA)
100 to 199 acres	132	18 651	130	(NA)	132	18 651	130	(NA)
200 to 499 acres	107	32 470	86	(NA)	107	32 470	86	(NA)
500 to 999 acres	27	18 725	26	(NA)	27	18 725	26	(NA)
1,000 acres or more	11	16 633	10	(NA)	11	16 633	10	(NA)
Cropland used only for pasture	261	6 920	330	7 766	166	5 202	194	5 689
Other cropland	460	15 335	423	13 237	332	12 745	292	10 636
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	125	4 220	(NA)	(NA)	99	3 622	52	1 339
Cropland on which all crops failed	65	1 128	(NA)	(NA)	41	905	26	428
Cropland in cultivated summer fallow	140	3 336	(NA)	(NA)	110	3 023	168	5 209
Cropland idle	235	6 651	(NA)	(NA)	160	5 195	112	3 660
Total woodland	496	12 717	528	13 105	361	10 696	353	9 960
Woodland pastured	86	1 203	(NA)	(NA)	57	866	69	2 011
Woodland not pastured	443	11 514	(NA)	(NA)	328	9 830	303	7 949
Other land	744	11 413	806	15 769	507	9 283	536	12 813
Pastureland and rangeland, other than cropland and woodland pastured	68	1 795	(NA)	(NA)	50	1 509	67	3 611
Land in house lots, ponds, roads, wasteland, etc	734	9 618	(NA)	(NA)	502	7 774	521	9 202
Pastureland, all types	340	9 918	(NA)	(NA)	220	7 577	(NA)	11 311
Irrigated land	30	1 293	24	594	26	1 281	17	572
Harvested cropland irrigated	30	(D)	(NA)	(NA)	26	(D)	17	572
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	173	4 515	(X)	(X)	157	4 402	(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]	990	22 504	1 015	20 371	692	22 137	682	19 942
Average per farm — dollars	(X)	22 731	(X)	20 070	(X)	31 990	(X)	29 240
Farms by value of agricultural products sold:[1]								
$100,000 or more	45	11 427	39	(NA)	45	11 427	39	(NA)
$40,000 to $99,999	80	4 718	73	(NA)	80	4 718	73	(NA)
$20,000 to $39,999	81	2 301	87	(NA)	81	2 301	87	(NA)
$10,000 to $19,999	128	1 843	123	(NA)	128	1 843	123	(NA)
$5,000 to $9,999	154	1 111	188	(NA)	154	1 111	188	(NA)
$2,500 to $4,999	204	737	148	(NA)	204	737	148	(NA)
Less than $2,500 (see text)	298	367	356	(NA)	(X)	(X)	24	(NA)
$2,000 to $2,499	58	129	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	56	99	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	71	87	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	113	53	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	1	(NA)	(X)	(X)	(X)	(X)
Crops	831	11 689	910	9 882	619	11 434	(NA)	9 558
Grains	661	8 128	(NA)	(NA)	522	7 974	561	7 187
Commodity Credit Corporation loans	51	526	(NA)	(NA)	44	525	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	237	606	(NA)	(NA)	169	537	201	656
Vegetables, sweet corn, and melons	55	(D)	(NA)	(NA)	34	(D)	26	189
Fruits, nuts, and berries	52	834	(NA)	(NA)	35	822	31	670
Nursery and greenhouse products	27	1 214	24	451	22	1 207	20	448
Other crops	5	(D)	(NA)	(NA)	5	(D)	9	407
Livestock, poultry, and their products	421	10 815	468	10 429	317	10 703	332	10 323
Poultry and poultry products	53	505	71	680	41	501	39	675
Dairy products	54	3 195	(NA)	(NA)	52	(D)	91	3 586
Cattle and calves	277	5 781	(NA)	(NA)	224	5 729	278	5 326
Hogs and pigs	85	881	(NA)	(NA)	71	870	62	359
Sheep, lambs, and wool	27	56	(NA)	(NA)	19	(D)	25	45
Other livestock and livestock products (see text)	81	398	(NA)	(NA)	49	361	27	333

[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	990	1 015	156 560	940	154 847	110 175	30	7 629	3 954	1 293
Farms with—										
1 to 9 acres	41	39	162	21	106	67	4	21	15	12
10 to 49 acres	280	258	8 434	261	8 028	4 729	7	210	41	23
50 to 69 acres	101	128	5 894	97	5 668	3 216	5	275	97	13
70 to 99 acres	148	183	12 165	144	11 834	6 997	2	(D)	(D)	(D)
100 to 139 acres	116	103	13 365	116	13 365	8 738	1	(D)	(D)	(D)
140 to 179 acres	67	88	10 548	66	10 397	6 794	2	(D)	(D)	(D)
180 to 219 acres	41	42	8 136	41	8 136	5 030	3	620	511	126
220 to 259 acres	30	36	7 202	29	6 978	5 372	–	–	–	–
260 to 499 acres	109	86	37 508	108	37 189	27 081	1	(D)	(D)	(D)
500 to 999 acres	38	34	24 989	38	24 989	18 400	3	1 758	127	577
1,000 to 1,999 acres	15	16	18 600	15	18 600	15 761	1	(D)	(D)	(D)
2,000 acres or more	4	2	9 557	4	9 557	7 990	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	990	156 560	1 015	149 318	692	142 674	682	132 455
Harvested cropland	940	110 175	969	99 441	667	104 748	665	93 357
Tenure of operator:								
Full owners	542	43 114	648	53 907	307	32 851	380	40 616
Harvested cropland	500	23 265	(NA)	27 920	284	19 356	(NA)	23 249
Part owners	371	103 082	302	87 745	327	100 446	252	84 845
Harvested cropland	367	78 997	(NA)	65 986	325	77 901	(NA)	64 958
Tenants	77	10 364	65	7 666	58	9 377	50	6 994
Harvested cropland	73	7 913	(NA)	5 535	58	7 491	(NA)	5 150
Type of organization:								
Individual or family	891	123 383	(NA)	(NA)	608	110 634	630	114 378
Partnership	91	28 173	(NA)	(NA)	76	27 036	49	15 745
Corporation	7	(D)	(NA)	(NA)	7	(D)	3	2 332
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	1	(D)	–	–

	All farms		Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974		1978	[1]1974	1978	[1]1974
Operators by principal occupation:					Operators by place of residence:				
Farming	394	445	334	382	On farm operated	797	773	570	533
Other	596	566	358	297	Not on farm operated	115	119	68	70
Operators by age group:					Not reported	78	119	54	76
Under 25 years	30	14	25	9	Operators reporting days of work off farm:				
25 to 34 years	113	87	86	51	None	334	277	263	228
35 to 44 years	178	182	106	103	1 to 49 days	43	49	29	28
45 to 54 years	261	298	180	201	50 to 99 days	22	30	17	19
55 to 64 years	228	249	168	187	100 to 149 days	18	16	15	13
65 years and over	180	181	127	128	150 to 199 days	46	44	27	27
Average age	50.8	52.0	50.7	53.0	200 days or more	490	466	311	251

[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	250	3 141	332	2 915	187	3 098	205	2 865
Feed for livestock and poultry	365	1 742	460	1 614	283	1 693	295	1 551
Commercially mixed formula feeds	142	1 122	309	982	130	1 112	227	954
Animal health costs	288	123	(NA)	(NA)	214	112	186	119
Seeds, bulbs, plants, and trees	712	1 306	673	673	548	1 267	524	649
Commercial fertilizer	766	2 642	773	2 066	575	2 546	568	2 002
Other agricultural chemicals including lime	660	922	488	509	520	889	394	499
Hired farm labor	312	1 053	285	1 002	265	1 037	226	987
Contract labor	74	227	13	7	52	218	6	4
Customwork, machine hire, and rental of machinery and equipment	327	249	340	274	229	218	240	250
Energy and petroleum products	990	1 656	(NA)	(NA)	677	1 512	(NA)	(NA)
Petroleum products	990	1 290	1 000	938	677	1 180	669	869
Gasoline	928	570	(NA)	(NA)	636	508	664	503
Diesel fuel	469	395	(NA)	(NA)	355	372	269	228
LP gas, butane, and propane	97	127	(NA)	(NA)	90	126	79	59
Fuel oil	78	64	(NA)	(NA)	59	52		
Natural gas	57	39	(NA)	(NA)	52	39	669	79
Kerosene, motor oil, and grease	990	94	(NA)	(NA)	677	83		
Electricity	678	362	(NA)	(NA)	499	330	(NA)	(NA)
Other—coal, wood, coke, etc.	19	3	(NA)	(NA)	14	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		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	766	86 281	575	82 710	568	71 027
Cropland fertilized, except pasture	766	86 110	575	82 539	(NA)	70 970
Pasture and rangeland fertilized	12	171	12	171	(NA)	57
Lime	60	2 024	55	1 974	25	923
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	230	28 841	181	28 290	(NA)	17 181
Nematodes in crops	17	2 610	13	2 570	4	157
Diseases in crops and orchards	81	5 688	68	5 616	21	967
Weeds, grass, or brush in crops and pasture	489	54 211	397	52 389	(NA)	38 765
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	39	1 784	31	1 690	7	507
Insect control on livestock and poultry	160	(X)	130	(X)	41	(X)
Sanitation and rodent and bird control	149	(X)	117	(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	990	992	677	661
$1,000	30 474	19 461	27 032	16 522
Average per farm—dollars	30 782	19 618	39 929	24 995
Farms by value group:				
$1 to $4,999	83	195	34	82
$5,000 to $9,999	318	216	123	115
$10,000 to $19,999	228	263	183	171

	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	76	111	57	93
$30,000 to $49,999	94	124	94	117
$50,000 to $69,999	66	46	66	46
$70,000 to $99,999	54		54	
$100,000 to $199,999	49	37	49	37
$200,000 or more	22		17	

	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	611	862	421	553	243	309	783	1 060	668
Motortrucks including pickups	825	1 285	423	509	553	776	801	1 132	496
Wheel tractors	950	2 374	219	306	884	2 068	931	2 169	339
Grain and bean combines, self-propelled only	317	338	81	81	242	257	256	261	65
Corn heads for combines	133	148	51	51	84	97	122	124	54
Other cornpickers and picker-shellers	337	365	38	38	301	327	324	346	49
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	306	321	86	86	226	235	239	256	61
Pickup balers	356	361	56	56	300	305	358	366	64
Field forage harvesters, shear bar or flywheel type	160	193	25	32	141	161	139	167	45

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	312	73	(X)	277	(X)	265	226
Workers	1 344	(X)	144	(X)	1 200	1 152	1 434
Farms with—							
1 worker	91	40	40	82	82	79	83
2 workers	68	16	32	58	116	68	26
3 or 4 workers	65	11	36	55	168	43	45
5 to 9 workers	51	6	36	47	260	47	42
10 workers or more	37	–	–	35	574	28	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	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	514	(X)	548	(X)	347	(X)	363	(X)
Any cattle, hogs, or sheep	384	(X)	441	(X)	276	(X)	310	(X)
Sales:								
Any livestock or poultry and their products $1,000	421	10 815	468	10 429	317	10 703	332	10 323
Any cattle, hogs, or sheep $1,000	338	6 717	394	(NA)	269	(D)	303	5 730
CATTLE AND CALVES								
Inventory:								
Cattle and calves	327	16 276	401	21 138	236	15 597	285	20 067
Cows and heifers that had calved	227	5 216	272	7 039	167	4 935	192	6 524
Beef cows	158	2 029	173	2 700	107	1 781	106	2 230
Milk cows	84	3 187	121	4 339	68	3 154	105	4 294
Heifers and heifer calves	197	3 957	(NA)	(NA)	146	3 797	175	4 443
Steers, steer calves, bulls and bull calves	265	7 103	(NA)	(NA)	193	6 865	227	9 100
Sales:								
Cattle and calves	277	11 977	349	17 908	224	11 786	278	17 574
$1,000	(X)	5 781	(X)	(NA)	(X)	5 729	(X)	5 326
Calves	103	1 433	(NA)	(NA)	86	1 363	117	1 829
$1,000	(X)	178	(X)	(NA)	(X)	167	(X)	143
Cattle	253	10 544	(NA)	(NA)	208	10 423	260	15 745
$1,000	(X)	5 602	(X)	(NA)	(X)	5 562	(X)	5 182
Fattened cattle	149	7 950	(NA)	(NA)	117	7 877	111	7 933
$1,000	(X)	4 452	(X)	(NA)	(X)	4 425	(X)	3 417
Dairy products $1,000	54	3 195	(NA)	(NA)	52	(D)	91	3 586
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	99	8 301	99	4 922	72	8 128	66	4 692
Used or to be used for breeding	67	1 104	(NA)	(NA)	49	1 032	37	541
Other hogs and pigs	92	7 197	(NA)	(NA)	70	7 096	63	4 151
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	68	1 425	53	872	51	1 383	39	842
Dec. 1 of preceding year and May 31	50	657	38	426	39	639	27	407
June 1 and Nov. 30	59	768	37	446	45	744	29	435
Sheep and lambs	29	1 505	38	2 353	20	1 111	25	1 904
Ewes 1 year old or older	28	988	(NA)	(NA)	20	760	25	1 072
Goats	2	(D)	(NA)	(NA)	–	–	1	(D)
Horses and ponies	188	900	201	954	102	506	109	592
Sales:								
Hogs and pigs	85	11 916	84	6 748	71	11 688	62	6 515
$1,000	(X)	881	(X)	(NA)	(X)	870	(X)	359
Feeder pigs	27	2 645	22	1 801	23	2 480	14	1 705
$1,000	(X)	103	(X)	(NA)	(X)	98	(X)	32
Sheep and lambs	27	862	35	1 695	19	681	25	1 398
Sheep and lambs shorn	26	1 192	(NA)	(NA)	18	971	23	1 509
Pounds of wool	(X)	10 867	(X)	(NA)	(X)	9 090	(X)	11 715
Sheep, lambs, and wool $1,000	27	56	(NA)	(NA)	19	(D)	25	45
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	56	190	49	161	32	101	22	113
$1,000	(X)	353	(X)	(NA)	(X)	326	(X)	270
POULTRY								
Inventory:								
Any poultry	127	(X)	160	(X)	80	(X)	83	(X)
Chickens 3 months old or older	109	64 173	152	79 977	63	62 818	81	77 287
Hens and pullets of laying age	104	63 294	146	79 404	61	62 305	78	(D)
Pullets 3 months old or older	21	879	(NA)	(NA)	10	513	1	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Broilers and other meat-type chickens	19	905	25	1 767	13	497	9	970
Turkeys	9	240	(NA)	(NA)	5	21	2	(D)
Turkeys for slaughter	6	(D)	(NA)	(NA)	3	(D)	1	(D)
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Other poultry	38	(X)	(NA)	(X)	26	(X)	13	(X)
Sales:								
Any poultry	39	(X)	39	(X)	30	(X)	23	(X)
Chickens 3 months old or older	17	47 933	31	52 986	16	(D)	22	52 307
Hens and pullets of laying age	17	(D)	28	52 876	16	(D)	21	52 242
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	8	736	7	550	5	379	–	–
Turkeys	3	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	10	(X)	(NA)	(X)	9	(X)	5	(X)
Poultry and poultry products $1,000	53	505	71	680	41	501	39	675

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	507	46 214	(X)	1	(D)	410	45 147	(X)	1	(D)
	1974	535	42 871	(X)	(NA)	(NA)	421	41 439	(X)	1	(D)
For grain or seed (bushels)	1978	484	37 873	2 385 011	1	(D)	391	36 868	2 335 672	1	(D)
	1974	486	32 803	1 874 145	(NA)	(NA)	380	31 508	1 819 307	–	–
For silage or green chop (tons, green)	1978	123	8 341	90 531	–	–	116	8 279	89 906	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	160	9 253	117 957	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	678	(X)	–	–
Sorghums for all purposes	1978	8	180	(X)	–	–	8	180	(X)	–	–
	1974	14	365	(X)	(NA)	(NA)	14	365	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	5	86	3 834	(NA)	(NA)	5	86	3 834	–	–
For silage or green chop (tons, green)	1978	8	180	2 290	–	–	8	180	2 290	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	(D)	2 660	–	–
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)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	241	7 201	300 280	–	–	212	6 919	291 114	–	–
	1974	554	16 751	648 146	(NA)	(NA)	441	15 473	605 118	–	–
Oats for grain (bushels)	1978	351	8 916	562 968	–	–	292	8 419	537 389	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	219	4 293	236 291	–	–
Barley for grain (bushels)	1978	4	82	2 870	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	50	2 540	–	–
Rye for grain (bushels)	1978	6	114	1 885	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	115	4 249	–	–
Other small grains for grain	1978	4	28	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	41	(X)	–	–
Soybeans for beans (bushels)	1978	401	27 068	531 710	1	(D)	336	26 042	517 863	1	(D)
	1974	329	15 166	326 323	(NA)	(NA)	282	14 633	315 372	–	–
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	(D)	(D)	2	(D)	4	(D)	(D)	2	(D)
	1974	17	607	120 435	(NA)	(NA)	10	606	120 283	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	477	18 214	40 059	–	–	326	15 871	36 371	–	–
	1974	480	16 884	36 892	(NA)	(NA)	326	14 506	33 396	–	–
Alfalfa hay (tons, dry)	1978	408	13 613	33 021	–	–	288	11 875	30 078	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	273	10 253	25 879	–	–
Other tame dry hay (tons, dry) (see text)	1978	80	1 593	2 908	–	–	56	1 326	2 448	–	–
Field seed crops	1978	24	426	(X)	–	–	22	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	362	(X)	–	–
Alfalfa seed (pounds)	1978	6	54	3 640	–	–	6	54	3 640	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	36	1 498	–	–
Red clover seed (pounds)	1978	20	372	30 225	–	–	18	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	286	36 840	–	–
All vegetables harvested for sale (see text)	1978	55	635	(X)	8	21	34	593	(X)	7	(D)
	1974	44	484	(X)	(NA)	(NA)	26	421	(X)	3	22
Sweet corn	1978	45	444	(X)	4	6	26	407	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	256	(X)	1	(D)
Tomatoes	1978	20	39	(X)	5	3	16	38	(X)	5	3
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	50	(X)	3	5
Green peas excluding cowpeas	1978	4	2	(X)	2	(D)	3	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	3	(X)	–	–
Land in orchards	1978	48	868	(X)	3	25	25	650	(X)	1	(D)
	1974	53	864	(X)	(NA)	(NA)	28	797	(X)	2	(D)
Apples (pounds)	1978	44	771	3 493 347	(NA)	(NA)	22	590	3 426 262	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	620	4 596 692	(NA)	(NA)
Peaches (pounds)	1978	13	13	(D)	(NA)	(NA)	5	7	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	36	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	12	11	32 114	(NA)	(NA)	7	8	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	29	210	(X)	16	176	20	204	(X)	15	(D)
	1974	12	128	(X)	(NA)	(NA)	7	121	(X)	6	106
Strawberries (pounds)	1978	19	120	396 576	11	111	13	116	380 276	10	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	66	297 000	4	66
Nursery and greenhouse products	1978	27	332	(X)	7	195	22	331	(X)	7	195
Other crops	1978	13	590	(X)	(NA)	(NA)	11	(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	419	74 712	434	76 461	272	60 918	265	60 132
Average size of farm	(X)	178	(X)	176	(X)	224	(X)	227
Approximate land area	(X)	321 920	(X)	321 920	(X)	321 920	(X)	321 920
Proportion in farms, percent	(X)	23.2	(X)	23.8	(X)	18.9	(X)	18.7
Value of land and buildings:[1]								
Average per farm, dollars	111 085	(X)	58 615	(X)	142 479	(X)	73 211	(X)
Average per acre, dollars	(X)	645	(X)	333	(X)	650	(X)	323
Land in farms according to use:								
Total cropland	414	50 537	430	52 211	271	43 405	264	43 796
Harvested cropland	401	34 858	414	34 818	266	31 245	258	30 075
By acres harvested:								
1 to 9 acres	22	102	12	(NA)	3	17	3	(NA)
10 to 19 acres	49	686	33	(NA)	13	181	6	(NA)
20 to 29 acres	42	992	57	(NA)	15	361	13	(NA)
30 to 49 acres	80	3 006	89	(NA)	47	1 846	42	(NA)
50 to 99 acres	103	6 907	132	(NA)	83	5 675	103	(NA)
100 to 199 acres	68	9 311	62	(NA)	68	9 311	62	(NA)
200 to 499 acres	31	9 372	20	(NA)	31	9 372	20	(NA)
500 to 999 acres	5	(D)	9	(NA)	5	(D)	9	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	222	9 746	274	13 777	145	7 419	179	10 892
Other cropland	190	5 933	146	3 616	137	4 741	103	2 829
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	52	1 310	(NA)	(NA)	40	970	23	476
Cropland on which all crops failed	30	671	(NA)	(NA)	22	572	16	316
Cropland in cultivated summer fallow	72	1 477	(NA)	(NA)	54	1 230	52	1 458
Cropland idle	99	2 475	(NA)	(NA)	67	1 969	22	579
Total woodland	285	17 297	274	16 575	181	12 032	172	10 815
Woodland pastured	147	8 433	(NA)	(NA)	97	5 831	107	5 730
Woodland not pastured	182	8 864	(NA)	(NA)	113	6 201	101	5 085
Other land	327	6 878	310	7 675	219	5 481	200	5 521
Pastureland and rangeland, other than cropland and woodland pastured	64	3 195	(NA)	(NA)	46	2 870	49	2 643
Land in house lots, ponds, roads, wasteland, etc	318	3 683	(NA)	(NA)	212	2 611	186	2 878
Pastureland, all types	286	21 374	(NA)	(NA)	191	16 120	(NA)	19 265
Irrigated land	1	(D)	–	–	1	(D)	–	–
Harvested cropland irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	110	1 507	(X)	(X)	96	1 442	(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]	419	5 823	434	4 890	272	5 648	265	4 674
Average per farm, dollars	(X)	13 897	(X)	11 267	(X)	20 764	(X)	17 638
Farms by value of agricultural products sold:[1]								
$100,000 or more	9	1 410	4	(NA)	9	1 410	4	(NA)
$40,000 to $99,999	28	1 745	26	(NA)	28	1 745	26	(NA)
$20,000 to $39,999	34	937	34	(NA)	34	937	34	(NA)
$10,000 to $19,999	54	780	47	(NA)	54	780	47	(NA)
$5,000 to $9,999	77	526	86	(NA)	77	526	86	(NA)
$2,500 to $4,999	70	249	67	(NA)	70	249	67	(NA)
Less than $2,500 (see text)	147	175	170	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	23	51	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	27	47	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	39	49	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	27	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	270	2 253	321	(D)	200	2 176	(NA)	(D)
Grains	190	1 643	(NA)	(NA)	156	1 614	171	1 444
Commodity Credit Corporation loans	19	75	(NA)	(NA)	16	74	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	158	453	(NA)	(NA)	111	408	110	235
Vegetables, sweet corn, and melons	4	3	(NA)	(NA)	2	(D)	4	16
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	2	(D)	1	(D)	2	(D)
Other crops	7	139	(NA)	(NA)	6	(D)	6	131
Livestock, poultry, and their products	297	3 570	320	2 922	213	3 472	224	(D)
Poultry and poultry products	20	20	20	25	15	17	9	23
Dairy products	51	1 739	(NA)	(NA)	51	1 739	77	1 645
Cattle and calves	254	1 443	(NA)	(NA)	190	1 368	204	930
Hogs and pigs	64	258	(NA)	(NA)	50	250	36	185
Sheep, lambs, and wool	25	26	(NA)	(NA)	17	21	16	24
Other livestock and livestock products (see text)	26	84	(NA)	(NA)	16	77	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	419	434	74 712	401	73 164	34 858	1	(D)	(D)	(D)
Farms with—										
1 to 9 acres	4	1	9	–	–	–	–	–	–	–
10 to 49 acres	54	56	1 871	50	1 773	916	–	–	–	–
50 to 69 acres	18	13	1 037	18	1 037	499	–	–	–	–
70 to 99 acres	73	90	6 009	69	5 672	2 645	–	–	–	–
100 to 139 acres	74	60	8 660	70	8 198	3 451	1	(D)	(D)	(D)
140 to 179 acres	67	67	10 568	67	10 568	3 813	–	–	–	–
180 to 219 acres	33	34	6 417	33	6 417	2 961	–	–	–	–
220 to 259 acres	10	31	2 372	10	2 372	1 142	–	–	–	–
260 to 499 acres	65	69	22 447	63	21 805	9 942	–	–	–	–
500 to 999 acres	19	10	(D)	19	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	2	3	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	419	74 712	434	76 461	272	60 918	265	60 132
Harvested cropland	401	34 858	414	34 818	266	31 245	258	30 075
Tenure of operator:								
Full owners	276	35 225	309	40 757	151	(D)	158	(D)
Harvested cropland	259	14 020	(NA)	15 457	145	(D)	(NA)	11 259
Part owners	134	38 189	121	35 308	113	35 682	105	33 785
Harvested cropland	133	19 997	(NA)	19 292	113	19 290	(NA)	18 757
Tenants	9	1 298	4	396	8	(D)	2	(D)
Harvested cropland	9	841	(NA)	69	8	(D)	(NA)	59
Type of organization:								
Individual or family	396	66 703	(NA)	(NA)	252	53 169	246	53 902
Partnership	22	(D)	(NA)	(NA)	19	(D)	19	6 230
Corporation	1	(D)	(NA)	(NA)	1	(D)	–	–
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	176	218	150	169
Other	243	216	122	96
Operators by age group:				
Under 25 years	1	6	–	5
25 to 34 years	55	48	36	19
35 to 44 years	96	58	61	32
45 to 54 years	110	99	71	54
55 to 64 years	93	138	65	97
65 years and over	64	85	39	58
Average age	50.2	52.9	50.3	54.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	347	354	234	224
Not on farm operated	29	37	13	16
Not reported	43	43	25	25
Operators reporting days of work off farm:				
None	126	114	89	78
1 to 49 days	23	21	19	18
50 to 99 days	7	10	7	3
100 to 149 days	14	24	11	14
150 to 199 days	19	36	9	22
200 days or more	208	155	119	73

[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	139	391	176	479	100	383	122	421
Feed for livestock and poultry	236	591	275	462	168	552	185	425
Commercially mixed formula feeds	84	285	174	238	67	272	118	220
Animal health costs	172	42	(NA)	(NA)	115	38	135	30
Seeds, bulbs, plants, and trees	296	331	292	185	222	323	215	175
Commercial fertilizer	329	647	299	476	250	623	206	453
Other agricultural chemicals including lime	253	211	150	80	207	207	122	78
Hired farm labor	167	232	130	109	133	228	97	105
Contract labor	3	7	8	5	3	7	7	(D)
Customwork, machine hire, and rental of machinery and equipment	240	143	158	75	185	135	126	70
Energy and petroleum products	408	468	(NA)	(NA)	277	431	(NA)	(NA)
Petroleum products	408	377	415	318	277	348	255	279
Gasoline	366	194	(NA)	(NA)	265	177	243	178
Diesel fuel	193	111	(NA)	(NA)	158	105	109	65
LP gas, butane, and propane	44	23	(NA)	(NA)	33	23	8	7
Fuel oil	37	12	(NA)	(NA)	32	12	255	28
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	408	37	(NA)	(NA)	277	31		
Electricity	238	91	(NA)	(NA)	182	84	(NA)	(NA)
Other—coal, wood, coke, etc.	5	(Z)	(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	323	27 278	250	26 179	206	16 643
Cropland fertilized, except pasture	323	27 176	250	(D)	(NA)	16 538
Pasture and rangeland fertilized	7	102	2	(D)	(NA)	105
Lime	28	522	16	342	7	277
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	85	6 601	80	6 541	(NA)	2 742
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	11	2 060	11	2 060	2	(D)
Weeds, grass, or brush in crops and pasture	194	15 605	159	15 166	(NA)	6 936
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	800	5	800	–	–
Insect control on livestock and poultry	81	(X)	70	(X)	17	(X)
Sanitation and rodent and bird control	58	(X)	46	(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	414	417	277	258
$1,000	9 009	6 577	8 135	5 337
Average per farm—dollars	21 760	15 772	29 369	20 686
Farms by value group:				
$1 to $4,999	68	102	33	39
$5,000 to $9,999	116	93	31	39
$10,000 to $19,999	118	110	106	77
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	30	58	25	49
$30,000 to $49,999	31	36	31	36
$50,000 to $69,999	16	9	16	9
$70,000 to $99,999	18		18	
$100,000 to $199,999	16	9	16	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	322	450	182	208	187	242	320	397	244
Motortrucks including pickups	321	408	150	163	196	245	325	383	185
Wheel tractors	375	806	63	90	367	716	374	765	112
Grain and bean combines, self-propelled only	104	104	24	24	80	80	58	64	9
Corn heads for combines	55	55	23	23	32	32	18	18	11
Other cornpickers and picker-shellers	157	157	15	15	142	142	134	135	12
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	143	148	49	49	94	99	130	132	39
Pickup balers	198	199	26	26	173	173	208	212	28
Field forage harvesters, shear bar or flywheel type	88	103	14	14	77	89	69	71	12

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

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	167	24	(X)	153	(X)	133	97
Workers	431	(X)	30	(X)	401	325	330
Farms with—							
1 worker	84	19	19	77	77	67	49
2 workers	19	4	(D)	18	36	13	15
3 or 4 workers	28	1	(D)	22	72	28	9
5 to 9 workers	36	–	–	36	216	25	16
10 workers or more	–	–	–	–	–	–	8

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	318	(X)	333	(X)	216	(X)	224	(X)
Any cattle, hogs, or sheep	294	(X)	324	(X)	207	(X)	219	(X)
Sales:								
Any livestock or poultry and their products $1,000	297	3 570	320	2 922	213	3 472	224	2 821
Any cattle, hogs, or sheep $1,000	284	1 727	312	(NA)	210	1 639	220	1 139
CATTLE AND CALVES								
Inventory:								
Cattle and calves	267	9 250	308	13 746	190	8 223	204	11 648
Cows and heifers that had calved	228	4 135	251	5 087	164	3 683	174	4 346
Beef cows	175	2 385	176	2 828	119	1 961	110	2 186
Milk cows	71	1 750	105	2 259	57	1 722	83	2 160
Heifers and heifer calves	221	2 691	(NA)	(NA)	167	2 395	152	2 480
Steers, steer calves, bulls and bull calves	236	2 424	(NA)	(NA)	166	2 145	189	4 822
Sales:								
Cattle and calves	254	4 228	293	4 440	190	3 908	204	3 922
$1,000	(X)	1 443	(X)	(NA)	(X)	1 368	(X)	930
Calves	123	1 264	(NA)	(NA)	91	1 108	63	699
$1,000	(X)	175	(X)	(NA)	(X)	152	(X)	53
Cattle	230	2 964	(NA)	(NA)	178	2 800	190	3 223
$1,000	(X)	1 268	(X)	(NA)	(X)	1 216	(X)	877
Fattened cattle	66	904	(NA)	(NA)	43	848	55	906
$1,000	(X)	453	(X)	(NA)	(X)	434	(X)	334
Dairy products	51	1 739	(NA)	(NA)	51	1 739	77	1 645
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	62	1 888	56	2 484	43	1 737	39	2 406
Used or to be used for breeding	40	339	(NA)	(NA)	29	302	26	207
Other hogs and pigs	55	1 549	(NA)	(NA)	39	1 435	38	2 199
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	47	333	31	331	34	299	26	318
Dec. 1 of preceding year and May 31	34	168	17	176	28	155	14	170
June 1 and Nov. 30	36	165	25	155	26	144	20	148
Sheep and lambs	30	864	22	1 427	21	694	16	1 252
Ewes 1 year old or older	22	485	(NA)	(NA)	14	370	16	687
Goats	3	12	(NA)	(NA)	2	(D)	–	–
Horses and ponies	68	242	64	304	38	126	38	220
Sales:								
Hogs and pigs	64	3 334	46	2 969	50	3 113	36	2 906
$1,000	(X)	258	(X)	(NA)	(X)	250	(X)	185
Feeder pigs	25	1 050	16	343	19	939	11	314
$1,000	(X)	34	(X)	(NA)	(X)	30	(X)	7
Sheep and lambs	23	431	20	878	17	335	16	755
Sheep and lambs shorn	21	504	(NA)	(NA)	13	398	15	713
Pounds of wool	(X)	4 019	(X)	(NA)	(X)	3 120	(X)	6 099
Sheep, lambs, and wool $1,000	25	26	(NA)	(NA)	17	21	16	24
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	14	34	11	42	6	18	8	37
$1,000	(X)	22	(X)	(NA)	(X)	16	(X)	14
POULTRY								
Inventory:								
Any poultry	80	(X)	63	(X)	47	(X)	35	(X)
Chickens 3 months old or older	76	2 951	63	4 680	46	1 970	35	3 246
Hens and pullets of laying age	76	2 679	53	3 869	46	1 916	31	3 049
Pullets 3 months old or older	9	272	(NA)	(NA)	4	54	–	–
Pullet chicks and pullets under 3 months old	5	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	9	431	7	148	2	(D)	2	(D)
Turkeys	5	34	(NA)	(NA)	1	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	1	(D)	2	(D)
Other poultry	17	(X)	(NA)	(X)	7	(X)	5	(X)
Sales:								
Any poultry	20	(X)	11	(X)	15	(X)	6	(X)
Chickens 3 months old or older	13	464	9	1 781	10	(D)	4	1 281
Hens and pullets of laying age	11	(D)	8	1 311	10	(D)	4	1 205
Pullets 3 months old or older	2	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	5	(D)	3	(D)	5	(D)	2	(D)
Turkeys	–	–	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	2	(X)	1	(X)
Poultry and poultry products $1,000	20	20	20	25	15	17	9	23

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	240	12 227	(X)	–	–	199	11 839	(X)	–	–
	1974	267	11 299	(X)	(NA)	(NA)	203	10 541	(X)	–	–
For grain or seed (bushels)	1978	217	9 985	660 421	–	–	181	9 656	642 663	–	–
	1974	234	9 077	530 502	(NA)	(NA)	181	8 447	501 530	–	–
For silage or green chop (tons, green)	1978	91	2 242	23 198	–	–	85	2 183	22 598	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	104	2 075	22 590	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	19	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	10	110	(X)	(NA)	(NA)	4	46	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	350	–	–
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)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	55	1 172	45 854	–	–	46	1 101	44 279	–	–
	1974	149	3 398	123 395	(NA)	(NA)	117	3 149	115 023	–	–
Oats for grain (bushels)	1978	153	3 131	167 503	–	–	127	2 867	156 460	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	126	2 531	117 720	–	–
Barley for grain (bushels)	1978	3	40	1 730	–	–	3	40	1 730	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	72	925	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	45	(X)	–	–
Soybeans for beans (bushels)	1978	41	1 417	33 902	–	–	36	1 347	32 964	–	–
	1974	20	596	13 612	(NA)	(NA)	20	596	13 612	–	–
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)	–	–	1	(D)	(D)	–	–
	1974	8	2	252	(NA)	(NA)	3	1	37	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	349	15 081	27 837	1	(D)	224	12 236	24 213	1	(D)
	1974	343	14 584	28 148	(NA)	(NA)	216	11 207	23 030	–	–
Alfalfa hay (tons, dry)	1978	289	11 220	22 693	1	(D)	191	9 003	19 653	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	145	6 579	14 751	–	–
Other tame dry hay (tons, dry) (see text)	1978	59	1 842	2 612	–	–	39	1 484	2 282	–	–
Field seed crops	1978	10	218	(X)	–	–	8	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	113	(X)	–	–
Alfalfa seed (pounds)	1978	9	162	12 333	–	–	8	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	30	984	–	–
Red clover seed (pounds)	1978	3	56	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	83	5 000	–	–
All vegetables harvested for sale (see text)	1978	4	5	(X)	–	–	2	(D)	(X)	–	–
	1974	5	(D)	(X)	(NA)	(NA)	4	(D)	(X)	–	–
Sweet corn	1978	3	3	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	–	–
Tomatoes	1978	3	1	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	4	6	(X)	–	–	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	4	(D)	1 190	(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)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	1	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
Other crops	1978	20	2 035	(X)	(NA)	(NA)	20	2 035	(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	72	10 557	59	8 743	30	6 478	26	5 775
Average size of farm	(X)	147	(X)	148	(X)	216	(X)	222
Approximate land area	(X)	708 480	(X)	708 480	(X)	708 480	(X)	708 480
Proportion in farms — percent	(X)	1.5	(X)	1.2	(X)	0.9	(X)	0.8
Value of land and buildings:[1]								
Average per farm — dollars	53 453	(X)	32 695	(X)	68 259	(X)	48 500	(X)
Average per acre — dollars	(X)	365	(X)	221	(X)	316	(X)	218
Land in farms according to use:								
Total cropland	69	5 010	57	4 964	28	2 843	25	3 373
Harvested cropland	65	3 307	57	2 801	25	2 023	25	2 000
By acres harvested:								
1 to 9 acres	7	26	5	(NA)	1	(D)	1	(NA)
10 to 19 acres	11	157	12	(NA)	1	(D)	3	(NA)
20 to 29 acres	9	203	9	(NA)	1	(D)	–	(NA)
30 to 49 acres	16	603	7	(NA)	7	290	2	(NA)
50 to 99 acres	12	891	20	(NA)	9	683	15	(NA)
100 to 199 acres	9	(D)	2	(NA)	5	767	2	(NA)
200 to 499 acres	1	(D)	2	(NA)	1	(D)	2	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	44	1 349	41	1 853	19	(D)	18	1 093
Other cropland	22	354	7	310	9	(D)	4	280
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Cropland on which all crops failed	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Cropland in cultivated summer fallow	2	(D)	(NA)	(NA)	–	–	–	–
Cropland idle	15	305	(NA)	(NA)	5	122	1	(D)
Total woodland	49	2 967	47	2 653	26	1 662	20	1 638
Woodland pastured	20	(D)	(NA)	(NA)	13	606	12	622
Woodland not pastured	38	(D)	(NA)	(NA)	16	1 056	12	1 016
Other land	54	2 580	47	1 126	26	1 973	22	764
Pastureland and rangeland, other than cropland and woodland pastured	21	1 964	(NA)	(NA)	10	1 677	11	393
Land in house lots, ponds, roads, wasteland, etc	48	616	(NA)	(NA)	23	296	19	371
Pastureland, all types	62	4 074	(NA)	(NA)	25	2 961	(NA)	2 108
Irrigated land	–	–	–	–	–	–	–	–
Harvested cropland irrigated	–	–	(NA)	(NA)	–	–	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
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]	72	751	59	427	30	706	26	393
Average per farm — dollars	(X)	10 434	(X)	7 237	(X)	23 526	(X)	15 115
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	–	(NA)	2	(D)	–	(NA)
$40,000 to $99,999	–	–	1	(NA)	–	–	1	(NA)
$20,000 to $39,999	8	(D)	5	(NA)	8	(D)	5	(NA)
$10,000 to $19,999	4	54	14	(NA)	4	54	14	(NA)
$5,000 to $9,999	4	27	2	(NA)	4	27	2	(NA)
$2,500 to $4,999	12	42	4	(NA)	12	42	4	(NA)
Less than $2,500 (see text)	42	45	33	(NA)	(X)	(X)	.	(NA)
$2,000 to $2,499	6	13	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	6	10	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	12	14	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	18	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	36	59	32	(D)	17	43	(NA)	(D)
Grains	4	2	(NA)	(NA)	4	2	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	29	49	(NA)	(NA)	13	36	10	28
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	.	.	.	.
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	–	–	.	.
Nursery and greenhouse products	2	(D)	1	(D)	1	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Livestock, poultry, and their products	54	693	45	(D)	27	663	24	(D)
Poultry and poultry products	3	(D)	2	(Z)	1	(D)	1	(D)
Dairy products	12	182	(NA)	(NA)	11	(D)	17	227
Cattle and calves	46	146	(NA)	(NA)	24	122	23	72
Hogs and pigs	4	(D)	(NA)	(NA)	2	(D)	–	.
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	–	.
Other livestock and livestock products (see text)	10	362	(NA)	(NA)	4	358	1	(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	72	59	10 557	65	10 087	3 307	–	–	–	–
Farms with—										
1 to 9 acres	–	1	–	–	–	–	–	–	–	–
10 to 49 acres	13	9	408	9	291	88	–	–	–	–
50 to 69 acres	8	7	467	8	467	141	–	–	–	–
70 to 99 acres	10	8	840	9	760	307	–	–	–	–
100 to 139 acres	12	6	1 367	11	1 267	479	–	–	–	–
140 to 179 acres	10	9	1 562	9	1 389	471	–	–	–	–
180 to 219 acres	8	6	1 544	8	1 544	511	–	–	–	–
220 to 259 acres	2	7	(D)	2	(D)	(D)	–	–	–	–
260 to 499 acres	8	5	2 506	8	2 506	798	–	–	–	–
500 to 999 acres	–	1	–	–	–	–	–	–	–	–
1,000 to 1,999 acres	1	–	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	72	10 557	59	8 743	30	6 478	26	5 775
Harvested cropland	65	3 307	57	2 801	25	2 023	25	2 000
Tenure of operator:								
Full owners	42	(D)	32	(D)	14	(D)	8	(D)
Harvested cropland	37	1 166	(NA)	833	11	561	(NA)	354
Part owners	29	5 987	26	5 273	15	4 157	17	4 288
Harvested cropland	28	2 141	(NA)	1 935	14	1 462	(NA)	1 43
Tenants	1	(D)	1	(D)	1	(D)	1	(D)
Harvested cropland	–	–	(NA)	33	–	–	(NA)	33
Type of organization:								
Individual or family	65	9 641	(NA)	(NA)	24	(D)	24	(D)
Partnership	7	916	(NA)	(NA)	6	(D)	2	(D)
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	30	31	18	21
Other	42	28	12	5
Operators by age group:				
Under 25 years	2	–	1	–
25 to 34 years	6	8	3	3
35 to 44 years	19	8	3	1
45 to 54 years	10	17	4	9
55 to 64 years	21	19	13	10
65 years and over	14	7	6	3
Average age	52.1	51.5	55.2	53.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	58	48	27	20
Not on farm operated	4	–	1	–
Not reported	10	11	2	6
Operators reporting days of work off farm:				
None	21	18	13	14
1 to 49 days	7	6	4	4
50 to 99 days	2	1	1	–
100 to 149 days	3	2	1	1
150 to 199 days	12	2	3	1
200 days or more	27	26	8	3

[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	21	75	20	12	10	72	5	8
Feed for livestock and poultry	60	221	46	111	28	213	21	103
Commercially mixed formula feeds	23	44	34	90	15	42	19	87
Animal health costs	52	14	(NA)	(NA)	23	11	19	5
Seeds, bulbs, plants, and trees	31	8	27	8	13	6	18	7
Commercial fertilizer	32	17	33	12	18	15	16	10
Other agricultural chemicals including lime	23	7	16	1	12	5	12	1
Hired farm labor	28	112	15	8	16	108	11	8
Contract labor	3	1	1	(D)	1	(D)	1	(D)
Customwork, machine hire, and rental of machinery and equipment	25	4	22	6	13	2	16	5
Energy and petroleum products	72	61	(NA)	(NA)	30	40	(NA)	(NA)
Petroleum products	72	39	57	24	30	25	24	16
Gasoline	71	30	(NA)	(NA)	30	19	24	13
Diesel fuel	10	2	(NA)	(NA)	8	(D)	9	(D)
LP gas, butane, and propane	4	2	(NA)	(NA)	2	(D)	2	(D)
Fuel oil	11	2	(NA)	(NA)	5	1		
Natural gas	–	–	(NA)	(NA)	–	–	24	2
Kerosene, motor oil, and grease	72	4	(NA)	(NA)	30	2		
Electricity	59	20	(NA)	(NA)	25	14	(NA)	(NA)
Other—coal, wood, coke, etc.	8	2	(NA)	(NA)	3	1	(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	31	658	18	516	16	282
Cropland fertilized, except pasture	31	580	18	461	(NA)	257
Pasture and rangeland fertilized	6	78	3	55	(NA)	25
Lime	13	191	8	155	1	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	1	(D)	–	–	(NA)	22
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	1	(D)	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	20	234	11	190	(NA)	42
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	6	(X)	5	(X)	5	(X)
Sanitation and rodent and bird control	2	(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	72	57	30	24
$1,000	888	758	560	438
Average per farm—dollars	12 340	13 298	18 664	18 250
Farms by value group:				
$1 to $4,999	10	9	1	3
$5,000 to $9,999	31	17	8	5
$10,000 to $19,999	23	19	14	6
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	4	7	3	5
$30,000 to $49,999	2	5	2	5
$50,000 to $69,999	1	–	1	–
$70,000 to $99,999	1	–	1	–
$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	48	62	24	25	31	37	47	56	27
Motortrucks including pickups	61	70	27	27	38	43	48	58	14
Wheel tractors	65	124	6	8	61	116	56	116	7
Grain and bean combines, self-propelled only	7	7	1	(D)	6	(D)	2	(D)	–
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	20	21	7	7	13	14	18	20	3
Pickup balers	37	38	7	8	30	30	28	28	4
Field forage harvesters, shear bar or flywheel type	9	10	3	3	6	7	8	9	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	Farms	Workers	Farms	Workers	1978	1974
Farms	28	5	(X)	28	(X)	16	11
Workers	98	(X)	17	(X)	81	71	61
Farms with—							
1 worker	5	2	(D)	6	6	2	3
2 workers	9	1	(D)	9	18	2	–
3 or 4 workers	6	1	(D)	7	23	6	3
5 to 9 workers	6	–	–	6	34	4	3
10 workers or more	2	1	(D)	–	–	2	2

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	64	(X)	50	(X)	27	(X)	25	(X)
Any cattle, hogs, or sheep	56	(X)	48	(X)	22	(X)	23	(X)
Sales:								
Any livestock or poultry and their products $1,000	54	693	45	(D)	27	663	24	(D)
Any cattle, hogs, or sheep $1,000	46	(D)	42	(NA)	24	(D)	23	72
CATTLE AND CALVES								
Inventory:								
Cattle and calves	56	1 248	48	1 263	22	787	23	923
Cows and heifers that had calved	53	594	46	714	20	428	23	539
Beef cows	43	419	32	354	13	262	11	200
Milk cows	16	175	33	360	9	166	20	339
Heifers and heifer calves	42	414	(NA)	(NA)	18	252	20	237
Steers, steer calves, bulls and bull calves	48	240	(NA)	(NA)	18	107	19	147
Sales:								
Cattle and calves	46	547	40	565	24	431	23	461
$1,000	(X)	146	(X)	(NA)	(X)	122	(X)	72
Calves	29	(D)	(NA)	(NA)	15	170	19	165
$1,000	(X)	40	(X)	(NA)	(X)	32	(X)	8
Cattle	40	(D)	(NA)	(NA)	23	261	22	296
$1,000	(X)	106	(X)	(NA)	(X)	90	(X)	63
Fattened cattle	4	8	(NA)	(NA)	–	–	–	–
$1,000	(X)	4	(X)	(NA)	(X)	–	(X)	–
Dairy products $1,000	12	182	(NA)	(NA)	11	(D)	17	227
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	4	27	2	(D)	2	(D)	–	–
Used or to be used for breeding	2	(D)	(NA)	(NA)	1	(D)	–	–
Other hogs and pigs	3	(D)	(NA)	(NA)	2	(D)	–	–
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	2	(D)	2	(D)	1	(D)	–	–
Dec. 1 of preceding year and May 31	1	(D)	2	(D)	1	(D)	–	–
June 1 and Nov. 30	2	(D)	2	(D)	1	(D)	–	–
Sheep and lambs	–	–	1	(D)	–	–	1	(D)
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	13	34	15	42	5	14	7	16
Sales:								
Hogs and pigs	4	32	2	(D)	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Feeder pigs	1	(D)	2	(D)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	–	–	–	–	–	–	–	–
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	–	–	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	6	1	(D)	1	(D)	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	10	(X)	10	(X)	1	(X)	1	(X)
Chickens 3 months old or older	7	266	10	105	1	(D)	1	(D)
Hens and pullets of laying age	7	266	9	83	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	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	–	(X)	–	(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	3	(D)	2	(Z)	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	5	78	(X)	-	-	5	78	(X)	-	-
	1974	7	48	(X)	(NA)	(NA)	7	48	(X)	-	-
For grain or seed (bushels)	1978	1	(D)	(D)	-	-	1	(D)	(D)	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
For silage or green chop (tons, green)	1978	4	(D)	663	-	-	4	(D)	663	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	48	482	-	-
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	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Oats for grain (bushels)	1978	25	288	12 844	-	-	15	228	9 961	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	251	10 350	-	-
Barley for grain (bushels)	1978	1	(D)	(D)	-	-	1	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Rye for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Other small grains for grain	1978	-	-	(X)	-	-	-	-	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Tobacco (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight)	1978	2	(D)	(D)	-	-	2	(D)	(D)	-	-
	1974	4	3	454	(NA)	(NA)	2	(D)	(D)	-	-
Sweetpotatoes (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	61	2 981	4 072	-	-	24	1 752	2 867	-	-
	1974	53	2 496	4 197	(NA)	(NA)	24	1 721	3 183	-	-
Alfalfa hay (tons, dry)	1978	16	663	990	-	-	9	496	828	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	110	357	-	-
Other tame dry hay (tons, dry) (see text)	1978	40	1 811	2 589	-	-	18	1 046	1 763	-	-
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)	-	-	-	-	(X)	-	-
	1974	2	(D)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sweet corn	1978	1	(D)	(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	2	(D)	(X)	-	-	1	(D)	(X)	-	-
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	-	-
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	1	(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	1	(D)	(D)	(NA)	(NA)	-	-	-	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	(NA)	(NA)
Berries	1978	2	(D)	(X)	-	-	-	-	(X)	-	-
	1974	2	(D)	(X)	(NA)	(NA)	-	-	(X)	-	-
Strawberries (pounds)	1978	1	(D)	(D)	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products	1978	2	(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	487	75 990	443	64 876	365	65 081	312	54 260
Average size of farm	(X)	156	(X)	146	(X)	178	(X)	174
Approximate land area	(X)	295 680	(X)	295 680	(X)	295 680	(X)	295 680
Proportion in farms, percent	(X)	25.7	(X)	21.9	(X)	22.0	(X)	18.4
Value of land and buildings:[1]								
Average per farm, dollars	203 078	(X)	111 316	(X)	246 900	(X)	140 388	(X)
Average per acre, dollars	(X)	1 250	(X)	760	(X)	1 253	(X)	807
Land in farms according to use:								
Total cropland	480	50 286	436	42 226	360	44 543	307	36 218
Harvested cropland	472	38 119	427	30 420	353	35 076	304	27 777
By acres harvested:								
1 to 9 acres	49	209	49	(NA)	26	118	18	(NA)
10 to 19 acres	59	790	55	(NA)	31	419	25	(NA)
20 to 29 acres	48	1 147	66	(NA)	21	527	31	(NA)
30 to 49 acres	100	3 761	74	(NA)	71	2 676	55	(NA)
50 to 99 acres	105	7 239	89	(NA)	95	6 577	82	(NA)
100 to 199 acres	66	(D)	61	(NA)	64	(D)	60	(NA)
200 to 499 acres	41	12 590	30	(NA)	41	12 590	30	(NA)
500 to 999 acres	3	2 436	3	(NA)	3	2 436	3	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	125	4 352	153	6 408	83	3 535	83	4 437
Other cropland	239	7 815	176	5 398	169	5 932	128	4 004
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	82	2 213	(NA)	(NA)	57	1 601	43	1 131
Cropland on which all crops failed	31	553	(NA)	(NA)	23	402	–	–
Cropland in cultivated summer fallow	44	861	(NA)	(NA)	32	663	37	508
Cropland idle	164	4 188	(NA)	(NA)	119	3 266	78	2 365
Total woodland	308	15 025	282	10 514	231	12 056	195	7 830
Woodland pastured	43	865	(NA)	(NA)	33	778	35	1 305
Woodland not pastured	281	14 160	(NA)	(NA)	209	11 278	178	6 525
Other land	373	10 679	386	12 136	285	8 482	280	10 212
Pastureland and rangeland, other than cropland and woodland pastured	60	2 339	(NA)	(NA)	45	2 150	48	2 631
Land in house lots, ponds, roads, wasteland, etc	364	8 340	(NA)	(NA)	278	6 332	268	7 581
Pastureland, all types	169	7 556	(NA)	(NA)	115	6 463	(NA)	8 373
Irrigated land	80	2 720	22	586	72	2 689	18	578
Harvested cropland irrigated	79	2 593	(NA)	(NA)	72	(D)	18	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	10	127	(NA)	(NA)	8	(D)	1	(D)
Land set aside in the federal farm programs in 1978	51	637	(X)	(X)	43	590	(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]	487	20 578	443	12 207	365	20 443	312	12 061
Average per farm, dollars	(X)	42 255	(X)	27 555	(X)	56 009	(X)	38 657
Farms by value of agricultural products sold:[1]								
$100,000 or more	58	10 931	25	(NA)	58	10 931	25	(NA)
$40,000 to $99,999	97	6 721	84	(NA)	97	6 721	84	(NA)
$20,000 to $39,999	52	1 524	52	(NA)	52	1 524	52	(NA)
$10,000 to $19,999	51	726	51	(NA)	51	726	51	(NA)
$5,000 to $9,999	44	318	62	(NA)	44	318	62	(NA)
$2,500 to $4,999	63	223	28	(NA)	63	223	28	(NA)
Less than $2,500 (see text)	122	135	141	(NA)	(X)	(X)	10	(NA)
$2,000 to $2,499	20	46	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	21	36	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	24	29	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	57	24	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	415	17 957	392	10 255	325	17 864	(NA)	10 159
Grains	99	635	(NA)	(NA)	81	618	85	405
Commodity Credit Corporation loans	15	49	(NA)	(NA)	14	(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	140	410	(NA)	(NA)	87	367	78	219
Vegetables, sweet corn, and melons	33	422	(NA)	(NA)	28	(D)	29	271
Fruits, nuts, and berries	228	16 351	(NA)	(NA)	205	16 323	186	9 244
Nursery and greenhouse products	11	133	10	17	10	(D)	6	16
Other crops	4	7	(NA)	(NA)	4	7	3	3
Livestock, poultry, and their products	180	2 621	189	1 871	139	2 580	128	1 821
Poultry and poultry products	15	(D)	30	178	11	(D)	15	175
Dairy products	25	1 205	(NA)	(NA)	23	(D)	20	784
Cattle and calves	127	943	(NA)	(NA)	109	924	106	721
Hogs and pigs	36	229	(NA)	(NA)	20	215	27	(D)
Sheep, lambs, and wool	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	35	102	(NA)	(NA)	27	95	17	97

[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	487	443	75 990	472	75 116	38 119	80	12 079	6 445	2 720
Farms with—										
1 to 9 acres	15	8	58	12	51	37	4	14	7	8
10 to 49 acres	83	97	2 424	77	2 249	1 195	10	281	200	64
50 to 69 acres	58	46	3 381	57	3 331	2 043	7	418	256	70
70 to 99 acres	83	71	6 734	80	6 492	3 357	19	1 567	1 013	337
100 to 139 acres	71	68	8 306	71	8 306	3 488	10	1 147	396	223
140 to 179 acres	42	35	6 611	42	6 611	3 198	8	1 319	945	273
180 to 219 acres	32	25	6 324	30	5 924	2 693	9	1 734	1 084	646
220 to 259 acres	29	25	6 861	29	6 861	3 377	3	725	433	100
260 to 499 acres	49	52	17 505	49	17 505	9 586	5	1 587	612	211
500 to 999 acres	21	14	12 574	21	12 574	5 661	5	3 287	1 499	788
1,000 to 1,999 acres	4	2	5 212	4	5 212	3 484	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	487	75 990	443	64 876	365	65 081	312	54 260
Harvested cropland	472	38 119	427	30 420	353	35 076	304	27 777
Tenure of operator:								
Full owners	356	42 965	335	38 796	254	33 650	222	29 935
Harvested cropland	341	17 598	(NA)	15 227	242	15 267	(NA)	13 054
Part owners	116	29 956	103	25 617	100	28 684	87	(D)
Harvested cropland	116	18 417	(NA)	15 000	100	17 870	(NA)	14 566
Tenants	15	3 069	5	463	11	2 747	3	(D)
Harvested cropland	15	2 104	(NA)	193	11	1 939	(NA)	157
Type of organization:								
Individual or family	425	60 415	(NA)	(NA)	310	50 001	277	43 914
Partnership	51	13 883	(NA)	(NA)	45	(D)	25	7 542
Corporation	11	1 692	(NA)	(NA)	10	(D)	10	2 804
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	249	225	227	199
Other	238	208	138	103
Operators by age group:				
Under 25 years	6	5	6	4
25 to 34 years	58	48	42	31
35 to 44 years	100	87	66	56
45 to 54 years	128	125	101	92
55 to 64 years	109	90	85	65
65 years and over	86	78	65	54
Average age	50.7	50.8	51.0	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	372	338	280	233
Not on farm operated	76	63	55	50
Not reported	39	32	30	19
Operators reporting days of work off farm:				
None	173	124	150	109
1 to 49 days	43	30	36	22
50 to 99 days	12	19	9	8
100 to 149 days	16	22	14	19
150 to 199 days	24	22	19	11
200 days or more	194	172	116	94

[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	97	402	131	306	48	384	73	284
Feed for livestock and poultry	133	409	196	335	96	397	106	309
Commercially mixed formula feeds	44	278	117	176	26	272	61	163
Animal health costs	90	21	(NA)	(NA)	53	19	66	22
Seeds, bulbs, plants, and trees	345	541	253	110	296	484	180	105
Commercial fertilizer	397	985	344	574	325	961	260	555
Other agricultural chemicals including lime	416	1 358	278	808	349	1 349	237	804
Hired farm labor	279	2 209	220	1 412	231	2 197	185	1 405
Contract labor	61	435	27	212	55	429	25	(D)
Customwork, machine hire, and rental of machinery and equipment	207	425	174	270	142	403	136	263
Energy and petroleum products	481	857	(NA)	(NA)	365	810	(NA)	(NA)
Petroleum products	475	672	440	434	365	638	311	410
Gasoline	418	389	(NA)	(NA)	339	366	304	288
Diesel fuel	286	163	(NA)	(NA)	243	157	134	81
LP gas, butane, and propane	65	18	(NA)	(NA)	53	(D)	23	5
Fuel oil	76	33	(NA)	(NA)	58	31		
Natural gas	13	20	(NA)	(NA)	12	(D)	311	36
Kerosene, motor oil, and grease	475	48	(NA)	(NA)	365	46		
Electricity	386	183	(NA)	(NA)	302	171	(NA)	(NA)
Other—coal, wood, coke, etc.	17	2	(NA)	(NA)	17	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		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	387	28 439	320	27 499	260	19 110
Cropland fertilized, except pasture	387	28 063	320	27 123	(NA)	19 010
Pasture and rangeland fertilized	9	376	9	376	(NA)	100
Lime	72	2 800	53	2 528	34	1 196
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	145	10 689	127	10 383	(NA)	7 947
Nematodes in crops	36	340	36	340	4	79
Diseases in crops and orchards	246	15 123	233	15 068	94	5 936
Weeds, grass, or brush in crops and pasture	229	15 676	205	15 424	(NA)	7 983
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	93	2 179	75	2 041	29	1 768
Insect control on livestock and poultry	69	(X)	56	(X)	20	(X)
Sanitation and rodent and bird control	71	(X)	53	(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	482	440	366	309
$1,000	18 336	9 627	17 628	8 627
Average per farm—dollars	38 041	21 880	48 164	27 919
Farms by value group:				
$1 to $4,999	56	75	31	30
$5,000 to $9,999	135	100	62	48
$10,000 to $19,999	42	101	30	72
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	35	61	29	58
$30,000 to $49,999	101	50	101	48
$50,000 to $69,999	36	32	36	32
$70,000 to $99,999	32	21	32	21
$100,000 to $199,999	34		34	
$200,000 or more	11		11	

	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	343	503	211	288	177	215	348	483	282
Motortrucks including pickups	354	578	199	242	234	336	370	549	220
Wheel tractors	442	1 231	183	304	413	927	424	1 051	197
Grain and bean combines, self-propelled only	43	48	2	(D)	41	(D)	20	23	2
Corn heads for combines	22	22	3	3	19	19	18	26	8
Other cornpickers and picker-shellers	72	73	9	9	63	64	51	52	9
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	123	136	54	54	75	82	88	91	44
Pickup balers	127	136	44	45	85	91	135	137	29
Field forage harvesters, shear bar or flywheel type	68	75	5	5	65	70	59	65	16

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	279	79	(X)	267	(X)	231	185
Workers	2 444	(X)	213	(X)	2 231	2 314	2 221
Farms with—							
1 worker	35	33	33	29	29	24	23
2 workers	22	22	44	25	50	16	14
3 or 4 workers	101	12	43	110	348	71	21
5 to 9 workers	46	6	33	42	281	45	46
10 workers or more	75	6	60	61	1 523	75	81

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	208	(X)	216	(X)	148	(X)	133	(X)
Any cattle, hogs, or sheep	158	(X)	180	(X)	112	(X)	110	(X)
Sales:								
Any livestock or poultry and their products $1,000	180	2 621	189	1 871	139	2 580	128	1 821
Any cattle, hogs, or sheep $1,000	147	(D)	164	(NA)	116	(D)	112	765
CATTLE AND CALVES								
Inventory:								
Cattle and calves	143	5 010	173	6 214	105	4 588	107	5 307
Cows and heifers that had calved	99	1 778	129	2 383	73	1 629	77	2 029
Beef cows	74	766	103	1 479	50	624	54	1 149
Milk cows	35	1 012	42	904	29	1 005	31	880
Heifers and heifer calves	99	1 625	(NA)	(NA)	73	1 499	70	1 202
Steers, steer calves, bulls and bull calves	120	1 607	(NA)	(NA)	87	1 460	93	2 076
Sales:								
Cattle and calves	127	2 370	150	2 528	109	2 297	106	2 347
$1,000	(X)	943	(X)	(NA)	(X)	924	(X)	721
Calves	50	618	(NA)	(NA)	42	592	33	601
$1,000	(X)	130	(X)	(NA)	(X)	126	(X)	76
Cattle	113	1 752	(NA)	(NA)	100	1 705	97	1 746
$1,000	(X)	813	(X)	(NA)	(X)	798	(X)	645
Fattened cattle	65	864	(NA)	(NA)	57	845	47	901
$1,000	(X)	415	(X)	(NA)	(X)	408	(X)	346
Dairy products $1,000	25	1 205	(NA)	(NA)	23	(D)	20	784
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	43	2 177	44	1 048	23	1 805	30	845
Used or to be used for breeding	25	425	(NA)	(NA)	12	320	17	144
Other hogs and pigs	42	1 752	(NA)	(NA)	23	1 485	30	701
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	456	24	240	12	408	17	225
Dec. 1 of preceding year and May 31	17	234	15	154	9	208	12	145
June 1 and Nov. 30	21	222	16	86	11	200	12	80
Sheep and lambs	5	47	5	126	3	(D)	1	(D)
Ewes 1 year old or older	3	28	(NA)	(NA)	2	(D)	1	(D)
Goats	3	17	(NA)	(NA)	2	(D)	–	–
Horses and ponies	66	308	65	435	39	191	36	361
Sales:								
Hogs and pigs	36	3 391	35	1 183	20	3 177	27	1 077
$1,000	(X)	229	(X)	(NA)	(X)	215	(X)	(D)
Feeder pigs	10	(D)	9	702	6	(D)	6	640
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	15
Sheep and lambs	3	39	4	149	1	(D)	1	(D)
Sheep and lambs shorn	4	47	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	288	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	12	30	14	72	9	27	12	(D)
$1,000	(X)	24	(X)	(NA)	(X)	19	(X)	40
POULTRY								
Inventory:								
Any poultry	47	(X)	75	(X)	26	(X)	37	(X)
Chickens 3 months old or older	47	(D)	73	29 249	26	(D)	35	28 064
Hens and pullets of laying age	47	(D)	72	13 416	26	(D)	34	12 259
Pullets 3 months old or older	2	(D)	(NA)	(NA)	–	–	4	15 770
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	175	11	327	–	–	6	284
Turkeys	4	12	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	5	(X)	2	(X)
Sales:								
Any poultry	7	(X)	17	(X)	5	(X)	13	(X)
Chickens 3 months old or older	5	(D)	15	39 317	4	(D)	11	39 257
Hens and pullets of laying age	5	(D)	13	(D)	4	(D)	9	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	1	(D)	2	(D)	1	(D)	2	(D)
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	15	(D)	30	178	11	(D)	15	175

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	152	8 371	(X)	1	(D)	115	7 787	(X)	1	(D)
	1974	154	5 173	(X)	(NA)	(NA)	109	4 742	(X)	1	(D)
For grain or seed (bushels)	1978	130	6 597	456 487	–	–	98	6 208	435 864	–	–
	1974	127	3 595	253 339	(NA)	(NA)	88	3 285	237 527	–	–
For silage or green chop (tons, green)	1978	60	1 774	17 715	1	(D)	51	1 579	15 667	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	69	(D)	16 508	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sorghums for all purposes	1978	5	37	(X)	–	–	5	37	(X)	–	–
	1974	6	115	(X)	(NA)	(NA)	3	50	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	(D)	132	–	–	3	(D)	132	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	50	900	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	41	791	19 676	1	(D)	37	759	19 051	1	(D)
	1974	69	1 203	41 407	(NA)	(NA)	53	1 077	37 416	–	–
Oats for grain (bushels)	1978	73	1 119	45 877	1	(D)	56	991	41 391	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	576	29 211	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	13	291	6 620	–	–	12	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	162	5 135	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	3	28	380	–	–	3	28	380	–	–
	1974	7	79	1 190	(NA)	(NA)	6	(D)	(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	6	11	1 897	–	–	5	(D)	(D)	–	–
	1974	8	10	884	(NA)	(NA)	5	9	809	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	230	11 506	18 637	–	–	147	9 489	16 230	–	–
	1974	199	9 189	16 874	(NA)	(NA)	120	7 541	14 438	–	–
Alfalfa hay (tons, dry)	1978	216	9 485	15 654	–	–	142	7 755	13 537	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	110	6 364	12 825	–	–
Other tame dry hay (tons, dry) (see text)	1978	24	942	1 589	–	–	15	695	1 342	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	83	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	83	7 625	–	–
All vegetables harvested for sale (see text)	1978	33	1 912	(X)	–	–	28	1 880	(X)	–	–
	1974	40	1 505	(X)	(NA)	(NA)	29	1 476	(X)	–	–
Sweet corn	1978	9	35	(X)	–	–	7	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	47	(X)	–	–
Tomatoes	1978	4	8	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	4	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	237	14 055	(X)	71	2 542	208	13 781	(X)	66	2 514
	1974	210	12 552	(X)	(NA)	(NA)	188	12 418	(X)	13	549
Apples (pounds)	1978	91	1 523	11 579 085	(NA)	(NA)	79	1 458	11 542 650	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 433	10 205 006	(NA)	(NA)
Peaches (pounds)	1978	15	33	212 670	(NA)	(NA)	11	28	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	47	162 411	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	42	4 314	(NA)	(NA)	4	38	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	9	46	(X)	4	20	5	39	(X)	2	(D)
	1974	10	37	(X)	(NA)	(NA)	7	26	(X)	3	8
Strawberries (pounds)	1978	7	32	(D)	3	(D)	4	29	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	24	117 965	3	8
Nursery and greenhouse products	1978	11	41	(X)	5	6	10	(D)	(X)	4	(D)
Other crops	1978	4	354	(X)	(NA)	(NA)	4	354	(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	1 334	280 016	1 553	281 624	1 171	271 166	1 332	268 807
Average size of farm	(X)	210	(X)	181	(X)	232	(X)	202
Approximate land area	(X)	362 240	(X)	362 240	(X)	362 240	(X)	362 240
Proportion in farms, percent	(X)	77.3	(X)	77.7	(X)	74.9	(X)	74.2
Value of land and buildings:[1]								
Average per farm, dollars	202 472	(X)	97 153	(X)	223 713	(X)	108 479	(X)
Average per acre, dollars	(X)	991	(X)	536	(X)	995	(X)	538
Land in farms according to use:								
Total cropland	1 311	236 237	1 531	228 104	1 155	230 607	1 318	220 909
Harvested cropland	1 295	209 105	1 508	205 697	1 144	205 706	1 315	202 048
By acres harvested:								
1 to 9 acres	44	222	56	(NA)	17	67	14	(NA)
10 to 19 acres	66	928	105	(NA)	23	324	27	(NA)
20 to 29 acres	89	2 157	124	(NA)	53	1 287	85	(NA)
30 to 49 acres	175	6 764	206	(NA)	137	5 436	177	(NA)
50 to 99 acres	285	19 779	360	(NA)	278	19 337	355	(NA)
100 to 199 acres	284	39 253	332	(NA)	284	39 253	332	(NA)
200 to 499 acres	278	85 864	280	(NA)	278	85 864	280	(NA)
500 to 999 acres	61	39 039	38	(NA)	61	39 039	38	(NA)
1,000 acres or more	13	15 099	7	(NA)	13	15 099	7	(NA)
Cropland used only for pasture	249	9 134	314	10 000	210	8 299	235	7 485
Other cropland	575	17 998	465	12 407	492	16 602	407	11 376
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	196	5 208	(NA)	(NA)	171	4 943	86	2 367
Cropland on which all crops failed	53	962	(NA)	(NA)	38	681	78	1 726
Cropland in cultivated summer fallow	152	3 984	(NA)	(NA)	135	3 795	136	2 602
Cropland idle	300	7 844	(NA)	(NA)	258	7 183	174	4 681
Total woodland	682	22 706	852	28 171	610	21 017	737	25 039
Woodland pastured	121	3 543	(NA)	(NA)	100	3 198	168	5 058
Woodland not pastured	602	19 163	(NA)	(NA)	544	17 819	632	19 981
Other land	962	21 073	1 196	25 349	843	19 542	1 040	22 859
Pastureland and rangeland, other than cropland and woodland pastured	103	4 778	(NA)	(NA)	91	4 358	100	6 603
Land in house lots, ponds, roads, wasteland, etc	947	16 295	(NA)	(NA)	832	15 184	1 016	16 256
Pastureland, all types	376	17 455	(NA)	(NA)	315	15 855	(NA)	19 146
Irrigated land	26	936	21	833	22	930	17	633
Harvested cropland irrigated	26	924	(NA)	(NA)	22	(D)	17	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	4	12	(NA)	(NA)	2	(D)	2	(D)
Land set aside in the federal farm programs in 1978	392	7 053	(X)	(X)	367	6 905	(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]	1 334	51 423	1 553	47 421	1 171	51 215	1 332	47 165
Average per farm, dollars	(X)	38 548	(X)	30 535	(X)	43 737	(X)	35 409
Farms by value of agricultural products sold:[1]								
$100,000 or more	107	24 692	102	(NA)	107	24 692	102	(NA)
$40,000 to $99,999	236	15 220	215	(NA)	236	15 220	215	(NA)
$20,000 to $39,999	205	5 785	252	(NA)	205	5 785	252	(NA)
$10,000 to $19,999	228	3 192	262	(NA)	228	3 192	262	(NA)
$5,000 to $9,999	233	1 717	293	(NA)	233	1 717	293	(NA)
$2,500 to $4,999	162	609	192	(NA)	162	609	192	(NA)
Less than $2,500 (see text)	163	207	237	(NA)	(X)	(X)	16	(NA)
$2,000 to $2,499	39	86	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	33	57	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	33	40	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	24	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 199	28 589	1 456	31 949	1 078	28 427	(NA)	31 751
Grains	1 132	23 895	(NA)	(NA)	1 039	23 767	1 255	25 540
Commodity Credit Corporation loans	116	734	(NA)	(NA)	111	728	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	194	810	(NA)	(NA)	168	785	180	540
Vegetables, sweet corn, and melons	50	1 253	(NA)	(NA)	50	1 253	61	1 647
Fruits, nuts, and berries	13	192	(NA)	(NA)	9	(D)	13	(D)
Nursery and greenhouse products	15	467	12	327	11	(D)	11	(D)
Other crops	62	1 973	(NA)	(NA)	62	1 973	82	3 663
Livestock, poultry, and their products	533	22 834	568	15 457	485	22 789	485	15 400
Poultry and poultry products	48	3 384	51	3 071	40	3 382	46	3 070
Dairy products	158	8 386	(NA)	(NA)	157	(D)	168	5 175
Cattle and calves	395	8 698	(NA)	(NA)	362	8 668	372	5 806
Hogs and pigs	144	2 236	(NA)	(NA)	132	2 227	151	1 285
Sheep, lambs, and wool	28	36	(NA)	(NA)	26	(D)	19	35
Other livestock and livestock products (see text)	39	94	(NA)	(NA)	31	91	23	29

[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	1 334	1 553	280 016	1 295	278 249	209 105	26	3 851	2 657	936
Farms with—										
1 to 9 acres	27	20	99	12	69	41	3	23	7	5
10 to 49 acres	209	255	6 983	194	6 580	4 635	9	271	94	55
50 to 69 acres	91	131	5 379	90	5 329	4 044	1	(D)	(D)	(D)
70 to 99 acres	195	243	15 916	192	15 654	10 395	4	334	278	196
100 to 139 acres	152	198	17 609	151	17 509	11 695	3	373	329	329
140 to 179 acres	128	153	20 375	127	20 219	14 544	–	–	–	–
180 to 219 acres	109	127	21 545	109	21 545	14 715	2	(D)	(D)	(D)
220 to 259 acres	76	79	18 039	74	17 593	13 371	1	(D)	(D)	(D)
260 to 499 acres	222	249	79 878	221	79 558	61 606	1	(D)	(D)	(D)
500 to 999 acres	99	87	63 161	99	63 161	49 523	2	(D)	(D)	(D)
1,000 to 1,999 acres	26	9	31 032	26	31 032	24 536	–	–	–	–
2,000 acres or more	–	2	–	–	–	–	–	–	–	–

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	1 334	280 016	1 553	281 624	1 171	271 166	1 332	268 807
Harvested cropland	1 295	209 105	1 508	205 697	1 144	205 706	1 315	202 048
Tenure of operator:								
Full owners	723	90 323	895	95 173	590	83 139	695	83 289
Harvested cropland	686	60 761	(NA)	60 743	565	58 226	(NA)	57 530
Part owners	507	174 274	543	168 964	491	173 082	534	168 275
Harvested cropland	505	135 401	(NA)	131 407	489	134 927	(NA)	131 193
Tenants	104	15 419	115	17 487	90	14 945	103	17 243
Harvested cropland	104	12 943	(NA)	13 547	90	12 553	(NA)	13 325
Type of organization:								
Individual or family	1 161	217 534	(NA)	(NA)	1 012	209 573	1 223	233 559
Partnership	159	58 815	(NA)	(NA)	146	(D)	100	32 194
Corporation	9	3 433	(NA)	(NA)	9	3 433	8	(D)
Other—cooperative, estate or trust, institutional, etc.	5	234	(NA)	(NA)	4	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	746	931	718	874
Other	588	613	453	449
Operators by age group:				
Under 25 years	46	73	41	63
25 to 34 years	220	200	195	161
35 to 44 years	286	308	242	248
45 to 54 years	312	374	278	330
55 to 64 years	321	330	279	298
65 years and over	149	259	136	223
Average age	48.0	49.3	48.2	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	1 079	1 131	958	1 002
Not on farm operated	142	182	118	126
Not reported	113	231	95	195
Operators reporting days of work off farm:				
None	545	502	520	467
1 to 49 days	92	97	88	78
50 to 99 days	49	44	45	35
100 to 149 days	35	41	31	36
150 to 199 days	60	57	48	48
200 days or more	501	530	387	397

[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	357	4 744	352	3 782	318	4 730	281	3 750
Feed for livestock and poultry	471	5 054	547	3 247	412	5 040	442	3 217
Commercially mixed formula feeds	289	3 343	392	2 389	279	3 342	337	2 378
Animal health costs	402	291	(NA)	(NA)	362	288	331	207
Seeds, bulbs, plants, and trees	1 202	2 391	1 240	1 841	1 065	2 354	1 102	1 823
Commercial fertilizer	1 173	5 666	1 312	4 724	1 082	5 619	1 176	4 685
Other agricultural chemicals including lime	1 049	1 900	962	911	988	1 886	903	906
Hired farm labor	424	1 639	352	1 058	405	1 632	334	1 056
Contract labor	60	288	39	76	60	288	36	76
Customwork, machine hire, and rental of machinery and equipment	533	466	709	551	471	453	642	539
Energy and petroleum products	1 329	3 231	(NA)	(NA)	1 171	3 162	(NA)	(NA)
Petroleum products	1 329	2 548	1 536	1 882	1 171	2 497	1 324	1 840
Gasoline	1 223	1 207	(NA)	(NA)	1 069	1 163	1 304	1 140
Diesel fuel	821	897	(NA)	(NA)	801	896	637	466
LP gas, butane, and propane	163	229	(NA)	(NA)	159	228	146	91
Fuel oil	106	32	(NA)	(NA)	106	32		
Natural gas	22	20	(NA)	(NA)	22	20	1 322	143
Kerosene, motor oil, and grease	1 329	163	(NA)	(NA)	1 171	157		
Electricity	882	679	(NA)	(NA)	812	661	(NA)	(NA)
Other—coal, wood, coke, etc.	22	4	(NA)	(NA)	22	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	1 163	191 448	1 072	188 606	1 176	169 375
Cropland fertilized, except pasture	1 163	190 664	1 072	187 822	(NA)	168 981
Pasture and rangeland fertilized	31	784	31	784	(NA)	394
Lime	93	2 464	93	2 464	44	2 208
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	349	52 625	339	52 615	(NA)	14 555
Nematodes in crops	42	4 908	42	4 908	5	256
Diseases in crops and orchards	62	2 693	57	2 393	17	584
Weeds, grass, or brush in crops and pasture	762	130 841	716	129 488	(NA)	112 776
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	800	4	800	1	(D)
Insect control on livestock and poultry	221	(X)	196	(X)	57	(X)
Sanitation and rodent and bird control	139	(X)	114	(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	1 329	1 528	1 171	1 309
$1,000	54 328	38 119	52 761	36 467
Average per farm—dollars	40 879	24 947	45 057	27 859
Farms by value group:				
$1 to $4,999	34	207	23	126
$5,000 to $9,999	253	270	140	177
$10,000 to $19,999	285	344	260	308

	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	218	260	218	255
$30,000 to $49,999	157	251	153	248
$50,000 to $69,999	145	99	145	98
$70,000 to $99,999	85	97	80	97
$100,000 to $199,999	120		120	
$200,000 or more	32		32	

	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	1 114	1 436	633	746	591	690	1 345	1 724	1 116
Motortrucks including pickups	1 152	1 779	609	758	725	1 021	1 294	1 967	777
Wheel tractors	1 243	3 212	349	476	1 178	2 736	1 413	3 390	765
Grain and bean combines, self-propelled only	612	634	195	197	423	437	560	578	174
Corn heads for combines	443	458	180	183	269	275	272	276	137
Other cornpickers and picker-shellers	330	338	14	14	320	324	433	438	81
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	244	249	52	52	193	197	203	209	56
Pickup balers	292	294	25	25	268	269	289	290	45
Field forage harvesters, shear bar or flywheel type	166	179	50	55	118	124	177	193	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	424	142	(X)	371	(X)	405	334
Workers	1 867	(X)	276	(X)	1 591	1 848	1 777
Farms with—							
1 worker	135	89	89	104	104	116	119
2 workers	50	33	66	65	130	50	58
3 or 4 workers	109	15	(D)	97	327	109	50
5 to 9 workers	109	2	(D)	87	518	109	58
10 workers or more	21	3	55	18	512	21	49

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	587	(X)	644	(X)	513	(X)	542	(X)
Any cattle, hogs, or sheep	505	(X)	548	(X)	447	(X)	469	(X)
Sales:								
Any livestock or poultry and their products $1,000	533	22 834	568	15 457	485	22 789	485	15 400
Any cattle, hogs, or sheep $1,000	485	10 970	521	(NA)	443	10 931	454	7 126
CATTLE AND CALVES								
Inventory:								
Cattle and calves	425	27 483	472	26 301	378	27 076	407	25 578
Cows and heifers that had calved	295	9 194	322	8 732	266	9 072	270	8 400
Beef cows	127	1 904	137	2 470	104	1 815	103	2 212
Milk cows	184	7 290	209	6 262	175	7 257	188	6 188
Heifers and heifer calves	297	6 474	(NA)	(NA)	263	6 338	244	5 197
Steers, steer calves, bulls and bull calves	350	11 815	(NA)	(NA)	313	11 666	340	11 981
Sales:								
Cattle and calves	395	18 529	422	16 437	362	18 433	372	16 187
$1,000	(X)	8 698	(X)	(NA)	(X)	8 668	(X)	5 806
Calves	199	3 166	(NA)	(NA)	186	3 125	152	*2 053
$1,000	(X)	374	(X)	(NA)	(X)	367	(X)	161
Cattle	359	15 363	(NA)	(NA)	332	15 308	339	14 134
$1,000	(X)	8 324	(X)	(NA)	(X)	8 301	(X)	5 645
Fattened cattle	150	11 896	(NA)	(NA)	135	11 860	138	10 337
$1,000	(X)	6 623	(X)	(NA)	(X)	6 608	(X)	4 460
Dairy products $1,000	158	8 386	(NA)	(NA)	157	(D)	168	5 175
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	149	15 072	162	11 683	129	14 909	137	11 532
Used or to be used for breeding	104	1 903	(NA)	(NA)	93	1 873	98	1 462
Other hogs and pigs	129	13 169	(NA)	(NA)	115	13 036	129	10 070
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	112	3 004	125	2 358	98	2 970	108	2 305
Dec. 1 of preceding year and May 31	90	1 463	96	1 187	79	1 443	83	1 163
June 1 and Nov. 30	97	1 541	101	1 171	87	1 527	86	1 142
Sheep and lambs	30	794	29	1 246	28	(D)	19	1 029
Ewes 1 year old or older	26	459	(NA)	(NA)	24	(D)	17	585
Goats	9	16	(NA)	(NA)	7	(D)	3	11
Horses and ponies	117	402	155	508	90	312	115	377
Sales:								
Hogs and pigs	144	24 435	163	18 678	132	24 312	151	18 398
$1,000	(X)	2 236	(X)	(NA)	(X)	(D)	(X)	1 285
Feeder pigs	40	4 100	35	2 188	37	4 056	28	2 000
$1,000	(X)	177	(X)	(NA)	(X)	176	(X)	47
Sheep and lambs	28	583	27	1 079	26	(D)	19	952
Sheep and lambs shorn	26	577	(NA)	(NA)	24	(D)	17	752
Pounds of wool	(X)	4 986	(X)	(NA)	(X)	(D)	(X)	5 890
Sheep, lambs, and wool $1,000	28	36	(NA)	(NA)	26	(D)	19	35
Goats	3	8	(NA)	(NA)	3	8	1	(D)
$1,000	(X)	(Z)	(X)	(NA)	(X)	(Z)	(X)	(Z)
Horses and ponies	19	53	15	35	17	(D)	13	(D)
$1,000	(X)	36	(X)	(NA)	(X)	(D)	(X)	26
POULTRY								
Inventory:								
Any poultry	115	(X)	119	(X)	90	(X)	92	(X)
Chickens 3 months old or older	97	267 308	109	478 630	74	266 644	85	478 085
Hens and pullets of laying age	94	(D)	101	158 479	71	(D)	82	158 064
Pullets 3 months old or older	9	(D)	(NA)	(NA)	8	(D)	6	318 065
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	3	41 820
Broilers and other meat-type chickens	12	447	13	2 510	7	166	10	2 260
Turkeys	7	22	(NA)	(NA)	6	(D)	–	–
Turkeys for slaughter	7	(D)	(NA)	(NA)	6	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	30	(X)	(NA)	(X)	24	(X)	16	(X)
Sales:								
Any poultry	36	(X)	45	(X)	29	(X)	41	(X)
Chickens 3 months old or older	24	404 081	38	905 857	19	403 671	35	905 742
Hens and pullets of laying age	20	245 077	32	123 475	15	244 667	30	(D)
Pullets 3 months old or older	4	159 004	(NA)	(NA)	4	159 004	6	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	7	2 260	6	2 602	5	(D)	5	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	3	(X)	4	(X)
Poultry and poultry products $1,000	48	3 384	51	3 071	40	3 382	46	3 070

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	963	82 009	(X)	8	389	886	80 956	(X)	8	389
	1974	1 074	71 157	(X)	(NA)	(NA)	970	69 916	(X)	2	(D)
For grain or seed (bushels)	1978	934	72 669	6 362 857	8	357	859	71 687	6 322 707	8	357
	1974	1 034	61 906	4 683 369	(NA)	(NA)	940	60 817	4 632 491	1	(D)
For silage or green chop (tons, green)	1978	214	(D)	119 925	3	32	206	(D)	119 384	3	32
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	222	9 032	112 846	1	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	67	(X)	–	–
Sorghums for all purposes	1978	14	235	(X)	–	–	13	(D)	(X)	–	–
	1974	7	149	(X)	(NA)	(NA)	5	(D)	(X)	–	–
For grain or seed (bushels)	1978	4	(D)	3 118	–	–	4	(D)	3 118	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	11	129	939	–	–	10	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	349	8 944	382 031	–	–	337	8 786	377 053	–	–
	1974	1 021	30 750	1 324 751	(NA)	(NA)	965	30 158	1 306 705	5	129
Oats for grain (bushels)	1978	433	9 475	604 251	1	(D)	409	9 192	590 630	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	288	4 588	296 560	1	(D)
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	39	1 639	–	–
Rye for grain (bushels)	1978	9	193	5 901	–	–	8	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	34	407	7 408	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	733	45 171	1 215 342	3	50	693	44 546	1 205 763	3	50
	1974	661	24 051	593 112	(NA)	(NA)	619	23 594	586 489	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	6	(D)	(D)	2	(D)	6	(D)	(D)	2	(D)
	1974	10	562	126 907	(NA)	(NA)	9	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	494	18 759	48 305	3	40	428	17 700	46 835	3	40
	1974	464	13 318	33 974	(NA)	(NA)	391	12 366	32 214	1	(D)
Alfalfa hay (tons, dry)	1978	438	13 221	38 853	3	40	388	12 456	37 624	3	40
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	319	8 082	23 662	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	50	878	1 578	–	–	38	679	1 404	–	–
Field seed crops	1978	3	31	(X)	–	–	3	31	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	18	235	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	206	24 103	–	–
All vegetables harvested for sale (see text)	1978	50	2 959	(X)	3	29	50	2 959	(X)	3	29
	1974	63	3 269	(X)	(NA)	(NA)	62	(D)	(X)	2	(D)
Sweet corn	1978	6	39	(X)	–	–	6	39	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	16	(X)	–	–
Tomatoes	1978	6	7	(X)	2	(D)	6	7	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	12	138	(X)	4	11	9	133	(X)	4	11
	1974	7	20	(X)	(NA)	(NA)	4	16	(X)	1	(D)
Apples (pounds)	1978	8	(D)	(D)	(NA)	(NA)	6	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	12	155 785	(NA)	(NA)
Peaches (pounds)	1978	6	20	(D)	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	10	30	(X)	9	20	7	20	(X)	7	(D)
	1974	11	33	(X)	(NA)	(NA)	11	33	(X)	4	26
Strawberries (pounds)	1978	9	19	(D)	9	19	7	(D)	(D)	7	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	29	167 625	4	26
Nursery and greenhouse products	1978	15	191	(X)	9	171	11	177	(X)	7	(D)
Other crops	1978	517	43 884	(X)	(NA)	(NA)	503	43 672	(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	1 542	263 797	1 719	267 212	1 198	246 825	1 301	240 952
Average size of farm	(X)	171	(X)	155	(X)	206	(X)	185
Approximate land area	(X)	384 000	(X)	384 000	(X)	384 000	(X)	384 000
Proportion in farms, percent	(X)	68.7	(X)	69.6	(X)	64.3	(X)	62.7
Value of land and buildings:[1]								
Average per farm, dollars	163 964	(X)	74 888	(X)	195 981	(X)	88 307	(X)
Average per acre, dollars	(X)	940	(X)	482	(X)	932	(X)	477
Land in farms according to use:								
Total cropland	1 497	204 537	1 690	201 241	1 176	193 786	1 290	185 906
Harvested cropland	1 448	173 331	1 636	166 987	1 151	167 136	1 274	159 689
By acres harvested:								
1 to 9 acres	59	341	74	(NA)	15	77	15	(NA)
10 to 19 acres	171	2 279	187	(NA)	50	687	43	(NA)
20 to 29 acres	134	3 162	185	(NA)	68	1 665	102	(NA)
30 to 49 acres	262	9 805	286	(NA)	210	7 916	222	(NA)
50 to 99 acres	341	24 226	421	(NA)	329	(D)	409	(NA)
100 to 199 acres	235	32 675	261	(NA)	233	(D)	261	(NA)
200 to 499 acres	177	51 521	177	(NA)	177	51 521	177	(NA)
500 to 999 acres	62	41 425	43	(NA)	62	41 425	43	(NA)
1,000 acres or more	7	7 897	2	(NA)	7	7 897	2	(NA)
Cropland used only for pasture	439	11 100	613	14 638	331	9 577	458	11 469
Other cropland	797	20 106	655	19 616	644	17 073	493	14 748
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	215	3 614	(NA)	(NA)	178	3 192	149	3 356
Cropland on which all crops failed	116	1 857	(NA)	(NA)	86	1 501	73	2 688
Cropland in cultivated summer fallow	143	2 725	(NA)	(NA)	121	2 376	162	3 224
Cropland idle	546	11 910	(NA)	(NA)	442	10 004	221	5 480
Total woodland	929	27 978	1 056	31 290	760	25 357	865	27 208
Woodland pastured	187	4 753	(NA)	(NA)	154	4 346	179	4 850
Woodland not pastured	797	23 225	(NA)	(NA)	653	21 011	747	22 358
Other land	1 301	31 282	1 449	34 681	1 018	27 682	1 100	27 838
Pastureland and rangeland, other than cropland and woodland pastured	223	6 395	(NA)	(NA)	181	5 796	207	6 457
Land in house lots, ponds, roads, wasteland, etc	1 267	24 887	(NA)	(NA)	990	21 886	1 066	21 381
Pastureland, all types	647	22 248	(NA)	(NA)	501	19 719	(NA)	22 776
Irrigated land	37	3 913	8	384	35	(D)	8	384
Harvested cropland irrigated	36	3 880	(NA)	(NA)	34	(D)	8	384
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	4	33	(NA)	(NA)	4	33	–	–
Land set aside in the federal farm programs in 1978	548	9 563	(X)	(X)	482	9 190	(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]	1 542	41 664	1 719	30 896	1 198	41 225	1 301	30 365
Average per farm, dollars	(X)	27 019	(X)	17 973	(X)	34 411	(X)	23 340
Farms by value of agricultural products sold:[1]								
$100,000 or more	100	20 978	54	(NA)	100	20 978	54	(NA)
$40,000 to $99,999	145	9 130	132	(NA)	145	9 130	132	(NA)
$20,000 to $39,999	177	4 961	171	(NA)	177	4 961	171	(NA)
$10,000 to $19,999	235	3 223	275	(NA)	235	3 223	275	(NA)
$5,000 to $9,999	287	2 021	341	(NA)	287	2 021	341	(NA)
$2,500 to $4,999	254	911	293	(NA)	254	911	293	(NA)
Less than $2,500 (see text)	344	439	453	(NA)	(X)	(X)	35	(NA)
$2,000 to $2,499	76	167	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	68	119	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	92	109	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	108	44	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 261	16 930	1 525	14 078	1 032	16 640	(NA)	13 686
Grains	1 177	15 080	(NA)	(NA)	982	14 847	1 160	12 159
Commodity Credit Corporation loans	127	1 036	(NA)	(NA)	115	1 032	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	336	1 264	(NA)	(NA)	278	1 213	376	964
Vegetables, sweet corn, and melons	13	198	(NA)	(NA)	11	(D)	8	35
Fruits, nuts, and berries	10	274	(NA)	(NA)	9	(D)	8	327
Nursery and greenhouse products	9	(D)	9	173	6	(D)	8	(D)
Other crops	1	(D)	(NA)	(NA)	–	–	9	(D)
Livestock, poultry, and their products	809	24 734	901	16 773	668	24 584	729	16 635
Poultry and poultry products	75	1 329	96	1 353	56	1 322	72	1 348
Dairy products	182	12 091	(NA)	(NA)	175	12 086	224	8 807
Cattle and calves	551	6 069	(NA)	(NA)	474	5 999	537	4 091
Hogs and pigs	304	4 981	(NA)	(NA)	267	4 945	276	2 238
Sheep, lambs, and wool	74	121	(NA)	(NA)	58	110	65	72
Other livestock and livestock products (see text)	78	144	(NA)	(NA)	49	122	48	79

[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	1 542	1 719	263 797	1 448	259 070	173 331	37	17 218	12 625	3 913
Farms with—										
1 to 9 acres	39	23	175	15	98	68	–	–	–	–
10 to 49 acres	328	318	10 332	289	9 362	5 676	2	(D)	(D)	(D)
50 to 69 acres	143	180	8 374	131	7 672	4 041	–	–	–	–
70 to 99 acres	273	330	22 267	265	21 579	12 552	4	295	139	79
100 to 139 acres	185	226	21 386	182	21 007	12 769	2	(D)	(D)	(D)
140 to 179 acres	122	179	19 264	120	18 946	11 172	2	(D)	(D)	(D)
180 to 219 acres	102	120	20 063	99	19 442	11 826	1	(D)	(D)	(D)
220 to 259 acres	71	80	16 911	70	16 657	11 055	4	987	796	330
260 to 499 acres	174	180	60 125	172	59 407	41 588	5	1 753	1 298	480
500 to 999 acres	85	73	59 158	85	59 158	44 344	13	8 811	6 206	1 977
1,000 to 1,999 acres	20	10	25 742	20	25 742	18 240	4	4 594	3 564	728
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 542	263 797	1 719	267 212	1 198	246 825	1 301	240 952
Harvested cropland	1 448	173 331	1 636	166 987	1 151	167 136	1 274	159 689
Tenure of operator:								
Full owners	1 012	102 442	1 158	120 940	705	87 035	803	100 252
Harvested cropland	928	54 646	(NA)	64 756	664	49 259	(NA)	58 685
Part owners	422	141 011	458	130 941	397	139 706	418	126 530
Harvested cropland	416	103 139	(NA)	90 996	394	102 527	(NA)	90 175
Tenants	108	20 344	103	15 331	96	20 084	80	14 170
Harvested cropland	104	15 546	(NA)	11 235	93	15 350	(NA)	10 829
Type of organization:								
Individual or family	1 374	216 176	(NA)	(NA)	1 048	199 789	1 200	213 190
Partnership	154	40 879	(NA)	(NA)	139	40 340	99	(D)
Corporation	9	(D)	(NA)	(NA)	9	(D)	2	(D)
Other—cooperative, estate or trust, institutional, etc.	5	(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	686	882	628	786
Other	856	835	570	513
Operators by age group:				
Under 25 years	42	29	37	25
25 to 34 years	185	236	143	165
35 to 44 years	344	319	254	220
45 to 54 years	413	438	309	337
55 to 64 years	343	374	291	313
65 years and over	215	321	164	239
Average age	49.4	50.8	49.5	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	1 209	1 254	959	974
Not on farm operated	172	229	123	158
Not reported	161	234	116	167
Operators reporting days of work off farm:				
None	501	438	440	377
1 to 49 days	84	98	67	76
50 to 99 days	42	39	38	38
100 to 149 days	47	42	36	30
150 to 199 days	75	58	60	46
200 days or more	728	753	498	477

[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	418	3 935	525	2 432	343	3 892	385	2 374
Feed for livestock and poultry	681	4 410	840	3 970	593	4 377	631	3 906
Commercially mixed formula feeds	321	2 323	577	2 387	291	2 313	453	2 362
Animal health costs	601	381	(NA)	(NA)	523	375	490	266
Seeds, bulbs, plants, and trees	1 264	1 596	1 393	1 160	1 055	1 537	1 162	1 122
Commercial fertilizer	1 248	4 447	1 349	2 967	1 048	4 349	1 099	2 883
Other agricultural chemicals including lime	1 188	1 394	915	834	980	1 369	802	818
Hired farm labor	458	1 464	417	986	401	1 436	349	972
Contract labor	44	145	31	35	32	142	23	32
Customwork, machine hire, and rental of machinery and equipment	723	669	796	542	556	618	647	511
Energy and petroleum products	1 523	2 756	(NA)	(NA)	1 194	2 622	(NA)	(NA)
Petroleum products	1 523	2 086	1 649	1 531	1 194	1 976	1 254	1 440
Gasoline	1 380	983	(NA)	(NA)	1 092	907	1 233	917
Diesel fuel	737	652	(NA)	(NA)	650	632	510	293
LP gas, butane, and propane	227	255	(NA)	(NA)	220	253	154	110
Fuel oil	121	21	(NA)	(NA)	111	20		
Natural gas	37	27	(NA)	(NA)	37	27	1 252	120
Kerosene, motor oil, and grease	1 523	149	(NA)	(NA)	1 194	137		
Electricity	1 030	663	(NA)	(NA)	842	640	(NA)	(NA)
Other—coal, wood, coke, etc.	23	7	(NA)	(NA)	15	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	1 209	146 472	1 039	142 770	1 099	117 085
Cropland fertilized, except pasture	1 209	145 990	1 039	142 312	(NA)	116 601
Pasture and rangeland fertilized	45	482	39	458	(NA)	484
Lime	252	6 825	211	6 303	157	4 928
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	437	49 414	391	48 635	(NA)	20 569
Nematodes in crops	79	5 808	61	5 634	1	(D)
Diseases in crops and orchards	52	2 122	46	2 116	8	1 177
Weeds, grass, or brush in crops and posture	933	109 231	789	106 887	(NA)	66 838
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	14	771	11	753	7	220
Insect control on livestock and poultry	330	(X)	293	(X)	64	(X)
Sanitation and rodent and bird control	228	(X)	185	(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	1 541	1 627	1 194	1 226
$1,000	42 095	30 894	39 357	27 450
Average per farm—dollars	27 316	18 988	32 962	22 390
Farms by value group:				
$1 to $4,999	143	280	67	143
$5,000 to $9,999	516	378	302	211
$10,000 to $19,999	275	402	229	344

	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	269	107	236
$30,000 to $49,999	272	183	264	179
$50,000 to $69,999	101	69	98	68
$70,000 to $99,999	37	46	37	45
$100,000 to $199,999	79		79	
$200,000 or more	11		11	

	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	1 104	1 541	604	711	670	830	1 357	1 784	1 005
Motortrucks including pickups	1 300	1 862	633	696	907	1 166	1 311	1 695	678
Wheel tractors	1 405	3 463	326	490	1 333	2 973	1 516	3 491	482
Grain and bean combines, self-propelled only	467	495	83	88	391	407	371	390	83
Corn heads for combines	417	449	102	113	321	336	269	286	89
Other cornpickers and picker-shellers	638	661	73	73	565	588	682	706	80
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	471	491	159	162	319	329	344	350	89
Pickup balers	583	608	82	86	503	522	567	578	82
Field forage harvesters, shear bar or flywheel type	296	325	57	60	246	265	205	223	59

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	458	104	(X)	410	(X)	401	349
Workers	1 450	(X)	240	(X)	1 210	1 372	1 540
Farms with—							
1 worker	204	60	60	196	196	168	161
2 workers	101	20	40	84	168	80	53
3 or 4 workers	84	11	38	81	255	84	66
5 to 9 workers	54	9	49	39	249	54	48
10 workers or more	15	4	53	10	342	15	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	911	(X)	994	(X)	714	(X)	763	(X)
Any cattle, hogs, or sheep	783	(X)	884	(X)	639	(X)	696	(X)
Sales:								
Any livestock or poultry and their products $1,000	809	24 734	901	16 773	668	24 584	729	16 635
Any cattle, hogs, or sheep $1,000	746	11 170	838	(NA)	633	11 054	693	6 401
CATTLE AND CALVES								
Inventory:								
Cattle and calves	628	30 536	732	31 470	517	29 695	575	29 989
Cows and heifers that had calved	435	12 998	535	14 125	362	12 685	432	13 456
Beef cows	231	2 953	273	2 932	177	2 695	202	2 422
Milk cows	231	10 045	310	11 193	208	9 990	267	11 034
Heifers and heifer calves	434	9 284	(NA)	(NA)	369	8 995	377	8 728
Steers, steer calves, bulls and bull calves	494	8 254	(NA)	(NA)	416	8 015	450	7 805
Sales:								
Cattle and calves	551	16 866	638	14 557	474	16 601	537	14 126
$1,000	(X)	6 069	(X)	(NA)	(X)	5 999	(X)	4 091
Calves	280	4 384	(NA)	(NA)	246	4 292	280	4 345
$1,000	(X)	499	(X)	(NA)	(X)	489	(X)	290
Cattle	483	12 482	(NA)	(NA)	423	12 309	476	9 781
$1,000	(X)	5 570	(X)	(NA)	(X)	5 510	(X)	3 801
Fattened cattle	229	8 069	(NA)	(NA)	200	7 996	202	6 211
$1,000	(X)	3 566	(X)	(NA)	(X)	3 543	(X)	2 577
Dairy products $1,000	182	12 091	(NA)	(NA)	175	12 086	224	8 807
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	301	39 548	307	20 298	258	39 004	251	19 559
Used or to be used for breeding	222	5 168	(NA)	(NA)	196	5 060	184	3 529
Other hogs and pigs	280	34 380	(NA)	(NA)	241	33 944	226	16 030
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	235	5 791	246	4 677	207	5 690	209	4 538
Dec. 1 of preceding year and May 31	203	2 931	204	2 344	183	2 873	180	2 280
June 1 and Nov. 30	194	2 860	190	2 333	177	2 817	167	2 258
Sheep and lambs	75	2 586	106	3 439	55	2 335	72	2 984
Ewes 1 year old or older	64	1 550	(NA)	(NA)	52	1 396	67	1 820
Goats	17	130	(NA)	(NA)	6	25	6	27
Horses and ponies	274	1 250	256	1 410	194	865	167	1 048
Sales:								
Hogs and pigs	304	57 102	326	41 483	267	56 566	276	40 686
$1,000	(X)	4 981	(X)	(NA)	(X)	4 945	(X)	2 238
Feeder pigs	100	14 371	138	13 967	93	14 188	118	13 540
$1,000	(X)	608	(X)	(NA)	(X)	601	(X)	303
Sheep and lambs	72	1 910	84	2 423	57	1 703	64	2 022
Sheep and lambs shorn	67	2 086	(NA)	(NA)	53	1 867	61	2 280
Pounds of wool	(X)	15 484	(X)	(NA)	(X)	14 079	(X)	18 881
Sheep, lambs, and wool $1,000	74	121	(NA)	(NA)	58	110	65	72
Goats	5	31	(NA)	(NA)	3	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	57	177	53	184	37	122	41	157
$1,000	(X)	87	(X)	(NA)	(X)	72	(X)	62
POULTRY								
Inventory:								
Any poultry	163	(X)	214	(X)	106	(X)	133	(X)
Chickens 3 months old or older	144	121 909	202	149 642	92	120 663	124	146 897
Hens and pullets of laying age	139	121 581	192	118 887	88	120 439	120	116 540
Pullets 3 months old or older	17	328	(NA)	(NA)	10	224	6	30 107
Pullet chicks and pullets under 3 months old	8	(D)	(NA)	(NA)	2	(D)	8	17 316
Broilers and other meat-type chickens	38	2 169	21	1 062	21	1 753	10	595
Turkeys	9	33	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	5	17	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	5	16	(NA)	(NA)	–	–	1	(D)
Other poultry	44	(X)	(NA)	(X)	24	(X)	15	(X)
Sales:								
Any poultry	65	(X)	66	(X)	46	(X)	51	(X)
Chickens 3 months old or older	35	283 858	53	362 528	30	278 856	38	361 577
Hens and pullets of laying age	33	(D)	46	(D)	28	(D)	35	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	14	2 140	10	1 220	11	1 745	9	(D)
Turkeys	2	(D)	(NA)	(NA)	1	(D)	3	13 953
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	3	13 953
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	8	(X)	1	(X)
Poultry and poultry products $1,000	75	1 329	96	1 353	56	1 322	72	1 348

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	1 225	102 326	(X)	29	3 481	1 044	99 879	(X)	29	3 481
	1974	1 372	87 796	(X)	(NA)	(NA)	1 134	84 638	(X)	6	313
For grain or seed (bushels)	1978	1 202	91 571	6 609 043	29	3 235	1 025	89 173	6 495 118	29	3 235
	1974	1 330	75 348	3 941 215	(NA)	(NA)	1 103	72 437	3 834 943	6	(D)
For silage or green chop (tons, green)	1978	182	(D)	126 402	5	246	174	10 706	125 976	5	246
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	241	11 511	122 990	1	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	690	(X)	–	–
Sorghums for all purposes	1978	8	90	(X)	–	–	8	90	(X)	–	–
	1974	17	(D)	(X)	(NA)	(NA)	11	191	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	(D)	950	(NA)	(NA)	3	(D)	950	–	–
For silage or green chop (tons, green)	1978	8	90	766	–	–	8	90	766	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	111	1 025	–	–
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)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	418	8 836	305 665	1	(D)	386	8 543	298 138	1	(D)
	1974	911	20 252	691 265	(NA)	(NA)	807	19 212	665 741	–	–
Oats for grain (bushels)	1978	363	6 403	333 766	1	(D)	327	6 103	321 789	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	440	7 124	376 345	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	108	6 160	–	–
Rye for grain (bushels)	1978	3	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	58	1 446	–	–
Other small grains for grain	1978	3	13	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	66	(X)	–	–
Soybeans for beans (bushels)	1978	623	30 185	573 348	5	129	546	29 109	558 272	5	129
	1974	697	24 856	465 434	(NA)	(NA)	628	23 994	454 441	–	–
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)	–	–	1	(D)	(D)	–	–
	1974	5	13	4 557	(NA)	(NA)	3	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	783	29 730	84 748	6	110	620	27 630	80 466	5	(D)
	1974	838	28 573	68 145	(NA)	(NA)	704	26 950	65 202	4	51
Alfalfa hay (tons, dry)	1978	700	23 379	73 389	4	85	569	21 631	69 598	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	552	18 910	49 296	3	50
Other tame dry hay (tons, dry) (see text)	1978	112	1 565	2 743	–	–	84	1 284	2 301	–	–
Field seed crops	1978	12	196	(X)	–	–	11	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	58	884	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	12	186	24 958	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	56	670	74 941	–	–
All vegetables harvested for sale (see text)	1978	13	187	(X)	3	78	11	(D)	(X)	2	(D)
	1974	19	98	(X)	(NA)	(NA)	9	58	(X)	1	(D)
Sweet corn	1978	10	60	(X)	–	–	9	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	23	(X)	1	(D)
Tomatoes	1978	5	3	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	2	(X)	1	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	19	264	(X)	2	(D)	8	219	(X)	2	(D)
	1974	22	265	(X)	(NA)	(NA)	6	218	(X)	–	–
Apples (pounds)	1978	16	221	3 330 822	(NA)	(NA)	7	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	191	2 802 400	(NA)	(NA)
Peaches (pounds)	1978	9	17	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	8	(D)	(NA)	(NA)	4	2	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	6	19	(X)	2	(D)	5	(D)	(X)	2	(D)
	1974	4	19	(X)	(NA)	(NA)	4	19	(X)	1	(D)
Strawberries (pounds)	1978	5	(D)	(D)	2	(D)	4	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	15	87 875	1	(D)
Nursery and greenhouse products	1978	9	12	(X)	2	(D)	6	11	(X)	2	(D)
Other crops	1978	2	(D)	(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	212	41 659	206	40 832	130	31 921	113	30 566
Average size of farm	(X)	197	(X)	198	(X)	246	(X)	270
Approximate land area	(X)	650 880	(X)	650 880	(X)	650 880	(X)	650 880
Proportion in farms, percent	(X)	6.4	(X)	6.3	(X)	4.9	(X)	4.7
Value of land and buildings:[1]								
Average per farm, dollars	69 847	(X)	45 597	(X)	87 596	(X)	61 885	(X)
Average per acre, dollars	(X)	280	(X)	230	(X)	273	(X)	229
Land in farms according to use:								
Total cropland	212	22 844	204	21 600	130	17 875	112	17 201
Harvested cropland	203	12 557	195	11 688	127	10 582	109	9 838
By acres harvested:								
1 to 9 acres	32	127	46	(NA)	15	71	9	(NA)
10 to 19 acres	26	366	20	(NA)	9	110	10	(NA)
20 to 29 acres	17	385	19	(NA)	4	101	6	(NA)
30 to 49 acres	44	1 676	33	(NA)	26	1 011	17	(NA)
50 to 99 acres	40	2 733	38	(NA)	30	(D)	28	(NA)
100 to 199 acres	32	4 118	27	(NA)	31	(D)	27	(NA)
200 to 499 acres	12	3 152	12	(NA)	12	3 152	12	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	121	5 435	106	5 950	78	3 920	69	4 845
Other cropland	128	4 852	87	3 962	79	3 373	45	2 518
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	47	1 453	(NA)	(NA)	33	1 176	21	697
Cropland on which all crops failed	28	424	(NA)	(NA)	16	301	4	56
Cropland in cultivated summer fallow	35	450	(NA)	(NA)	25	371	19	250
Cropland idle	83	2 525	(NA)	(NA)	49	1 525	27	1 515
Total woodland	180	14 129	162	13 334	109	10 679	93	9 531
Woodland pastured	66	3 377	(NA)	(NA)	41	2 365	43	2 467
Woodland not pastured	147	10 752	(NA)	(NA)	89	8 314	78	7 064
Other land	168	4 686	165	5 898	102	3 367	91	3 834
Pastureland and rangeland, other than cropland and woodland pastured	34	1 334	(NA)	(NA)	25	868	22	1 698
Land in house lots, ponds, roads, wasteland, etc	163	3 352	(NA)	(NA)	97	2 499	88	2 136
Pastureland, all types	152	10 146	(NA)	(NA)	94	7 153	(NA)	9 010
Irrigated land	16	63	16	343	12	55	13	338
Harvested cropland irrigated	16	(D)	(NA)	(NA)	12	(D)	13	338
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	18	281	(X)	(X)	15	213	(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]	212	2 359	206	2 221	130	2 285	113	2 124
Average per farm, dollars	(X)	11 125	(X)	10 782	(X)	17 578	(X)	18 796
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	2	(NA)	2	(D)	2	(NA)
$40,000 to $99,999	16	(D)	6	(NA)	16	(D)	6	(NA)
$20,000 to $39,999	15	430	22	(NA)	15	430	22	(NA)
$10,000 to $19,999	25	334	26	(NA)	25	334	26	(NA)
$5,000 to $9,999	30	197	30	(NA)	30	197	30	(NA)
$2,500 to $4,999	42	160	25	(NA)	42	160	25	(NA)
Less than $2,500 (see text)	82	73	95	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	10	18	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	18	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	45	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	126	739	138	821	82	700	(NA)	759
Grains	24	21	(NA)	(NA)	16	17	23	38
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	67	178	(NA)	(NA)	46	156	27	95
Vegetables, sweet corn, and melons	13	(D)	(NA)	(NA)	8	(D)	3	5
Fruits, nuts, and berries	43	112	(NA)	(NA)	29	103	17	87
Nursery and greenhouse products	2	(D)	4	67	2	(D)	4	67
Other crops	23	307	(NA)	(NA)	15	305	22	467
Livestock, poultry, and their products	129	1 619	119	1 383	93	1 585	87	1 355
Poultry and poultry products	23	110	13	224	15	109	11	(D)
Dairy products	60	1 167	(NA)	(NA)	59	(D)	64	972
Cattle and calves	114	329	(NA)	(NA)	85	304	79	158
Hogs and pigs	4	5	(NA)	(NA)	2	(D)	4	(D)
Sheep, lambs, and wool	5	5	(NA)	(NA)	3	(D)	3	1
Other livestock and livestock products (see text)	8	4	(NA)	(NA)	3	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	212	206	41 659	203	40 386	12 557	16	1 777	257	63
Farms with –										
1 to 9 acres	–	1	–	–	–	–	–	–	–	–
10 to 49 acres	21	19	736	20	696	217	7	222	42	38
50 to 69 acres	9	9	535	9	535	139	1	(D)	(D)	(D)
70 to 99 acres	28	32	2 326	25	2 086	629	2	(D)	(D)	(D)
100 to 139 acres	48	38	5 687	46	5 426	1 608	3	361	54	9
140 to 179 acres	22	26	3 457	22	3 457	1 089	1	(D)	(D)	(D)
180 to 219 acres	21	18	4 129	20	3 921	1 436	1	(D)	(D)	(D)
220 to 259 acres	10	18	2 372	9	2 148	572	–	–	–	–
260 to 499 acres	40	33	13 429	39	13 129	4 469	–	–	–	–
500 to 999 acres	12	11	(D)	12	(D)	(D)	1	(D)	(D)	(D)
1,000 to 1,999 acres	1	1	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	212	41 659	206	40 832	130	31 921	113	30 566
Harvested cropland	203	12 557	195	11 688	127	10 582	109	9 838
Tenure of operator:								
Full owners	130	18 798	131	19 501	63	(D)	53	(D)
Harvested cropland	121	4 395	(NA)	4 419	60	(D)	(NA)	2 884
Part owners	76	21 951	69	20 822	66	20 530	59	19 447
Harvested cropland	76	8 004	(NA)	7 113	66	7 608	(NA)	6 828
Tenants	6	910	6	509	1	(D)	1	(D)
Harvested cropland	6	158	(NA)	156	1	(D)	(NA)	126
Type of organization:								
Individual or family	188	34 245	(NA)	(NA)	110	25 081	101	25 640
Partnership	23	(D)	(NA)	(NA)	19	(D)	12	4 926
Corporation	1	(D)	(NA)	(NA)	1	(D)	–	–
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	96	128	76	90
Other	116	78	54	23
Operators by age group:				
Under 25 years	1	4	–	2
25 to 34 years	26	22	14	10
35 to 44 years	37	39	20	16
45 to 54 years	54	51	37	38
55 to 64 years	61	63	44	35
65 years and over	33	27	15	12
Average age	51.3	51.3	51.7	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	193	172	124	97
Not on farm operated	13	12	4	5
Not reported	6	22	2	11
Operators reporting days of work off farm:				
None	80	70	60	48
1 to 49 days	15	17	9	10
50 to 99 days	11	8	9	6
100 to 149 days	8	8	6	6
150 to 199 days	24	19	16	8
200 days or more	69	56	28	14

[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	58	33	63	82	33	27	32	68
Feed for livestock and poultry	126	496	129	464	90	476	84	445
Commercially mixed formula feeds	83	356	87	373	68	348	66	364
Animal health costs	99	21	(NA)	(NA)	78	20	62	16
Seeds, bulbs, plants, and trees	127	64	129	60	92	61	79	56
Commercial fertilizer	157	110	144	101	117	99	92	93
Other agricultural chemicals including lime	131	46	96	22	106	41	71	21
Hired farm labor	66	205	71	131	60	199	56	127
Contract labor	10	4	6	1	10	4	2	(D)
Customwork, machine hire, and rental of machinery and equipment	67	22	66	15	42	21	40	14
Energy and petroleum products	213	321	(NA)	(NA)	142	287	(NA)	(NA)
Petroleum products	213	220	205	119	142	196	112	96
Gasoline	212	124	(NA)	(NA)	141	104	110	72
Diesel fuel	66	23	(NA)	(NA)	61	22	31	10
LP gas, butane, and propane	23	11	(NA)	(NA)	23	11	18	4
Fuel oil	31	28	(NA)	(NA)	26	28	112	11
Natural gas	5	19	(NA)	(NA)	5	19		
Kerosene, motor oil, and grease	213	16	(NA)	(NA)	142	13		
Electricity	182	97	(NA)	(NA)	121	87	(NA)	(NA)
Other—coal, wood, coke, etc.	16	3	(NA)	(NA)	16	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	152	4 016	112	3 691	92	2 769
Cropland fertilized, except pasture	152	4 016	112	3 691	(NA)	2 625
Pasture and rangeland fertilized	–	–	–	–	(NA)	144
Lime	47	735	37	610	22	499
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	42	900	32	860	(NA)	653
Nematodes in crops	–	–	–	–	1	(D)
Diseases in crops and orchards	36	335	31	330	6	112
Weeds, grass, or brush in crops and pasture	71	1 599	66	1 499	(NA)	606
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	2	(D)
Insect control on livestock and poultry	73	(X)	58	(X)	19	(X)
Sanitation and rodent and bird control	31	(X)	26	(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	213	201	142	110
$1,000	3 893	2 582	3 479	1 910
Average per farm—dollars	18 275	12 846	24 498	17 364
Farms by value group:				
$1 to $4,999	32	62	12	23
$5,000 to $9,999	66	48	20	20
$10,000 to $19,999	35	45	30	25

	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	40	22	40	20
$30,000 to $49,999	21	16	21	14
$50,000 to $69,999	6	8	6	8
$70,000 to $99,999	12	–	12	–
$100,000 to $199,999	1		1	
$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	147	215	60	72	110	143	155	199	82
Motortrucks including pickups	192	289	74	84	152	205	166	235	73
Wheel tractors	202	445	22	27	197	418	184	381	43
Grain and bean combines, self-propelled only	38	38	–	–	38	38	21	21	2
Corn heads for combines	–	–	–	–	–	–	2	(D)	2
Other cornpickers and picker-shellers	1	(D)	1	(D)	–	–	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	55	60	7	7	48	53	48	50	17
Pickup balers	130	130	16	16	114	114	107	110	12
Field forage harvesters, shear bar or flywheel type	52	58	6	7	51	51	19	23	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	66	24	(X)	65	(X)	60	56
Workers	315	(X)	46	(X)	269	297	440
Farms with—							
1 worker	5	12	12	12	12	5	17
2 workers	24	7	14	16	32	24	5
3 or 4 workers	11	5	20	21	68	5	9
5 to 9 workers	16	–	–	6	32	16	9
10 workers or more	10	–	–	10	125	10	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	137	(X)	135	(X)	89	(X)	92	(X)
Any cattle, hogs, or sheep	119	(X)	118	(X)	80	(X)	85	(X)
Sales:								
Any livestock or poultry and their products $1,000	129	1 619	119	1 383	93	1 585	87	1 355
Any cattle, hogs, or sheep $1,000	116	339	109	(NA)	86	309	82	160
CATTLE AND CALVES								
Inventory:								
Cattle and calves	118	3 187	115	3 574	80	2 744	82	3 242
Cows and heifers that had calved	110	1 732	103	1 948	77	1 542	79	1 802
Beef cows	56	519	35	320	31	365	23	257
Milk cows	67	1 213	86	1 628	56	1 177	69	1 545
Heifers and heifer calves	98	1 054	(NA)	(NA)	68	924	69	923
Steers, steer calves, bulls and bull calves	90	401	(NA)	(NA)	57	278	55	517
Sales:								
Cattle and calves	114	1 457	102	1 414	85	1 337	79	1 295
$1,000	(X)	329	(X)	(NA)	(X)	304	(X)	158
Calves	87	752	(NA)	(NA)	68	695	74	865
$1,000	(X)	76	(X)	(NA)	(X)	70	(X)	47
Cattle	91	705	(NA)	(NA)	69	642	60	430
$1,000	(X)	253	(X)	(NA)	(X)	234	(X)	111
Fattened cattle	9	24	(NA)	(NA)	5	14	4	24
$1,000	(X)	9	(X)	(NA)	(X)	5	(X)	7
Dairy products $1,000	60	1 167	(NA)	(NA)	59	(D)	64	972
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	11	125	13	91	5	(D)	8	19
Used or to be used for breeding	4	30	(NA)	(NA)	2	(D)	1	(D)
Other hogs and pigs	10	95	(NA)	(NA)	5	(D)	8	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	5	21	4	12	2	(D)	2	(D)
Dec. 1 of preceding year and May 31	5	(D)	2	(D)	2	(D)	2	(D)
June 1 and Nov. 30	3	(D)	3	(D)	2	(D)	1	(D)
Sheep and lambs	5	80	9	144	3	(D)	4	30
Ewes 1 year old or older	5	34	(NA)	(NA)	3	(D)	4	27
Goats	4	10	(NA)	(NA)	2	(D)	–	–
Horses and ponies	32	122	26	120	18	78	13	55
Sales:								
Hogs and pigs	4	105	6	100	2	(D)	4	(D)
$1,000	(X)	5	(X)	(NA)	(X)	(D)	(X)	1
Feeder pigs	2	(D)	3	73	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	5	78	5	108	3	(D)	2	(D)
Sheep and lambs shorn	4	36	(NA)	(NA)	3	(D)	3	31
Pounds of wool	(X)	216	(X)	(NA)	(X)	(D)	(X)	318
Sheep, lambs, and wool $1,000	5	5	(NA)	(NA)	3	(D)	3	1
Goats	2	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	29	2	(D)	3	(D)	–	–
$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	38	(X)	32	(X)	18	(X)	21	(X)
Chickens 3 months old or older	27	9 411	28	26 211	13	8 911	18	25 915
Hens and pullets of laying age	27	(D)	27	26 101	13	(D)	18	(D)
Pullets 3 months old or older	1	(D)	(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	9	267	3	151	5	180	1	(D)
Turkeys	6	60	(NA)	(NA)	4	(D)	5	53
Turkeys for slaughter	6	60	(NA)	(NA)	4	(D)	5	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	2	(D)
Other poultry	11	(X)	(NA)	(X)	5	(X)	2	(X)
Sales:								
Any poultry	16	(X)	10	(X)	12	(X)	9	(X)
Chickens 3 months old or older	8	7 852	8	4 142	7	(D)	7	(D)
Hens and pullets of laying age	8	7 852	8	4 142	7	(D)	7	(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)	1	(D)	2	(D)	1	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	23	110	13	224	15	109	11	(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	21	654	(X)	–	–	19	(D)	(X)	–	–
	1974	23	382	(X)	(NA)	(NA)	18	373	(X)	–	–
For grain or seed (bushels)	1978	5	157	15 058	–	–	5	157	15 058	–	–
	1974	8	138	8 590	(NA)	(NA)	4	(D)	8 030	–	–
For silage or green chop (tons, green)	1978	21	497	3 889	–	–	19	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	232	1 965	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(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)	–	–	–	–	–	–	–
	1974	6	97	2 085	(NA)	(NA)	6	97	2 085	–	–
Oats for grain (bushels)	1978	94	1 897	67 788	–	–	70	1 625	58 236	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	77	1 847	83 345	–	–
Barley for grain (bushels)	1978	8	88	2 185	–	–	8	88	2 185	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	54	2 674	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(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	29	569	75 933	–	–	18	558	74 826	–	–
	1974	49	523	139 264	(NA)	(NA)	26	493	135 119	2	(D)
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	155	9 519	14 326	–	–	99	7 810	12 259	–	–
	1974	123	8 513	13 062	(NA)	(NA)	79	7 091	11 451	1	(D)
Alfalfa hay (tons, dry)	1978	65	3 107	5 877	–	–	48	2 782	5 324	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	2 036	4 152	–	–
Other tame dry hay (tons, dry) (see text)	1978	98	4 709	6 520	–	–	64	3 791	5 459	–	–
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	13	28	(X)	4	10	8	22	(X)	1	(D)
	1974	21	45	(X)	(NA)	(NA)	3	9	(X)	1	(D)
Sweet corn	1978	9	9	(X)	2	(D)	5	5	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	12	32	(X)	1	(D)	7	17	(X)	1	(D)
	1974	17	56	(X)	(NA)	(NA)	4	10	(X)	1	(D)
Apples (pounds)	1978	12	29	(D)	(NA)	(NA)	7	16	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	(NA)	(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	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	43	138	(X)	12	45	29	115	(X)	9	41
	1974	42	126	(X)	(NA)	(NA)	16	88	(X)	10	53
Strawberries (pounds)	1978	37	124	232 946	11	42	28	112	217 102	9	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	88	382 654	10	53
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	1 800	405 649	2 088	410 442	1 631	396 192	1 826	395 529
Average size of farm	(X)	225	(X)	197	(X)	243	(X)	217
Approximate land area	(X)	524 160	(X)	524 160	(X)	524 160	(X)	524 160
Proportion in farms, percent	(X)	77.4	(X)	78.3	(X)	75.6	(X)	75.5
Value of land and buildings:[1]								
Average per farm, dollars	271 705	(X)	104 875	(X)	294 419	(X)	116 292	(X)
Average per acre, dollars	(X)	1 233	(X)	534	(X)	1 233	(X)	537
Land in farms according to use:								
Total cropland	1 742	350 764	2 043	348 140	1 584	344 449	1 792	338 714
Harvested cropland	1 721	309 874	2 021	312 304	1 574	306 163	1 787	307 682
By acres harvested:								
1 to 9 acres	43	208	55	(NA)	23	107	10	(NA)
10 to 19 acres	70	989	116	(NA)	33	482	25	(NA)
20 to 29 acres	92	2 112	112	(NA)	46	1 047	66	(NA)
30 to 49 acres	175	6 666	187	(NA)	145	5 540	141	(NA)
50 to 99 acres	398	28 759	482	(NA)	385	(D)	476	(NA)
100 to 199 acres	436	62 072	565	(NA)	435	(D)	565	(NA)
200 to 499 acres	405	121 642	422	(NA)	405	121 642	422	(NA)
500 to 999 acres	76	52 242	69	(NA)	76	52 242	69	(NA)
1,000 acres or more	26	35 184	13	(NA)	26	35 184	13	(NA)
Cropland used only for pasture	454	17 326	670	20 205	411	16 283	575	17 671
Other cropland	693	23 564	595	15 631	632	22 003	505	13 361
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	164	3 532	(NA)	(NA)	152	3 431	115	1 998
Cropland on which all crops failed	86	1 725	(NA)	(NA)	78	1 549	37	984
Cropland in cultivated summer fallow	241	6 812	(NA)	(NA)	217	6 318	267	5 549
Cropland idle	386	11 495	(NA)	(NA)	351	10 705	196	4 830
Total woodland	748	27 510	815	26 977	680	25 587	707	24 442
Woodland pastured	201	6 479	(NA)	(NA)	182	5 905	215	6 901
Woodland not pastured	612	21 031	(NA)	(NA)	560	19 682	565	17 541
Other land	1 323	27 375	1 599	35 325	1 211	26 156	1 406	32 373
Pastureland and rangeland, other than cropland and woodland pastured	116	4 997	(NA)	(NA)	101	4 638	118	5 686
Land in house lots, ponds, roads, wasteland, etc	1 292	22 378	(NA)	(NA)	1 182	21 518	1 388	26 687
Pastureland, all types	594	28 802	(NA)	(NA)	538	26 826	(NA)	30 258
Irrigated land	15	438	16	447	10	429	13	420
Harvested cropland irrigated	14	(D)	(NA)	(NA)	9	(D)	13	420
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	436	7 964	(X)	(X)	418	7 866	(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]	1 800	94 231	2 088	80 907	1 631	94 003	1 826	80 588
Average per farm, dollars	(X)	52 351	(X)	38 749	(X)	57 635	(X)	44 134
Farms by value of agricultural products sold:[1]								
$100,000 or more	187	52 427	151	(NA)	187	52 427	151	(NA)
$40,000 to $99,999	388	24 996	399	(NA)	388	24 996	399	(NA)
$20,000 to $39,999	342	9 790	448	(NA)	342	9 790	448	(NA)
$10,000 to $19,999	297	4 385	385	(NA)	297	4 385	385	(NA)
$5,000 to $9,999	256	1 836	277	(NA)	256	1 836	277	(NA)
$2,500 to $4,999	161	570	145	(NA)	161	570	145	(NA)
Less than $2,500 (see text)	169	228	283	(NA)	(X)	(X)	21	(NA)
$2,000 to $2,499	39	86	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	33	56	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	52	64	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	45	22	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 542	36 549	1 954	42 884	1 423	36 391	(NA)	42 649
Grains	1 461	27 352	(NA)	(NA)	1 362	27 223	1 703	30 611
Commodity Credit Corporation loans	170	674	(NA)	(NA)	162	673	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	410	1 758	(NA)	(NA)	383	1 736	548	1 901
Vegetables, sweet corn, and melons	6	5	(NA)	(NA)	5	(D)	3	(D)
Fruits, nuts, and berries	6	17	(NA)	(NA)	3	(D)	2	(D)
Nursery and greenhouse products	10	86	9	54	8	(D)	6	49
Other crops	346	7 330	(NA)	(NA)	345	(D)	342	10 083
Livestock, poultry, and their products	1 040	57 683	1 242	38 009	974	57 612	1 134	37 924
Poultry and poultry products	88	7 695	117	6 409	82	7 694	97	6 405
Dairy products	462	18 944	(NA)	(NA)	456	18 935	560	13 708
Cattle and calves	881	27 534	(NA)	(NA)	834	27 487	1 023	16 541
Hogs and pigs	189	3 115	(NA)	(NA)	180	3 110	155	1 121
Sheep, lambs, and wool	13	16	(NA)	(NA)	9	14	13	4
Other livestock and livestock products (see text)	32	378	(NA)	(NA)	23	372	21	144

[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	1 800	2 088	405 649	1 721	403 427	309 874	15	3 222	2 015	438
Farms with—										
1 to 9 acres	67	52	201	19	93	70	3	12	10	5
10 to 49 acres	192	225	6 044	173	5 580	4 130	4	72	44	20
50 to 69 acres	70	77	4 069	69	4 019	2 885	–	–	–	–
70 to 99 acres	249	319	20 088	244	19 693	14 016	–	–	–	–
100 to 139 acres	250	328	29 110	250	29 110	19 887	3	320	25	25
140 to 179 acres	203	283	31 928	200	31 469	22 307	2	(D)	(D)	(D)
180 to 219 acres	147	189	28 892	147	28 892	21 305	1	(D)	(D)	(D)
220 to 259 acres	126	136	29 911	124	29 431	22 318	–	–	–	–
260 to 499 acres	330	353	114 770	329	114 504	90 451	–	–	–	–
500 to 999 acres	122	103	79 845	122	79 845	62 522	1	(D)	(D)	(D)
1,000 to 1,999 acres	41	22	53 451	41	53 451	43 314	1	(D)	(D)	(D)
2,000 acres or more	3	1	7 340	3	7 340	6 669	–	–	–	–

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	1 800	405 649	2 088	410 442	1 631	396 192	1 826	395 529
Harvested cropland	1 721	309 874	2 021	312 304	1 574	306 163	1 787	307 682
Tenure of operator:								
Full owners	935	120 047	1 268	170 519	794	111 749	1 033	156 948
Harvested cropland	857	79 282	(NA)	115 365	738	76 415	(NA)	111 307
Part owners	681	251 615	652	218 560	672	251 304	646	218 027
Harvested cropland	680	201 859	(NA)	179 938	671	201 594	(NA)	179 801
Tenants	184	33 987	168	21 363	165	33 139	147	20 554
Harvested cropland	184	28 733	(NA)	17 001	165	28 154	(NA)	16 574
Type of organization:								
Individual or family	1 601	322 954	(NA)	(NA)	1 438	313 714	1 688	345 480
Partnership	155	53 405	(NA)	(NA)	150	(D)	127	45 913
Corporation	37	28 600	(NA)	(NA)	37	28 600	9	(D)
Other—cooperative, estate or trust, institutional, etc.	7	690	(NA)	(NA)	6	(D)	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	1 329	1 632	1 279	1 523
Other	471	445	352	292
Operators by age group:				
Under 25 years	89	62	76	49
25 to 34 years	252	211	231	189
35 to 44 years	338	383	302	329
45 to 54 years	427	550	402	482
55 to 64 years	481	593	435	547
65 years and over	213	278	185	219
Average age	48.4	50.5	48.3	50.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 365	1 514	1 257	1 351
Not on farm operated	243	224	199	169
Not reported	192	339	175	295
Operators reporting days of work off farm:				
None	950	866	905	808
1 to 49 days	134	112	128	94
50 to 99 days	52	53	49	49
100 to 149 days	79	70	70	63
150 to 199 days	74	63	65	48
200 days or more	415	419	327	290

[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	534	15 593	682	8 656	489	15 534	572	8 637
Feed for livestock and poultry	876	11 541	1 104	8 649	831	11 498	977	8 608
Commercially mixed formula feeds	562	6 376	775	6 342	543	6 357	702	6 323
Animal health costs	749	617	(NA)	(NA)	729	614	798	353
Seeds, bulbs, plants, and trees	1 547	3 358	1 658	2 411	1 440	3 343	1 550	2 399
Commercial fertilizer	1 545	10 148	1 875	8 409	1 418	10 055	1 692	8 356
Other agricultural chemicals including lime	1 383	2 293	1 292	1 317	1 269	2 274	1 226	1 312
Hired farm labor	664	2 711	583	1 858	648	2 702	553	1 851
Contract labor	108	216	59	168	101	213	55	166
Customwork, machine hire, and rental of machinery and equipment	876	1 233	1 041	938	817	1 217	937	923
Energy and petroleum products	1 797	5 456	(NA)	(NA)	1 625	5 377	(NA)	(NA)
Petroleum products	1 797	4 264	2 071	3 143	1 625	4 202	1 815	3 077
Gasoline	1 709	2 197	(NA)	(NA)	1 560	2 150	1 799	1 915
Diesel fuel	1 183	1 538	(NA)	(NA)	1 131	1 529	989	787
LP gas, butane, and propane	151	164	(NA)	(NA)	151	164	156	104
Fuel oil	161	69	(NA)	(NA)	152	68		
Natural gas	49	33	(NA)	(NA)	49	33	1 815	272
Kerosene, motor oil, and grease	1 797	263	(NA)	(NA)	1 625	258		
Electricity	1 371	1 169	(NA)	(NA)	1 288	1 153	(NA)	(NA)
Other—coal, wood, coke, etc.	66	22	(NA)	(NA)	66	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	1 540	279 951	1 417	276 515	1 692	256 416
Cropland fertilized, except pasture	1 540	279 258	1 417	275 822	(NA)	255 504
Pasture and rangeland fertilized	33	693	33	693	(NA)	912
Lime	33	932	33	932	8	256
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	372	54 638	352	54 285	(NA)	22 691
Nematodes in crops	46	5 693	46	5 693	9	592
Diseases in crops and orchards	93	6 496	85	6 488	18	1 114
Weeds, grass, or brush in crops and pasture	1 098	182 882	1 013	180 744	(NA)	143 948
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	30	4 560	26	4 372	4	258
Insect control on livestock and poultry	371	(X)	339	(X)	124	(X)
Sanitation and rodent and bird control	147	(X)	143	(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	1 797	2 072	1 625	1 810
$1,000	86 459	58 941	84 564	56 568
Average per farm—dollars	48 113	28 446	52 039	31 253
Farms by value group:				
$1 to $4,999	70	203	57	136
$5,000 to $9,999	266	298	177	189
$10,000 to $19,999	336	454	283	392

	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	229	358	222	342
$30,000 to $49,999	243	455	243	447
$50,000 to $69,999	261	152	255	152
$70,000 to $99,999	151		147	
$100,000 to $199,999	192	152	192	152
$200,000 or more	49		49	

	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	1 540	2 156	964	1 202	762	954	1 932	2 557	1 571
Motortrucks including pickups	1 451	2 440	619	754	1 135	1 686	1 719	2 743	1 017
Wheel tractors	1 687	5 344	565	914	1 602	4 430	1 970	5 793	1 127
Grain and bean combines, self-propelled only	1 015	1 054	218	218	806	836	919	960	146
Corn heads for combines	480	492	206	207	281	285	257	264	113
Other cornpickers and picker-shellers	616	627	121	121	495	506	739	759	200
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	591	600	197	198	395	402	540	548	125
Pickup balers	711	729	121	121	606	608	779	789	116
Field forage harvesters, shear bar or flywheel type	492	552	159	161	345	391	455	500	161

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	664	215	(X)	537	(X)	648	553
Workers	2 489	(X)	485	(X)	2 004	2 433	2 855
Farms with—							
1 worker	224	108	108	191	191	224	216
2 workers	145	56	112	105	210	137	84
3 or 4 workers	136	35	119	109	368	136	90
5 to 9 workers	117	12	75	94	556	109	101
10 workers or more	42	4	71	38	679	42	62

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	1 058	(X)	1 286	(X)	977	(X)	1 153	(X)
Any cattle, hogs, or sheep	977	(X)	1 191	(X)	908	(X)	1 082	(X)
Sales:								
Any livestock or poultry and their products $1,000	1 040	57 683	1 242	38 009	974	57 612	1 134	37 924
Any cattle, hogs, or sheep $1,000	977	30 666	1 167	(NA)	923	30 610	1 081	17 666
CATTLE AND CALVES								
Inventory:								
Cattle and calves	882	72 357	1 117	72 463	819	71 754	1 027	71 575
Cows and heifers that had calved	594	20 959	795	22 055	554	20 731	743	21 711
Beef cows	155	4 054	258	4 190	127	3 894	220	3 900
Milk cows	478	16 905	609	17 865	463	16 837	590	17 811
Heifers and heifer calves	600	13 690	(NA)	(NA)	562	13 539	646	13 298
Steers, steer calves, bulls and bull calves	774	37 708	(NA)	(NA)	727	37 484	884	36 566
Sales:								
Cattle and calves	881	54 561	1 094	45 541	834	54 362	1 023	45 236
$1,000	(X)	27 534	(X)	(NA)	(X)	27 487	(X)	16 541
Calves	348	5 732	(NA)	(NA)	328	5 638	369	4 844
$1,000	(X)	776	(X)	(NA)	(X)	765	(X)	384
Cattle	775	48 829	(NA)	(NA)	740	48 724	919	40 392
$1,000	(X)	26 759	(X)	(NA)	(X)	26 722	(X)	16 157
Fattened cattle	417	40 377	(NA)	(NA)	400	40 334	416	29 959
$1,000	(X)	23 083	(X)	(NA)	(X)	23 066	(X)	12 655
Dairy products $1,000	462	18 944	(NA)	(NA)	456	18 935	560	13 708
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	200	23 194	229	12 275	191	23 103	188	12 005
Used or to be used for breeding	122	3 088	(NA)	(NA)	116	3 064	86	1 402
Other hogs and pigs	189	20 106	(NA)	(NA)	180	20 039	185	10 603
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	125	3 958	109	1 796	119	3 936	98	1 765
Dec. 1 of preceding year and May 31	104	1 859	89	980	100	1 848	83	967
June 1 and Nov. 30	104	2 099	85	816	100	2 088	79	798
Sheep and lambs	11	192	24	500	7	131	16	270
Ewes 1 year old or older	9	119	(NA)	(NA)	5	76	14	172
Goats	3	16	(NA)	(NA)	1	(D)	2	(D)
Horses and ponies	95	306	136	388	77	245	108	303
Sales:								
Hogs and pigs	189	39 184	177	16 995	180	39 101	155	16 786
$1,000	(X)	3 115	(X)	(NA)	(X)	3 110	(X)	1 121
Feeder pigs	57	12 944	42	3 890	54	12 904	40	(D)
$1,000	(X)	514	(X)	(NA)	(X)	512	(X)	95
Sheep and lambs	13	375	19	281	9	324	13	132
Sheep and lambs shorn	9	188	(NA)	(NA)	7	(D)	10	232
Pounds of wool	(X)	1 121	(X)	(NA)	(X)	(D)	(X)	1 590
Sheep, lambs, and wool $1,000	13	16	(NA)	(NA)	9	14	13	4
Goats	2	(D)	(NA)	(NA)	–	–	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	18	30	13	24	12	21	10	19
$1,000	(X)	12	(X)	(NA)	(X)	9	(X)	5
POULTRY								
Inventory:								
Any poultry	150	(X)	239	(X)	129	(X)	191	(X)
Chickens 3 months old or older	134	855 136	219	758 599	117	854 469	173	756 043
Hens and pullets of laying age	130	(D)	209	671 226	113	(D)	163	669 173
Pullets 3 months old or older	15	(D)	(NA)	(NA)	13	(D)	13	83 450
Pullet chicks and pullets under 3 months old	4	350	(NA)	(NA)	4	350	4	29 195
Broilers and other meat-type chickens	29	2 203	38	2 516	21	1 833	24	1 913
Turkeys	3	19	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	20	(X)	(NA)	(X)	17	(X)	20	(X)
Sales:								
Any poultry	72	(X)	68	(X)	69	(X)	62	(X)
Chickens 3 months old or older	48	957 409	57	730 633	48	957 409	51	729 877
Hens and pullets of laying age	43	(D)	50	521 083	43	(D)	46	520 397
Pullets 3 months old or older	5	(D)	(NA)	(NA)	5	(D)	8	207 200
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	16	1 675	9	1 157	14	(D)	7	(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	9	(X)	(NA)	(X)	8	(X)	8	(X)
Poultry and poultry products $1,000	88	7 695	117	6 409	82	7 694	97	6 405

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	1 398	124 322	(X)	1	(D)	1 332	123 357	(X)	1	(D)
	1974	1 547	109 265	(X)	(NA)	(NA)	1 465	108 384	(X)	4	306
For grain or seed (bushels)	1978	1 297	92 589	7 803 682	1	(D)	1 239	91 751	7 758 080	1	(D)
	1974	1 441	79 823	5 485 397	(NA)	(NA)	1 368	79 048	5 451 863	2	(D)
For silage or green chop (tons, green)	1978	597	(D)	391 695	1	(D)	586	(D)	390 358	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	676	27 992	360 943	2	(D)
For fodder, hogged or grazed	1978	4	(D)	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	29	1 344	(X)	–	–
Sorghums for all purposes	1978	19	180	(X)	–	–	19	180	(X)	–	–
	1974	27	339	(X)	(NA)	(NA)	25	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	6	76	4 110	(NA)	(NA)	6	76	4 110	–	–
For silage or green chop (tons, green)	1978	18	(D)	1 126	–	–	18	(D)	1 126	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	191	1 624	–	–
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	32	(X)	–	–
Wheat for grain (bushels)	1978	542	14 208	706 313	–	–	531	14 085	703 576	–	–
	1974	1 633	49 832	2 276 478	(NA)	(NA)	1 505	48 517	2 234 207	3	31
Oats for grain (bushels)	1978	985	25 326	1 736 208	–	–	933	24 632	1 702 117	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	895	17 196	1 179 592	4	57
Barley for grain (bushels)	1978	53	1 883	96 382	–	–	52	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	440	23 414	–	–
Rye for grain (bushels)	1978	4	57	2 761	–	–	4	57	2 761	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	102	3 490	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	58	(X)	–	–
Soybeans for beans (bushels)	1978	167	5 960	125 604	–	–	157	5 834	123 677	–	–
	1974	93	2 674	50 187	(NA)	(NA)	83	2 597	49 163	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	11	293	36 110	–	–	10	(D)	(D)	–	–
	1974	9	65	13 822	(NA)	(NA)	3	60	13 210	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	1 018	44 680	108 363	1	(D)	953	43 415	106 607	1	(D)
	1974	1 238	44 011	113 727	(NA)	(NA)	1 130	42 424	111 209	2	(D)
Alfalfa hay (tons, dry)	1978	891	30 762	83 922	–	–	842	29 981	82 723	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	919	28 659	81 552	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	116	2 702	5 586	–	–	103	2 441	5 319	–	–
Field seed crops	1978	13	157	(X)	–	–	13	157	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	63	826	(X)	–	–
Alfalfa seed (pounds)	1978	3	40	(D)	–	–	3	40	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	105	9 940	–	–
Red clover seed (pounds)	1978	10	98	7 153	–	–	10	98	7 153	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	49	689	76 187	–	–
All vegetables harvested for sale (see text)	1978	6	11	(X)	–	–	5	(D)	(X)	–	–
	1974	9	14	(X)	(NA)	(NA)	6	12	(X)	–	–
Sweet corn	1978	4	9	(X)	–	–	4	9	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	11	(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)	–	–
Land in orchards	1978	8	42	(X)	3	23	6	(D)	(X)	2	(D)
	1974	19	57	(X)	(NA)	(NA)	7	40	(X)	–	–
Apples (pounds)	1978	8	20	2 700	(NA)	(NA)	6	(D)	2 700	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	39	(NA)	(NA)	(NA)
Peaches (pounds)	1978	3	5	(D)	(NA)	(NA)	3	5	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	5	425	(NA)	(NA)	4	(D)	425	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	8	13	(X)	3	13	5	(D)	(X)	1	(D)
	1974	7	5	(X)	(NA)	(NA)	3	2	(X)	–	–
Strawberries (pounds)	1978	8	9	(D)	3	9	5	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Nursery and greenhouse products	1978	10	32	(X)	6	24	8	(D)	(X)	4	(D)
Other crops	1978	976	98 299	(X)	(NA)	(NA)	940	97 719	(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	1 067	226 301	1 198	227 488	803	207 929	839	199 354
Average size of farm	(X)	212	(X)	190	(X)	259	(X)	238
Approximate land area	(X)	357 760	(X)	357 760	(X)	357 760	(X)	357 760
Proportion in farms, percent	(X)	63.3	(X)	63.6	(X)	58.1	(X)	55.7
Value of land and buildings:[1]								
Average per farm, dollars	219 479	(X)	125 622	(X)	261 251	(X)	150 627	(X)
Average per acre, dollars	(X)	1 054	(X)	662	(X)	1 039	(X)	634
Land in farms according to use:								
Total cropland	1 038	180 932	1 177	172 041	784	170 542	829	156 527
Harvested cropland	999	151 990	1 134	137 695	772	147 054	811	130 307
By acres harvested:								
1 to 9 acres	77	385	83	(NA)	23	103	11	(NA)
10 to 19 acres	128	1 777	162	(NA)	37	552	27	(NA)
20 to 29 acres	109	2 623	107	(NA)	65	1 593	51	(NA)
30 to 49 acres	145	5 580	184	(NA)	113	4 384	135	(NA)
50 to 99 acres	159	10 919	203	(NA)	155	10 703	194	(NA)
100 to 199 acres	163	22 925	204	(NA)	163	22 925	204	(NA)
200 to 499 acres	158	47 643	150	(NA)	157	(D)	150	(NA)
500 to 999 acres	43	28 926	31	(NA)	42	(D)	29	(NA)
1,000 acres or more	17	31 212	10	(NA)	17	31 212	10	(NA)
Cropland used only for pasture	347	11 130	468	14 023	250	9 078	305	10 167
Other cropland	518	17 812	506	20 323	419	14 410	360	16 053
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	145	3 512	(NA)	(NA)	122	2 758	79	4 217
Cropland on which all crops failed	28	255	(NA)	(NA)	17	156	37	785
Cropland in cultivated summer fallow	176	4 239	(NA)	(NA)	152	3 818	186	6 037
Cropland idle	302	9 806	(NA)	(NA)	238	7 678	183	5 014
Total woodland	582	20 193	735	24 873	452	17 113	529	20 279
Woodland pastured	128	2 699	(NA)	(NA)	97	2 457	125	3 715
Woodland not pastured	489	17 494	(NA)	(NA)	381	14 656	450	16 564
Other land	878	25 176	999	30 574	661	20 274	689	22 548
Pastureland and rangeland, other than cropland and woodland pastured	160	6 789	(NA)	(NA)	124	5 480	147	5 715
Land in house lots, ponds, roads, wasteland, etc	861	18 387	(NA)	(NA)	647	14 794	678	16 833
Pastureland, all types	495	20 618	(NA)	(NA)	369	17 015	(NA)	19 597
Irrigated land	32	2 192	16	1 983	26	2 180	15	(D)
Harvested cropland irrigated	31	(D)	(NA)	(NA)	26	(D)	15	1 872
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Land set aside in the federal farm programs in 1978	308	8 818	(X)	(X)	272	8 559	(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]	1 067	41 594	1 198	32 528	803	40 448	839	30 657
Average per farm, dollars	(X)	38 982	(X)	27 152	(X)	50 372	(X)	36 540
Farms by value of agricultural products sold:[1]								
$100,000 or more	110	24 480	67	(NA)	110	24 480	67	(NA)
$40,000 to $99,999	151	9 573	137	(NA)	151	9 573	137	(NA)
$20,000 to $39,999	99	2 849	136	(NA)	99	2 849	136	(NA)
$10,000 to $19,999	136	1 916	163	(NA)	136	1 916	163	(NA)
$5,000 to $9,999	146	1 050	171	(NA)	146	1 050	171	(NA)
$2,500 to $4,999	161	580	146	(NA)	161	580	146	(NA)
Less than $2,500 (see text)	261	339	374	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	62	137	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	54	92	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	66	79	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	79	31	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	3	807	4	(NA)	(X)	(X)	(X)	(X)
Crops	841	20 470	999	14 470	683	20 235	(NA)	14 151
Grains	728	14 155	(NA)	(NA)	616	13 993	684	9 642
Commodity Credit Corporation loans	118	1 871	(NA)	(NA)	115	1 869	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	276	995	(NA)	(NA)	219	932	225	657
Vegetables, sweet corn, and melons	35	2 257	(NA)	(NA)	30	2 254	27	1 571
Fruits, nuts, and berries	22	315	(NA)	(NA)	13	311	12	320
Nursery and greenhouse products	20	2 538	26	1 834	16	2 534	20	1 831
Other crops	8	211	(NA)	(NA)	8	211	6	131
Livestock, poultry, and their products	610	21 124	693	18 015	494	20 213	534	16 463
Poultry and poultry products	49	482	54	436	39	415	36	381
Dairy products	171	11 912	(NA)	(NA)	168	11 710	204	10 506
Cattle and calves	433	4 650	(NA)	(NA)	376	4 274	441	3 507
Hogs and pigs	163	3 302	(NA)	(NA)	140	3 148	131	1 529
Sheep, lambs, and wool	58	195	(NA)	(NA)	44	130	55	113
Other livestock and livestock products (see text)	79	584	(NA)	(NA)	38	535	40	427

[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	1 067	1 198	226 301	999	224 063	151 990	32	17 284	13 354	2 192
Farms with—										
1 to 9 acres	37	31	147	14	70	45	3	10	6	6
10 to 49 acres	260	254	7 607	228	6 828	3 878	9	286	72	42
50 to 69 acres	83	109	4 810	78	4 529	2 455	2	(D)	(D)	(D)
70 to 99 acres	154	189	12 439	150	12 103	6 516	1	(D)	(D)	(D)
100 to 139 acres	92	144	10 793	90	10 545	5 747	1	(D)	(D)	(D)
140 to 179 acres	83	114	12 996	82	12 851	7 580	–	–	–	–
180 to 219 acres	58	62	11 376	58	11 376	7 027	1	(D)	(D)	(D)
220 to 259 acres	51	48	12 280	51	12 280	8 300	–	–	–	–
260 to 499 acres	157	162	55 760	156	55 388	37 768	8	3 240	2 069	855
500 to 999 acres	61	67	39 352	61	39 352	30 310	3	2 045	1 805	345
1,000 to 1,999 acres	21	11	27 009	21	27 009	21 387	1	(D)	(D)	(D)
2,000 acres or more	10	7	31 732	10	31 732	20 977	3	10 060	8 245	790

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	1 067	226 301	1 198	227 488	803	207 929	839	199 354
Harvested cropland	999	151 990	1 134	137 695	772	147 054	811	130 307
Tenure of operator:								
Full owners	651	74 700	790	99 809	427	57 712	472	74 789
Harvested cropland	590	37 165	(NA)	46 545	398	32 895	(NA)	40 881
Part owners	356	135 506	344	113 354	329	134 464	313	110 631
Harvested cropland	354	103 417	(NA)	82 183	328	102 919	(NA)	80 657
Tenants	60	16 095	64	14 325	47	15 753	54	13 934
Harvested cropland	55	11 408	(NA)	8 967	46	11 240	(NA)	8 769
Type of organization:								
Individual or family	942	162 496	(NA)	(NA)	693	150 823	744	158 392
Partnership	106	48 395	(NA)	(NA)	97	47 963	85	33 327
Corporation	13	8 990	(NA)	(NA)	11	(D)	10	7 635
Other—cooperative, estate or trust, institutional, etc.	6	6 420	(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	488	608	461	546
Other	579	576	342	283
Operators by age group:				
Under 25 years	22	28	18	24
25 to 34 years	136	98	94	59
35 to 44 years	260	252	193	167
45 to 54 years	277	296	205	213
55 to 64 years	218	302	171	221
65 years and over	154	208	122	145
Average age	49.0	51.4	49.5	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	860	923	654	652
Not on farm operated	116	134	80	90
Not reported	91	127	69	87
Operators reporting days of work off farm:				
None	383	381	347	328
1 to 49 days	76	53	68	37
50 to 99 days	20	25	17	17
100 to 149 days	13	27	11	23
150 to 199 days	37	45	25	29
200 days or more	503	493	305	252

[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	340	1 599	440	1 547	276	1 482	262	1 287
Feed for livestock and poultry	593	3 286	708	3 426	482	3 102	471	3 118
Commercially mixed formula feeds	321	1 838	458	2 103	293	1 709	317	1 906
Animal health costs	485	348	(NA)	(NA)	421	322	405	234
Seeds, bulbs, plants, and trees	821	1 946	926	1 071	678	1 910	740	1 045
Commercial fertilizer	887	4 365	962	3 079	709	4 233	726	2 987
Other agricultural chemicals including lime	828	1 597	650	754	680	1 576	554	735
Hired farm labor	417	2 715	395	2 263	387	2 579	333	2 077
Contract labor	64	128	38	57	55	127	25	55
Customwork, machine hire, and rental of machinery and equipment	547	557	549	434	456	529	432	407
Energy and petroleum products	1 059	2 518	(NA)	(NA)	807	2 401	(NA)	(NA)
Petroleum products	1 059	1 904	1 189	1 505	807	1 821	832	1 434
Gasoline	980	770	(NA)	(NA)	736	714	799	858
Diesel fuel	585	627	(NA)	(NA)	536	613	422	346
LP gas, butane, and propane	165	279	(NA)	(NA)	154	277	112	92
Fuel oil	91	59	(NA)	(NA)	80	(D)		
Natural gas	23	53	(NA)	(NA)	22	(D)	830	137
Kerosene, motor oil, and grease	1 059	116	(NA)	(NA)	807	108		
Electricity	754	602	(NA)	(NA)	608	568	(NA)	(NA)
Other—coal, wood, coke, etc.	39	13	(NA)	(NA)	29	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	882	134 167	704	130 491	726	106 032
Cropland fertilized, except pasture	877	133 441	704	129 968	(NA)	104 609
Pasture and rangeland fertilized	47	726	28	523	(NA)	1 423
Lime	193	5 772	159	5 445	97	4 327
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	323	53 713	300	53 344	(NA)	25 208
Nematodes in crops	75	8 995	61	8 931	2	(D)
Diseases in crops and orchards	83	6 927	68	6 794	23	3 221
Weeds, grass, or brush in crops and pasture	662	87 616	532	85 707	(NA)	56 763
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	476	5	476	6	217
Insect control on livestock and poultry	272	(X)	215	(X)	45	(X)
Sanitation and rodent and bird control	209	(X)	176	(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	1 063	1 181	807	822
$1,000	39 081	26 470	36 332	23 137
Average per farm—dollars	36 765	22 413	45 021	28 147
Farms by value group:				
$1 to $4,999	84	179	45	60
$5,000 to $9,999	278	240	138	107
$10,000 to $19,999	192	287	130	211
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	132	201	131	183
$30,000 to $49,999	116	163	106	152
$50,000 to $69,999	65	48	63	47
$70,000 to $99,999	96	63	96	62
$100,000 to $199,999	73		72	
$200,000 or more	27		26	

	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	786	1 108	499	606	411	502	981	1 403	874
Motortrucks including pickups	875	1 432	496	647	518	785	979	1 399	623
Wheel tractors	991	2 787	260	424	939	2 363	1 109	2 754	483
Grain and bean combines, self-propelled only	372	405	80	86	309	319	258	269	80
Corn heads for combines	314	370	85	92	246	278	195	215	81
Other cornpickers and picker-shellers	325	339	37	37	288	302	392	420	69
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	387	423	133	134	264	289	332	345	98
Pickup balers	454	466	99	100	360	366	525	544	94
Field forage harvesters, shear bar or flywheel type	264	322	86	91	195	231	298	333	72

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	417	146	(X)	358	(X)	387	333
Workers	1 874	(X)	449	(X)	1 425	1 801	1 781
Farms with—							
1 worker	115	67	67	109	109	105	133
2 workers	108	46	92	95	190	94	65
3 or 4 workers	93	19	62	71	226	88	62
5 to 9 workers	74	9	64	61	390	74	49
10 workers or more	27	5	164	22	510	26	24

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	701	(X)	765	(X)	530	(X)	547	(X)
Any cattle, hogs, or sheep	587	(X)	683	(X)	478	(X)	516	(X)
Sales:								
Any livestock or poultry and their products $1,000	610	21 124	693	18 015	494	20 213	534	16 463
Any cattle, hogs, or sheep $1,000	548	8 146	637	(NA)	467	7 553	514	5 149
CATTLE AND CALVES								
Inventory:								
Cattle and calves	481	28 245	603	33 014	399	26 589	462	30 419
Cows and heifers that had calved	371	12 684	467	15 405	317	12 169	379	14 402
Beef cows	199	2 603	256	4 063	150	2 234	177	3 256
Milk cows	200	10 081	251	11 342	192	9 935	230	11 146
Heifers and heifer calves	377	9 972	(NA)	(NA)	329	9 634	321	8 887
Steers, steer calves, bulls and bull calves	404	5 589	(NA)	(NA)	336	4 786	374	7 130
Sales:								
Cattle and calves	433	11 824	533	13 202	376	10 975	441	11 829
$1,000	(X)	4 650	(X)	(NA)	(X)	4 274	(X)	3 507
Calves	213	3 574	(NA)	(NA)	196	3 422	187	3 323
$1,000	(X)	328	(X)	(NA)	(X)	311	(X)	200
Cattle	395	8 250	(NA)	(NA)	343	7 553	417	8 506
$1,000	(X)	4 322	(X)	(NA)	(X)	3 963	(X)	3 307
Fattened cattle	168	4 606	(NA)	(NA)	141	4 082	151	4 078
$1,000	(X)	2 443	(X)	(NA)	(X)	2 164	(X)	1 812
Dairy products $1,000	171	11 912	(NA)	(NA)	168	11 710	204	10 506
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	170	24 934	187	15 683	135	23 927	132	14 571
Used or to be used for breeding	128	3 339	(NA)	(NA)	111	3 115	93	2 162
Other hogs and pigs	156	21 595	(NA)	(NA)	122	20 812	123	12 409
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	136	4 537	134	2 731	118	4 315	103	2 512
Dec. 1 of preceding year and May 31	120	2 242	105	1 455	105	2 114	91	1 341
June 1 and Nov. 30	110	2 295	97	1 276	97	2 201	76	1 171
Sheep and lambs	60	2 845	91	4 603	44	2 371	54	3 644
Ewes 1 year old or older	55	1 798	(NA)	(NA)	40	1 503	53	1 840
Goats	14	104	(NA)	(NA)	4	16	2	(D)
Horses and ponies	210	1 134	230	1 292	118	640	120	647
Sales:								
Hogs and pigs	163	34 732	169	21 458	140	33 173	131	19 880
$1,000	(X)	3 302	(X)	(NA)	(X)	3 148	(X)	1 529
Feeder pigs	51	2 941	35	956	39	2 704	21	713
$1,000	(X)	121	(X)	(NA)	(X)	113	(X)	15
Sheep and lambs	58	2 146	84	3 604	44	1 836	55	2 807
Sheep and lambs shorn	53	2 991	(NA)	(NA)	41	2 449	49	3 012
Pounds of wool	(X)	20 444	(X)	(NA)	(X)	16 938	(X)	24 853
Sheep, lambs, and wool $1,000	58	195	(NA)	(NA)	44	130	55	113
Goats	8	70	(NA)	(NA)	2	(D)	1	(D)
$1,000	(X)	4	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	59	163	60	187	29	106	33	111
$1,000	(X)	235	(X)	(NA)	(X)	199	(X)	64
POULTRY								
Inventory:								
Any poultry	108	(X)	137	(X)	67	(X)	73	(X)
Chickens 3 months old or older	94	97 176	124	61 128	59	89 708	62	51 692
Hens and pullets of laying age	94	(D)	120	59 552	59	(D)	60	50 879
Pullets 3 months old or older	7	(D)	(NA)	(NA)	4	(D)	5	328
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	24	1 628	20	07704	355		11	933
Turkeys	7	350	(NA)	(NA)	3	12	2	(D)
Turkeys for slaughter	6	(D)	(NA)	(NA)	3	12	1	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	–	–	1	(D)
Other poultry	30	(X)	(NA)	(X)	17	(X)	13	(X)
Sales:								
Any poultry	37	(X)	40	(X)	30	(X)	27	(X)
Chickens 3 months old or older	20	41 536	31	38 957	17	39 376	18	36 341
Hens and pullets of laying age	20	(D)	26	38 715	17	(D)	17	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	9	1 109	7	2 639	7	(D)	6	(D)
Turkeys	4	314	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	4	314	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	8	(X)	(NA)	(X)	7	(X)	5	(X)
Poultry and poultry products $1,000	49	482	54	436	39	415	36	381

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	751	87 975	(X)	6	446	651	86 346	(X)	6	446
	1974	857	78 056	(X)	(NA)	(NA)	693	75 313	(X)	1	(D)
For grain or seed (bushels)	1978	728	77 589	6 628 515	6	446	630	76 265	6 553 309	6	446
	1974	796	62 650	3 444 182	(NA)	(NA)	655	61 024	3 379 622	1	(D)
For silage or green chop (tons, green)	1978	222	(D)	142 586	–	–	214	(D)	137 619	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	266	14 134	123 524	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	155	(X)	–	–
Sorghums for all purposes	1978	8	136	(X)	–	–	6	(D)	(X)	–	–
	1974	18	297	(X)	(NA)	(NA)	10	203	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	7	(D)	878	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	163	956	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	330	10 350	452 154	–	–	294	9 975	438 680	–	–
	1974	636	17 899	684 503	(NA)	(NA)	523	16 736	646 571	–	–
Oats for grain (bushels)	1978	298	6 337	398 689	–	–	264	5 967	379 867	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	247	5 404	288 118	–	–
Barley for grain (bushels)	1978	9	134	6 160	–	–	9	134	6 160	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	229	12 145	–	–
Rye for grain (bushels)	1978	18	270	9 579	–	–	14	238	8 709	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	285	8 660	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	229	17 317	482 458	2	(D)	210	17 000	477 452	2	(D)
	1974	171	7 089	151 447	(NA)	(NA)	164	7 008	150 079	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	8	211	29 538	2	(D)	8	211	29 538	2	(D)
	1974	9	77	14 210	(NA)	(NA)	4	76	14 196	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	620	26 794	71 405	2	(D)	480	24 573	67 443	2	(D)
	1974	658	25 533	59 606	(NA)	(NA)	490	22 709	54 142	–	–
Alfalfa hay (tons, dry)	1978	545	18 942	55 770	1	(D)	436	17 341	52 593	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	431	15 215	40 458	–	–
Other tame dry hay (tons, dry) (see text)	1978	96	1 572	3 126	1	(D)	68	1 330	2 733	1	(D)
Field seed crops	1978	18	261	(X)	–	–	13	224	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	326	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	18	261	26 579	–	–	13	224	22 239	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	304	26 611	–	–
All vegetables harvested for sale (see text)	1978	36	2 043	(X)	10	805	31	2 005	(X)	10	805
	1974	34	1 321	(X)	(NA)	(NA)	27	1 309	(X)	6	840
Sweet corn	1978	17	107	(X)	3	(D)	13	71	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	77	(X)	1	(D)
Tomatoes	1978	8	13	(X)	1	(D)	8	13	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	13	(X)	1	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	26	319	(X)	5	36	14	267	(X)	3	(D)
	1974	30	408	(X)	(NA)	(NA)	15	328	(X)	1	(D)
Apples (pounds)	1978	25	274	2 520 155	(NA)	(NA)	14	227	2 497 080	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	290	(NA)	(NA)	(NA)
Peaches (pounds)	1978	7	26	182 360	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	40 100	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	1	380	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	12	51	(X)	5	48	4	(D)	(X)	2	(D)
	1974	9	16	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	9	46	(D)	5	45	3	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	20	1 096	(X)	9	520	16	1 091	(X)	8	(D)
Other crops	1978	18	2 183	(X)	(NA)	(NA)	17	(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	1 232	244 245	1 380	250 863	1 015	231 479	1 089	232 164
Average size of farm	(X)	198	(X)	182	(X)	228	(X)	213
Approximate land area	(X)	368 000	(X)	368 000	(X)	368 000	(X)	368 000
Proportion in farms, percent	(X)	66.4	(X)	68.2	(X)	62.9	(X)	63.1
Value of land and buildings:[1]								
Average per farm, dollars	163 086	(X)	83 151	(X)	183 790	(X)	95 467	(X)
Average per acre, dollars	(X)	843	(X)	457	(X)	832	(X)	448
Land in farms according to use:								
Total cropland	1 209	192 331	1 362	189 610	1 001	184 628	1 081	178 506
Harvested cropland	1 184	157 622	1 327	153 848	988	153 196	1 067	148 219
By acres harvested:								
1 to 9 acres	51	306	40	(NA)	14	77	9	(NA)
10 to 19 acres	96	1 352	134	(NA)	35	524	34	(NA)
20 to 29 acres	85	2 006	115	(NA)	43	1 011	55	(NA)
30 to 49 acres	198	7 416	234	(NA)	153	5 810	174	(NA)
50 to 99 acres	269	18 847	299	(NA)	260	(D)	290	(NA)
100 to 199 acres	252	34 559	300	(NA)	250	(D)	300	(NA)
200 to 499 acres	193	59 491	167	(NA)	193	59 491	167	(NA)
500 to 999 acres	31	21 272	33	(NA)	31	21 272	33	(NA)
1,000 acres or more	9	12 373	5	(NA)	9	12 373	5	(NA)
Cropland used only for pasture	435	14 022	556	17 015	358	12 970	450	14 144
Other cropland	604	20 687	600	18 747	493	18 462	482	16 143
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	186	4 710	(NA)	(NA)	152	4 216	114	2 666
Cropland on which all crops failed	27	658	(NA)	(NA)	19	599	53	1 145
Cropland in cultivated summer fallow	207	4 768	(NA)	(NA)	160	4 150	238	5 913
Cropland idle	397	10 551	(NA)	(NA)	330	9 497	226	6 419
Total woodland	777	24 250	865	26 225	656	21 772	709	23 326
Woodland pastured	166	4 379	(NA)	(NA)	140	3 929	197	5 402
Woodland not pastured	675	19 871	(NA)	(NA)	574	17 843	591	17 924
Other land	1 022	27 664	1 168	35 028	840	25 079	934	30 332
Pastureland and rangeland, other than cropland and woodland pastured	229	9 531	(NA)	(NA)	200	8 896	212	9 655
Land in house lots, ponds, roads, wasteland, etc	985	18 133	(NA)	(NA)	810	16 183	904	20 677
Pastureland, all types	641	27 932	(NA)	(NA)	528	25 795	(NA)	29 201
Irrigated land	39	2 834	26	1 262	37	(D)	25	(D)
Harvested cropland irrigated	38	2 692	(NA)	(NA)	36	(D)	24	1 244
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	(D)
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	3	14
Land set aside in the federal farm programs in 1978	369	7 728	(X)	(X)	343	7 579	(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]	1 232	45 294	1 380	34 111	1 015	45 024	1 089	33 719
Average per farm, dollars	(X)	36 765	(X)	24 718	(X)	44 359	(X)	30 963
Farms by value of agricultural products sold:[1]								
$100,000 or more	104	22 691	67	(NA)	104	22 691	67	(NA)
$40,000 to $99,999	200	13 035	165	(NA)	200	13 035	165	(NA)
$20,000 to $39,999	169	4 774	194	(NA)	169	4 774	194	(NA)
$10,000 to $19,999	181	2 508	228	(NA)	181	2 508	228	(NA)
$5,000 to $9,999	191	1 379	241	(NA)	191	1 379	241	(NA)
$2,500 to $4,999	170	637	179	(NA)	170	637	179	(NA)
Less than $2,500 (see text)	216	(D)	306	(NA)	(X)	(X)	15	(NA)
$2,000 to $2,499	46	102	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	48	82	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	42	53	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	80	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 000	17 904	1 226	15 207	868	17 727	(NA)	14 943
Grains	889	11 065	(NA)	(NA)	787	10 939	936	10 759
Commodity Credit Corporation loans	85	789	(NA)	(NA)	82	788	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	286	957	(NA)	(NA)	245	919	319	818
Vegetables, sweet corn, and melons	64	3 151	(NA)	(NA)	56	3 142	33	1 688
Fruits, nuts, and berries	61	2 310	(NA)	(NA)	54	2 307	48	1 253
Nursery and greenhouse products	8	(D)	9	370	7	(D)	6	369
Other crops	4	(D)	(NA)	(NA)	4	(D)	5	55
Livestock, poultry, and their products	753	27 390	866	18 799	661	27 298	745	18 676
Poultry and poultry products	43	3 942	60	1 898	28	3 939	39	1 894
Dairy products	249	14 825	(NA)	(NA)	249	14 825	295	10 350
Cattle and calves	601	5 240	(NA)	(NA)	547	5 183	637	4 376
Hogs and pigs	197	3 184	(NA)	(NA)	177	3 168	211	1 821
Sheep, lambs, and wool	39	119	(NA)	(NA)	26	110	47	139
Other livestock and livestock products (see text)	44	80	(NA)	(NA)	31	74	35	96

[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	1 232	1 380	244 245	1 184	242 042	157 622	39	12 894	8 195	2 834
Farms with –										
1 to 9 acres	23	20	65	7	41	31	2	(D)	(D)	(D)
10 to 49 acres	195	202	6 517	178	6 060	3 508	3	125	43	23
50 to 69 acres	88	103	5 153	85	4 983	2 795	3	174	24	11
70 to 99 acres	183	236	14 810	177	14 331	7 473	3	236	120	26
100 to 139 acres	161	189	18 671	159	18 451	10 634	2	(D)	(D)	(D)
140 to 179 acres	125	153	19 672	123	19 339	11 113	4	650	318	121
180 to 219 acres	90	104	17 776	90	17 776	10 532	7	1 442	1 105	301
220 to 259 acres	85	89	20 154	84	19 904	12 313	3	708	380	54
260 to 499 acres	196	203	70 213	195	69 943	47 400	3	1 098	525	10
500 to 999 acres	70	73	47 243	70	47 243	34 096	7	5 083	3 611	1 113
1,000 to 1,999 acres	12	7	15 011	12	15 011	11 466	1	(D)	(D)	(D)
2,000 acres or more	4	1	8 960	4	8 960	6 261	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 232	244 245	1 380	250 863	1 015	231 479	1 089	232 164
Harvested cropland	1 184	157 622	1 327	153 848	988	153 196	1 067	148 219
Tenure of operator:								
Full owners	780	101 605	927	121 820	593	90 653	670	105 855
Harvested cropland	738	57 054	(NA)	65 320	571	53 506	(NA)	60 422
Part owners	390	134 041	389	119 656	366	132 425	362	117 304
Harvested cropland	388	95 168	(NA)	82 479	365	94 413	(NA)	81 855
Tenants	62	8 599	64	9 387	56	8 401	57	9 005
Harvested cropland	58	5 400	(NA)	6 049	52	5 277	(NA)	5 942
Type of organization:								
Individual or family	1 096	195 295	(NA)	(NA)	893	183 519	997	193 475
Partnership	120	43 256	(NA)	(NA)	107	(D)	84	34 228
Corporation	12	5 100	(NA)	(NA)	12	5 100	7	(D)
Other—cooperative, estate or trust, institutional, etc.	4	594	(NA)	(NA)	3	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974		1978	[1]1974	1978	[1]1974
Operators by principal occupation:					Operators by place of residence:				
Farming	625	731	584	673	On farm operated	1 032	1 095	862	878
Other	607	641	431	408	Not on farm operated	109	107	80	77
Operators by age group:					Not reported	91	170	73	126
Under 25 years	32	29	24	19	Operators reporting days of work off farm:				
25 to 34 years	187	187	160	153	None	461	432	425	391
35 to 44 years	298	314	246	228	1 to 49 days	55	61	51	55
45 to 54 years	299	328	245	259	50 to 99 days	18	28	17	25
55 to 64 years	254	322	215	263	100 to 149 days	26	17	22	14
65 years and over	162	192	125	159	150 to 199 days	41	65	31	49
Average age	48.2	49.2	48.0	49.7	200 days or more	564	570	411	370

[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	482	2 755	506	2 145	420	2 706	380	2 092
Feed for livestock and poultry	724	5 640	767	3 779	637	5 609	613	3 726
Commercially mixed formula feeds	328	3 983	534	2 396	308	3 974	443	2 375
Animal health costs	642	428	(NA)	(NA)	580	423	523	260
Seeds, bulbs, plants, and trees	975	1 563	1 091	1 027	873	1 536	957	1 009
Commercial fertilizer	1 042	3 937	1 152	2 842	893	3 865	980	2 793
Other agricultural chemicals including lime	985	1 711	837	865	861	1 693	758	856
Hired farm labor	453	2 616	416	1 675	397	2 576	381	1 670
Contract labor	48	173	31	98	48	173	25	96
Customwork, machine hire, and rental of machinery and equipment	645	511	669	491	574	491	566	471
Energy and petroleum products	1 230	2 980	(NA)	(NA)	1 003	2 869	(NA)	(NA)
Petroleum products	1 230	2 182	1 319	1 590	1 003	2 105	1 045	1 526
Gasoline	1 150	1 027	(NA)	(NA)	935	974	1 012	926
Diesel fuel	674	795	(NA)	(NA)	605	783	583	379
LP gas, butane, and propane	168	156	(NA)	(NA)	148	154	128	86
Fuel oil	106	42	(NA)	(NA)	101	42		
Natural gas	15	8	(NA)	(NA)	15	8	1 043	135
Kerosene, motor oil, and grease	1 230	154	(NA)	(NA)	1 003	144		
Electricity	932	787	(NA)	(NA)	755	757	(NA)	(NA)
Other—coal, wood, coke, etc.	46	12	(NA)	(NA)	29	7	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	1 042	128 527	893	125 365	980	113 802
Cropland fertilized, except pasture	1 042	127 975	893	124 875	(NA)	113 027
Pasture and rangeland fertilized	40	552	29	490	(NA)	775
Lime	215	6 102	207	6 046	126	4 628
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	406	38 380	365	37 948	(NA)	23 308
Nematodes in crops	80	5 059	64	4 888	6	1 267
Diseases in crops and orchards	90	6 112	78	6 004	37	2 352
Weeds, grass, or brush in crops and pasture	712	79 515	618	78 245	(NA)	58 171
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	20	1 042	20	1 042	12	852
Insect control on livestock and poultry	329	(X)	308	(X)	92	(X)
Sanitation and rodent and bird control	204	(X)	193	(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	1 230	1 314	1 003	1 039
$1,000	45 373	30 395	43 460	27 757
Average per farm—dollars	36 889	23 132	43 330	26 715
Farms by value group:				
$1 to $4,999	59	207	43	114
$5,000 to $9,999	315	248	145	157
$10,000 to $19,999	284	303	259	245

	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	148	217	137	193
$30,000 to $49,999	151	196	146	187
$50,000 to $69,999	103	73	103	73
$70,000 to $99,999	52	70	52	70
$100,000 to $199,999	74		74	
$200,000 or more	44		44	

	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	1 000	1 370	651	763	473	607	1 154	1 520	931
Motortrucks including pickups	1 052	1 376	667	734	538	642	1 096	1 450	675
Wheel tractors	1 154	3 102	275	450	1 092	2 652	1 244	3 128	505
Grain and bean combines, self-propelled only	391	429	116	117	277	312	291	304	95
Corn heads for combines	303	310	122	125	184	185	224	234	96
Other cornpickers and picker-shellers	409	417	59	60	350	357	534	554	105
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	495	507	154	160	343	347	431	444	148
Pickup balers	585	600	122	125	467	475	572	579	112
Field forage harvesters, shear bar or flywheel type	229	263	74	82	164	181	291	320	97

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

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	453	124	(X)	402	(X)	397	381
Workers	2 344	(X)	289	(X)	2 055	2 267	2 275
Farms with—							
1 worker	170	48	48	161	161	125	159
2 workers	64	46	92	66	132	63	60
3 or 4 workers	99	21	67	75	244	89	64
5 to 9 workers	67	7	(D)	49	278	67	39
10 workers or more	53	2	(D)	51	1 240	53	59

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	833	(X)	933	(X)	694	(X)	751	(X)
Any cattle, hogs, or sheep	760	(X)	876	(X)	657	(X)	718	(X)
Sales:								
Any livestock or poultry and their products $1,000	753	27 390	866	18 799	661	27 298	745	18 676
Any cattle, hogs, or sheep $1,000	715	8 543	832	(NA)	639	8 460	726	6 336
CATTLE AND CALVES								
Inventory:								
Cattle and calves	658	37 103	783	39 657	575	36 301	651	38 205
Cows and heifers that had calved	457	16 392	549	16 395	405	16 081	459	15 803
Beef cows	207	3 352	267	3 801	163	3 059	187	3 263
Milk cows	279	13 040	340	12 594	268	13 022	316	12 540
Heifers and heifer calves	468	11 713	(NA)	(NA)	419	11 517	429	10 490
Steers, steer calves, bulls and bull calves	561	8 998	(NA)	(NA)	489	8 703	574	11 912
Sales:								
Cattle and calves	601	15 883	709	16 019	547	15 668	637	15 668
$1,000	(X)	5 240	(X)	(NA)	(X)	5 183	(X)	4 376
Calves	304	6 046	(NA)	(NA)	287	5 953	302	3 805
$1,000	(X)	806	(X)	(NA)	(X)	792	(X)	338
Cattle	513	9 837	(NA)	(NA)	472	9 715	561	11 863
$1,000	(X)	4 434	(X)	(NA)	(X)	4 391	(X)	4 038
Fattened cattle	230	4 534	(NA)	(NA)	204	4 467	197	4 881
$1,000	(X)	2 237	(X)	(NA)	(X)	2 213	(X)	1 904
Dairy products $1,000	249	14 825	(NA)	(NA)	249	14 825	295	10 350
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	206	25 712	270	19 715	176	25 385	207	19 058
Used or to be used for breeding	150	4 235	(NA)	(NA)	132	4 151	144	3 055
Other hogs and pigs	195	21 477	(NA)	(NA)	168	21 234	187	16 003
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	154	4 513	193	3 887	136	4 476	160	3 766
Dec. 1 of preceding year and May 31	128	1 975	160	1 778	115	1 959	137	1 714
June 1 and Nov. 30	129	2 538	146	2 109	119	2 517	125	2 052
Sheep and lambs	38	2 087	55	2 902	25	1 795	47	2 745
Ewes 1 year old or older	38	1 467	(NA)	(NA)	25	1 268	46	1 634
Goats	5	35	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	164	652	206	844	102	418	125	590
Sales:								
Hogs and pigs	197	34 795	262	27 691	177	34 552	211	26 839
$1,000	(X)	3 184	(X)	(NA)	(X)	3 168	(X)	1 821
Feeder pigs	49	6 025	81	5 958	45	5 970	60	5 443
$1,000	(X)	252	(X)	(NA)	(X)	250	(X)	136
Sheep and lambs	38	1 838	51	3 535	26	1 655	46	3 393
Sheep and lambs shorn	38	1 801	(NA)	(NA)	25	1 578	42	2 134
Pounds of wool	(X)	13 466	(X)	(NA)	(X)	11 565	(X)	15 086
Sheep, lambs, and wool $1,000	39	119	(NA)	(NA)	26	110	47	139
Goats	1	(D)	(NA)	(NA)	1	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	26	74	40	77	19	58	28	56
$1,000	(X)	47	(X)	(NA)	(X)	42	(X)	18
POULTRY								
Inventory:								
Any poultry	101	(X)	160	(X)	65	(X)	103	(X)
Chickens 3 months old or older	82	379 009	156	301 902	54	(D)	102	299 357
Hens and pullets of laying age	78	(D)	141	256 404	50	(D)	90	254 595
Pullets 3 months old or older	12	(D)	(NA)	(NA)	8	274	5	44 047
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	1	(D)	4	55 090
Broilers and other meat-type chickens	36	1 506	17	735	21	1 092	7	282
Turkeys	6	61	(NA)	(NA)	6	61	1	(D)
Turkeys for slaughter	5	41	(NA)	(NA)	5	41	1	(D)
Turkey hens kept for breeding	5	20	(NA)	(NA)	5	20	–	–
Other poultry	29	(X)	(NA)	(X)	15	(X)	5	(X)
Sales:								
Any poultry	30	(X)	26	(X)	21	(X)	20	(X)
Chickens 3 months old or older	9	344 220	23	276 957	7	(D)	19	276 792
Hens and pullets of laying age	9	344 220	22	(D)	7	(D)	18	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	13	1 056	3	349	7	800	1	(D)
Turkeys	3	(D)	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	9	(X)	(NA)	(X)	7	(X)	–	(X)
Poultry and poultry products $1,000	43	3 942	60	1 898	28	3 939	39	1 894

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	929	70 207	(X)	10	573	826	68 829	(X)	10	573
	1974	1 059	67 753	(X)	(NA)	(NA)	919	66 172	(X)	2	(D)
For grain or seed (bushels)	1978	904	59 968	4 955 073	10	(D)	802	58 676	4 885 573	10	(D)
	1974	1 025	56 250	3 613 338	(NA)	(NA)	894	54 759	3 545 717	–	–
For silage or green chop (tons, green)	1978	301	10 239	127 503	1	(D)	294	10 153	125 913	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	343	11 318	130 013	2	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	95	(X)	–	–
Sorghums for all purposes	1978	29	479	(X)	–	–	26	440	(X)	–	–
	1974	27	491	(X)	(NA)	(NA)	23	439	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	7	57	3 174	(NA)	(NA)	7	57	3 174	–	–
For silage or green chop (tons, green)	1978	28	(D)	4 416	–	–	25	(D)	4 041	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	346	2 322	–	–
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)	3	36	(X)	–	–
Wheat for grain (bushels)	1978	518	15 555	655 338	–	–	489	15 222	644 121	–	–
	1974	939	28 807	1 071 312	(NA)	(NA)	828	27 387	1 028 833	–	–
Oats for grain (bushels)	1978	534	12 914	717 100	3	9	486	12 359	695 647	3	9
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	468	9 334	561 079	–	–
Barley for grain (bushels)	1978	13	243	11 428	–	–	13	243	11 428	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	250	9 500	–	–
Rye for grain (bushels)	1978	6	313	2 510	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	129	3 285	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	158	(X)	–	–
Soybeans for beans (bushels)	1978	240	11 895	331 600	1	(D)	230	11 716	328 595	1	(D)
	1974	136	3 904	102 564	(NA)	(NA)	127	3 835	101 233	–	–
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	(D)	(D)	–	–	5	(D)	(D)	–	–
	1974	4	96	14 000	(NA)	(NA)	4	96	14 000	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	782	35 106	95 625	3	24	653	33 255	92 283	3	24
	1974	829	30 400	75 309	(NA)	(NA)	684	28 286	72 545	–	–
Alfalfa hay (tons, dry)	1978	686	24 683	76 228	2	(D)	575	23 204	73 542	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	588	19 353	55 972	–	–
Other tame dry hay (tons, dry) (see text)	1978	166	2 911	5 357	–	–	146	2 688	4 916	–	–
Field seed crops	1978	27	559	(X)	–	–	26	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	86	1 331	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	67	2 220	–	–
Red clover seed (pounds)	1978	27	559	71 609	–	–	26	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	81	1 235	146 375	–	–
All vegetables harvested for sale (see text)	1978	64	3 875	(X)	7	1 264	56	3 839	(X)	6	(D)
	1974	40	2 646	(X)	(NA)	(NA)	34	2 638	(X)	6	861
Sweet corn	1978	11	319	(X)	5	(D)	9	(D)	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	241	(X)	4	110
Tomatoes	1978	3	1	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	13	331	(X)	–	–	11	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	259	(X)	–	–
Land in orchards	1978	60	3 369	(X)	14	712	52	3 300	(X)	12	(D)
	1974	55	2 180	(X)	(NA)	(NA)	42	2 152	(X)	5	191
Apples (pounds)	1978	52	3 123	31 448 901	(NA)	(NA)	46	3 073	31 427 791	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 868	17 565 170	(NA)	(NA)
Peaches (pounds)	1978	17	107	324 788	(NA)	(NA)	15	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	78	195 978	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	2	1 184	(NA)	(NA)	3	(Z)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	22	50	(X)	10	27	17	48	(X)	9	(D)
	1974	17	43	(X)	(NA)	(NA)	12	42	(X)	4	14
Strawberries (pounds)	1978	16	42	163 746	10	27	12	40	162 418	9	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	16	63 268	4	14
Nursery and greenhouse products	1978	8	249	(X)	4	42	7	(D)	(X)	4	42
Other crops	1978	87	8 077	(X)	(NA)	(NA)	85	(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	237	60 079	225	57 190	158	52 234	144	47 456
Average size of farm	(X)	253	(X)	254	(X)	331	(X)	330
Approximate land area	(X)	348 160	(X)	348 160	(X)	348 160	(X)	348 160
Proportion in farms — percent	(X)	17.3	(X)	16.4	(X)	15.0	(X)	13.6
Value of land and buildings:[1]								
Average per farm — dollars	144 016	(X)	84 760	(X)	194 962	(X)	111 465	(X)
Average per acre — dollars	(X)	589	(X)	333	(X)	584	(X)	338
Land in farms according to use:								
Total cropland	234	34 678	218	30 727	156	30 361	139	25 131
Harvested cropland	226	23 701	207	19 198	152	21 618	136	17 315
By acres harvested:								
1 to 9 acres	12	47	17	(NA)	4	12	1	(NA)
10 to 19 acres	30	418	19	(NA)	5	71	4	(NA)
20 to 29 acres	23	518	20	(NA)	9	212	5	(NA)
30 to 49 acres	42	1 594	40	(NA)	24	930	26	(NA)
50 to 99 acres	48	3 479	59	(NA)	41	2 977	48	(NA)
100 to 199 acres	47	6 193	31	(NA)	45	(D)	31	(NA)
200 to 499 acres	20	5 644	18	(NA)	20	5 644	18	(NA)
500 to 999 acres	2	(D)	2	(NA)	2	(D)	2	(NA)
1,000 acres or more	2	(D)	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	125	7 099	138	8 620	89	5 562	85	5 686
Other cropland	127	3 878	76	2 909	92	3 181	44	2 130
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	28	520	(NA)	(NA)	23	446	11	293
Cropland on which all crops failed	28	658	(NA)	(NA)	20	550	6	436
Cropland in cultivated summer fallow	60	1 400	(NA)	(NA)	43	1 187	28	1 071
Cropland idle	57	1 300	(NA)	(NA)	41	998	9	330
Total woodland	157	19 916	145	20 284	114	17 590	96	16 769
Woodland pastured	69	10 456	(NA)	(NA)	54	9 775	59	12 256
Woodland not pastured	109	9 460	(NA)	(NA)	78	7 815	55	4 513
Other land	174	5 485	152	6 179	113	4 283	95	5 556
Pastureland and rangeland, other than cropland and woodland pastured	24	1 254	(NA)	(NA)	14	853	25	3 481
Land in house lots, ponds, roads, wasteland, etc	167	4 231	(NA)	(NA)	109	3 430	93	2 075
Pastureland, all types	163	18 809	(NA)	(NA)	113	16 190	(NA)	21 423
Irrigated land	2	(D)	1	(D)	2	(D)	1	(D)
Harvested cropland irrigated	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	69	1 461	(X)	(X)	62	1 445	(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]	237	4 662	225	3 046	158	4 578	144	2 958
Average per farm — dollars	(X)	19 673	(X)	13 538	(X)	28 976	(X)	20 542
Farms by value of agricultural products sold:[1]								
$100,000 or more	8	2 386	6	(NA)	8	2 386	6	(NA)
$40,000 to $99,999	11	746	8	(NA)	11	746	8	(NA)
$20,000 to $39,999	24	598	18	(NA)	24	598	18	(NA)
$10,000 to $19,999	26	351	31	(NA)	26	351	31	(NA)
$5,000 to $9,999	45	334	40	(NA)	45	334	40	(NA)
$2,500 to $4,999	44	165	40	(NA)	44	165	40	(NA)
Less than $2,500 (see text)	79	84	82	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	14	30	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	21	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	13	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	39	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	161	1 098	157	680	119	1 057	(NA)	635
Grains	90	603	(NA)	(NA)	76	593	65	270
Commodity Credit Corporation loans	10	142	(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	106	467	(NA)	(NA)	75	437	89	345
Vegetables, sweet corn, and melons	7	15	(NA)	(NA)	3	14	2	(D)
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Nursery and greenhouse products	1	(D)	2	(D)	1	(D)	–	–
Other crops	–	–	(NA)	(NA)	–	–	2	(D)
Livestock, poultry, and their products	160	3 564	183	2 352	124	3 521	127	2 309
Poultry and poultry products	9	7	16	3	9	7	7	2
Dairy products	26	1 335	(NA)	(NA)	26	1 335	40	981
Cattle and calves	145	1 898	(NA)	(NA)	113	1 857	119	1 060
Hogs and pigs	18	300	(NA)	(NA)	16	(D)	17	195
Sheep, lambs, and wool	7	17	(NA)	(NA)	7	17	7	21
Other livestock and livestock products (see text)	8	7	(NA)	(NA)	4	(D)	5	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	237	225	60 079	226	58 733	23 701	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	3	2	11	3	11	7	–	–	–	–
10 to 49 acres	28	28	941	25	887	443	1	(D)	(D)	(D)
50 to 69 acres	9	10	505	9	505	217	–	–	–	–
70 to 99 acres	36	19	2 940	34	2 786	1 195	1	(D)	(D)	(D)
100 to 139 acres	35	34	4 136	33	3 916	1 525	–	–	–	–
140 to 179 acres	33	34	5 240	31	4 922	2 112	–	–	–	–
180 to 219 acres	21	24	4 144	21	4 144	2 144	–	–	–	–
220 to 259 acres	16	11	3 832	15	3 592	1 044	–	–	–	–
260 to 499 acres	34	42	12 185	33	11 825	5 156	–	–	–	–
500 to 999 acres	19	19	12 639	19	12 639	4 815	–	–	–	–
1,000 to 1,999 acres	1	1	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	2	1	(D)	2	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	237	60 079	225	57 190	158	52 234	144	47 456
Harvested cropland	226	23 701	207	19 198	152	21 618	136	17 315
Tenure of operator:								
Full owners	146	21 005	167	28 554	79	(D)	96	(D)
Harvested cropland	136	6 984	(NA)	7 973	73	(D)	(NA)	6 470
Part owners	80	37 175	52	27 897	70	36 164	43	26 630
Harvested cropland	80	15 842	(NA)	10 796	70	15 364	(NA)	10 434
Tenants	11	1 899	6	739	9	(D)	5	(D)
Harvested cropland	10	875	(NA)	429	9	(D)	(NA)	411
Type of organization:								
Individual or family	220	42 797	(NA)	(NA)	143	35 197	133	34 396
Partnership	16	(D)	(NA)	(NA)	14	(D)	10	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974		1978	[1]1974	1978	[1]1974
Operators by principal occupation:					Operators by place of residence:				
Farming	99	116	76	96	On farm operated	188	168	131	116
Other	138	108	82	47	Not on farm operated	28	20	17	6
Operators by age group:					Not reported	21	36	10	21
Under 25 years	6	8	4	8	Operators reporting days of work off farm:				
25 to 34 years	21	18	17	16	None	88	73	64	61
35 to 44 years	40	40	28	24	1 to 49 days	11	9	8	8
45 to 54 years	57	60	34	29	50 to 99 days	3	11	2	7
55 to 64 years	68	59	48	43	100 to 149 days	10	–	6	–
65 years and over	45	39	27	23	150 to 199 days	20	13	14	4
Average age	52.6	51.4	51.6	50.6	200 days or more	99	86	60	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	
	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)	Farms	Expenses ($1,000)
Livestock and poultry purchased	66	334	79	365	50	331	55	350
Feed for livestock and poultry	143	576	170	384	87	549	105	354
Commercially mixed formula feeds	50	272	98	122	39	257	68	108
Animal health costs	104	50	(NA)	(NA)	73	48	75	24
Seeds, bulbs, plants, and trees	165	128	131	95	117	117	99	90
Commercial fertilizer	170	318	129	240	120	304	96	231
Other agricultural chemicals including lime	140	77	83	42	96	73	61	41
Hired farm labor	86	256	61	125	55	253	43	122
Contract labor	2	(D)	–	–	2	(D)	–	–
Customwork, machine hire, and rental of machinery and equipment	116	33	80	29	101	31	57	26
Energy and petroleum products	236	327	(NA)	(NA)	146	295	(NA)	(NA)
Petroleum products	236	250	221	182	146	223	143	162
Gasoline	236	149	(NA)	(NA)	146	125	138	116
Diesel fuel	56	56	(NA)	(NA)	50	56	62	27
LP gas, butane, and propane	21	14	(NA)	(NA)	21	14	13	3
Fuel oil	19	4	(NA)	(NA)	19	4		
Natural gas	15	7	(NA)	(NA)	15	7	143	15
Kerosene, motor oil, and grease	236	19	(NA)	(NA)	146	17		
Electricity	151	75	(NA)	(NA)	114	71	(NA)	(NA)
Other—coal, wood, coke, etc.	10	1	(NA)	(NA)	5	1	(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	158	15 140	109	14 323	96	8 150
Cropland fertilized, except pasture	158	14 460	109	13 643	(NA)	8 004
Pasture and rangeland fertilized	8	680	8	680	(NA)	146
Lime	10	474	9	(D)	2	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	70	2 162	38	1 551	(NA)	824
Nematodes in crops	–	–	–	–	1	(D)
Diseases in crops and orchards	–	–	–	–	–	–
Weeds, grass, or brush in crops and pasture	77	7 756	65	7 623	(NA)	5 088
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	4	29
Insect control on livestock and poultry	58	(X)	47	(X)	13	(X)
Sanitation and rodent and bird control	35	(X)	29	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	236	219	146	140
$1,000	6 652	3 855	5 835	3 067
Average per farm—dollars	28 188	17 603	39 966	21 907
Farms by value group:				
$1 to $4,999	15	31	7	11
$5,000 to $9,999	102	53	42	20
$10,000 to $19,999	45	61	28	45
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	16	40	16	33
$30,000 to $49,999	23	24	18	21
$50,000 to $69,999	14	7	14	7
$70,000 to $99,999	4		4	
$100,000 to $199,999	9	3	9	3
$200,000 or more	8		8	

	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	181	241	103	134	93	107	175	217	136
Motortrucks including pickups	172	220	100	110	93	110	180	234	108
Wheel tractors	229	480	57	76	211	404	207	451	54
Grain and bean combines, self-propelled only	31	33	1	(D)	31	(D)	29	29	2
Corn heads for combines	16	17	1	(D)	15	(D)	9	9	1
Other cornpickers and picker-shellers	49	49	2	(D)	47	(D)	60	60	14
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	84	84	33	33	51	51	86	86	24
Pickup balers	115	115	39	39	76	76	130	130	23
Field forage harvesters, shear bar or flywheel type	52	81	15	16	43	65	57	64	17

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	86	11	(X)	82	(X)	55	43
Workers	264	(X)	41	(X)	223	218	199
Farms with—							
1 worker	25	4	4	24	24	9	13
2 workers	18	3	6	17	34	3	8
3 or 4 workers	26	1	(D)	27	88	26	8
5 to 9 workers	15	2	(D)	14	77	15	9
10 workers or more	2	1	(D)	–	–	2	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	179	(X)	194	(X)	127	(X)	127	(X)
Any cattle, hogs, or sheep	162	(X)	177	(X)	119	(X)	121	(X)
Sales:								
Any livestock or poultry and their products, $1,000	160	3 564	183	2 352	124	3 521	127	2 309
Any cattle, hogs, or sheep, $1,000	157	2 215	169	(NA)	123	(D)	125	1 276
CATTLE AND CALVES								
Inventory:								
Cattle and calves	151	8 977	168	10 879	108	8 421	117	9 904
Cows and heifers that had calved	126	3 755	149	4 731	92	3 503	106	4 255
Beef cows	102	2 566	119	3 488	69	(D)	79	3 035
Milk cows	32	1 189	48	1 243	30	(D)	41	1 220
Heifers and heifer calves	124	2 996	(NA)	(NA)	93	2 855	100	2 605
Steers, steer calves, bulls and bull calves	134	2 226	(NA)	(NA)	97	2 063	101	3 044
Sales:								
Cattle and calves	145	4 627	158	4 084	113	4 491	119	3 849
$1,000	(X)	1 898	(X)	(NA)	(X)	1 857	(X)	1 060
Calves	71	916	(NA)	(NA)	60	876	68	996
$1,000	(X)	176	(X)	(NA)	(X)	169	(X)	126
Cattle	130	3 711	(NA)	(NA)	98	3 615	106	2 853
$1,000	(X)	1 722	(X)	(NA)	(X)	1 689	(X)	934
Fattened cattle	30	2 171	(NA)	(NA)	23	2 152	25	1 358
$1,000	(X)	1 085	(X)	(NA)	(X)	1 078	(X)	538
Dairy products, $1,000	26	1 335	(NA)	(NA)	26	1 335	40	981
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	27	2 855	29	2 301	22	2 836	20	2 259
Used or to be used for breeding	18	(D)	(NA)	(NA)	17	(D)	11	207
Other hogs and pigs	26	(D)	(NA)	(NA)	21	(D)	20	2 052
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	21	559	13	412	19	(D)	12	(D)
Dec. 1 of preceding year and May 31	17	263	10	195	15	(D)	10	195
June 1 and Nov. 30	16	296	12	217	15	(D)	11	(D)
Sheep and lambs	7	610	11	474	7	610	6	461
Ewes 1 year old or older	7	321	(NA)	(NA)	7	321	6	303
Goats	5	32	(NA)	(NA)	4	(D)	–	–
Horses and ponies	47	186	53	241	28	108	21	99
Sales:								
Hogs and pigs	18	3 606	20	3 097	16	(D)	17	3 082
$1,000	(X)	300	(X)	(NA)	(X)	(D)	(X)	195
Feeder pigs	10	625	11	933	9	(D)	10	(D)
$1,000	(X)	27	(X)	(NA)	(X)	(D)	(X)	14
Sheep and lambs	7	422	11	504	7	422	7	500
Sheep and lambs shorn	7	356	(NA)	(NA)	7	356	5	322
Pounds of wool	(X)	2 863	(X)	(NA)	(X)	2 863	(X)	2 552
Sheep, lambs, and wool, $1,000	7	17	(NA)	(NA)	7	17	7	21
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	6	11	6	25	3	8	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	5	(X)	(Z)
POULTRY								
Inventory:								
Any poultry	46	(X)	47	(X)	29	(X)	22	(X)
Chickens 3 months old or older	41	913	45	1 515	26	680	21	780
Hens and pullets of laying age	40	827	42	1 221	26	(D)	19	586
Pullets 3 months old or older	6	86	(NA)	(NA)	4	(D)	3	175
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	9	101	8	482	4	35	5	341
Turkeys	6	413	(NA)	(NA)	4	(D)	3	66
Turkeys for slaughter	5	(D)	(NA)	(NA)	3	(D)	3	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	17	(X)	(NA)	(X)	10	(X)	6	(X)
Sales:								
Any poultry	9	(X)	9	(X)	9	(X)	6	(X)
Chickens 3 months old or older	2	(D)	5	197	2	(D)	3	(D)
Hens and pullets of laying age	2	(D)	5	197	2	(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	2	(D)	1	(D)	2	(D)	–	–
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	1	(X)	1	(X)
Poultry and poultry products, $1,000	9	7	16	3	9	7	7	2

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	112	6 969	(X)	–	–	92	6 741	(X)	–	–
	1974	110	5 404	(X)	(NA)	(NA)	90	5 158	(X)	–	–
For grain or seed (bushels)	1978	92	4 582	326 309	–	–	79	4 473	320 934	–	–
	1974	71	2 182	129 880	(NA)	(NA)	60	2 105	125 802	–	–
For silage or green chop (tons, green)	1978	52	2 387	25 583	–	–	45	2 268	24 029	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	49	3 015	30 597	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	38	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	20	566	22 035	–	–	20	566	22 035	–	–
	1974	55	1 067	39 691	(NA)	(NA)	46	1 011	37 776	–	–
Oats for grain (bushels)	1978	81	1 953	103 274	–	–	68	1 823	97 319	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	69	1 472	96 565	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	111	4 079	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	8	207	4 467	–	–	8	207	4 467	–	–
	1974	6	178	3 134	(NA)	(NA)	6	178	3 134	–	–
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	1	71	–	–	1	(D)	(D)	–	–
	1974	4	2	240	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	202	14 118	31 538	–	–	138	12 423	29 301	–	–
	1974	179	10 500	22 440	(NA)	(NA)	121	9 090	20 201	–	–
Alfalfa hay (tons, dry)	1978	165	9 424	22 278	–	–	120	8 278	20 716	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	97	5 734	13 684	–	–
Other tame dry hay (tons, dry) (see text)	1978	45	2 403	5 725	–	–	25	1 994	5 188	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	406	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	399	33 621	–	–
All vegetables harvested for sale (see text)	1978	7	44	(X)	1	(D)	3	35	(X)	1	(D)
	1974	6	29	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	7	45	(X)	–	–	2	(D)	(X)	–	–
	1974	10	16	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	7	37	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	1	(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)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	5	13	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
Other crops	1978	7	276	(X)	(NA)	(NA)	6	(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	92	26 142	83	22 363	59	21 193	54	18 397
Average size of farm	(X)	284	(X)	269	(X)	359	(X)	341
Approximate land area	(X)	749 440	(X)	749 440	(X)	749 440	(X)	749 440
Proportion in farms — percent	(X)	3.5	(X)	3.0	(X)	2.8	(X)	2.5
Value of land and buildings:[1]								
Average per farm — dollars	83 763	(X)	56 627	(X)	100 433	(X)	67 241	(X)
Average per acre — dollars	(X)	295	(X)	210	(X)	280	(X)	197
Land in farms according to use:								
Total cropland	91	12 193	83	10 782	58	9 909	54	9 044
Harvested cropland	90	7 620	82	5 958	58	6 309	53	5 242
By acres harvested:								
1 to 9 acres	3	14	6	(NA)	1	(D)	4	(NA)
10 to 19 acres	8	121	9	(NA)	2	(D)	2	(NA)
20 to 29 acres	11	268	9	(NA)	5	125	–	(NA)
30 to 49 acres	17	641	16	(NA)	10	393	8	(NA)
50 to 99 acres	24	1 509	22	(NA)	17	1 103	19	(NA)
100 to 199 acres	18	2 087	14	(NA)	14	1 675	14	(NA)
200 to 499 acres	8	(D)	6	(NA)	8	(D)	6	(NA)
500 to 999 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	49	2 754	55	3 400	31	2 225	37	2 528
Other cropland	25	1 819	19	1 424	15	1 375	15	1 274
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	11	881	(NA)	(NA)	7	840	6	275
Cropland on which all crops failed	1	(D)	(NA)	(NA)	–	–	2	(D)
Cropland in cultivated summer fallow	8	(D)	(NA)	(NA)	6	(D)	2	(D)
Cropland idle	15	783	(NA)	(NA)	10	(D)	6	867
Total woodland	79	11 633	72	8 187	54	9 374	46	6 447
Woodland pastured	51	5 890	(NA)	(NA)	34	4 788	27	2 376
Woodland not pastured	49	5 743	(NA)	(NA)	32	4 586	37	4 071
Other land	59	2 316	56	3 394	40	1 910	39	2 906
Pastureland and rangeland, other than cropland and woodland pastured	11	660	(NA)	(NA)	8	585	14	2 134
Land in house lots, ponds, roads, wasteland, etc	59	1 656	(NA)	(NA)	40	1 325	37	772
Pastureland, all types	74	9 304	(NA)	(NA)	47	7 598	(NA)	7 038
Irrigated land	5	343	3	305	4	(D)	3	305
Harvested cropland irrigated	5	343	(NA)	(NA)	4	(D)	3	305
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	1	(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]	92	1 146	83	1 257	59	1 114	54	1 223
Average per farm — dollars	(X)	12 459	(X)	15 145	(X)	18 874	(X)	22 648
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	3	(NA)	2	(D)	3	(NA)
$40,000 to $99,999	4	(D)	1	(NA)	4	(D)	1	(NA)
$20,000 to $39,999	11	314	6	(NA)	11	314	6	(NA)
$10,000 to $19,999	8	97	12	(NA)	8	97	12	(NA)
$5,000 to $9,999	20	139	18	(NA)	20	139	18	(NA)
$2,500 to $4,999	14	49	12	(NA)	14	49	12	(NA)
Less than $2,500 (see text)	33	33	31	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	6	13	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	8	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	18	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	49	560	50	812	33	544	(NA)	798
Grains	14	65	(NA)	(NA)	11	63	14	(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	33	103	(NA)	(NA)	22	90	22	73
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	2	(D)	–	–
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	6	384	(NA)	(NA)	6	384	7	670
Livestock, poultry, and their products	64	586	68	418	46	569	44	400
Poultry and poultry products	3	(D)	8	65	3	(D)	5	65
Dairy products	15	223	(NA)	(NA)	15	223	23	216
Cattle and calves	60	265	(NA)	(NA)	44	249	42	90
Hogs and pigs	1	(D)	(NA)	(NA)	–	–	5	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	4	37	(NA)	(NA)	3	(D)	5	25

[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	92	83	26 142	90	25 702	7 620	5	2 326	560	343
Farms with—										
1 to 9 acres	–	–	–	–	–	–	–	–	–	–
10 to 49 acres	6	3	(D)	5	(D)	(D)	1	(D)	(D)	(D)
50 to 69 acres	2	4	(D)	2	(D)	(D)	–	–	–	–
70 to 99 acres	8	12	644	8	644	200	–	–	–	–
100 to 139 acres	16	12	1 852	16	1 852	702	–	–	–	–
140 to 179 acres	10	8	1 520	10	1 520	422	–	–	–	–
180 to 219 acres	9	8	1 830	9	1 830	572	–	–	–	–
220 to 259 acres	6	7	1 408	6	1 408	457	–	–	–	–
260 to 499 acres	22	20	8 188	21	7 788	2 498	1	(D)	(D)	(D)
500 to 999 acres	10	7	6 796	10	6 796	1 526	3	(D)	(D)	(D)
1,000 to 1,999 acres	3	1	3 565	3	3 565	1 103	–	–	–	–
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	92	26 142	83	22 363	59	21 193	54	18 397
Harvested cropland	90	7 620	82	5 958	58	6 309	53	5 242
Tenure of operator:								
Full owners	53	12 991	51	13 003	31	(D)	28	9 596
Harvested cropland	51	(D)	(NA)	2 277	30	(D)	(NA)	1 747
Part owners	37	(D)	32	9 360	27	11 256	26	8 801
Harvested cropland	37	4 474	(NA)	3 681	27	3 898	(NA)	3 495
Tenants	2	(D)	–	–	1	(D)	–	–
Harvested cropland	2	(D)	(NA)	–	1	(D)	(NA)	–
Type of organization:								
Individual or family	84	22 187	(NA)	(NA)	51	17 238	51	15 341
Partnership	4	1 459	(NA)	(NA)	4	1 459	–	–
Corporation	4	2 496	(NA)	(NA)	4	2 496	3	3 056
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Operators by principal occupation:				
Farming	39	46	32	37
Other	53	34	27	14
Operators by age group:				
Under 25 years	4	–	2	–
25 to 34 years	7	8	3	5
35 to 44 years	18	20	10	15
45 to 54 years	23	16	14	9
55 to 64 years	33	29	28	17
65 years and over	7	7	2	5
Average age	50.0	51.1	51.3	50.7

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Operators by place of residence:				
On farm operated	70	71	47	46
Not on farm operated	11	4	7	3
Not reported	11	5	5	2
Operators reporting days of work off farm:				
None	24	25	17	21
1 to 49 days	7	4	7	3
50 to 99 days	2	4	2	2
100 to 149 days	6	4	6	2
150 to 199 days	5	9	4	2
200 days or more	45	26	21	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	28	80	24	29	18	76	13	23
Feed for livestock and poultry	62	115	63	104	41	108	42	99
Commercially mixed formula feeds	29	74	35	65	25	73	25	63
Animal health costs	54	9	(NA)	(NA)	34	7	26	7
Seeds, bulbs, plants, and trees	42	38	42	49	31	37	33	48
Commercial fertilizer	46	70	47	54	36	67	39	52
Other agricultural chemicals including lime	32	45	24	26	26	44	20	26
Hired farm labor	33	201	28	80	25	192	25	79
Contract labor	7	5	7	3	6	(D)	5	(D)
Customwork, machine hire, and rental of machinery and equipment	31	12	31	6	20	10	20	5
Energy and petroleum products	92	116	(NA)	(NA)	59	101	(NA)	(NA)
Petroleum products	92	91	81	58	59	81	53	51
Gasoline	91	58	(NA)	(NA)	58	50	53	35
Diesel fuel	27	18	(NA)	(NA)	22	17	17	8
LP gas, butane, and propane	13	(D)	(NA)	(NA)	13	(D)	13	2
Fuel oil	7	3	(NA)	(NA)	7	3		
Natural gas	1	(D)	(NA)	(NA)	1	(D)	53	6
Kerosene, motor oil, and grease	92	9	(NA)	(NA)	59	7		
Electricity	71	23	(NA)	(NA)	49	18	(NA)	(NA)
Other—coal, wood, coke, etc.	13	3	(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		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	45	2 159	36	2 018	39	1 139
Cropland fertilized, except pasture	45	2 045	36	(D)	(NA)	1 091
Pasture and rangeland fertilized	5	114	4	(D)	(NA)	48
Lime	12	537	11	(D)	5	175
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	15	1 070	11	984	(NA)	568
Nematodes in crops	2	(D)	2	(D)	–	–
Diseases in crops and orchards	7	418	6	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	24	1 431	20	1 385	(NA)	872
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	313	5	(D)	1	(D)
Insect control on livestock and poultry	16	(X)	11	(X)	3	(X)
Sanitation and rodent and bird control	10	(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	92	81	59	52
$1,000	2 038	1 451	1 789	1 188
Average per farm—dollars	22 155	17 914	30 322	22 846
Farms by value group:				
$1 to $4,999	4	15	–	5
$5,000 to $9,999	40	21	15	10
$10,000 to $19,999	23	14	19	11

	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	10	15	10	10
$30,000 to $49,999	4	10	4	10
$50,000 to $69,999	2	4	2	4
$70,000 to $99,999	5	2	5	2
$100,000 to $199,999	3		3	
$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	61	78	41	46	26	32	60	79	34
Motortrucks including pickups	77	133	39	46	55	87	73	125	39
Wheel tractors	88	210	11	16	84	194	80	179	15
Grain and bean combines, self-propelled only	14	14	2	(D)	12	(D)	7	7	–
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	2	(D)	–	–	2	(D)	2	(D)	1
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	37	42	14	14	23	28	25	27	10
Pickup balers	55	58	13	14	43	44	49	50	12
Field forage harvesters, shear bar or flywheel type	14	15	2	(D)	12	(D)	10	11	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	Farms	Workers	Farms	Workers	1978	1974
Farms	33	8	(X)	31	(X)	25	25
Workers	165	(X)	27	(X)	138	146	168
Farms with—							
1 worker	6	1	(D)	6	6	3	4
2 workers	11	2	(D)	10	20	8	3
3 or 4 workers	5	3	11	6	19	4	7
5 to 9 workers	7	2	(D)	6	40	6	7
10 workers or more	4	–	–	3	53	4	4

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	73	(X)	72	(X)	46	(X)	46	(X)
Any cattle, hogs, or sheep	67	(X)	66	(X)	44	(X)	43	(X)
Sales:								
Any livestock or poultry and their products $1,000	64	586	68	418	46	569	44	400
Any cattle, hogs, or sheep $1,000	61	276	62	(NA)	44	(D)	43	95
CATTLE AND CALVES								
Inventory:								
Cattle and calves	66	2 138	65	2 662	44	1 914	42	2 227
Cows and heifers that had calved	63	1 252	60	1 347	44	1 148	40	1 098
Beef cows	47	898	43	936	32	811	24	704
Milk cows	20	354	30	411	15	337	26	394
Heifers and heifer calves	54	575	(NA)	(NA)	37	514	40	696
Steers, steer calves, bulls and bull calves	61	311	(NA)	(NA)	42	252	39	433
Sales:								
Cattle and calves	60	871	61	630	44	811	42	534
$1,000	(X)	265	(X)	(NA)	(X)	249	(X)	90
Calves	41	435	(NA)	(NA)	32	410	29	286
$1,000	(X)	107	(X)	(NA)	(X)	102	(X)	25
Cattle	46	436	(NA)	(NA)	35	401	34	248
$1,000	(X)	158	(X)	(NA)	(X)	147	(X)	65
Fattened cattle	6	20	(NA)	(NA)	4	(D)	4	19
$1,000	(X)	8	(X)	(NA)	(X)	(D)	(X)	5
Dairy products $1,000	15	223	(NA)	(NA)	15	223	23	216
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	3	10	10	120	1	(D)	7	112
Used or to be used for breeding	–	–	(NA)	(NA)	–	–	3	15
Other hogs and pigs	3	10	(NA)	(NA)	1	(D)	6	97
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	1	(D)	5	28	–	–	5	28
Dec. 1 of preceding year and May 31	–	–	4	18	–	–	4	18
June 1 and Nov. 30	1	(D)	4	10	–	–	4	10
Sheep and lambs	2	(D)	2	(D)	2	(D)	2	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Goats	1	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	28	129	24	150	14	81	17	100
Sales:								
Hogs and pigs	1	(D)	5	129	–	–	5	129
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(D)
Feeder pigs	–	–	4	108	–	–	4	108
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	3
Sheep and lambs	2	(D)	1	(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	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	3	(D)	7	46	2	(D)	4	34
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	5
POULTRY								
Inventory:								
Any poultry	13	(X)	15	(X)	7	(X)	11	(X)
Chickens 3 months old or older	13	1 974	14	(D)	7	(D)	10	(D)
Hens and pullets of laying age	13	1 974	14	(D)	7	(D)	10	(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	3	54	3	70	1	(D)	3	70
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	2	(X)	3	(X)
Sales:								
Any poultry	3	(X)	2	(X)	3	(X)	2	(X)
Chickens 3 months old or older	2	(D)	1	(D)	2	(D)	1	(D)
Hens and pullets of laying age	2	(D)	1	(D)	2	(D)	1	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	–	–	–	–	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	2	(X)	1	(X)
Poultry and poultry products $1,000	3	(D)	8	65	3	(D)	5	65

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	262	(X)	–	–	9	262	(X)	–	–
	1974	5	46	(X)	(NA)	(NA)	5	46	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	8	(D)	1 505	–	–	8	(D)	1 505	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	536	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	3	45	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	48	1 791	82 556	–	–	36	1 612	77 700	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	976	55 257	–	–
Barley for grain (bushels)	1978	7	99	4 920	–	–	7	99	4 920	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	105	3 645	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	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	380	110 760	4	342	6	380	110 760	4	342
	1974	9	373	109 520	(NA)	(NA)	9	373	109 520	3	305
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	82	5 169	8 412	–	–	50	4 021	7 326	–	–
	1974	72	4 317	8 056	(NA)	(NA)	46	3 720	7 152	–	–
Alfalfa hay (tons, dry)	1978	26	1 297	1 983	–	–	17	1 063	1 709	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	341	545	–	–
Other tame dry hay (tons, dry) (see text)	1978	54	3 232	5 817	–	–	35	2 582	5 210	–	–
Field seed crops	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	3	8	(X)	–	–	2	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	3	(D)	(X)	–	–	2	(D)	(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	2	(D)	(X)	1	(D)	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
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	1	(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	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	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	999	201 906	1 074	204 407	779	185 122	832	183 928
Average size of farm	(X)	202	(X)	190	(X)	238	(X)	221
Approximate land area	(X)	366 080	(X)	366 080	(X)	366 080	(X)	366 080
Proportion in farms — percent	(X)	55.2	(X)	55.8	(X)	50.6	(X)	50.2
Value of land and buildings:[1]								
Average per farm — dollars	150 072	(X)	79 031	(X)	182 738	(X)	91 173	(X)
Average per acre — dollars	(X)	745	(X)	415	(X)	757	(X)	412
Land in farms according to use:								
Total cropland	975	157 150	1 056	155 980	768	147 431	823	143 697
Harvested cropland	943	128 362	1 029	124 475	746	123 040	817	119 724
By acres harvested:								
1 to 9 acres	30	188	46	(NA)	10	47	9	(NA)
10 to 19 acres	83	1 208	98	(NA)	24	358	23	(NA)
20 to 29 acres	74	1 718	83	(NA)	27	635	52	(NA)
30 to 49 acres	152	5 685	157	(NA)	106	4 070	105	(NA)
50 to 99 acres	198	13 928	240	(NA)	176	12 640	223	(NA)
100 to 199 acres	202	28 972	209	(NA)	199	28 627	209	(NA)
200 to 499 acres	168	51 683	166	(NA)	168	51 683	166	(NA)
500 to 999 acres	33	21 668	28	(NA)	33	21 668	28	(NA)
1,000 acres or more	3	3 312	2	(NA)	3	3 312	2	(NA)
Cropland used only for pasture	334	11 951	455	18 400	269	10 262	337	14 163
Other cropland	523	16 837	421	13 105	415	14 129	306	9 810
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	167	3 753	(NA)	(NA)	135	3 207	71	1 617
Cropland on which all crops failed	61	1 251	(NA)	(NA)	44	933	33	1 416
Cropland in cultivated summer fallow	161	3 758	(NA)	(NA)	135	3 364	147	3 239
Cropland idle	288	8 075	(NA)	(NA)	223	6 625	116	3 538
Total woodland	616	25 250	601	24 736	481	20 484	465	19 899
Woodland pastured	169	5 467	(NA)	(NA)	130	4 506	173	6 148
Woodland not pastured	521	19 783	(NA)	(NA)	410	15 978	360	13 751
Other land	768	19 506	836	23 691	603	17 207	642	20 332
Pastureland and rangeland, other than cropland and woodland pastured	116	5 081	(NA)	(NA)	96	4 826	120	5 862
Land in house lots, ponds, roads, wasteland, etc	746	14 425	(NA)	(NA)	583	12 381	608	14 470
Pastureland, all types	466	22 499	(NA)	(NA)	365	19 594	(NA)	26 173
Irrigated land	16	940	8	344	13	923	7	(D)
Harvested cropland irrigated	16	940	(NA)	(NA)	13	923	7	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	275	6 201	(X)	(X)	261	6 084	(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]	999	32 321	1 074	26 868	779	32 054	832	26 581
Average per farm — dollars	(X)	32 353	(X)	25 017	(X)	41 148	(X)	31 948
Farms by value of agricultural products sold:[1]								
$100,000 or more	75	16 552	50	(NA)	75	16 552	50	(NA)
$40,000 to $99,999	129	8 093	127	(NA)	129	8 093	127	(NA)
$20,000 to $39,999	126	3 717	167	(NA)	126	3 717	167	(NA)
$10,000 to $19,999	143	2 083	142	(NA)	143	2 083	142	(NA)
$5,000 to $9,999	146	1 026	192	(NA)	146	1 026	192	(NA)
$2,500 to $4,999	160	584	145	(NA)	160	584	145	(NA)
Less than $2,500 (see text)	220	267	251	(NA)	(X)	(X)	9	(NA)
$2,000 to $2,499	44	96	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	54	94	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	37	45	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	85	31	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	741	8 892	917	9 469	612	8 723	(NA)	9 282
Grains	627	6 596	(NA)	(NA)	548	6 506	698	7 671
Commodity Credit Corporation loans	56	196	(NA)	(NA)	55	(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	298	1 279	(NA)	(NA)	231	1 206	285	996
Vegetables, sweet corn, and melons	9	792	(NA)	(NA)	9	792	14	356
Fruits, nuts, and berries	7	140	(NA)	(NA)	6	(D)	6	118
Nursery and greenhouse products	5	(D)	4	56	2	(D)	3	(D)
Other crops	4	(D)	(NA)	(NA)	3	(D)	7	(D)
Livestock, poultry, and their products	571	23 428	663	17 367	482	23 331	550	17 269
Poultry and poultry products	44	(D)	55	1 001	25	(D)	45	1 000
Dairy products	197	11 485	(NA)	(NA)	194	11 484	245	7 668
Cattle and calves	458	8 399	(NA)	(NA)	401	8 340	485	7 109
Hogs and pigs	130	2 091	(NA)	(NA)	108	2 078	115	1 412
Sheep, lambs, and wool	14	(D)	(NA)	(NA)	12	(D)	6	11
Other livestock and livestock products (see text)	50	179	(NA)	(NA)	34	166	24	69

[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	999	1 074	201 906	943	198 472	128 362	16	4 656	2 055	940
Farms with—										
1 to 9 acres	9	19	34	3	19	16	–	–	–	–
10 to 49 acres	168	156	5 753	136	4 916	3 090	4	158	44	36
50 to 69 acres	41	42	2 463	37	2 225	1 400	–	–	–	–
70 to 99 acres	161	180	12 903	156	12 508	6 572	2	(D)	(D)	(D)
100 to 139 acres	125	160	14 786	125	14 786	8 580	–	–	–	–
140 to 179 acres	102	103	15 948	99	15 478	9 023	2	(D)	(D)	(D)
180 to 219 acres	71	101	14 021	68	13 417	7 751	–	–	–	–
220 to 259 acres	73	69	17 345	72	17 105	10 745	1	(D)	(D)	(D)
260 to 499 acres	162	166	57 804	160	57 169	38 954	3	860	336	226
500 to 999 acres	77	72	49 142	77	49 142	34 705	3	1 970	845	341
1,000 to 1,999 acres	10	6	11 707	10	11 707	7 526	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	999	201 906	1 074	204 407	779	185 122	832	183 928
Harvested cropland	943	128 362	1 029	124 475	746	123 040	817	119 724
Tenure of operator:								
Full owners	610	81 337	659	82 519	414	66 526	443	64 514
Harvested cropland	555	41 870	(NA)	41 580	382	37 207	(NA)	37 494
Part owners	338	111 728	350	111 155	320	109 981	330	109 086
Harvested cropland	337	79 900	(NA)	76 094	319	79 407	(NA)	75 494
Tenants	51	8 841	65	10 733	45	8 615	59	10 328
Harvested cropland	51	6 592	(NA)	6 801	45	6 426	(NA)	6 736
Type of organization:								
Individual or family	908	169 554	(NA)	(NA)	697	153 519	774	162 495
Partnership	88	31 207	(NA)	(NA)	79	30 458	54	19 503
Corporation	3	1 145	(NA)	(NA)	3	1 145	3	(D)
Other—cooperative, estate or trust, institutional, etc.	–	–	(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	502	602	465	541
Other	497	468	314	287
Operators by age group:				
Under 25 years	19	22	17	22
25 to 34 years	121	151	92	101
35 to 44 years	209	211	162	154
45 to 54 years	256	291	200	236
55 to 64 years	273	283	218	224
65 years and over	121	112	90	91
Average age	49.8	49.2	49.7	49.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	797	772	631	605
Not on farm operated	107	95	76	70
Not reported	95	203	72	153
Operators reporting days of work off farm:				
None	399	341	343	310
1 to 49 days	49	37	45	26
50 to 99 days	28	26	27	24
100 to 149 days	20	47	15	30
150 to 199 days	41	78	37	64
200 days or more	432	387	285	235

[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	312	3 606	333	3 706	256	3 561	258	3 662
Feed for livestock and poultry	481	3 299	557	3 118	370	3 248	427	3 076
Commercially mixed formula feeds	270	2 077	372	1 923	233	2 057	312	1 906
Animal health costs	412	218	(NA)	(NA)	320	181	329	128
Seeds, bulbs, plants, and trees	820	1 300	846	852	697	1 177	710	832
Commercial fertilizer	806	2 999	858	2 132	696	2 923	720	2 086
Other agricultural chemicals including lime	698	937	562	456	615	912	490	448
Hired farm labor	475	1 758	323	966	406	1 675	276	953
Contract labor	7	16	27	39	7	16	23	38
Customwork, machine hire, and rental of machinery and equipment	400	371	438	262	347	355	350	245
Energy and petroleum products	992	2 225	(NA)	(NA)	765	2 135	(NA)	(NA)
Petroleum products	992	1 715	1 058	1 185	765	1 650	824	1 122
Gasoline	931	840	(NA)	(NA)	716	791	808	680
Diesel fuel	521	677	(NA)	(NA)	488	674	431	312
LP gas, butane, and propane	65	57	(NA)	(NA)	64	(D)	72	31
Fuel oil	94	22	(NA)	(NA)	44	(D)	824	99
Natural gas	18	11	(NA)	(NA)	18	(D)		
Kerosene, motor oil, and grease	992	108	(NA)	(NA)	765	100		
Electricity	714	495	(NA)	(NA)	598	476	(NA)	(NA)
Other—coal, wood, coke, etc.	64	15	(NA)	(NA)	22	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	800	114 615	696	112 495	720	83 942
Cropland fertilized, except pasture	800	114 329	696	112 209	(NA)	83 605
Pasture and rangeland fertilized	18	286	18	286	(NA)	337
Lime	90	2 276	72	2 152	33	704
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	274	20 141	250	19 793	(NA)	10 670
Nematodes in crops	50	6 024	50	6 024	4	326
Diseases in crops and orchards	51	4 005	50	(D)	10	870
Weeds, grass, or brush in crops and pasture	504	70 865	440	69 630	(NA)	46 576
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	28	1 500	28	1 500	3	160
Insect control on livestock and poultry	212	(X)	164	(X)	48	(X)
Sanitation and rodent and bird control	138	(X)	96	(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	992	1 054	765	818
$1,000	35 630	22 295	33 830	20 424
Average per farm—dollars	35 917	21 153	44 223	24 968
Farms by value group:				
$1 to $4,999	79	148	43	73
$5,000 to $9,999	203	215	72	126
$10,000 to $19,999	168	251	115	189

	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	139	168	132	160
$30,000 to $49,999	149	177	149	176
$50,000 to $69,999	95	57	95	56
$70,000 to $99,999	67	38	67	38
$100,000 to $199,999	74		74	
$200,000 or more	18		18	

	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	776	1 144	495	603	401	541	921	1 223	764
Motortrucks including pickups	807	1 176	445	503	482	673	844	1 093	468
Wheel tractors	915	2 330	256	367	864	1 963	961	2 294	420
Grain and bean combines, self-propelled only	382	410	67	67	326	343	228	237	31
Corn heads for combines	269	269	50	50	219	219	126	126	24
Other cornpickers and picker-shellers	351	367	66	66	300	301	428	436	111
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	321	326	62	63	259	263	276	281	95
Pickup balers	419	431	54	55	374	376	443	445	85
Field forage harvesters, sheor bar or flywheel type	254	322	88	92	195	230	267	300	72

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	475	135	(X)	394	(X)	406	276
Workers	1 530	(X)	274	(X)	1 256	1 352	1 291
Farms with—							
1 worker	178	73	73	147	147	148	95
2 workers	94	35	70	80	160	85	63
3 or 4 workers	142	20	62	124	430	123	59
5 to 9 workers	42	5	(D)	25	153	31	40
10 workers or more	19	2	(D)	18	366	19	19

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	630	(X)	711	(X)	506	(X)	557	(X)
Any cattle, hogs, or sheep	558	(X)	661	(X)	467	(X)	530	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	571	23 428	663	17 367	482	23 331	550	17 269
Any cattle, hogs, or sheep ($1,000)	528	(D)	624	(NA)	459	(D)	529	8 532
CATTLE AND CALVES								
Inventory:								
Cattle and calves	489	32 387	621	39 189	411	31 576	493	37 468
Cows and heifers that had calved	388	11 900	478	13 421	330	11 581	389	12 679
Beef cows	198	2 101	251	3 530	148	1 804	170	2 844
Milk cows	216	9 799	277	9 891	203	9 777	252	9 835
Heifers and heifer calves	386	9 638	(NA)	(NA)	324	9 389	334	7 763
Steers, steer calves, bulls and bull calves	410	10 849	(NA)	(NA)	344	10 606	408	17 026
Sales:								
Cattle and calves	458	19 645	577	20 550	401	19 430	485	20 099
($1,000)	(X)	8 399	(X)	(NA)	(X)	8 340	(X)	7 109
Calves	253	3 898	(NA)	(NA)	229	3 815	229	3 052
($1,000)	(X)	778	(X)	(NA)	(X)	766	(X)	289
Cattle	399	15 747	(NA)	(NA)	355	15 615	433	17 047
($1,000)	(X)	7 620	(X)	(NA)	(X)	7 574	(X)	6 821
Fattened cattle	145	10 423	(NA)	(NA)	121	10 356	160	12 220
($1,000)	(X)	5 280	(X)	(NA)	(X)	5 258	(X)	5 190
Dairy products ($1,000)	197	11 485	(NA)	(NA)	194	11 484	245	7 668
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	140	16 620	133	11 385	111	16 406	112	11 103
Used or to be used for breeding	101	2 563	(NA)	(NA)	84	2 515	69	1 261
Other hogs and pigs	128	14 057	(NA)	(NA)	103	13 891	103	9 842
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	107	3 478	93	1 599	89	3 446	83	1 561
Dec. 1 of preceding year and May 31	82	1 787	72	823	70	1 768	68	807
June 1 and Nov. 30	90	1 691	73	776	80	1 678	65	754
Sheep and lambs	15	343	18	662	13	(D)	12	474
Ewes 1 year old or older	13	214	(NA)	(NA)	11	(D)	10	255
Goats	9	49	(NA)	(NA)	5	30	–	–
Horses and ponies	137	668	138	655	90	458	89	484
Sales:								
Hogs and pigs	130	26 443	126	19 454	108	26 265	115	19 215
($1,000)	(X)	2 091	(X)	(NA)	(X)	2 078	(X)	1 412
Feeder pigs	36	10 159	28	3 212	32	10 124	22	3 027
($1,000)	(X)	421	(X)	(NA)	(X)	419	(X)	75
Sheep and lambs	14	219	11	564	12	(D)	6	489
Sheep and lambs shorn	12	229	(NA)	(NA)	11	(D)	4	222
Pounds of wool	(X)	1 751	(X)	(NA)	(X)	(D)	(X)	1 336
Sheep, lambs, and wool ($1,000)	14	(D)	(NA)	(NA)	12	(D)	6	11
Goats	3	9	(NA)	(NA)	2	(D)	–	–
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	33	98	22	65	24	73	18	59
($1,000)	(X)	147	(X)	(NA)	(X)	138	(X)	61
POULTRY								
Inventory:								
Any poultry	99	(X)	110	(X)	57	(X)	81	(X)
Chickens 3 months old or older	89	(D)	106	63 367	49	(D)	77	61 942
Hens and pullets of laying age	88	(D)	103	62 877	48	(D)	74	61 507
Pullets 3 months old or older	16	246	(NA)	(NA)	10	128	5	277
Pullet chicks and pullets under 3 months old	7	(D)	(NA)	(NA)	3	(D)	1	(D)
Broilers and other meat-type chickens	14	424	13	627	11	332	11	(D)
Turkeys	4	32	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	26	(X)	(NA)	(X)	15	(X)	7	(X)
Sales:								
Any poultry	32	(X)	32	(X)	21	(X)	27	(X)
Chickens 3 months old or older	18	147 760	25	155 862	12	147 568	20	155 752
Hens and pullets of laying age	17	(D)	23	(D)	11	(D)	18	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	4	212	3	136	4	212	3	136
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products ($1,000)	44	(D)	55	1 001	25	(D)	45	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	717	62 726	(X)	7	434	630	61 632	(X)	7	434
	1974	781	56 311	(X)	(NA)	(NA)	670	54 761	(X)	1	(D)
For grain or seed (bushels)	1978	665	44 305	3 102 290	7	434	583	43 357	3 055 897	7	434
	1974	717	39 994	2 378 891	(NA)	(NA)	616	38 688	2 319 530	1	(D)
For silage or green chop (tons, green)	1978	272	18 421	181 014	–	–	264	18 275	179 770	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	302	15 840	168 101	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	233	(X)	–	–
Sorghums for all purposes	1978	22	372	(X)	–	–	22	372	(X)	–	–
	1974	14	241	(X)	(NA)	(NA)	13	(D)	(X)	–	–
For grain or seed (bushels)	1978	3	(D)	2 450	–	–	3	(D)	2 450	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	18	235	2 947	–	–	18	235	2 947	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	131	1 024	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	231	4 926	200 373	–	–	212	4 717	193 947	–	–
	1974	618	17 234	676 676	(NA)	(NA)	554	16 461	652 089	1	(D)
Oats for grain (bushels)	1978	383	8 911	502 866	2	(D)	344	8 473	484 697	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	333	6 204	311 664	–	–
Barley for grain (bushels)	1978	18	780	35 592	–	–	16	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	197	7 456	–	–
Rye for grain (bushels)	1978	15	327	5 116	–	–	14	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	180	3 493	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	406	(X)	–	–
Soybeans for beans (bushels)	1978	155	6 995	180 753	–	–	147	6 867	178 933	–	–
	1974	100	2 376	58 535	(NA)	(NA)	99	(D)	(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	7	(D)	(D)	1	(D)	6	(D)	(D)	1	(D)
	1974	6	5	432	(NA)	(NA)	4	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	650	37 170	80 918	3	76	499	33 706	75 692	1	(D)
	1974	666	28 590	64 920	(NA)	(NA)	534	26 543	61 668	–	–
Alfalfa hay (tons, dry)	1978	580	27 656	66 822	3	46	442	24 630	62 070	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	443	19 538	50 253	–	–
Other tame dry hay (tons, dry) (see text)	1978	90	2 468	3 852	–	–	71	2 224	3 589	–	–
Field seed crops	1978	19	249	(X)	–	–	17	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	64	898	(X)	–	–
Alfalfa seed (pounds)	1978	3	14	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	16	318	–	–
Red clover seed (pounds)	1978	17	235	20 769	–	–	15	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	62	853	102 044	–	–
All vegetables harvested for sale (see text)	1978	9	437	(X)	2	(D)	9	437	(X)	2	(D)
	1974	21	675	(X)	(NA)	(NA)	14	670	(X)	1	(D)
Sweet corn	1978	4	(D)	(X)	1	(D)	4	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	3	5	(X)	1	(D)	3	5	(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	13	132	(X)	1	(D)	11	(D)	(X)	1	(D)
	1974	15	87	(X)	(NA)	(NA)	3	71	(X)	–	–
Apples (pounds)	1978	13	98	(D)	(NA)	(NA)	11	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	6	18	3 088	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	1	1 695	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	7	(D)	(X)	3	27	5	(D)	(X)	3	27
	1974	8	88	(X)	(NA)	(NA)	5	88	(X)	3	76
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	3	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	5	9	(X)	2	(D)	2	(D)	(X)	1	(D)
Other crops	1978	154	9 749	(X)	(NA)	(NA)	149	9 692	(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	1 190	242 219	1 250	245 344	839	216 258	816	212 457
Average size of farm	(X)	204	(X)	196	(X)	258	(X)	260
Approximate land area	(X)	446 720	(X)	446 720	(X)	446 720	(X)	446 720
Proportion in farms, percent	(X)	54.2	(X)	54.9	(X)	48.4	(X)	47.6
Value of land and buildings:[1]								
Average per farm, dollars	181 805	(X)	99 554	(X)	228 934	(X)	128 444	(X)
Average per acre, dollars	(X)	852	(X)	507	(X)	839	(X)	493
Land in farms according to use:								
Total cropland	1 153	175 385	1 223	166 285	817	160 185	802	148 568
Harvested cropland	1 101	139 676	1 152	126 472	798	131 787	788	118 016
By acres harvested:								
1 to 9 acres	102	575	105	(NA)	26	136	20	(NA)
10 to 19 acres	131	1 854	156	(NA)	36	483	37	(NA)
20 to 29 acres	140	3 350	153	(NA)	61	1 493	64	(NA)
30 to 49 acres	195	7 534	208	(NA)	153	5 991	146	(NA)
50 to 99 acres	227	16 166	226	(NA)	218	15 606	218	(NA)
100 to 199 acres	131	18 167	151	(NA)	131	18 167	151	(NA)
200 to 499 acres	126	38 661	119	(NA)	125	(D)	119	(NA)
500 to 999 acres	29	19 415	18	(NA)	29	19 415	18	(NA)
1,000 acres or more	20	33 954	16	(NA)	19	(D)	15	(NA)
Cropland used only for pasture	457	14 807	623	21 206	294	9 953	392	15 870
Other cropland	578	20 902	572	18 607	439	18 445	395	14 682
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	192	3 655	(NA)	(NA)	141	2 898	139	3 438
Cropland on which all crops failed	26	279	(NA)	(NA)	17	179	45	1 286
Cropland in cultivated summer fallow	141	3 681	(NA)	(NA)	112	3 309	161	3 964
Cropland idle	371	13 287	(NA)	(NA)	294	12 059	168	5 994
Total woodland	710	25 416	759	30 923	531	21 357	512	25 881
Woodland pastured	191	5 944	(NA)	(NA)	133	4 615	177	12 941
Woodland not pastured	581	19 472	(NA)	(NA)	445	16 742	402	12 940
Other land	976	41 418	1 063	48 136	691	34 716	689	38 008
Pastureland and rangeland, other than cropland and woodland pastured	214	14 754	(NA)	(NA)	164	12 666	195	13 198
Land in house lots, ponds, roads, wasteland, etc	960	26 664	(NA)	(NA)	676	22 050	667	24 810
Pastureland, all types	665	35 505	(NA)	(NA)	450	27 234	(NA)	42 009
Irrigated land	44	7 073	21	769	38	7 058	19	(D)
Harvested cropland irrigated	44	6 967	(NA)	(NA)	38	6 954	19	(D)
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	321	8 310	(X)	(X)	292	8 099	(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]	1 190	35 305	1 250	24 201	839	34 171	816	23 220
Average per farm, dollars	(X)	29 668	(X)	19 361	(X)	40 728	(X)	28 456
Farms by value of agricultural products sold:[1]								
$100,000 or more	68	20 108	50	(NA)	68	20 108	50	(NA)
$40,000 to $99,999	109	7 156	88	(NA)	109	7 156	88	(NA)
$20,000 to $39,999	92	2 611	95	(NA)	92	2 611	95	(NA)
$10,000 to $19,999	151	2 098	140	(NA)	151	2 098	140	(NA)
$5,000 to $9,999	208	1 453	193	(NA)	208	1 453	193	(NA)
$2,500 to $4,999	211	745	231	(NA)	211	745	231	(NA)
Less than $2,500 (see text)	350	(D)	452	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	56	124	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	79	136	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	82	102	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	133	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	926	13 532	1 011	9 531	726	13 223	(NA)	9 070
Grains	764	10 577	(NA)	(NA)	636	10 435	638	7 259
Commodity Credit Corporation loans	86	1 396	(NA)	(NA)	79	1 393	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	368	1 321	(NA)	(NA)	291	1 248	268	532
Vegetables, sweet corn, and melons	46	974	(NA)	(NA)	36	945	28	446
Fruits, nuts, and berries	36	286	(NA)	(NA)	24	276	24	359
Nursery and greenhouse products	24	230	21	421	19	(D)	15	418
Other crops	8	144	(NA)	(NA)	7	(D)	14	57
Livestock, poultry, and their products	691	21 773	756	14 590	520	20 948	539	14 073
Poultry and poultry products	65	213	78	123	42	96	39	98
Dairy products	123	9 621	(NA)	(NA)	119	9 370	143	6 948
Cattle and calves	518	9 471	(NA)	(NA)	417	9 197	447	5 542
Hogs and pigs	206	1 873	(NA)	(NA)	174	1 740	143	1 094
Sheep, lambs, and wool	70	332	(NA)	(NA)	49	312	74	205
Other livestock and livestock products (see text)	80	263	(NA)	(NA)	37	233	24	186

[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	1 190	1 250	242 219	1 101	237 092	139 676	44	27 391	18 375	7 073
Farms with—										
1 to 9 acres	34	24	144	16	77	52	6	28	15	12
10 to 49 acres	255	257	7 695	214	6 650	3 726	5	108	36	22
50 to 69 acres	125	136	7 313	117	6 883	3 510	2	(D)	(D)	(D)
70 to 99 acres	173	180	14 270	165	13 636	6 232	6	510	228	65
100 to 139 acres	155	160	18 235	148	17 438	8 043	1	(D)	(D)	(D)
140 to 179 acres	101	136	15 966	99	15 653	7 190	4	624	185	158
180 to 219 acres	61	83	11 864	58	11 303	5 656	1	(D)	(D)	(D)
220 to 259 acres	48	50	11 430	48	11 430	6 644	–	–	–	–
260 to 499 acres	142	141	48 766	142	48 766	28 805	5	1 802	1 234	552
500 to 999 acres	67	60	45 077	65	43 797	29 135	6	3 952	2 799	813
1,000 to 1,999 acres	20	17	26 969	20	26 969	19 958	5	7 835	5 832	1 555
2,000 acres or more	9	6	34 490	9	34 490	20 725	3	12 097	7 788	3 747

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	1 190	242 219	1 250	245 344	839	216 258	816	212 457
Harvested cropland	1 101	139 676	1 152	126 472	798	131 787	788	118 016
Tenure of operator:								
Full owners	756	80 029	879	100 491	466	61 124	492	70 801
Harvested cropland	673	32 276	(NA)	39 543	427	27 415	(NA)	32 204
Part owners	376	154 396	324	136 919	328	147 929	288	134 552
Harvested cropland	374	102 345	(NA)	81 899	327	99 572	(NA)	81 032
Tenants	58	7 794	47	7 934	45	7 205	36	7 104
Harvested cropland	54	5 055	(NA)	5 030	44	4 800	(NA)	4 780
Type of organization:								
Individual or family	1 067	176 435	(NA)	(NA)	736	156 887	747	152 142
Partnership	107	39 223	(NA)	(NA)	90	37 265	58	30 107
Corporation	12	17 636	(NA)	(NA)	11	(D)	11	30 208
Other—cooperative, estate or trust, institutional, etc.	4	8 925	(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	491	525	431	436
Other	699	713	408	369
Operators by age group:				
Under 25 years	17	13	14	8
25 to 34 years	139	105	94	63
35 to 44 years	264	296	178	174
45 to 54 years	296	308	222	196
55 to 64 years	277	286	201	199
65 years and over	197	230	130	165
Average age	50.6	51.7	50.6	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	964	954	673	632
Not on farm operated	132	132	95	79
Not reported	94	152	71	94
Operators reporting days of work off farm:				
None	392	324	321	251
1 to 49 days	73	70	58	50
50 to 99 days	21	39	13	28
100 to 149 days	40	36	30	20
150 to 199 days	54	54	36	38
200 days or more	573	567	351	292

[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	478	4 092	465	2 824	329	3 969	261	2 720
Feed for livestock and poultry	643	2 564	742	2 674	482	2 365	466	2 458
Commercially mixed formula feeds	254	1 216	478	1 334	214	1 179	327	1 296
Animal health costs	544	350	(NA)	(NA)	424	337	319	228
Seeds, bulbs, plants, and trees	942	1 290	956	823	778	1 249	722	788
Commercial fertilizer	930	3 470	892	2 395	745	3 380	664	2 328
Other agricultural chemicals including lime	912	1 350	634	835	735	1 312	514	816
Hired farm labor	360	2 536	333	1 819	336	2 125	289	1 562
Contract labor	55	138	23	21	41	135	15	19
Customwork, machine hire, and rental of machinery and equipment	502	498	485	336	404	473	383	319
Energy and petroleum products	1 180	2 471	(NA)	(NA)	838	2 318	(NA)	(NA)
Petroleum products	1 176	1 878	1 187	1 237	838	1 748	769	1 122
Gasoline	1 144	943	(NA)	(NA)	807	842	741	675
Diesel fuel	538	567	(NA)	(NA)	496	555	336	271
LP gas, butane, and propane	105	159	(NA)	(NA)	104	(D)	88	77
Fuel oil	108	58	(NA)	(NA)	96	56	767	98
Natural gas	35	19	(NA)	(NA)	31	(D)		
Kerosene, motor oil, and grease	1 176	133	(NA)	(NA)	838	118		
Electricity	786	584	(NA)	(NA)	664	561	(NA)	(NA)
Other—coal, wood, coke, etc.	33	9	(NA)	(NA)	33	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	906	121 088	735	116 903	664	93 557
Cropland fertilized, except pasture	906	118 132	735	114 113	(NA)	90 878
Pasture and rangeland fertilized	54	2 956	45	2 790	(NA)	2 679
Lime	207	7 038	171	6 563	129	6 011
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	442	51 005	345	49 751	(NA)	21 828
Nematodes in crops	58	9 946	48	9 676	5	39
Diseases in crops and orchards	98	7 091	82	6 881	18	1 523
Weeds, grass, or brush in crops and pasture	649	72 526	551	70 070	(NA)	55 201
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	24	605	19	595	3	392
Insect control on livestock and poultry	228	(X)	184	(X)	67	(X)
Sanitation and rodent and bird control	167	(X)	111	(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	1 186	1 182	838	753
$1,000	37 416	22 539	33 889	18 888
Average per farm—dollars	31 548	19 069	40 441	25 084
Farms by value group:				
$1 to $4,999	129	252	41	103
$5,000 to $9,999	314	283	122	124
$10,000 to $19,999	224	285	187	193
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	167	160	162	135
$30,000 to $49,999	153	117	133	114
$50,000 to $69,999	92	43	87	43
$70,000 to $99,999	30	42	30	41
$100,000 to $199,999	58		58	
$200,000 or more	19		18	

	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	880	1 281	468	583	530	698	928	1 228	721
Motortrucks including pickups	978	1 475	562	645	603	830	930	1 329	621
Wheel tractors	1 114	2 967	261	392	1 049	2 575	1 076	2 410	337
Grain and bean combines, self-propelled only	233	250	48	53	189	197	167	174	32
Corn heads for combines	175	248	47	52	131	196	105	113	39
Other cornpickers and picker-shellers	491	508	64	65	428	443	468	494	91
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	404	434	89	89	328	345	319	333	85
Pickup balers	526	554	58	63	478	491	495	509	105
Field forage harvesters, shear bar or flywheel type	258	274	69	74	193	200	196	226	61

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	360	164	(X)	294	(X)	336	289
Workers	1 590	(X)	338	(X)	1 252	1 495	1 528
Farms with—							
1 worker	101	102	102	81	81	87	106
2 workers	109	37	74	88	176	109	60
3 or 4 workers	56	13	43	45	148	51	52
5 to 9 workers	59	8	51	57	406	55	43
10 workers or more	35	4	68	23	441	34	28

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	786	(X)	832	(X)	540	(X)	560	(X)
Any cattle, hogs, or sheep	660	(X)	767	(X)	485	(X)	522	(X)
Sales:								
Any livestock or poultry and their products $1,000	691	21 773	756	14 590	520	20 948	539	14 073
Any cattle, hogs, or sheep $1,000	634	11 676	709	(NA)	496	11 249	521	6 841
CATTLE AND CALVES								
Inventory:								
Cattle and calves	568	35 121	680	40 002	418	32 571	460	36 546
Cows and heifers that had calved	428	13 491	496	15 488	320	12 000	360	14 061
Beef cows	291	5 235	337	6 809	197	3 989	218	5 695
Milk cows	165	8 256	197	8 679	144	8 011	169	8 366
Heifers and heifer calves	418	9 578	(NA)	(NA)	322	9 046	307	8 929
Steers, steer calves, bulls and bull calves	488	12 052	(NA)	(NA)	355	11 525	388	13 556
Sales:								
Cattle and calves	518	25 254	597	18 754	417	24 358	447	17 655
$1,000	(X)	9 471	(X)	(NA)	(X)	9 197	(X)	5 542
Calves	217	4 127	(NA)	(NA)	184	3 880	181	3 871
$1,000	(X)	485	(X)	(NA)	(X)	454	(X)	279
Cattle	476	21 127	(NA)	(NA)	387	20 478	411	13 784
$1,000	(X)	8 986	(X)	(NA)	(X)	8 743	(X)	5 263
Fattened cattle	249	10 487	(NA)	(NA)	214	10 404	187	8 725
$1,000	(X)	5 377	(X)	(NA)	(X)	5 342	(X)	3 571
Dairy products $1,000	123	9 621	(NA)	(NA)	119	9 370	143	6 948
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	207	13 359	172	13 351	165	12 307	130	11 943
Used or to be used for breeding	147	2 297	(NA)	(NA)	122	2 047	86	2 079
Other hogs and pigs	187	11 062	(NA)	(NA)	151	10 260	124	9 864
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	155	2 707	121	2 715	127	2 359	98	2 447
Dec. 1 of preceding year and May 31	121	1 222	99	1 410	96	1 090	84	1 278
June 1 and Nov. 30	131	1 485	86	1 305	112	1 269	72	1 169
Sheep and lambs	72	4 525	105	7 193	52	4 062	76	6 431
Ewes 1 year old or older	64	1 847	(NA)	(NA)	46	1 541	73	3 150
Goats	10	140	(NA)	(NA)	5	95	2	(D)
Horses and ponies	247	1 678	244	1 342	133	999	128	915
Sales:								
Hogs and pigs	206	20 553	176	18 532	174	19 166	143	17 046
$1,000	(X)	1 873	(X)	(NA)	(X)	1 740	(X)	1 094
Feeder pigs	57	4 439	39	3 861	47	4 301	30	3 658
$1,000	(X)	190	(X)	(NA)	(X)	185	(X)	93
Sheep and lambs	69	5 216	101	6 024	49	4 859	73	5 502
Sheep and lambs shorn	65	5 362	(NA)	(NA)	44	4 968	68	5 538
Pounds of wool	(X)	38 212	(X)	(NA)	(X)	35 166	(X)	43 095
Sheep, lambs, and wool $1,000	70	332	(NA)	(NA)	49	312	74	205
Goats	5	32	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	52	227	37	241	26	153	20	207
$1,000	(X)	223	(X)	(NA)	(X)	203	(X)	185
POULTRY								
Inventory:								
Any poultry	175	(X)	191	(X)	104	(X)	101	(X)
Chickens 3 months old or older	160	23 678	187	31 600	96	11 471	98	19 087
Hens and pullets of laying age	158	23 243	178	28 057	94	11 158	95	18 559
Pullets 3 months old or older	22	435	(NA)	(NA)	13	313	4	120
Pullet chicks and pullets under 3 months old	5	(D)	(NA)	(NA)	5	(D)	–	–
Broilers and other meat-type chickens	27	913	14	352	11	199	5	200
Turkeys	7	21	(NA)	(NA)	3	11	2	(D)
Turkeys for slaughter	5	14	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	3	7	(NA)	(NA)	2	(D)	1	(D)
Other poultry	32	(X)	(NA)	(X)	17	(X)	12	(X)
Sales:								
Any poultry	35	(X)	38	(X)	20	(X)	23	(X)
Chickens 3 months old or older	23	18 147	32	14 744	16	9 860	19	10 268
Hens and pullets of laying age	23	18 147	27	14 589	16	9 860	18	10 258
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	9	249	3	110	1	(D)	1	(D)
Turkeys	4	21	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	4	21	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	4	(X)	(NA)	(X)	3	(X)	4	(X)
Poultry and poultry products $1,000	65	213	78	123	42	96	39	98

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	839	87 314	(X)	19	6 009	690	84 829	(X)	19	6 009
	1974	909	77 110	(X)	(NA)	(NA)	694	73 831	(X)	4	267
For grain or seed (bushels)	1978	817	75 574	5 839 418	19	5 538	670	73 752	5 737 959	19	5 538
	1974	864	60 151	2 857 930	(NA)	(NA)	663	57 789	2 774 477	3	(D)
For silage or green chop (tons, green)	1978	175	(D)	141 323	6	471	171	(D)	135 400	6	471
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	217	15 900	123 363	2	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	12	142	(X)	–	–
Sorghums for all purposes	1978	15	271	(X)	–	–	15	271	(X)	–	–
	1974	12	218	(X)	(NA)	(NA)	5	113	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	12	235	1 684	–	–	12	235	1 684	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	97	276	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	292	8 550	326 774	1	(D)	264	8 171	315 471	1	(D)
	1974	494	12 097	430 798	(NA)	(NA)	412	11 283	406 676	–	–
Oats for grain (bushels)	1978	344	7 430	406 337	1	(D)	300	7 031	391 516	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	220	4 510	213 379	–	–
Barley for grain (bushels)	1978	5	72	2 650	–	–	5	72	2 650	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	9	173	4 608	–	–	7	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	70	1 715	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	73	(X)	–	–
Soybeans for beans (bushels)	1978	81	3 686	88 092	1	(D)	77	3 623	87 436	1	(D)
	1974	70	1 913	31 283	(NA)	(NA)	62	1 857	30 837	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	8	(D)	(D)	1	(D)	6	(D)	1 058	1	(D)
	1974	24	119	22 932	(NA)	(NA)	12	18	3 997	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	749	33 182	88 799	6	307	545	28 884	81 343	6	307
	1974	711	30 723	66 780	(NA)	(NA)	513	27 082	60 462	1	(D)
Alfalfa hay (tons, dry)	1978	679	26 600	77 247	6	307	497	23 075	71 021	6	307
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	455	17 560	41 261	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	90	1 545	2 973	–	–	69	1 302	2 540	–	–
Field seed crops	1978	29	388	(X)	–	–	25	356	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	33	595	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	27	362	45 768	–	–	23	330	44 637	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	32	575	59 701	–	–
All vegetables harvested for sale (see text)	1978	46	758	(X)	14	229	36	712	(X)	12	(D)
	1974	43	862	(X)	(NA)	(NA)	28	836	(X)	9	303
Sweet corn	1978	26	170	(X)	5	61	20	143	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	152	(X)	6	44
Tomatoes	1978	18	70	(X)	6	3	14	66	(X)	6	3
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	22	(X)	7	9
Green peas excluding cowpeas	1978	3	1	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	6	(X)	1	(D)
Land in orchards	1978	43	612	(X)	1	(D)	21	524	(X)	–	–
	1974	38	633	(X)	(NA)	(NA)	21	589	(X)	1	(D)
Apples (pounds)	1978	42	505	2 976 113	(NA)	(NA)	20	439	2 883 342	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	449	3 180 005	(NA)	(NA)
Peaches (pounds)	1978	14	38	(D)	(NA)	(NA)	5	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	40	122 700	(NA)	(NA)
Grapes (pounds) (see text)	1978	8	2	614	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	20	70	(X)	6	45	13	65	(X)	6	45
	1974	12	52	(X)	(NA)	(NA)	11	(D)	(X)	7	44
Strawberries (pounds)	1978	9	51	197 895	6	45	9	51	197 895	6	45
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	44	288 054	6	43
Nursery and greenhouse products	1978	24	156	(X)	6	16	19	151	(X)	3	13
Other crops	1978	6	438	(X)	(NA)	(NA)	5	(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	976	174 980	1 003	170 617	734	160 614	683	145 564
Average size of farm	(X)	179	(X)	170	(X)	219	(X)	213
Approximate land area	(X)	359 680	(X)	359 680	(X)	359 680	(X)	359 680
Proportion in farms — percent	(X)	48.6	(X)	47.4	(X)	44.7	(X)	40.5
Value of land and buildings:[1]								
Average per farm — dollars	209 419	(X)	116 449	(X)	237 451	(X)	141 609	(X)
Average per acre — dollars	(X)	1 134	(X)	685	(X)	1 097	(X)	664
Land in farms according to use:								
Total cropland	942	132 507	988	126 277	721	124 574	670	112 306
Harvested cropland	903	110 087	956	98 121	701	106 140	659	90 907
By acres harvested:								
1 to 9 acres	164	696	136	(NA)	91	322	65	(NA)
10 to 19 acres	117	1 633	148	(NA)	60	841	48	(NA)
20 to 29 acres	92	2 162	117	(NA)	57	1 363	47	(NA)
30 to 49 acres	109	4 036	141	(NA)	77	2 890	93	(NA)
50 to 99 acres	137	9 426	160	(NA)	133	(D)	154	(NA)
100 to 199 acres	109	15 270	118	(NA)	109	15 270	118	(NA)
200 to 499 acres	121	36 486	94	(NA)	121	36 486	94	(NA)
500 to 999 acres	48	32 221	38	(NA)	47	(D)	37	(NA)
1,000 acres or more	6	8 157	4	(NA)	6	8 157	3	(NA)
Cropland used only for pasture	296	6 995	377	11 419	207	5 569	238	7 754
Other cropland	456	15 425	411	16 737	352	12 865	311	13 645
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	174	4 747	(NA)	(NA)	130	3 826	101	3 674
Cropland on which all crops failed	40	764	(NA)	(NA)	29	581	39	1 687
Cropland in cultivated summer fallow	83	1 956	(NA)	(NA)	72	1 830	102	3 647
Cropland idle	280	7 958	(NA)	(NA)	215	6 628	152	4 637
Total woodland	466	20 832	507	19 361	361	17 169	344	14 153
Woodland pastured	83	2 536	(NA)	(NA)	65	2 134	107	3 593
Woodland not pastured	413	18 296	(NA)	(NA)	318	15 035	270	10 560
Other land	797	21 641	843	24 979	589	18 871	580	19 105
Pastureland and rangeland, other than cropland and woodland pastured	110	4 206	(NA)	(NA)	90	3 725	101	4 321
Land in house lots, ponds, roads, wasteland, etc	781	17 435	(NA)	(NA)	575	15 146	574	14 784
Pastureland, all types	387	13 737	(NA)	(NA)	281	11 428	(NA)	15 668
Irrigated land	112	7 062	63	769	105	7 045	56	762
Harvested cropland irrigated	112	6 992	(NA)	(NA)	105	6 975	55	740
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	(D)
Other land irrigated	3	70	(NA)	(NA)	3	70	2	(D)
Land set aside in the federal farm programs in 1978	237	5 825	(X)	(X)	218	5 641	(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]	976	38 950	1 003	26 735	734	38 350	683	25 941
Average per farm — dollars	(X)	39 908	(X)	26 655	(X)	52 249	(X)	37 981
Farms by value of agricultural products sold:[1]								
$100,000 or more	109	24 792	67	(NA)	109	24 792	67	(NA)
$40,000 to $99,999	115	7 448	108	(NA)	115	7 448	108	(NA)
$20,000 to $39,999	103	2 833	73	(NA)	103	2 833	73	(NA)
$10,000 to $19,999	129	1 794	126	(NA)	129	1 794	126	(NA)
$5,000 to $9,999	145	1 005	138	(NA)	145	1 005	138	(NA)
$2,500 to $4,999	133	478	146	(NA)	133	478	146	(NA)
Less than $2,500 (see text)	241	(D)	343	(NA)	(X)	(X)	25	(NA)
$2,000 to $2,499	42	94	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	43	74	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	64	79	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	92	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	2	(NA)	(X)	(X)	(X)	(X)
Crops	772	20 307	855	12 666	641	20 048	(NA)	12 303
Grains	553	9 789	(NA)	(NA)	474	9 626	471	5 881
Commodity Credit Corporation loans	83	907	(NA)	(NA)	79	905	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	188	748	(NA)	(NA)	151	684	153	450
Vegetables, sweet corn, and melons	41	(D)	(NA)	(NA)	27	(D)	29	322
Fruits, nuts, and berries	85	1 445	(NA)	(NA)	71	1 432	61	964
Nursery and greenhouse products	80	7 887	76	4 657	74	7 876	67	4 650
Other crops	2	(D)	(NA)	(NA)	2	(D)	9	37
Livestock, poultry, and their products	507	18 643	490	14 055	390	18 303	351	13 625
Poultry and poultry products	47	1 556	60	1 924	42	1 554	43	1 921
Dairy products	63	4 301	(NA)	(NA)	60	4 205	74	3 563
Cattle and calves	340	6 845	(NA)	(NA)	271	6 659	263	4 890
Hogs and pigs	173	3 775	(NA)	(NA)	148	3 760	127	2 803
Sheep, lambs, and wool	37	85	(NA)	(NA)	17	70	15	35
Other livestock and livestock products (see text)	69	2 080	(NA)	(NA)	43	2 054	32	414

[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	976	1 003	174 980	903	171 875	110 087	112	28 785	20 436	7 062
Farms with—										
1 to 9 acres	86	69	459	65	372	163	40	227	81	79
10 to 49 acres	249	232	7 270	218	6 451	3 371	20	455	112	77
50 to 69 acres	86	74	5 005	82	4 761	2 443	3	173	68	116
70 to 99 acres	116	158	9 571	108	8 912	4 381	1	(D)	(D)	(D)
100 to 139 acres	94	109	10 902	90	10 482	5 012	2	(D)	(D)	(D)
140 to 179 acres	76	89	11 918	73	11 451	6 035	2	(D)	(D)	(D)
180 to 219 acres	40	41	7 799	39	7 615	5 098	4	761	619	509
220 to 259 acres	32	50	7 531	31	7 306	4 851	4	944	794	275
260 to 499 acres	111	108	41 018	111	41 018	28 056	13	4 790	3 395	1 988
500 to 999 acres	67	60	46 983	67	46 983	32 665	16	11 856	9 198	2 543
1,000 to 1,999 acres	15	12	17 794	15	17 794	12 685	6	6 743	4 304	1 175
2,000 acres or more	4	1	8 730	4	8 730	5 327	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	976	174 980	1 003	170 617	734	160 614	683	145 564
Harvested cropland	903	110 087	956	98 121	701	106 140	659	90 907
Tenure of operator:								
Full owners	619	61 500	693	70 082	422	49 361	415	49 714
Harvested cropland	556	30 168	(NA)	30 397	390	27 041	(NA)	25 386
Part owners	306	104 324	263	91 797	272	102 418	233	87 676
Harvested cropland	302	73 174	(NA)	61 123	271	72 461	(NA)	59 117
Tenants	51	9 156	47	8 738	40	8 835	35	8 174
Harvested cropland	45	6 745	(NA)	6 601	40	6 638	(NA)	6 404
Type of organization:								
Individual or family	852	137 365	(NA)	(NA)	623	125 633	617	127 179
Partnership	99	30 991	(NA)	(NA)	89	30 573	47	15 452
Corporation	21	1 893	(NA)	(NA)	20	(D)	18	(D)
Other—cooperative, estate or trust, institutional, etc.	4	4 731	(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	437	480	387	398
Other	539	502	347	266
Operators by age group:				
Under 25 years	15	11	12	8
25 to 34 years	111	121	84	96
35 to 44 years	217	179	164	121
45 to 54 years	269	281	207	187
55 to 64 years	219	209	169	138
65 years and over	145	181	98	114
Average age	50.1	51.3	49.7	50.6

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	769	734	578	511
Not on farm operated	122	117	91	67
Not reported	85	131	65	86
Operators reporting days of work off farm:				
None	346	275	294	217
1 to 49 days	50	55	42	36
50 to 99 days	29	22	25	12
100 to 149 days	22	26	19	19
150 to 199 days	46	30	38	15
200 days or more	448	435	293	248

[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	279	4 531	352	3 417	233	4 360	232	3 136
Feed for livestock and poultry	469	4 036	499	3 522	374	3 960	313	3 352
Commercially mixed formula feeds	220	2 843	361	2 376	174	2 805	249	2 282
Animal health costs	412	302	(NA)	(NA)	326	286	215	125
Seeds, bulbs, plants, and trees	748	1 965	764	1 097	661	1 946	581	1 060
Commercial fertilizer	738	3 080	724	2 041	640	3 029	566	1 961
Other agricultural chemicals including lime	725	1 180	542	643	630	1 157	444	615
Hired farm labor	428	3 666	309	2 004	370	3 584	267	1 869
Contract labor	65	83	41	59	58	81	36	59
Customwork, machine hire, and rental of machinery and equipment	343	470	389	377	297	453	296	353
Energy and petroleum products	971	3 007	(NA)	(NA)	773	2 942	(NA)	(NA)
Petroleum products	971	2 458	969	1 135	773	2 409	666	1 067
Gasoline	890	796	(NA)	(NA)	723	766	648	552
Diesel fuel	479	517	(NA)	(NA)	399	505	274	180
LP gas, butane, and propane	230	294	(NA)	(NA)	228	(D)	162	147
Fuel oil	57	101	(NA)	(NA)	52	100	648	187
Natural gas	74	580	(NA)	(NA)	73	(D)		
Kerosene, motor oil, and grease	970	171	(NA)	(NA)	772	166		
Electricity	645	541	(NA)	(NA)	555	526	(NA)	(NA)
Other—coal, wood, coke, etc.	17	7	(NA)	(NA)	17	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	711	105 061	628	102 890	566	72 642
Cropland fertilized, except pasture	705	104 221	622	102 050	(NA)	72 207
Pasture and rangeland fertilized	40	840	40	840	(NA)	435
Lime	177	8 009	165	7 810	49	2 552
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	370	41 120	329	40 767	(NA)	22 031
Nematodes in crops	65	6 033	53	5 523	6	491
Diseases in crops and orchards	133	4 799	123	4 519	42	1 256
Weeds, grass, or brush in crops and pasture	489	52 249	421	51 140	(NA)	39 600
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	39	646	34	591	12	123
Insect control on livestock and poultry	229	(X)	192	(X)	44	(X)
Sanitation and rodent and bird control	169	(X)	142	(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	976	959	773	651
$1,000	32 203	18 126	30 241	15 516
Average per farm—dollars	32 995	18 901	39 121	23 834
Farms by value group:				
$1 to $4,999	70	190	55	74
$5,000 to $9,999	228	226	92	113
$10,000 to $19,999	210	219	175	167

	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	172	131	161	109
$30,000 to $49,999	104	120	99	118
$50,000 to $69,999	63	41	63	40
$70,000 to $99,999	47	32	47	30
$100,000 to $199,999	63		62	
$200,000 or more	19		19	

	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	713	994	470	551	348	443	777	1 046	605
Motortrucks including pickups	846	1 355	486	558	535	797	790	1 163	478
Wheel tractors	914	2 199	194	256	871	1 943	897	1 925	314
Grain and bean combines, self-propelled only	267	272	91	91	176	181	179	184	52
Corn heads for combines	238	249	92	102	147	147	132	139	56
Other cornpickers and picker-shellers	335	363	29	29	306	334	290	299	44
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	292	300	96	96	198	204	197	204	63
Pickup balers	330	336	62	62	274	274	299	305	62
Field forage harvesters, shear bar or flywheel type	141	166	64	66	86	100	120	140	57

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	428	145	(X)	383	(X)	370	267
Workers	2 139	(X)	416	(X)	1 723	1 982	1 968
Farms with—							
1 worker	123	66	66	137	137	91	61
2 workers	80	26	52	60	120	76	38
3 or 4 workers	84	31	101	73	263	74	57
5 to 9 workers	76	20	(D)	61	405	65	44
10 workers or more	65	2	(D)	52	798	64	67

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	571	(X)	567	(X)	417	(X)	385	(X)
Any cattle, hogs, or sheep	470	(X)	467	(X)	356	(X)	333	(X)
Sales:								
Any livestock or poultry and their products $1,000	507	18 643	490	14 055	390	18 303	351	13 625
Any cattle, hogs, or sheep $1,000	445	10 705	435	(NA)	352	10 489	326	7 728
CATTLE AND CALVES								
Inventory:								
Cattle and calves	374	19 440	400	22 706	281	18 662	288	20 815
Cows and heifers that had calved	249	5 454	268	7 329	191	5 217	197	6 767
Beef cows	182	1 850	189	3 209	129	1 630	129	2 737
Milk cows	80	3 604	108	4 120	70	3 587	92	4 030
Heifers and heifer calves	241	5 732	(NA)	(NA)	194	5 480	174	4 344
Steers, steer calves, bulls and bull calves	307	8 254	(NA)	(NA)	237	7 965	233	9 704
Sales:								
Cattle and calves	340	14 067	352	15 913	271	13 718	263	14 965
$1,000	(X)	6 845	(X)	(NA)	(X)	6 659	(X)	4 890
Calves	104	1 265	(NA)	(NA)	87	1 203	110	2 574
$1,000	(X)	234	(X)	(NA)	(X)	226	(X)	140
Cattle	312	12 802	(NA)	(NA)	248	12 515	235	12 391
$1,000	(X)	6 611	(X)	(NA)	(X)	6 432	(X)	4 750
Fattened cattle	202	9 991	(NA)	(NA)	156	9 886	124	7 595
$1,000	(X)	5 170	(X)	(NA)	(X)	5 133	(X)	3 210
Dairy products $1,000	63	4 301	(NA)	(NA)	60	4 205	74	3 563
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	185	29 435	151	21 363	152	29 113	115	20 410
Used or to be used for breeding	122	4 989	(NA)	(NA)	104	4 911	82	3 249
Other hogs and pigs	181	24 446	(NA)	(NA)	148	24 202	107	17 161
Litters of pigs farrowed between –								
Dec. 1 of preceding year and Nov. 30	126	5 098	109	4 117	107	5 052	90	3 701
Dec. 1 of preceding year and May 31	96	2 426	84	2 014	85	2 405	70	1 807
June 1 and Nov. 30	111	2 672	94	2 103	96	2 647	77	1 894
Sheep and lambs	37	1 727	31	1 635	17	1 317	14	1 223
Ewes 1 year old or older	32	957	(NA)	(NA)	15	703	12	726
Goats	17	92	(NA)	(NA)	8	60	3	19
Horses and ponies	162	1 107	174	815	96	559	91	443
Sales:								
Hogs and pigs	173	38 648	153	37 264	148	38 435	127	36 241
$1,000	(X)	3 775	(X)	(NA)	(X)	3 760	(X)	2 803
Feeder pigs	47	8 167	44	5 093	38	8 066	33	4 824
$1,000	(X)	400	(X)	(NA)	(X)	396	(X)	117
Sheep and lambs	32	1 168	27	1 018	17	890	15	767
Sheep and lambs shorn	32	1 335	(NA)	(NA)	13	1 019	13	1 060
Pounds of wool	(X)	10 225	(X)	(NA)	(X)	7 606	(X)	8 352
Sheep, lambs, and wool $1,000	37	85	(NA)	(NA)	17	70	15	35
Goats	7	44	(NA)	(NA)	5	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	46	249	37	131	28	226	22	92
$1,000	(X)	148	(X)	(NA)	(X)	131	(X)	27
POULTRY								
Inventory:								
Any poultry	106	(X)	143	(X)	77	(X)	84	(X)
Chickens 3 months old or older	94	171 375	132	165 431	68	170 836	76	163 873
Hens and pullets of laying age	92	(D)	127	105 160	67	(D)	72	103 812
Pullets 3 months old or older	5	(D)	(NA)	(NA)	1	(D)	7	59 851
Pullet chicks and pullets under 3 months old	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Broilers and other meat-type chickens	13	646	18	897	7	589	9	632
Turkeys	4	16	(NA)	(NA)	4	16	3	20
Turkeys for slaughter	4	(D)	(NA)	(NA)	4	(D)	3	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	22	(X)	(NA)	(X)	15	(X)	10	(X)
Sales:								
Any poultry	36	(X)	45	(X)	31	(X)	33	(X)
Chickens 3 months old or older	18	242 980	35	585 666	18	242 980	29	585 540
Hens and pullets of laying age	17	(D)	31	(D)	17	(D)	26	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	7	336	9	844	7	336	3	260
Turkeys	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	3	(X)	6	(X)
Poultry and poultry products $1,000	47	1 556	60	1 924	42	1 554	43	1 921

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	574	61 699	(X)	44	5 406	485	60 238	(X)	42	(D)
	1974	634	52 568	(X)	(NA)	(NA)	486	50 003	(X)	5	410
For grain or seed (bushels)	1978	568	55 872	4 691 595	42	4 638	481	54 461	4 616 768	41	(D)
	1974	602	42 763	2 006 691	(NA)	(NA)	466	40 665	1 923 413	5	(D)
For silage or green chop (tons, green)	1978	103	5 827	81 110	12	768	99	5 777	80 490	11	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	127	9 033	81 266	2	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	305	(X)	–	–
Sorghums for all purposes	1978	13	285	(X)	–	–	13	285	(X)	–	–
	1974	21	807	(X)	(NA)	(NA)	17	770	(X)	1	(D)
For grain or seed (bushels)	1978	9	225	13 505	–	–	9	225	13 505	–	–
	1974	8	634	28 544	(NA)	(NA)	8	634	28 544	–	–
For silage or green chop (tons, green)	1978	4	60	390	–	–	4	60	390	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	74	964	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	(D)	(X)	1	(D)
Wheat for grain (bushels)	1978	281	12 017	451 708	–	–	258	11 644	441 037	–	–
	1974	436	16 197	560 880	(NA)	(NA)	360	14 787	520 569	2	(D)
Oats for grain (bushels)	1978	191	4 454	226 613	1	(D)	180	4 340	221 696	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	174	4 258	212 651	–	–
Barley for grain (bushels)	1978	5	52	1 280	–	–	5	52	1 280	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	51	1 947	–	–
Rye for grain (bushels)	1978	10	175	6 915	–	–	9	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	151	3 210	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	153	(X)	–	–
Soybeans for beans (bushels)	1978	213	14 456	375 885	7	570	201	14 283	372 923	7	570
	1974	188	6 501	96 112	(NA)	(NA)	167	6 236	92 177	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	6	(D)	(D)	1	(D)	6	(D)	(D)	1	(D)
	1974	9	74	6 210	(NA)	(NA)	6	70	5 970	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	423	15 463	42 847	11	631	314	13 718	39 519	11	631
	1974	447	14 917	33 012	(NA)	(NA)	289	12 378	28 572	1	(D)
Alfalfa hay (tons, dry)	1978	377	11 873	35 117	8	446	276	10 295	32 101	8	446
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	228	8 547	21 928	–	–
Other tame dry hay (tons, dry) (see text)	1978	69	1 196	2 567	–	–	56	1 054	2 279	–	–
Field seed crops	1978	9	146	(X)	–	–	8	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	30	454	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	8	124	9 212	–	–	8	124	9 212	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	454	47 435	–	–
All vegetables harvested for sale (see text)	1978	41	361	(X)	5	69	27	338	(X)	4	(D)
	1974	50	360	(X)	(NA)	(NA)	29	326	(X)	4	86
Sweet corn	1978	19	85	(X)	1	(D)	13	74	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	45	(X)	1	(D)
Tomatoes	1978	7	5	(X)	2	(D)	5	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	3	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	91	2 073	(X)	1	(D)	70	1 978	(X)	1	(D)
	1974	87	2 116	(X)	(NA)	(NA)	70	2 026	(X)	–	–
Apples (pounds)	1978	45	860	7 182 217	(NA)	(NA)	34	826	7 126 504	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	670	5 632 450	(NA)	(NA)
Peaches (pounds)	1978	7	29	92 450	(NA)	(NA)	4	24	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	92	154 600	(NA)	(NA)
Grapes (pounds) (see text)	1978	56	922	6 554 387	(NA)	(NA)	46	892	6 505 027	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	49	939	5 878 000	(NA)	(NA)
Berries	1978	19	65	(X)	3	22	12	59	(X)	3	22
	1974	9	23	(X)	(NA)	(NA)	4	20	(X)	1	(D)
Strawberries (pounds)	1978	8	32	104 890	3	(D)	5	30	103 150	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	1	(D)
Nursery and greenhouse products	1978	80	440	(X)	58	163	74	434	(X)	54	158
Other crops	1978	3	63	(X)	(NA)	(NA)	3	63	(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	92	19 759	63	12 065	56	15 333	29	7 732
Average size of farm	(X)	215	(X)	192	(X)	274	(X)	267
Approximate land area	(X)	362 240	(X)	362 240	(X)	362 240	(X)	362 240
Proportion in farms — percent	(X)	5.5	(X)	3.3	(X)	4.2	(X)	2.1
Value of land and buildings:[1]								
Average per farm — dollars	128 083	(X)	60 857	(X)	161 123	(X)	86 552	(X)
Average per acre — dollars	(X)	596	(X)	318	(X)	588	(X)	325
Land in farms according to use:								
Total cropland	88	11 858	61	7 700	53	9 234	27	5 687
Harvested cropland	83	7 320	53	4 419	52	6 516	27	3 805
By acres harvested:								
1 to 9 acres	8	40	8	(NA)	3	21	1	(NA)
10 to 19 acres	8	102	2	(NA)	2	(D)	–	(NA)
20 to 29 acres	11	239	7	(NA)	1	(D)	1	(NA)
30 to 49 acres	15	552	12	(NA)	10	379	2	(NA)
50 to 99 acres	20	1 418	9	(NA)	15	1 098	8	(NA)
100 to 199 acres	12	1 796	10	(NA)	12	1 796	10	(NA)
200 to 499 acres	7	(D)	5	(NA)	7	(D)	5	(NA)
500 to 999 acres	2	(D)	–	(NA)	2	(D)	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	33	1 373	34	1 624	21	1 003	15	1 000
Other cropland	51	3 165	30	1 657	32	1 715	16	882
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	21	603	(NA)	(NA)	15	421	9	280
Cropland on which all crops failed	8	239	(NA)	(NA)	4	85	2	(D)
Cropland in cultivated summer fallow	14	208	(NA)	(NA)	11	161	3	(D)
Cropland idle	41	2 115	(NA)	(NA)	24	1 048	6	490
Total woodland	68	3 297	41	2 770	38	2 101	19	1 555
Woodland pastured	10	393	(NA)	(NA)	5	143	8	(D)
Woodland not pastured	65	2 904	(NA)	(NA)	38	1 958	16	(D)
Other land	75	4 604	48	1 595	48	3 998	23	490
Pastureland and rangeland, other than cropland and woodland pastured	25	2 288	(NA)	(NA)	21	2 135	2	(D)
Land in house lots, ponds, roads, wasteland, etc	71	2 316	(NA)	(NA)	45	1 863	23	(D)
Pastureland, all types	50	4 054	(NA)	(NA)	34	3 281	(NA)	1 639
Irrigated land	5	480	3	271	4	(D)	2	(D)
Harvested cropland irrigated	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	15	186	(X)	(X)	9	131	(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]	92	1 646	63	1 103	56	1 609	29	1 078
Average per farm — dollars	(X)	17 889	(X)	17 508	(X)	28 725	(X)	37 172
Farms by value of agricultural products sold:[1]								
$100,000 or more	3	531	2	(NA)	3	531	2	(NA)
$40,000 to $99,999	10	570	3	(NA)	10	570	3	(NA)
$20,000 to $39,999	8	246	7	(NA)	8	246	7	(NA)
$10,000 to $19,999	8	124	9	(NA)	8	124	9	(NA)
$5,000 to $9,999	12	84	4	(NA)	12	84	4	(NA)
$2,500 to $4,999	15	54	4	(NA)	15	54	4	(NA)
Less than $2,500 (see text)	36	37	34	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	7	16	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	6	10	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	3	4	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	20	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	55	743	41	(D)	39	727	(NA)	(D)
Grains	24	261	(NA)	(NA)	20	258	11	122
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	35	102	(NA)	(NA)	24	92	13	97
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	–	–
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	1	(D)	–	–
Nursery and greenhouse products	4	(D)	2	(D)	2	(D)	1	(D)
Other crops	5	(D)	(NA)	(NA)	4	(D)	3	384
Livestock, poultry, and their products	55	903	40	420	37	882	21	(D)
Poultry and poultry products	12	11	11	108	6	(D)	7	108
Dairy products	17	397	(NA)	(NA)	16	(D)	9	199
Cattle and calves	41	248	(NA)	(NA)	30	234	18	87
Hogs and pigs	12	(D)	(NA)	(NA)	5	(D)	1	(D)
Sheep, lambs, and wool	1	(D)	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	5	120	(NA)	(NA)	4	(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	92	63	19 759	83	18 799	7 320	5	1 576	656	480
Farms with—										
1 to 9 acres	2	2	(D)	–	–	–	–	–	–	–
10 to 49 acres	8	4	251	6	189	68	–	–	–	–
50 to 69 acres	5	4	296	5	296	98	1	(D)	(D)	(D)
70 to 99 acres	8	5	652	7	572	141	1	(D)	(D)	(D)
100 to 139 acres	12	12	1 413	10	1 191	355	–	–	–	–
140 to 179 acres	13	9	2 010	13	2 010	632	–	–	–	–
180 to 219 acres	11	4	2 235	10	2 035	927	1	(D)	(D)	(D)
220 to 259 acres	7	10	1 627	7	1 627	376	–	–	–	–
260 to 499 acres	20	10	6 894	19	6 504	2 548	1	(D)	(D)	(D)
500 to 999 acres	5	3	(D)	5	(D)	(D)	1	(D)	(D)	(D)
1,000 to 1,999 acres	1	–	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	92	19 759	63	12 065	56	15 333	29	7 732
Harvested cropland	83	7 320	53	4 419	52	6 516	27	3 805
Tenure of operator:								
Full owners	75	14 814	52	9 654	44	11 027	21	5 473
Harvested cropland	66	4 712	(NA)	2 857	40	4 076	(NA)	2 387
Part owners	16	(D)	9	(D)	12	4 306	6	(D)
Harvested cropland	16	(D)	(NA)	1 092	12	2 440	(NA)	948
Tenants	1	(D)	2	(D)	–	–	2	(D)
Harvested cropland	1	(D)	(NA)	470	–	–	(NA)	470
Type of organization:								
Individual or family	90	(D)	(NA)	(NA)	55	(D)	27	(D)
Partnership	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	33	27	26	20
Other	59	36	30	9
Operators by age group:				
Under 25 years	–	–	–	–
25 to 34 years	9	4	4	1
35 to 44 years	24	20	12	10
45 to 54 years	27	15	23	6
55 to 64 years	23	20	12	10
65 years and over	9	4	5	2
Average age	49.4	48.9	50.3	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	68	52	42	25
Not on farm operated	9	5	3	3
Not reported	15	6	11	1
Operators reporting days of work off farm:				
None	31	13	22	9
1 to 49 days	4	3	3	3
50 to 99 days	3	–	2	–
100 to 149 days	2	3	2	2
150 to 199 days	2	1	2	1
200 days or more	48	33	23	10

[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	31	43	28	125	18	32	15	118
Feed for livestock and poultry	53	167	40	242	33	152	18	233
Commercially mixed formula feeds	27	78	26	210	21	76	12	206
Animal health costs	38	15	(NA)	(NA)	27	14	15	5
Seeds, bulbs, plants, and trees	62	87	48	27	46	82	25	26
Commercial fertilizer	61	124	35	81	40	113	26	80
Other agricultural chemicals including lime	52	60	25	18	36	54	22	18
Hired farm labor	29	132	16	103	26	129	14	(D)
Contract labor	3	2	2	(D)	3	2	–	–
Customwork, machine hire, and rental of machinery and equipment	22	17	17	3	15	15	9	2
Energy and petroleum products	91	174	(NA)	(NA)	55	159	(NA)	(NA)
Petroleum products	91	129	56	49	55	119	29	45
Gasoline	85	53	(NA)	(NA)	51	45	28	25
Diesel fuel	47	47	(NA)	(NA)	34	45	18	15
LP gas, butane, and propane	9	9	(NA)	(NA)	8	(D)	3	1
Fuel oil	9	11	(NA)	(NA)	9	11		
Natural gas	–	–	(NA)	(NA)	–	–	29	4
Kerosene, motor oil, and grease	91	9	(NA)	(NA)	55	(D)		
Electricity	57	42	(NA)	(NA)	38	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	4	2	(NA)	(NA)	3	(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	58	5 234	39	4 861	26	2 305
Cropland fertilized, except pasture	58	5 138	39	(D)	(NA)	2 305
Pasture and rangeland fertilized	5	96	3	(D)	(NA)	–
Lime	21	280	13	182	3	35
Sprays, dusts, granules, fumigants, etc. to control –						
Insects on hay and other crops	14	1 162	9	1 092	(NA)	587
Nematodes in crops	1	(D)	1	(D)	–	–
Diseases in crops and orchards	–	–	–	–	1	(D)
Weeds, grass, or brush in crops and pasture	41	3 701	29	3 512	(NA)	1 195
Chemicals for –						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	–	–	–	–
Insect control on livestock and poultry	21	(X)	15	(X)	5	(X)
Sanitation and rodent and bird control	19	(X)	17	(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	92	59	56	29
$1,000	2 326	805	2 002	574
Average per farm – dollars	25 279	13 644	35 741	19 793
Farms by value group:				
$1 to $4,999	10	10	5	3
$5,000 to $9,999	32	21	8	5
$10,000 to $19,999	17	14	14	7

	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	9	6	7	6
$30,000 to $49,999	8	7	6	7
$50,000 to $69,999	6	1	6	1
$70,000 to $99,999	5	–	5	–
$100,000 to $199,999	4		4	
$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	62	83	40	44	35	39	48	58	26
Motortrucks including pickups	75	113	39	45	51	68	49	61	25
Wheel tractors	82	181	25	32	77	149	53	98	12
Grain and bean combines, self-propelled only	13	13	3	3	10	10	2	(D)	–
Corn heads for combines	7	8	2	(D)	5	(D)	2	(D)	–
Other cornpickers and picker-shellers	22	22	4	4	18	18	14	14	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	27	27	11	11	16	16	12	12	4
Pickup balers	37	37	6	6	31	31	24	24	9
Field forage harvesters, shear bar or flywheel type	21	25	6	6	19	19	12	12	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	29	7	(X)	29	(X)	26	14
Workers	112	(X)	17	(X)	95	94	58
Farms with –							
1 worker	8	1	(D)	9	9	8	2
2 workers	5	3	(D)	7	14	4	4
3 or 4 workers	6	3	10	6	19	6	2
5 to 9 workers	8	–	–	6	(D)	6	5
10 workers or more	2	–	–	1	(D)	2	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	60	(X)	43	(X)	36	(X)	20	(X)
Any cattle, hogs, or sheep	54	(X)	40	(X)	33	(X)	18	(X)
Sales:								
Any livestock or poultry and their products $1,000	55	903	40	420	37	882	21	(D)
Any cattle, hogs, or sheep $1,000	47	375	32	(NA)	32	(D)	18	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	48	1 393	33	1 016	30	1 208	18	905
Cows and heifers that had calved	43	744	26	442	28	670	17	395
Beef cows	22	223	10	151	12	156	6	130
Milk cows	24	521	16	291	18	514	11	265
Heifers and heifer calves	42	408	(NA)	(NA)	28	356	14	214
Steers, steer calves, bulls and bull calves	41	241	(NA)	(NA)	26	182	17	296
Sales:								
Cattle and calves	41	718	27	391	30	653	18	359
$1,000	(X)	248	(X)	(NA)	(X)	234	(X)	87
Calves	20	211	(NA)	(NA)	15	175	5	(D)
$1,000	(X)	30	(X)	(NA)	(X)	27	(X)	(D)
Cattle	30	507	(NA)	(NA)	23	478	18	(D)
$1,000	(X)	218	(X)	(NA)	(X)	207	(X)	(D)
Fattened cattle	11	71	(NA)	(NA)	5	48	7	146
$1,000	(X)	29	(X)	(NA)	(X)	21	(X)	53
Dairy products $1,000	17	397	(NA)	(NA)	16	(D)	9	199
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	17	1 007	11	117	7	(D)	1	(D)
Used or to be used for breeding	8	244	(NA)	(NA)	3	(D)	1	(D)
Other hogs and pigs	17	763	(NA)	(NA)	7	(D)	1	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	9	323	3	9	4	303	1	(D)
Dec. 1 of preceding year and May 31	7	(D)	2	(D)	3	(D)	–	–
June 1 and Nov. 30	8	(D)	3	(D)	4	(D)	1	(D)
Sheep and lambs	1	(D)	1	(D)	–	–	–	–
Ewes 1 year old or older	1	(D)	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	8	25	14	44	2	(D)	5	15
Sales:								
Hogs and pigs	12	(D)	7	53	5	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	6	(D)	3	32	3	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	1	(D)	1	(D)	–	–	–	–
Sheep and lambs shorn	1	(D)	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	1	(D)	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	2	(D)	2	(D)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	18	(X)	18	(X)	9	(X)	7	(X)
Chickens 3 months old or older	16	1 513	18	(D)	8	1 263	7	(D)
Hens and pullets of laying age	16	(D)	13	470	8	(D)	6	216
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	2	(D)	4	332	2	(D)	2	(D)
Turkeys	5	69	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	4	(X)	(NA)	(X)	1	(X)	–	(X)
Sales:								
Any poultry	6	(X)	6	(X)	3	(X)	4	(X)
Chickens 3 months old or older	3	(D)	4	(D)	3	(D)	4	(D)
Hens and pullets of laying age	3	(D)	2	(D)	3	(D)	2	(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	1	(D)	2	(D)	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	1	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	12	(D)	11	108	6	(D)	7	108

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	2 536	(X)	2	(D)	34	2 427	(X)	2	(D)
	1974	31	1 144	(X)	(NA)	(NA)	19	1 072	(X)	–	–
For grain or seed (bushels)	1978	38	1 966	143 829	2	(D)	28	(D)	140 374	2	(D)
	1974	25	850	59 765	(NA)	(NA)	15	793	57 674	–	–
For silage or green chop (tons, green)	1978	20	570	5 172	–	–	18	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	279	2 374	–	–
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)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	14	505	7 394	–	–	11	491	7 162	–	–
	1974	6	115	3 595	(NA)	(NA)	4	(D)	(D)	–	–
Oats for grain (bushels)	1978	14	225	6 942	–	–	10	171	5 612	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	47	2 550	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	3	27	(D)	–	–	3	27	(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	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	6	(D)	(D)	1	(D)	5	(D)	(D)	1	(D)
	1974	3	395	70 900	(NA)	(NA)	3	395	70 900	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	70	3 368	5 349	–	–	46	2 732	4 662	–	–
	1974	45	2 559	5 257	(NA)	(NA)	23	2 057	4 768	–	–
Alfalfa hay (tons, dry)	1978	66	2 939	4 820	–	–	44	2 380	4 177	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	1 839	4 360	–	–
Other tame dry hay (tons, dry) (see text)	1978	5	93	(D)	–	–	4	(D)	(D)	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	2	(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	–	–	(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	6	19	(X)	1	(D)	3	7	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	5	17	(D)	(NA)	(NA)	2	(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)	(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	4	18	(X)	2	(D)	2	(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	1 461	229 513	1 603	226 408	1 119	210 960	1 105	198 858
Average size of farm	(X)	157	(X)	141	(X)	189	(X)	180
Approximate land area	(X)	548 480	(X)	548 480	(X)	548 480	(X)	548 480
Proportion in farms — percent	(X)	41.8	(X)	41.3	(X)	38.5	(X)	36.3
Value of land and buildings:[1]								
Average per farm — dollars	176 006	(X)	87 856	(X)	199 356	(X)	109 959	(X)
Average per acre — dollars	(X)	1 061	(X)	622	(X)	1 054	(X)	611
Land in farms according to use:								
Total cropland	1 429	179 055	1 560	172 640	1 099	167 555	1 078	155 876
Harvested cropland	1 382	145 605	1 505	133 154	1 070	139 119	1 068	124 535
By acres harvested:								
1 to 9 acres	159	736	178	(NA)	87	383	67	(NA)
10 to 19 acres	196	2 755	222	(NA)	84	1 196	75	(NA)
20 to 29 acres	154	3 617	155	(NA)	90	2 147	63	(NA)
30 to 49 acres	208	7 873	250	(NA)	162	6 199	189	(NA)
50 to 99 acres	252	17 563	325	(NA)	240	16 839	299	(NA)
100 to 199 acres	209	29 566	195	(NA)	203	28 860	195	(NA)
200 to 499 acres	154	45 786	144	(NA)	154	45 786	144	(NA)
500 to 999 acres	43	28 562	35	(NA)	43	28 562	35	(NA)
1,000 acres or more	7	9 147	1	(NA)	7	9 147	1	(NA)
Cropland used only for pasture	560	16 349	710	22 149	424	13 757	474	16 952
Other cropland	639	17 101	605	17 337	499	14 679	458	14 389
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	226	5 563	(NA)	(NA)	184	5 123	127	2 754
Cropland on which all crops failed	45	670	(NA)	(NA)	31	504	72	1 339
Cropland in cultivated summer fallow	160	2 960	(NA)	(NA)	132	2 593	150	3 028
Cropland idle	370	7 908	(NA)	(NA)	284	6 459	252	7 268
Total woodland	777	25 031	825	26 280	617	21 160	596	21 463
Woodland pastured	167	3 655	(NA)	(NA)	125	2 840	176	4 390
Woodland not pastured	663	21 376	(NA)	(NA)	537	18 320	484	17 073
Other land	1 121	25 427	1 247	27 488	859	22 245	874	21 519
Pastureland and rangeland, other than cropland and woodland pastured	179	5 651	(NA)	(NA)	141	5 158	150	5 680
Land in house lots, ponds, roads, wasteland, etc	1 094	19 776	(NA)	(NA)	838	17 087	850	15 839
Pastureland, all types	710	25 655	(NA)	(NA)	541	21 755	(NA)	27 022
Irrigated land	125	5 503	117	3 657	117	5 476	110	3 642
Harvested cropland irrigated	124	(D)	(NA)	(NA)	117	(D)	110	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Land set aside in the federal farm programs in 1978	223	4 249	(X)	(X)	207	4 167	(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]	1 461	59 089	1 603	41 571	1 119	58 676	1 105	40 994
Average per farm — dollars	(X)	40 445	(X)	25 933	(X)	52 436	(X)	37 099
Farms by value of agricultural products sold:[1]								
$100,000 or more	157	37 015	96	(NA)	157	37 015	96	(NA)
$40,000 to $99,999	195	12 232	167	(NA)	195	12 232	167	(NA)
$20,000 to $39,999	161	4 678	172	(NA)	161	4 678	172	(NA)
$10,000 to $19,999	178	2 477	207	(NA)	178	2 477	207	(NA)
$5,000 to $9,999	195	1 439	231	(NA)	195	1 439	231	(NA)
$2,500 to $4,999	233	834	212	(NA)	233	834	212	(NA)
Less than $2,500 (see text)	341	(D)	517	(NA)	(X)	(X)	20	(NA)
$2,000 to $2,499	48	106	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	70	120	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	72	86	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	151	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	1 154	32 931	1 293	23 670	942	32 677	(NA)	23 290
Grains	712	6 457	(NA)	(NA)	616	6 370	678	4 735
Commodity Credit Corporation loans	47	461	(NA)	(NA)	46	(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	444	1 421	(NA)	(NA)	350	1 344	334	932
Vegetables, sweet corn, and melons	115	3 490	(NA)	(NA)	105	3 481	96	3 968
Fruits, nuts, and berries	259	14 251	(NA)	(NA)	233	14 189	205	8 923
Nursery and greenhouse products	86	6 492	88	4 227	73	6 474	74	4 209
Other crops	14	820	(NA)	(NA)	11	818	18	522
Livestock, poultry, and their products	825	26 159	952	17 834	663	25 999	721	17 640
Poultry and poultry products	45	1 562	83	1 267	31	1 558	63	1 262
Dairy products	242	15 625	(NA)	(NA)	237	15 623	267	10 547
Cattle and calves	650	6 448	(NA)	(NA)	534	6 340	630	4 369
Hogs and pigs	186	2 142	(NA)	(NA)	161	2 125	128	1 341
Sheep, lambs, and wool	28	27	(NA)	(NA)	20	23	29	42
Other livestock and livestock products (see text)	95	354	(NA)	(NA)	62	331	37	77

[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	1 461	1 603	229 513	1 382	225 746	145 605	125	22 800	15 424	5 503
Farms with—										
1 to 9 acres	72	71	296	50	229	155	19	103	60	49
10 to 49 acres	373	385	10 864	341	10 091	5 649	45	1 124	576	415
50 to 69 acres	144	168	8 468	138	8 108	4 176	9	525	292	223
70 to 99 acres	211	271	17 303	204	16 720	8 497	8	685	394	196
100 to 139 acres	150	186	17 442	147	17 130	9 630	3	351	246	10
140 to 179 acres	119	145	18 772	113	17 802	10 440	6	979	484	214
180 to 219 acres	79	79	15 637	78	15 437	9 749	3	(D)	(D)	(D)
220 to 259 acres	61	71	14 436	59	13 934	8 388	2	(D)	(D)	(D)
260 to 499 acres	172	153	59 872	172	59 872	40 297	15	5 181	3 754	1 296
500 to 999 acres	60	67	41 156	60	41 156	29 787	10	7 128	4 969	1 881
1,000 to 1,999 acres	19	7	(D)	19	(D)	(D)	5	5 618	3 878	1 085
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 461	229 513	1 603	226 408	1 119	210 960	1 105	198 858
Harvested cropland	1 382	145 605	1 505	133 154	1 070	139 119	1 068	124 535
Tenure of operator:								
Full owners	881	85 566	1 083	100 769	606	70 616	643	76 268
Harvested cropland	818	44 987	(NA)	48 118	568	40 043	(NA)	40 778
Part owners	503	134 008	456	116 240	448	131 342	410	113 575
Harvested cropland	496	93 622	(NA)	79 170	444	92 407	(NA)	78 152
Tenants	77	9 939	64	9 399	65	9 002	52	9 015
Harvested cropland	68	6 996	(NA)	5 866	58	6 669	(NA)	5 605
Type of organization:								
Individual or family	1 259	171 068	(NA)	(NA)	941	153 491	972	154 051
Partnership	167	45 162	(NA)	(NA)	145	(D)	115	38 087
Corporation	28	12 561	(NA)	(NA)	28	12 561	17	(D)
Other—cooperative, estate or trust, institutional, etc.	7	722	(NA)	(NA)	5	(D)	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	704	826	641	714
Other	757	758	478	373
Operators by age group:				
Under 25 years	32	29	26	17
25 to 34 years	210	169	161	102
35 to 44 years	329	320	241	223
45 to 54 years	374	456	299	326
55 to 64 years	317	371	256	283
65 years and over	199	239	136	136
Average age	48.9	50.3	48.7	50.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 200	1 228	928	865
Not on farm operated	146	140	107	84
Not reported	115	216	84	138
Operators reporting days of work off farm:				
None	538	484	474	398
1 to 49 days	72	62	57	47
50 to 99 days	49	30	43	24
100 to 149 days	40	41	35	29
150 to 199 days	60	63	52	51
200 days or more	650	664	412	351

[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	494	2 578	579	2 574	427	2 475	408	2 498
Feed for livestock and poultry	773	4 942	942	3 339	671	4 906	636	3 223
Commercially mixed formula feeds	364	3 093	618	1 959	354	3 088	445	1 919
Animal health costs	675	606	(NA)	(NA)	605	599	446	232
Seeds, bulbs, plants, and trees	1 124	2 782	1 113	1 446	985	2 752	881	1 415
Commercial fertilizer	1 192	3 381	1 150	2 441	1 034	3 319	907	2 383
Other agricultural chemicals including lime	1 190	2 511	874	1 515	1 022	2 433	740	1 498
Hired farm labor	655	7 769	637	4 857	582	7 728	549	4 814
Contract labor	129	846	60	288	105	826	40	282
Customwork, machine hire, and rental of machinery and equipment	618	784	580	404	525	765	430	381
Energy and petroleum products	1 456	4 776	(NA)	(NA)	1 179	4 665	(NA)	(NA)
Petroleum products	1 450	3 385	1 532	1 857	1 179	3 303	1 072	1 760
Gasoline	1 360	1 330	(NA)	(NA)	1 090	1 272	1 032	1 013
Diesel fuel	752	871	(NA)	(NA)	722	865	496	366
LP gas, butane, and propane	210	223	(NA)	(NA)	205	221	140	152
Fuel oil	173	133	(NA)	(NA)	160	130		
Natural gas	64	637	(NA)	(NA)	58	635	1 072	228
Kerosene, motor oil, and grease	1 450	190	(NA)	(NA)	1 179	182		
Electricity	1 122	1 373	(NA)	(NA)	1 004	1 345	(NA)	(NA)
Other—coal, wood, coke, etc.	40	19	(NA)	(NA)	33	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	1 147	124 329	1 001	122 038	907	84 410
Cropland fertilized, except pasture	1 146	123 053	1 000	120 792	(NA)	83 905
Pasture and rangeland fertilized	42	1 276	36	1 246	(NA)	505
Lime	300	10 493	266	10 184	159	5 725
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	625	44 096	541	42 729	(NA)	21 630
Nematodes in crops	61	4 265	55	4 253	7	244
Diseases in crops and orchards	333	20 031	295	19 250	130	8 683
Weeds, grass, or brush in crops and pasture	687	65 608	599	63 913	(NA)	42 939
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	130	6 286	129	(D)	38	1 347
Insect control on livestock and poultry	332	(X)	289	(X)	90	(X)
Sanitation and rodent and bird control	249	(X)	217	(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	1 461	1 542	1 184	1 070
$1,000	51 068	32 038	48 864	28 526
Average per farm—dollars	34 954	20 777	41 271	26 660
Farms by value group:				
$1 to $4,999	178	257	101	89
$5,000 to $9,999	323	369	191	170
$10,000 to $19,999	344	365	294	282
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	131	245	115	228
$30,000 to $49,999	151	169	150	166
$50,000 to $69,999	144	63	143	61
$70,000 to $99,999	37	74	37	74
$100,000 to $199,999	120		120	
$200,000 or more	33		33	

	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	1 023	1 606	620	827	573	779	1 211	1 709	1 027
Motortrucks including pickups	1 183	1 929	731	968	687	961	1 270	1 825	865
Wheel tractors	1 356	3 660	447	690	1 272	2 970	1 455	3 483	619
Grain and bean combines, self-propelled only	229	241	42	43	188	198	171	177	36
Corn heads for combines	148	156	51	53	99	103	101	108	43
Other cornpickers and picker-shellers	536	545	89	89	447	456	530	550	102
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	638	657	214	217	427	440	478	498	159
Pickup balers	726	757	194	199	551	558	665	681	136
Field forage harvesters, shear bar or flywheel type	310	344	130	141	190	203	284	309	95

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	655	252	(X)	597	(X)	582	549
Workers	7 758	(X)	1 057	(X)	6 701	7 608	5 659
Farms with—							
1 worker	170	74	74	169	169	129	114
2 workers	88	71	142	91	182	75	60
3 or 4 workers	102	69	243	83	284	91	109
5 to 9 workers	118	25	145	91	572	110	106
10 workers or more	177	13	453	163	5 494	177	160

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	912	(X)	1 025	(X)	693	(X)	721	(X)
Any cattle, hogs, or sheep	783	(X)	929	(X)	619	(X)	665	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	825	26 159	952	17 834	663	25 999	721	17 640
Any cattle, hogs, or sheep ($1,000)	752	8 618	877	(NA)	615	8 488	680	5 752
CATTLE AND CALVES								
Inventory:								
Cattle and calves	698	38 242	867	40 330	553	36 751	621	37 725
Cows and heifers that had calved	513	17 749	619	17 791	414	17 193	466	16 609
Beef cows	280	4 435	361	5 704	187	3 923	224	4 601
Milk cows	262	13 314	314	12 087	252	13 270	287	12 008
Heifers and heifer calves	527	13 004	(NA)	(NA)	422	12 511	432	11 071
Steers, steer calves, bulls and bull calves	548	7 489	(NA)	(NA)	432	7 047	498	10 045
Sales:								
Cattle and calves	650	17 895	778	17 117	534	17 542	630	16 451
($1,000)	(X)	6 448	(X)	(NA)	(X)	6 340	(X)	4 369
Calves	335	6 724	(NA)	(NA)	289	6 599	326	5 174
($1,000)	(X)	875	(X)	(NA)	(X)	853	(X)	419
Cattle	576	11 171	(NA)	(NA)	482	10 943	564	11 277
($1,000)	(X)	5 573	(X)	(NA)	(X)	5 487	(X)	3 950
Fattened cattle	243	5 275	(NA)	(NA)	200	5 175	226	5 594
($1,000)	(X)	2 575	(X)	(NA)	(X)	2 536	(X)	2 171
Dairy products ($1,000)	242	15 625	(NA)	(NA)	237	15 623	267	10 547
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	188	16 135	191	14 373	158	15 739	131	13 666
Used or to be used for breeding	119	2 270	(NA)	(NA)	104	2 216	83	1 752
Other hogs and pigs	178	13 865	(NA)	(NA)	149	13 523	123	11 914
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	127	3 034	131	2 542	111	2 978	98	2 442
Dec. 1 of preceding year and May 31	97	1 447	112	1 278	86	1 423	89	1 229
June 1 and Nov. 30	118	1 587	91	1 264	105	1 555	74	1 213
Sheep and lambs	28	860	44	1 679	20	666	27	1 211
Ewes 1 year old or older	28	537	(NA)	(NA)	20	446	26	813
Goats	12	71	(NA)	(NA)	5	54	1	(D)
Horses and ponies	237	957	248	1 364	143	581	132	829
Sales:								
Hogs and pigs	186	25 310	180	21 346	161	24 963	128	20 551
($1,000)	(X)	2 142	(X)	(NA)	(X)	2 125	(X)	1 341
Feeder pigs	58	6 935	56	4 756	50	6 844	37	4 353
($1,000)	(X)	318	(X)	(NA)	(X)	315	(X)	122
Sheep and lambs	28	638	43	1 164	20	489	28	982
Sheep and lambs shorn	22	624	(NA)	(NA)	16	523	24	1 131
Pounds of wool	(X)	5 053	(X)	(NA)	(X)	4 181	(X)	8 451
Sheep, lambs, and wool ($1,000)	28	27	(NA)	(NA)	20	23	29	42
Goats	4	54	(NA)	(NA)	2	(D)	1	(D)
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	47	129	49	145	32	101	26	103
($1,000)	(X)	149	(X)	(NA)	(X)	135	(X)	31
POULTRY								
Inventory:								
Any poultry	117	(X)	189	(X)	72	(X)	115	(X)
Chickens 3 months old or older	102	(D)	167	170 645	61	(D)	99	168 143
Hens and pullets of laying age	101	(D)	160	93 828	61	(D)	96	91 869
Pullets 3 months old or older	13	(D)	(NA)	(NA)	6	(D)	12	75 856
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	20	1 037	34	1 761	15	902	18	1 365
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	1	(D)
Other poultry	25	(X)	(NA)	(X)	11	(X)	10	(X)
Sales:								
Any poultry	40	(X)	51	(X)	29	(X)	43	(X)
Chickens 3 months old or older	23	136 092	40	171 952	18	135 826	35	171 517
Hens and pullets of laying age	23	136 092	36	81 530	18	135 826	32	81 145
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	3	90 020
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	9	2 789	12	37 338	7	(D)	7	37 110
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)	–	–	–	–
Other poultry	8	(X)	(NA)	(X)	5	(X)	4	(X)
Poultry and poultry products ($1,000)	45	1 562	83	1 267	31	1 558	63	1 262

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	835	64 664	(X)	12	1 220	720	63 437	(X)	12	1 220
	1974	946	55 732	(X)	(NA)	(NA)	748	53 567	(X)	8	537
For grain or seed (bushels)	1978	814	54 707	4 701 194	12	(D)	703	53 575	4 633 240	12	(D)
	1974	900	43 515	2 455 147	(NA)	(NA)	717	41 623	2 382 983	6	(D)
For silage or green chop (tons, green)	1978	268	9 957	128 244	2	(D)	257	9 862	127 588	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	300	11 706	113 586	2	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	238	(X)	–	–
Sorghums for all purposes	1978	26	261	(X)	–	–	24	(D)	(X)	–	–
	1974	33	492	(X)	(NA)	(NA)	25	290	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	4	36	2 700	(NA)	(NA)	4	36	2 700	–	–
For silage or green chop (tons, green)	1978	25	218	2 310	–	–	23	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	21	224	1 527	–	–
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	30	(X)	–	–
Wheat for grain (bushels)	1978	230	6 416	245 011	–	–	209	6 179	238 150	–	–
	1974	596	12 905	432 005	(NA)	(NA)	493	11 860	405 151	1	(D)
Oats for grain (bushels)	1978	430	8 828	463 000	–	–	388	8 424	446 985	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	343	6 314	313 193	–	–
Barley for grain (bushels)	1978	4	53	1 910	–	–	4	53	1 910	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	32	1 762	–	–
Rye for grain (bushels)	1978	23	430	11 076	–	–	20	385	10 313	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	415	10 484	–	–
Other small grains for grain	1978	6	73	(X)	–	–	6	73	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	28	475	(X)	1	(D)
Soybeans for beans (bushels)	1978	15	701	23 441	–	–	13	(D)	(D)	–	–
	1974	13	311	5 069	(NA)	(NA)	11	(D)	(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	13	796	228 315	7	688	10	786	227 365	6	(D)
	1974	18	384	105 320	(NA)	(NA)	17	(D)	(D)	6	336
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Hay crops (tons, dry) (see text)	1978	938	46 809	123 077	6	602	719	42 810	116 877	6	602
	1974	969	39 245	88 519	(NA)	(NA)	698	34 526	81 077	3	172
Alfalfa hay (tons, dry)	1978	847	33 966	99 212	5	308	668	31 110	94 235	5	308
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	561	23 495	59 803	3	172
Other tame dry hay (tons, dry) (see text)	1978	143	2 833	5 548	–	–	95	2 073	4 637	–	–
Field seed crops	1978	7	173	(X)	–	–	6	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	45	529	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	6	165	11 670	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	43	505	50 294	–	–
All vegetables harvested for sale (see text)	1978	115	3 456	(X)	57	2 077	105	3 425	(X)	57	2 077
	1974	118	2 939	(X)	(NA)	(NA)	97	2 895	(X)	56	1 973
Sweet corn	1978	55	551	(X)	21	186	49	535	(X)	21	186
	1974	(NA)	(NA)	(X)	(NA)	(NA)	58	623	(X)	28	237
Tomatoes	1978	35	29	(X)	17	16	32	29	(X)	17	16
	1974	(NA)	(NA)	(X)	(NA)	(NA)	40	50	(X)	22	24
Green peas excluding cowpeas	1978	3	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	7	(X)	8	5
Land in orchards	1978	265	17 760	(X)	21	715	227	17 253	(X)	17	702
	1974	248	13 907	(X)	(NA)	(NA)	213	13 672	(X)	17	350
Apples (pounds)	1978	248	14 621	172 559 179	(NA)	(NA)	215	14 197	171 815 404	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11 056	111 051 183	(NA)	(NA)
Peaches (pounds)	1978	71	865	3 938 614	(NA)	(NA)	61	838	3 905 774	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	584	4 084 470	(NA)	(NA)
Grapes (pounds) (see text)	1978	11	24	58 455	(NA)	(NA)	5	18	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	15	32 000	(NA)	(NA)
Berries	1978	36	147	(X)	17	61	30	141	(X)	16	(D)
	1974	29	140	(X)	(NA)	(NA)	20	133	(X)	13	53
Strawberries (pounds)	1978	28	110	542 680	14	58	23	107	529 705	13	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	69	335 937	13	53
Nursery and greenhouse products	1978	86	364	(X)	43	78	73	316	(X)	41	(D)
Other crops	1978	17	1 145	(X)	(NA)	(NA)	17	1 145	(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	126	23 496	122	23 429	69	15 520	60	15 549
Average size of farm	(X)	186	(X)	192	(X)	225	(X)	259
Approximate land area	(X)	365 440	(X)	365 440	(X)	365 440	(X)	365 440
Proportion in farms — percent	(X)	6.4	(X)	6.4	(X)	4.2	(X)	4.3
Value of land and buildings:[1]								
Average per farm — dollars	81 863	(X)	44 738	(X)	95 734	(X)	57 933	(X)
Average per acre — dollars	(X)	414	(X)	233	(X)	421	(X)	224
Land in farms according to use:								
Total cropland	123	13 154	118	13 235	68	8 815	60	9 368
Harvested cropland	116	6 321	101	6 366	65	4 932	57	4 866
By acres harvested:								
1 to 9 acres	6	31	3	(NA)	1	(D)	–	(NA)
10 to 19 acres	21	288	11	(NA)	6	(D)	4	(NA)
20 to 29 acres	20	458	14	(NA)	7	164	4	(NA)
30 to 49 acres	26	990	25	(NA)	14	521	10	(NA)
50 to 99 acres	30	1 948	29	(NA)	24	1 549	22	(NA)
100 to 199 acres	8	1 232	15	(NA)	8	1 232	13	(NA)
200 to 499 acres	5	1 374	4	(NA)	5	1 374	4	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	77	4 161	85	4 649	47	2 474	44	2 830
Other cropland	72	2 672	58	2 220	36	1 409	39	1 672
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	26	644	(NA)	(NA)	17	259	13	785
Cropland on which all crops failed	18	251	(NA)	(NA)	10	94	9	176
Cropland in cultivated summer fallow	23	530	(NA)	(NA)	15	347	16	258
Cropland idle	37	1 247	(NA)	(NA)	16	709	10	453
Total woodland	97	7 002	86	6 369	56	4 128	46	4 154
Woodland pastured	37	1 894	(NA)	(NA)	22	959	21	1 151
Woodland not pastured	79	5 108	(NA)	(NA)	49	3 169	35	3 003
Other land	109	3 340	94	3 825	57	2 577	48	2 027
Pastureland and rangeland, other than cropland and woodland pastured	16	1 174	(NA)	(NA)	11	999	14	1 057
Land in house lots, ponds, roads, wasteland, etc	107	2 166	(NA)	(NA)	57	1 578	45	970
Pastureland, all types	92	7 229	(NA)	(NA)	53	4 432	(NA)	5 038
Irrigated land	2	(D)	–	–	2	(D)	–	–
Harvested cropland irrigated	2	(D)	(NA)	(NA)	2	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	34	280	(X)	(X)	25	249	(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]	126	972	122	835	69	921	60	774
Average per farm — dollars	(X)	7 716	(X)	6 844	(X)	13 342	(X)	12 900
Farms by value of agricultural products sold:[1]								
$100,000 or more	1	(D)	–	(NA)	1	(D)	–	(NA)
$40,000 to $99,999	4	(D)	3	(NA)	4	(D)	3	(NA)
$20,000 to $39,999	8	217	6	(NA)	8	217	6	(NA)
$10,000 to $19,999	9	142	18	(NA)	9	142	18	(NA)
$5,000 to $9,999	12	76	10	(NA)	12	76	10	(NA)
$2,500 to $4,999	35	120	20	(NA)	35	120	20	(NA)
Less than $2,500 (see text)	57	52	65	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	11	24	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	4	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	9	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	33	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	65	204	82	212	39	177	(NA)	185
Grains	25	55	(NA)	(NA)	21	51	31	74
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	52	106	(NA)	(NA)	30	85	38	80
Vegetables, sweet corn, and melons	4	(D)	(NA)	(NA)	2	(D)	4	29
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	2	(D)	–	–
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	–	–	(NA)	(NA)	–	–	4	2
Livestock, poultry, and their products	73	769	94	612	48	743	52	579
Poultry and poultry products	9	(D)	13	42	7	(D)	10	42
Dairy products	17	494	(NA)	(NA)	17	494	19	379
Cattle and calves	61	212	(NA)	(NA)	45	197	49	135
Hogs and pigs	11	20	(NA)	(NA)	7	16	10	23
Sheep, lambs, and wool	4	(D)	(NA)	(NA)	3	(D)	1	(Z)
Other livestock and livestock products (see text)	7	8	(NA)	(NA)	1	(D)	3	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	126	122	23 496	116	22 134	6 321	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	2	1	(D)	1	(D)	(D)	–	–	–	–
10 to 49 acres	18	9	(D)	15	(D)	(D)	–	–	–	–
50 to 69 acres	3	6	180	3	180	40	–	–	–	–
70 to 99 acres	18	22	1 445	18	1 445	552	–	–	–	–
100 to 139 acres	29	20	3 315	25	2 821	956	2	(D)	(D)	(D)
140 to 179 acres	12	26	1 991	11	1 831	425	–	–	–	–
180 to 219 acres	6	7	1 223	6	1 223	276	–	–	–	–
220 to 259 acres	11	8	2 640	11	2 640	878	–	–	–	–
260 to 499 acres	18	15	6 289	18	6 289	1 680	–	–	–	–
500 to 999 acres	9	8	5 756	8	5 120	1 202	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	126	23 496	122	23 429	69	15 520	60	15 549
Harvested cropland	116	6 321	101	6 366	65	4 932	57	4 866
Tenure of operator:								
Full owners	89	13 694	95	16 863	44	7 409	42	9 879
Harvested cropland	79	3 154	(NA)	4 679	40	(D)	(NA)	3 243
Part owners	35	(D)	23	5 399	24	(D)	15	(D)
Harvested cropland	35	(D)	(NA)	1 302	24	2 375	(NA)	1 250
Tenants	2	(D)	4	1 167	1	(D)	3	(D)
Harvested cropland	2	(D)	(NA)	385	1	(D)	(NA)	373
Type of organization:								
Individual or family	115	19 870	(NA)	(NA)	60	(D)	54	13 838
Partnership	11	3 626	(NA)	(NA)	9	(D)	6	1 711
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	51	57	37	35
Other	75	65	32	25
Operators by age group:				
Under 25 years	1	–	–	–
25 to 34 years	23	18	14	8
35 to 44 years	20	23	12	15
45 to 54 years	18	29	8	11
55 to 64 years	41	35	24	22
65 years and over	23	17	11	4
Average age	51.1	50.4	50.4	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	104	95	57	52
Not on farm operated	15	15	7	4
Not reported	7	12	5	4
Operators reporting days of work off farm:				
None	39	36	28	26
1 to 49 days	12	10	6	5
50 to 99 days	2	5	1	2
100 to 149 days	5	4	2	1
150 to 199 days	5	3	2	2
200 days or more	59	55	28	22

[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	38	44	58	40	28	43	25	31
Feed for livestock and poultry	74	148	78	128	46	136	39	116
Commercially mixed formula feeds	34	76	39	54	30	73	20	49
Animal health costs	60	12	(NA)	(NA)	45	10	30	5
Seeds, bulbs, plants, and trees	76	31	64	17	59	30	37	15
Commercial fertilizer	74	61	65	33	51	55	46	30
Other agricultural chemicals including lime	40	19	43	10	32	18	29	9
Hired farm labor	37	57	31	39	34	55	21	36
Contract labor	–	–	1	(Z)	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment	45	14	28	7	28	12	22	6
Energy and petroleum products	127	118	(NA)	(NA)	72	94	(NA)	(NA)
Petroleum products	127	82	112	70	72	66	59	56
Gasoline	125	55	(NA)	(NA)	70	42	57	38
Diesel fuel	38	16	(NA)	(NA)	31	15	28	11
LP gas, butane, and propane	4	1	(NA)	(NA)	4	1	4	1
Fuel oil	5	1	(NA)	(NA)	5	1		
Natural gas	–	–	(NA)	(NA)	–	–	59	5
Kerosene, motor oil, and grease	127	10	(NA)	(NA)	72	7		
Electricity	90	35	(NA)	(NA)	54	28	(NA)	(NA)
Other—coal, wood, coke, etc.	9	1	(NA)	(NA)	6	1	(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	68	2 487	49	2 205	46	1 718
Cropland fertilized, except pasture	68	2 316	49	2 074	(NA)	1 512
Pasture and rangeland fertilized	10	171	6	131	(NA)	206
Lime	14	182	12	(D)	9	130
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	9	342	7	(D)	(NA)	220
Nematodes in crops	1	(D)	–	–	–	–
Diseases in crops and orchards	5	213	5	213	–	–
Weeds, grass, or brush in crops and pasture	32	1 250	28	1 224	(NA)	712
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	18	(X)	13	(X)	6	(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		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	127	117	72	59
$1,000	1 930	1 465	1 485	1 007
Average per farm—dollars	15 195	12 521	20 619	17 068
Farms by value group:				
$1 to $4,999	7	29	3	10
$5,000 to $9,999	63	39	17	18
$10,000 to $19,999	23	25	22	10

	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	22	14	18	11
$30,000 to $49,999	7	8	7	8
$50,000 to $69,999	2	–	2	–
$70,000 to $99,999	2	2	2	2
$100,000 to $199,999	1		1	
$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	96	116	59	60	45	56	90	114	60
Motortrucks including pickups	111	139	39	41	76	98	89	104	37
Wheel tractors	114	275	2	(D)	113	(D)	111	215	10
Grain and bean combines, self-propelled only	16	16	–	–	16	16	10	10	–
Corn heads for combines	1	(D)	–	–	1	(D)	–	–	–
Other cornpickers and picker-shellers	43	51	2	(D)	41	(D)	29	32	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	39	40	13	13	26	27	35	35	12
Pickup balers	76	80	7	7	70	73	60	60	7
Field forage harvesters, shear bar or flywheel type	34	37	5	5	30	32	19	19	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	37	10	(X)	33	(X)	34	21
Workers	107	(X)	16	(X)	91	86	70
Farms with—							
1 worker	10	5	5	13	13	10	11
2 workers	9	4	(D)	4	8	9	3
3 or 4 workers	14	1	(D)	12	42	14	4
5 to 9 workers	4	–	–	4	28	1	1
10 workers or more	–	–	–	–	–	–	2

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	87	(X)	106	(X)	53	(X)	53	(X)
Any cattle, hogs, or sheep	75	(X)	98	(X)	46	(X)	49	(X)
Sales:								
Any livestock or poultry and their products $1,000	73	769	94	612	48	743	52	579
Any cattle, hogs, or sheep $1,000	67	233	87	(NA)	46	213	49	158
CATTLE AND CALVES								
Inventory:								
Cattle and calves	71	1 916	95	3 031	45	1 665	48	2 436
Cows and heifers that had calved	66	985	85	1 540	43	867	46	1 200
Beef cows	45	477	67	997	28	388	34	680
Milk cows	30	508	24	543	20	479	17	520
Heifers and heifer calves	60	588	(NA)	(NA)	38	511	41	660
Steers, steer calves, bulls and bull calves	59	343	(NA)	(NA)	39	287	43	576
Sales:								
Cattle and calves	61	675	83	832	45	629	49	663
$1,000	(X)	212	(X)	(NA)	(X)	197	(X)	135
Calves	33	268	(NA)	(NA)	26	245	20	196
$1,000	(X)	51	(X)	(NA)	(X)	45	(X)	19
Cattle	53	407	(NA)	(NA)	40	384	40	467
$1,000	(X)	162	(X)	(NA)	(X)	152	(X)	116
Fattened cattle	11	46	(NA)	(NA)	6	39	10	64
$1,000	(X)	16	(X)	(NA)	(X)	13	(X)	22
Dairy products $1,000	17	494	(NA)	(NA)	17	494	19	379
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	13	290	20	308	8	223	11	281
Used or to be used for breeding	12	51	(NA)	(NA)	7	(D)	5	56
Other hogs and pigs	9	239	(NA)	(NA)	6	(D)	9	225
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	12	66	6	96	7	46	5	(D)
Dec. 1 of preceding year and May 31	9	26	3	29	5	20	3	29
June 1 and Nov. 30	8	40	6	67	5	26	5	(D)
Sheep and lambs	4	96	3	106	3	(D)	1	(D)
Ewes 1 year old or older	4	75	(NA)	(NA)	3	(D)	1	(D)
Goats	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Horses and ponies	26	83	26	111	12	45	15	77
Sales:								
Hogs and pigs	11	386	16	761	7	253	10	741
$1,000	(X)	20	(X)	(NA)	(X)	(D)	(X)	23
Feeder pigs	8	307	4	574	5	187	3	(D)
$1,000	(X)	12	(X)	(NA)	(X)	8	(X)	(D)
Sheep and lambs	4	(D)	3	79	3	(D)	1	(D)
Sheep and lambs shorn	4	78	(NA)	(NA)	3	(D)	1	(D)
Pounds of wool	(X)	591	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	4	1	(NA)	(NA)	3	(D)	1	(Z)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	1	(D)	3	17	–	–	3	17
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	1
POULTRY								
Inventory:								
Any poultry	27	(X)	40	(X)	16	(X)	19	(X)
Chickens 3 months old or older	25	2 931	40	5 179	16	2 793	19	4 717
Hens and pullets of laying age	25	(D)	32	4 883	16	(D)	15	4 529
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	9	143	2	(D)	5	105	2	(D)
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	9	(X)	(NA)	(X)	7	(X)	6	(X)
Sales:								
Any poultry	6	(X)	6	(X)	4	(X)	4	(X)
Chickens 3 months old or older	2	(D)	6	3 156	1	(D)	4	(D)
Hens and pullets of laying age	2	(D)	6	3 156	1	(D)	4	(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	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	3	(X)	(NA)	(X)	3	(X)	1	(X)
Poultry and poultry products $1,000	9	(D)	13	42	7	(D)	10	42

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	55	1 270	(X)	–	–	36	1 127	(X)	–	–
	1974	53	1 175	(X)	(NA)	(NA)	33	1 004	(X)	–	–
For grain or seed (bushels)	1978	46	799	51 148	–	–	29	683	45 956	–	–
	1974	34	509	26 526	(NA)	(NA)	21	403	21 374	–	–
For silage or green chop (tons, green)	1978	19	(D)	3 714	–	–	17	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	585	4 606	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	16	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	11	172	3 851	–	–	11	172	3 851	–	–
	1974	41	388	14 487	(NA)	(NA)	29	297	11 635	–	–
Oats for grain (bushels)	1978	26	430	18 198	–	–	22	408	17 568	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	388	15 830	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	4	36	975	–	–	2	(D)	(D)	–	–
	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)	(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	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	4	4	640	(NA)	(NA)	4	4	640	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	104	4 416	7 747	–	–	59	3 201	6 056	–	–
	1974	97	4 359	8 272	(NA)	(NA)	55	3 190	6 723	–	–
Alfalfa hay (tons, dry)	1978	100	3 519	6 359	–	–	57	2 442	4 948	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	51	2 286	4 897	–	–
Other tame dry hay (tons, dry) (see text)	1978	11	413	645	–	–	8	335	505	–	–
Field seed crops	1978	3	39	(X)	–	–	3	39	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	90	(X)	–	–
Alfalfa seed (pounds)	1978	3	39	2 900	–	–	3	39	2 900	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	68	6 686	–	–
All vegetables harvested for sale (see text)	1978	4	8	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	6	17	(X)	(NA)	(NA)	4	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(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	5	54	(X)	–	–	4	(D)	(X)	–	–
	1974	4	23	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	5	47	(D)	(NA)	(NA)	4	(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)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	2	(D)	(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	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	1 323	233 427	1 405	223 737	886	206 000	898	194 015
Average size of farm	(X)	176	(X)	159	(X)	233	(X)	216
Approximate land area	(X)	421 120	(X)	421 120	(X)	421 120	(X)	421 120
Proportion in farms, percent	(X)	55.4	(X)	53.1	(X)	48.9	(X)	46.1
Value of land and buildings:[1]								
Average per farm, dollars	220 450	(X)	113 595	(X)	255 991	(X)	150 399	(X)
Average per acre, dollars	(X)	1 237	(X)	713	(X)	1 123	(X)	696
Land in farms according to use:								
Total cropland	1 300	183 353	1 384	169 626	873	166 407	887	149 917
Harvested cropland	1 245	144 324	1 316	130 958	857	134 864	865	121 092
By acres harvested:								
1 to 9 acres	101	496	101	(NA)	33	159	20	(NA)
10 to 19 acres	157	2 214	171	(NA)	37	522	37	(NA)
20 to 29 acres	158	3 648	166	(NA)	64	1 482	54	(NA)
30 to 49 acres	184	6 979	248	(NA)	115	4 478	145	(NA)
50 to 99 acres	255	17 553	253	(NA)	223	15 548	233	(NA)
100 to 199 acres	185	26 521	193	(NA)	180	25 762	192	(NA)
200 to 499 acres	161	48 485	149	(NA)	161	48 485	149	(NA)
500 to 999 acres	29	18 471	27	(NA)	29	18 471	27	(NA)
1,000 acres or more	15	19 957	8	(NA)	15	19 957	8	(NA)
Cropland used only for pasture	556	16 684	741	22 364	373	13 245	442	16 232
Other cropland	662	22 345	561	16 304	468	18 298	364	12 593
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	166	4 079	(NA)	(NA)	124	3 393	97	2 691
Cropland on which all crops failed	97	2 428	(NA)	(NA)	73	2 078	59	1 009
Cropland in cultivated summer fallow	238	5 798	(NA)	(NA)	181	5 070	175	4 504
Cropland idle	364	10 040	(NA)	(NA)	250	7 757	134	4 389
Total woodland	735	26 536	733	25 865	510	21 337	509	21 476
Woodland pastured	168	5 745	(NA)	(NA)	112	4 807	148	4 580
Woodland not pastured	630	20 791	(NA)	(NA)	442	16 530	427	16 896
Other land	1 041	23 538	1 126	28 246	686	18 256	726	22 622
Pastureland and rangeland, other than cropland and woodland pastured	124	3 525	(NA)	(NA)	84	2 760	135	5 328
Land in house lots, ponds, roads, wasteland, etc	1 023	20 013	(NA)	(NA)	673	15 496	704	17 294
Pastureland, all types	702	25 954	(NA)	(NA)	463	20 812	(NA)	26 140
Irrigated land	44	2 439	30	1 354	37	2 391	25	1 311
Harvested cropland irrigated	41	2 389	(NA)	(NA)	35	2 371	25	(D)
Pastureland irrigated	3	26	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	3	24	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	291	7 634	(X)	(X)	267	7 476	(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]	1 323	41 332	1 405	34 869	886	40 851	898	34 268
Average per farm, dollars	(X)	31 241	(X)	24 818	(X)	46 107	(X)	38 160
Farms by value of agricultural products sold:[1]								
$100,000 or more	79	23 435	60	(NA)	79	23 435	60	(NA)
$40,000 to $99,999	152	9 863	137	(NA)	152	9 863	137	(NA)
$20,000 to $39,999	133	3 793	154	(NA)	133	3 793	154	(NA)
$10,000 to $19,999	119	1 641	167	(NA)	119	1 641	167	(NA)
$5,000 to $9,999	191	1 338	200	(NA)	191	1 338	200	(NA)
$2,500 to $4,999	212	782	163	(NA)	212	782	163	(NA)
Less than $2,500 (see text)	436	(D)	524	(NA)	(X)	(X)	17	(NA)
$2,000 to $2,499	56	125	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	100	174	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	84	102	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	196	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	940	19 856	1 122	17 538	697	19 597	(NA)	17 143
Grains	677	7 217	(NA)	(NA)	543	7 088	646	5 763
Commodity Credit Corporation loans	62	356	(NA)	(NA)	58	354	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	432	1 597	(NA)	(NA)	308	1 490	318	1 335
Vegetables, sweet corn, and melons	62	5 638	(NA)	(NA)	53	5 631	43	2 735
Fruits, nuts, and berries	33	685	(NA)	(NA)	23	(D)	19	762
Nursery and greenhouse products	22	4 206	25	5 681	15	4 196	25	5 681
Other crops	13	513	(NA)	(NA)	12	(D)	14	868
Livestock, poultry, and their products	812	21 476	912	17 305	610	21 254	652	17 100
Poultry and poultry products	69	138	71	207	42	133	39	201
Dairy products	235	11 880	(NA)	(NA)	233	(D)	285	10 389
Cattle and calves	633	7 754	(NA)	(NA)	509	7 614	596	5 522
Hogs and pigs	172	1 065	(NA)	(NA)	128	1 034	93	626
Sheep, lambs, and wool	49	54	(NA)	(NA)	32	(D)	31	20
Other livestock and livestock products (see text)	117	585	(NA)	(NA)	74	552	53	341

[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	1 323	1 405	233 427	1 245	229 167	144 324	44	9 491	5 801	2 439
Farms with—										
1 to 9 acres	27	25	110	14	77	47	6	30	14	8
10 to 49 acres	323	329	9 709	284	8 871	4 830	8	220	64	28
50 to 69 acres	114	134	6 689	108	6 333	3 197	2	(D)	(D)	(D)
70 to 99 acres	218	234	17 776	205	16 748	8 246	1	(D)	(D)	(D)
100 to 139 acres	149	164	17 121	145	16 697	8 953	4	469	242	108
140 to 179 acres	114	140	17 893	113	17 747	9 656	4	590	323	71
180 to 219 acres	65	73	12 878	65	12 878	7 530	5	969	470	362
220 to 259 acres	54	73	12 841	54	12 841	8 715	–	–	–	–
260 to 499 acres	169	164	60 704	168	60 224	38 812	12	4 436	2 770	1 394
500 to 999 acres	67	53	43 457	66	42 502	28 954	1	(D)	(D)	(D)
1,000 to 1,999 acres	22	16	(D)	22	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 323	233 427	1 405	223 737	886	206 000	898	194 015
Harvested cropland	1 245	144 324	1 316	130 958	857	134 864	865	121 092
Tenure of operator:								
Full owners	787	75 013	958	100 325	434	53 640	515	74 495
Harvested cropland	719	36 676	(NA)	46 649	408	29 818	(NA)	38 553
Part owners	450	142 991	392	111 684	390	137 819	335	108 092
Harvested cropland	444	97 402	(NA)	77 551	388	95 351	(NA)	75 856
Tenants	86	15 423	55	11 728	62	14 541	48	11 428
Harvested cropland	82	10 246	(NA)	6 758	61	9 695	(NA)	6 683
Type of organization:								
Individual or family	1 159	173 123	(NA)	(NA)	753	147 805	804	158 734
Partnership	144	54 476	(NA)	(NA)	120	53 067	81	31 152
Corporation	16	5 483	(NA)	(NA)	13	5 128	11	(D)
Other—cooperative, estate or trust, institutional, etc.	4	345	(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	603	679	522	565
Other	720	713	364	320
Operators by age group:				
Under 25 years	29	14	21	7
25 to 34 years	134	123	81	81
35 to 44 years	289	300	184	178
45 to 54 years	359	412	255	273
55 to 64 years	355	352	252	235
65 years and over	157	191	93	111
Average age	49.9	50.9	50.0	51.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 082	1 099	742	719
Not on farm operated	137	112	76	57
Not reported	104	181	68	109
Operators reporting days of work off farm:				
None	449	460	360	358
1 to 49 days	88	58	68	43
50 to 99 days	28	14	17	10
100 to 149 days	41	50	31	27
150 to 199 days	63	67	41	40
200 days or more	619	595	340	289

[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	440	3 661	550	2 909	321	3 596	316	2 822
Feed for livestock and poultry	748	2 654	871	2 534	557	2 510	541	2 434
Commercially mixed formula feeds	366	1 196	577	1 378	305	1 164	386	1 344
Animal health costs	667	426	(NA)	(NA)	491	395	423	240
Seeds, bulbs, plants, and trees	951	1 365	1 001	953	735	1 289	757	923
Commercial fertilizer	1 018	3 523	1 045	2 298	782	3 408	755	2 227
Other agricultural chemicals including lime	799	1 232	627	671	660	1 213	523	662
Hired farm labor	559	4 762	409	3 037	457	4 718	327	3 011
Contract labor	37	219	32	50	34	215	24	49
Customwork, machine hire, and rental of machinery and equipment	556	566	562	323	412	512	396	296
Energy and petroleum products	1 315	3 211	(NA)	(NA)	897	3 049	(NA)	(NA)
Petroleum products	1 315	2 255	1 391	1 441	897	2 128	892	1 331
Gasoline	1 214	971	(NA)	(NA)	811	878	877	780
Diesel fuel	649	613	(NA)	(NA)	560	597	392	320
LP gas, butane, and propane	126	137	(NA)	(NA)	121	136	78	43
Fuel oil	96	34	(NA)	(NA)	84	32	892	187
Natural gas	24	348	(NA)	(NA)	24	348		
Kerosene, motor oil, and grease	1 315	152	(NA)	(NA)	897	137		
Electricity	949	939	(NA)	(NA)	706	903	(NA)	(NA)
Other—coal, wood, coke, etc.	45	18	(NA)	(NA)	39	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	1 008	108 446	772	103 753	755	81 343
Cropland fertilized, except pasture	1 003	107 082	767	102 413	(NA)	80 914
Pasture and rangeland fertilized	48	1 364	42	1 340	(NA)	429
Lime	66	1 927	54	1 867	22	568
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	350	29 412	276	28 546	(NA)	16 769
Nematodes in crops	50	1 968	50	1 968	13	531
Diseases in crops and orchards	73	4 568	52	4 539	27	1 809
Weeds, grass, or brush in crops and pasture	540	62 826	466	61 440	(NA)	42 498
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	9	162	9	162	6	75
Insect control on livestock and poultry	214	(X)	179	(X)	55	(X)
Sanitation and rodent and bird control	191	(X)	142	(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	1 315	1 392	897	885
$1,000	48 545	30 848	44 665	26 673
Average per farm—dollars	36 917	22 161	49 794	30 139
Farms by value group:				
$1 to $4,999	106	217	43	66
$5,000 to $9,999	403	336	162	105
$10,000 to $19,999	252	296	176	201

	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	104	242	80	222
$30,000 to $49,999	148	174	144	165
$50,000 to $69,999	94	47	88	46
$70,000 to $99,999	101	80	97	80
$100,000 to $199,999	60		60	
$200,000 or more	47		47	

	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	870	1 291	570	764	395	527	1 141	1 526	1 045
Motortrucks including pickups	1 080	1 669	634	782	640	887	1 174	1 568	786
Wheel tractors	1 257	3 446	359	541	1 163	2 905	1 315	3 215	614
Grain and bean combines, self-propelled only	308	315	48	49	266	266	224	234	51
Corn heads for combines	179	186	58	60	125	126	100	101	47
Other cornpickers and picker-shellers	548	582	58	58	493	524	537	555	121
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	646	691	194	201	460	490	476	485	157
Pickup balers	675	696	143	143	533	553	633	645	157
Field forage harvesters, shear bar or flywheel type	411	485	97	105	334	380	339	402	128

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	559	203	(X)	456	(X)	457	327
Workers	2 574	(X)	683	(X)	1 891	2 270	2 514
Farms with—							
1 worker	174	113	113	161	161	131	116
2 workers	121	33	66	92	184	107	56
3 or 4 workers	136	33	108	107	368	103	60
5 to 9 workers	109	18	102	80	536	101	59
10 workers or more	19	6	294	16	642	15	36

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	939	(X)	1 019	(X)	632	(X)	678	(X)
Any cattle, hogs, or sheep	783	(X)	930	(X)	570	(X)	639	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	812	21 476	912	17 305	610	21 254	652	17 100
Any cattle, hogs, or sheep ($1,000)	721	8 873	842	(NA)	561	(D)	624	6 168
CATTLE AND CALVES								
Inventory:								
Cattle and calves	709	33 427	885	42 536	529	31 764	615	39 311
Cows and heifers that had calved	532	12 993	664	16 234	407	12 358	473	14 671
Beef cows	283	2 428	348	3 710	173	1 859	185	2 301
Milk cows	287	10 565	388	12 524	262	10 499	326	12 370
Heifers and heifer calves	520	9 806	(NA)	(NA)	413	9 398	415	10 555
Steers, steer calves, bulls and bull calves	580	10 628	(NA)	(NA)	429	10 008	496	14 085
Sales:								
Cattle and calves	633	19 054	780	19 027	509	18 499	596	18 194
($1,000)	(X)	7 754	(X)	(NA)	(X)	7 614	(X)	5 522
Calves	320	4 787	(NA)	(NA)	272	4 538	315	4 685
($1,000)	(X)	428	(X)	(NA)	(X)	397	(X)	278
Cattle	570	14 267	(NA)	(NA)	470	13 961	553	13 509
($1,000)	(X)	7 326	(X)	(NA)	(X)	7 217	(X)	5 244
Fattened cattle	266	9 989	(NA)	(NA)	219	9 839	181	6 493
($1,000)	(X)	5 327	(X)	(NA)	(X)	5 272	(X)	2 803
Dairy products ($1,000)	235	11 880	(NA)	(NA)	233	(D)	285	10 389
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	200	10 061	164	7 560	131	9 316	94	7 095
Used or to be used for breeding	137	1 736	(NA)	(NA)	91	1 444	53	808
Other hogs and pigs	177	8 325	(NA)	(NA)	120	7 872	91	6 287
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	142	1 742	87	1 214	93	1 602	63	1 153
Dec. 1 of preceding year and May 31	110	937	73	653	77	876	55	620
June 1 and Nov. 30	115	805	61	561	79	726	45	533
Sheep and lambs	49	1 504	82	2 272	30	1 177	41	1 379
Ewes 1 year old or older	42	1 054	(NA)	(NA)	25	847	36	764
Goats	20	165	(NA)	(NA)	7	72	5	38
Horses and ponies	303	1 674	320	1 577	165	981	162	1 095
Sales:								
Hogs and pigs	172	13 075	126	8 701	128	12 529	93	8 428
($1,000)	(X)	1 065	(X)	(NA)	(X)	1 034	(X)	626
Feeder pigs	62	3 510	34	1 128	52	3 251	25	1 032
($1,000)	(X)	126	(X)	(NA)	(X)	118	(X)	33
Sheep and lambs	45	1 049	62	1 364	30	835	30	818
Sheep and lambs shorn	44	1 311	(NA)	(NA)	28	1 023	27	957
Pounds of wool	(X)	11 951	(X)	(NA)	(X)	9 090	(X)	8 182
Sheep, lambs, and wool ($1,000)	49	54	(NA)	(NA)	32	(D)	31	20
Goats	11	54	(NA)	(NA)	8	41	4	19
($1,000)	(X)	3	(X)	(NA)	(X)	2	(X)	1
Horses and ponies	86	352	69	218	59	295	42	168
($1,000)	(X)	518	(X)	(NA)	(X)	491	(X)	188
POULTRY								
Inventory:								
Any poultry	205	(X)	217	(X)	118	(X)	111	(X)
Chickens 3 months old or older	174	16 034	202	22 001	100	13 721	103	18 850
Hens and pullets of laying age	169	14 457	196	20 139	95	12 655	100	17 336
Pullets 3 months old or older	40	1 577	(NA)	(NA)	21	1 066	4	52
Pullet chicks and pullets under 3 months old	10	209	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	51	2 440	35	2 920	29	1 892	18	1 963
Turkeys	26	229	(NA)	(NA)	15	140	3	10
Turkeys for slaughter	21	184	(NA)	(NA)	13	118	2	(D)
Turkey hens kept for breeding	12	45	(NA)	(NA)	5	22	3	(D)
Other poultry	66	(X)	(NA)	(X)	36	(X)	11	(X)
Sales:								
Any poultry	47	(X)	49	(X)	32	(X)	30	(X)
Chickens 3 months old or older	16	12 610	30	(D)	8	(D)	15	(D)
Hens and pullets of laying age	15	(D)	23	(D)	8	(D)	12	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	12	978	21	2 424	10	(D)	14	2 107
Turkeys	8	535	(NA)	(NA)	6	(D)	1	(D)
Turkeys for slaughter	8	535	(NA)	(NA)	6	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	12	(X)	(NA)	(X)	8	(X)	7	(X)
Poultry and poultry products ($1,000)	69	138	71	207	42	133	39	201

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	802	66 859	(X)	2	(D)	653	64 796	(X)	2	(D)
	1974	887	55 877	(X)	(NA)	(NA)	684	54 038	(X)	2	(D)
For grain or seed (bushels)	1978	732	50 427	3 216 879	2	(D)	599	48 688	3 138 433	2	(D)
	1974	800	38 030	2 255 297	(NA)	(NA)	627	36 612	2 196 983	1	(D)
For silage or green chop (tons, green)	1978	320	16 432	149 843	1	(D)	292	16 108	148 044	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	352	17 134	179 580	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	292	(X)	–	–
Sorghums for all purposes	1978	21	253	(X)	–	–	21	253	(X)	–	–
	1974	13	235	(X)	(NA)	(NA)	11	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	21	253	1 459	–	–	21	253	1 459	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	215	2 760	–	–
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	253	6 754	283 033	–	–	221	6 472	274 029	–	–
	1974	688	16 832	670 772	(NA)	(NA)	535	15 280	616 939	1	(D)
Oats for grain (bushels)	1978	463	10 318	630 955	–	–	376	9 426	588 623	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	380	7 495	418 735	–	–
Barley for grain (bushels)	1978	15	520	27 973	–	–	15	520	27 973	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	119	4 798	–	–
Rye for grain (bushels)	1978	6	76	1 875	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	175	4 936	–	–
Other small grains for grain	1978	4	60	(X)	–	–	4	60	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	287	(X)	–	–
Soybeans for beans (bushels)	1978	96	3 804	74 507	–	–	84	3 600	71 900	–	–
	1974	46	1 391	17 504	(NA)	(NA)	41	1 358	17 107	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	13	587	116 050	1	(D)	11	(D)	(D)	1	(D)
	1974	22	740	149 465	(NA)	(NA)	14	732	148 314	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	934	46 576	104 237	2	(D)	647	40 676	95 939	1	(D)
	1974	966	41 650	93 271	(NA)	(NA)	637	36 102	84 118	1	(D)
Alfalfa hay (tons, dry)	1978	849	34 142	81 675	2	(D)	607	29 428	74 659	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	566	26 123	64 942	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	118	2 696	5 487	–	–	74	1 990	4 573	–	–
Field seed crops	1978	20	251	(X)	–	–	13	195	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	182	(X)	–	–
Alfalfa seed (pounds)	1978	7	76	5 545	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	26	1 320	–	–
Red clover seed (pounds)	1978	13	150	17 154	–	–	8	106	11 730	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	141	22 826	–	–
All vegetables harvested for sale (see text)	1978	62	3 074	(X)	18	1 492	53	3 057	(X)	17	(D)
	1974	64	2 105	(X)	(NA)	(NA)	45	2 056	(X)	14	825
Sweet corn	1978	27	396	(X)	2	(D)	21	388	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	163	(X)	3	62
Tomatoes	1978	12	7	(X)	1	(D)	8	6	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	5	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	52	934	(X)	6	52	24	859	(X)	4	(D)
	1974	49	652	(X)	(NA)	(NA)	16	551	(X)	–	–
Apples (pounds)	1978	48	807	6 512 466	(NA)	(NA)	23	761	6 476 520	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	500	7 704 400	(NA)	(NA)
Peaches (pounds)	1978	18	29	1 720	(NA)	(NA)	7	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	16	3	302	(NA)	(NA)	7	1	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	–	(NA)	(NA)
Berries	1978	20	135	(X)	6	28	11	128	(X)	5	(D)
	1974	11	121	(X)	(NA)	(NA)	8	116	(X)	2	(D)
Strawberries (pounds)	1978	14	40	162 142	5	(D)	9	38	159 892	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	14	116 558	2	(D)
Nursery and greenhouse products	1978	22	797	(X)	13	595	15	745	(X)	11	(D)
Other crops	1978	67	7 098	(X)	(NA)	(NA)	63	7 040	(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	420	72 351	441	70 373	338	63 917	329	58 730
Average size of farm	(X)	172	(X)	160	(X)	189	(X)	179
Approximate land area	(X)	220 800	(X)	220 800	(X)	220 800	(X)	220 800
Proportion in farms, percent	(X)	32.8	(X)	31.9	(X)	28.9	(X)	26.6
Value of land and buildings:[1]								
Average per farm, dollars	169 627	(X)	89 435	(X)	194 388	(X)	106 878	(X)
Average per acre, dollars	(X)	1 010	(X)	560	(X)	1 038	(X)	599
Land in farms according to use:								
Total cropland	418	40 750	434	39 533	336	37 529	322	34 795
Harvested cropland	410	28 639	430	26 788	330	27 027	321	24 543
By acres harvested:								
1 to 9 acres	56	251	51	(NA)	30	146	21	(NA)
10 to 19 acres	56	768	48	(NA)	37	509	25	(NA)
20 to 29 acres	44	1 013	57	(NA)	28	652	35	(NA)
30 to 49 acres	70	2 670	110	(NA)	58	2 196	78	(NA)
50 to 99 acres	103	6 966	93	(NA)	96	6 553	91	(NA)
100 to 199 acres	53	7 052	51	(NA)	53	7 052	51	(NA)
200 to 499 acres	26	(D)	16	(NA)	26	(D)	16	(NA)
500 to 999 acres	2	(D)	4	(NA)	2	(D)	4	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	82	3 788	145	5 510	58	3 309	94	3 857
Other cropland	236	8 323	204	7 235	191	7 193	168	6 395
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	79	1 784	(NA)	(NA)	61	1 435	71	1 763
Cropland on which all crops failed	16	194	(NA)	(NA)	11	152	3	11
Cropland in cultivated summer fallow	33	441	(NA)	(NA)	28	411	26	465
Cropland idle	180	5 904	(NA)	(NA)	148	5 195	108	4 156
Total woodland	331	19 362	349	19 233	266	16 570	260	15 260
Woodland pastured	44	3 033	(NA)	(NA)	35	2 795	44	1 786
Woodland not pastured	310	16 329	(NA)	(NA)	248	13 775	229	13 474
Other land	349	12 239	367	11 607	279	9 818	267	8 675
Pastureland and rangeland, other than cropland and woodland pastured	76	2 807	(NA)	(NA)	48	1 920	54	2 522
Land in house lots, ponds, roads, wasteland, etc	337	9 432	(NA)	(NA)	273	7 898	257	6 153
Pastureland, all types	149	9 628	(NA)	(NA)	106	8 024	(NA)	8 165
Irrigated land	79	2 492	29	616	73	2 454	26	609
Harvested cropland irrigated	78	2 474	(NA)	(NA)	72	2 436	26	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	3	18	(NA)	(NA)	3	18	2	(D)
Land set aside in the federal farm programs in 1978	37	353	(X)	(X)	34	318	(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]	420	22 540	441	12 877	338	22 471	329	12 758
Average per farm, dollars	(X)	53 667	(X)	29 200	(X)	66 484	(X)	38 778
Farms by value of agricultural products sold:[1]								
$100,000 or more	59	13 558	23	(NA)	59	13 558	23	(NA)
$40,000 to $99,999	92	5 807	74	(NA)	92	5 807	74	(NA)
$20,000 to $39,999	66	1 996	77	(NA)	66	1 996	77	(NA)
$10,000 to $19,999	47	700	58	(NA)	47	700	58	(NA)
$5,000 to $9,999	40	291	70	(NA)	40	291	70	(NA)
$2,500 to $4,999	34	119	23	(NA)	34	119	23	(NA)
Less than $2,500 (see text)	81	(D)	116	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	6	14	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	17	30	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	14	18	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	44	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	346	18 779	382	10 233	306	18 738	(NA)	10 164
Grains	48	147	(NA)	(NA)	42	144	72	196
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	78	172	(NA)	(NA)	58	153	83	251
Vegetables, sweet corn, and melons	16	79	(NA)	(NA)	15	(D)	20	110
Fruits, nuts, and berries	277	18 270	(NA)	(NA)	258	18 252	253	9 554
Nursery and greenhouse products	6	14	6	19	5	(D)	3	17
Other crops	6	98	(NA)	(NA)	6	98	8	35
Livestock, poultry, and their products	139	3 761	199	2 604	113	3 733	134	2 555
Poultry and poultry products	20	(D)	29	316	15	(D)	23	314
Dairy products	31	1 040	(NA)	(NA)	31	1 040	28	605
Cattle and calves	106	2 254	(NA)	(NA)	88	2 230	108	1 482
Hogs and pigs	23	210	(NA)	(NA)	22	(D)	25	99
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	27	76	(NA)	(NA)	21	73	12	55

[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	420	441	72 351	410	70 751	28 639	79	18 181	7 973	2 492
Farms with—										
1 to 9 acres	5	11	26	4	21	11	1	(D)	(D)	(D)
10 to 49 acres	67	49	1 903	64	1 848	856	10	274	83	69
50 to 69 acres	34	31	2 012	32	1 910	675	3	161	55	22
70 to 99 acres	59	75	4 883	59	4 883	1 806	12	935	382	179
100 to 139 acres	62	85	7 177	62	7 177	3 079	13	1 619	880	222
140 to 179 acres	71	67	11 238	70	11 073	3 632	12	1 891	666	244
180 to 219 acres	33	41	6 486	33	6 486	2 646	7	1 345	489	216
220 to 259 acres	21	20	5 043	20	4 790	1 679	2	(D)	(D)	(D)
260 to 499 acres	44	48	14 977	44	14 977	6 941	7	2 447	1 158	417
500 to 999 acres	20	13	12 329	18	11 309	4 903	10	5 707	2 656	657
1,000 to 1,999 acres	3	1	(D)	3	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	420	72 351	441	70 373	338	63 917	329	58 730
Harvested cropland	410	28 639	430	26 788	330	27 027	321	24 543
Tenure of operator:								
Full owners	315	43 374	357	47 902	245	36 238	253	37 107
Harvested cropland	308	15 171	(NA)	16 123	240	13 924	(NA)	14 079
Part owners	86	26 561	76	21 553	76	(D)	68	20 705
Harvested cropland	85	12 613	(NA)	10 341	75	(D)	(NA)	10 140
Tenants	19	2 416	8	918	17	(D)	8	918
Harvested cropland	17	855	(NA)	324	15	(D)	(NA)	324
Type of organization:								
Individual or family	362	55 445	(NA)	(NA)	282	47 083	294	48 126
Partnership	46	11 613	(NA)	(NA)	45	(D)	27	7 765
Corporation	11	(D)	(NA)	(NA)	11	(D)	7	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	237	260	210	216
Other	183	173	128	105
Operators by age group:				
Under 25 years	7	1	7	1
25 to 34 years	43	43	32	30
35 to 44 years	78	69	61	58
45 to 54 years	119	118	97	98
55 to 64 years	102	112	83	80
65 years and over	71	90	58	54
Average age	51.2	53.2	51.3	51.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	315	323	256	240
Not on farm operated	79	53	64	45
Not reported	26	57	18	36
Operators reporting days of work off farm:				
None	153	123	138	108
1 to 49 days	35	36	30	28
50 to 99 days	10	25	7	16
100 to 149 days	24	30	15	23
150 to 199 days	35	34	27	20
200 days or more	148	128	109	85

[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	81	919	110	857	59	913	78	844
Feed for livestock and poultry	150	751	161	595	117	738	111	579
Commercially mixed formula feeds	82	259	99	451	59	249	73	442
Animal health costs	99	39	(NA)	(NA)	86	38	67	22
Seeds, bulbs, plants, and trees	260	503	237	179	237	485	180	176
Commercial fertilizer	325	921	331	598	302	914	268	586
Other agricultural chemicals including lime	363	976	292	718	322	966	253	716
Hired farm labor	218	2 393	236	1 404	208	2 392	210	1 399
Contract labor	78	658	41	373	58	652	37	372
Customwork, machine hire, and rental of machinery and equipment	187	425	170	350	154	420	135	344
Energy and petroleum products	416	772	(NA)	(NA)	338	750	(NA)	(NA)
Petroleum products	416	618	433	398	338	604	324	377
Gasoline	395	323	(NA)	(NA)	322	312	319	271
Diesel fuel	250	209	(NA)	(NA)	243	208	171	59
LP gas, butane, and propane	23	4	(NA)	(NA)	12	4	20	7
Fuel oil	57	27	(NA)	(NA)	52	27		
Natural gas	10	3	(NA)	(NA)	10	3	324	40
Kerosene, motor oil, and grease	416	51	(NA)	(NA)	338	49		
Electricity	310	147	(NA)	(NA)	252	140	(NA)	(NA)
Other—coal, wood, coke, etc.	38	7	(NA)	(NA)	17	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	324	22 267	301	21 977	268	15 118
Cropland fertilized, except pasture	324	22 135	301	21 845	(NA)	14 981
Pasture and rangeland fertilized	7	132	7	132	(NA)	137
Lime	78	3 307	77	(D)	27	1 059
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	147	10 961	133	10 885	(NA)	6 545
Nematodes in crops	68	1 163	67	(D)	11	158
Diseases in crops and orchards	293	13 983	256	13 743	133	7 653
Weeds, grass, or brush in crops and pasture	167	11 237	163	11 198	(NA)	5 868
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	56	1 937	56	1 937	19	773
Insect control on livestock and poultry	63	(X)	53	(X)	13	(X)
Sanitation and rodent and bird control	52	(X)	46	(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	416	436	338	324
$1,000	15 201	9 296	14 168	8 313
Average per farm—dollars	36 540	21 321	41 918	25 657
Farms by value group:				
$1 to $4,999	32	54	19	25
$5,000 to $9,999	88	94	35	55
$10,000 to $19,999	64	117	58	80

	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	43	82	43	77
$30,000 to $49,999	99	44	99	42
$50,000 to $69,999	32	25	31	25
$70,000 to $99,999	19		19	
$100,000 to $199,999	34	20	29	20
$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	304	482	212	238	159	244	361	507	241
Motortrucks including pickups	318	530	149	194	232	336	358	556	185
Wheel tractors	396	1 107	174	319	359	788	411	966	189
Grain and bean combines, self-propelled only	15	16	1	(D)	14	(D)	12	12	2
Corn heads for combines	1	(D)	1	(D)	–	–	2	(D)	1
Other cornpickers and picker-shellers	52	57	13	13	39	44	45	45	8
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	105	114	50	53	61	61	79	82	25
Pickup balers	82	83	13	14	69	69	86	88	21
Field forage harvesters, shear bar or flywheel type	65	83	20	21	46	62	55	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	Farms	Workers	Farms	Workers	1978	1974
Farms	218	93	(X)	199	(X)	208	210
Workers	2 494	(X)	251	(X)	2 243	2 479	2 777
Farms with—							
1 worker	36	29	29	28	28	31	30
2 workers	22	37	74	21	42	17	12
3 or 4 workers	28	20	(D)	32	121	28	26
5 to 9 workers	60	2	(D)	49	313	60	48
10 workers or more	72	5	66	69	1 739	72	94

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	174	(X)	225	(X)	133	(X)	145	(X)
Any cattle, hogs, or sheep	131	(X)	181	(X)	101	(X)	119	(X)
Sales:								
Any livestock or poultry and their products $1,000	139	3 761	199	2 604	113	3 733	134	2 555
Any cattle, hogs, or sheep $1,000	113	(D)	163	(NA)	93	(D)	114	1 581
CATTLE AND CALVES								
Inventory:								
Cattle and calves	123	5 877	174	6 906	96	5 544	114	6 049
Cows and heifers that had calved	83	1 565	123	2 119	61	1 413	84	1 757
Beef cows	53	542	77	1 228	34	397	50	950
Milk cows	42	1 023	57	891	38	1 016	40	807
Heifers and heifer calves	84	1 327	(NA)	(NA)	69	1 255	64	919
Steers, steer calves, bulls and bull calves	99	2 985	(NA)	(NA)	78	2 876	95	3 373
Sales:								
Cattle and calves	106	4 903	154	4 132	88	4 790	108	3 913
$1,000	(X)	2 254	(X)	(NA)	(X)	2 230	(X)	1 482
Calves	57	724	(NA)	(NA)	48	665	38	341
$1,000	(X)	77	(X)	(NA)	(X)	70	(X)	42
Cattle	96	4 179	(NA)	(NA)	83	4 125	97	3 572
$1,000	(X)	2 178	(X)	(NA)	(X)	2 160	(X)	1 440
Fattened cattle	39	3 113	(NA)	(NA)	34	3 098	42	2 707
$1,000	(X)	1 777	(X)	(NA)	(X)	1 771	(X)	1 157
Dairy products $1,000	31	1 040	(NA)	(NA)	31	1 040	28	605
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	24	1 760	48	671	22	(D)	38	584
Used or to be used for breeding	11	235	(NA)	(NA)	11	235	19	206
Other hogs and pigs	23	1 525	(NA)	(NA)	21	(D)	34	378
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	12	350	25	163	12	350	19	156
Dec. 1 of preceding year and May 31	11	181	20	89	11	181	15	(D)
June 1 and Nov. 30	10	169	14	74	10	169	12	(D)
Sheep and lambs	4	27	2	(D)	1	(D)	–	–
Ewes 1 year old or older	3	13	(NA)	(NA)	–	–	–	–
Goats	5	44	(NA)	(NA)	2	(D)	1	(D)
Horses and ponies	39	127	45	144	24	84	28	88
Sales:								
Hogs and pigs	23	3 022	32	1 861	22	(D)	25	1 824
$1,000	(X)	210	(X)	(NA)	(X)	(D)	(X)	99
Feeder pigs	8	1 074	11	795	8	1 074	7	779
$1,000	(X)	42	(X)	(NA)	(X)	42	(X)	17
Sheep and lambs	3	7	2	(D)	–	–	–	–
Sheep and lambs shorn	3	22	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	98	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	3	(D)	(NA)	(NA)	–	–	–	–
Goats	3	14	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	6	25	2	(D)	5	(D)	2	(D)
$1,000	(X)	30	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	46	(X)	87	(X)	28	(X)	53	(X)
Chickens 3 months old or older	39	(D)	84	29 788	24	(D)	50	28 430
Hens and pullets of laying age	39	(D)	79	29 357	24	(D)	49	(D)
Pullets 3 months old or older	4	245	(NA)	(NA)	4	245	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	9	134	12	540	7	(D)	10	(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)	–	–	–	–
Other poultry	13	(X)	(NA)	(X)	6	(X)	5	(X)
Sales:								
Any poultry	12	(X)	16	(X)	11	(X)	15	(X)
Chickens 3 months old or older	8	(D)	13	(D)	8	(D)	12	(D)
Hens and pullets of laying age	8	(D)	11	(D)	8	(D)	10	(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)	1	(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)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	2	(X)
Poultry and poultry products $1,000	20	(D)	29	316	15	(D)	23	314

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	103	4 949	(X)	1	(D)	88	4 807	(X)	1	(D)
	1974	152	4 472	(X)	(NA)	(NA)	109	4 174	(X)	1	(D)
For grain or seed (bushels)	1978	86	2 947	191 305	1	(D)	72	2 842	186 153	1	(D)
	1974	120	2 274	163 571	(NA)	(NA)	87	(D)	152 576	1	(D)
For silage or green chop (tons, green)	1978	66	2 002	21 110	–	–	61	1 965	20 934	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	2 099	22 350	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	19	245	4 076	–	–	19	245	4 076	–	–
	1974	40	438	16 363	(NA)	(NA)	31	387	14 879	1	(D)
Oats for grain (bushels)	1978	59	739	28 108	–	–	49	659	25 239	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	57	622	34 699	1	(D)
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Rye for grain (bushels)	1978	7	149	4 370	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	214	7 122	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	6	120	24 115	1	(D)	6	120	24 115	1	(D)
	1974	7	55	7 980	(NA)	(NA)	5	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	181	7 805	14 053	1	(D)	129	6 676	12 512	–	–
	1974	222	8 175	16 021	(NA)	(NA)	146	6 680	13 973	1	(D)
Alfalfa hay (tons, dry)	1978	165	6 140	11 668	1	(D)	118	5 267	10 473	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	133	5 174	11 574	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	14	396	462	–	–	9	271	248	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(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	16	176	(X)	5	39	15	(D)	(X)	5	39
	1974	23	212	(X)	(NA)	(NA)	20	208	(X)	8	54
Sweet corn	1978	5	24	(X)	2	(D)	4	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	81	(X)	5	20
Tomatoes	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	7	(X)	5	4
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Land in orchards	1978	292	14 628	(X)	62	2 228	254	14 336	(X)	56	2 197
	1974	279	12 458	(X)	(NA)	(NA)	257	12 341	(X)	6	267
Apples (pounds)	1978	52	1 126	7 038 456	(NA)	(NA)	44	1 115	6 995 771	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 429	7 357 071	(NA)	(NA)
Peaches (pounds)	1978	37	206	1 498 369	(NA)	(NA)	31	201	1 493 249	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	176	634 938	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	66	52 212	(NA)	(NA)	4	58	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	19	212	(X)	19	185	18	(D)	(X)	18	(D)
	1974	29	166	(X)	(NA)	(NA)	24	161	(X)	18	134
Strawberries (pounds)	1978	19	211	1 578 877	19	184	18	(D)	(D)	18	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	158	788 552	18	134
Nursery and greenhouse products	1978	6	4	(X)	3	3	5	(D)	(X)	2	(D)
Other crops	1978	3	3	(X)	(NA)	(NA)	1	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	1 840	373 727	2 056	373 081	1 548	362 597	1 714	354 145
Average size of farm	(X)	203	(X)	181	(X)	234	(X)	207
Approximate land area	(X)	481 920	(X)	481 920	(X)	481 920	(X)	481 920
Proportion in farms — percent	(X)	77.5	(X)	77.4	(X)	75.2	(X)	73.5
Value of land and buildings:[1]								
Average per farm — dollars	266 652	(X)	125 083	(X)	307 104	(X)	142 935	(X)
Average per acre — dollars	(X)	1 318	(X)	689	(X)	1 315	(X)	692
Land in farms according to use:								
Total cropland	1 787	324 870	2 020	312 992	1 512	318 235	1 693	301 970
Harvested cropland	1 749	296 952	1 977	284 265	1 494	292 618	1 682	278 667
By acres harvested:								
1 to 9 acres	105	570	73	(NA)	34	149	14	(NA)
10 to 19 acres	151	2 124	174	(NA)	56	809	48	(NA)
20 to 29 acres	128	3 015	134	(NA)	77	1 825	77	(NA)
30 to 49 acres	211	8 054	283	(NA)	176	6 825	241	(NA)
50 to 99 acres	391	28 179	512	(NA)	388	28 000	501	(NA)
100 to 199 acres	316	44 864	376	(NA)	316	44 864	376	(NA)
200 to 499 acres	304	95 067	324	(NA)	304	95 067	324	(NA)
500 to 999 acres	117	77 438	86	(NA)	117	77 438	86	(NA)
1,000 acres or more	26	37 641	15	(NA)	26	37 641	15	(NA)
Cropland used only for pasture	296	7 721	469	11 926	231	7 017	363	9 530
Other cropland	694	20 197	582	16 801	608	18 600	467	13 773
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	138	2 516	(NA)	(NA)	118	2 316	139	3 182
Cropland on which all crops failed	71	1 331	(NA)	(NA)	51	932	85	042
Cropland in cultivated summer fallow	172	4 314	(NA)	(NA)	158	4 145	112	486
Cropland idle	437	12 036	(NA)	(NA)	387	11 207	232	063
Total woodland	798	24 140	956	29 649	688	22 024	833	26 652
Woodland pastured	123	3 435	(NA)	(NA)	108	3 289	168	4 453
Woodland not pastured	700	20 705	(NA)	(NA)	603	18 735	720	22 209
Other land	1 357	24 717	1 584	30 440	1 127	22 338	1 321	25 513
Pastureland and rangeland, other than cropland and woodland pastured	156	3 639	(NA)	(NA)	126	3 313	157	3 852
Land in house lots, ponds, roads, wasteland, etc	1 330	21 078	(NA)	(NA)	1 104	19 025	1 295	21 661
Pastureland, all types	478	14 795	(NA)	(NA)	380	13 619	(NA)	17 835
Irrigated land	34	3 174	11	205	28	3 163	10	(D)
Harvested cropland irrigated	34	3 174	(NA)	(NA)	28	3 163	10	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	473	12 383	(X)	(X)	446	12 214	(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]	1 840	73 237	2 056	56 524	1 548	72 856	1 714	56 078
Average per farm — dollars	(X)	39 803	(X)	27 492	(X)	47 064	(X)	32 718
Farms by value of agricultural products sold:[1]								
$100,000 or more	179	40 766	122	(NA)	179	40 766	122	(NA)
$40,000 to $99,999	276	17 486	248	(NA)	276	17 486	248	(NA)
$20,000 to $39,999	246	7 042	308	(NA)	246	7 042	308	(NA)
$10,000 to $19,999	328	4 657	339	(NA)	328	4 657	339	(NA)
$5,000 to $9,999	288	2 068	433	(NA)	288	2 068	433	(NA)
$2,500 to $4,999	231	837	229	(NA)	231	837	229	(NA)
Less than $2,500 (see text)	292	382	377	(NA)	(X)	(X)	35	(NA)
$2,000 to $2,499	76	167	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	60	103	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	56	69	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	100	44	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 643	45 381	1 909	35 610	1 426	45 109	(NA)	35 258
Grains	1 536	40 532	(NA)	(NA)	1 368	40 319	1 603	32 323
Commodity Credit Corporation loans	170	3 211	(NA)	(NA)	163	3 206	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	291	1 151	(NA)	(NA)	243	1 108	317	821
Vegetables, sweet corn, and melons	57	1 630	(NA)	(NA)	49	1 625	46	834
Fruits, nuts, and berries	39	498	(NA)	(NA)	31	495	25	441
Nursery and greenhouse products	17	217	13	140	11	(D)	10	139
Other crops	30	1 354	(NA)	(NA)	28	(D)	23	701
Livestock, poultry, and their products	746	27 856	833	20 902	650	27 747	711	20 810
Poultry and poultry products	78	701	89	1 867	56	697	71	1 863
Dairy products	128	9 678	(NA)	(NA)	123	9 674	155	6 739
Cattle and calves	454	10 492	(NA)	(NA)	400	10 431	476	7 780
Hogs and pigs	293	6 517	(NA)	(NA)	272	6 497	248	3 954
Sheep, lambs, and wool	82	221	(NA)	(NA)	71	213	72	200
Other livestock and livestock products (see text)	61	247	(NA)	(NA)	43	235	31	273

[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	1 840	2 056	373 727	1 749	370 987	296 952	34	15 463	13 718	3 174
Farms with—										
1 to 9 acres	76	60	288	38	194	144	8	30	13	13
10 to 49 acres	401	360	11 877	363	10 833	7 332	7	243	147	81
50 to 69 acres	152	166	8 848	149	8 646	6 321	1	(D)	(D)	(D)
70 to 99 acres	221	333	18 198	216	17 778	12 863	1	(D)	(D)	(D)
100 to 139 acres	219	296	25 433	216	25 077	17 773	2	(D)	(D)	(D)
140 to 179 acres	153	172	24 147	150	23 707	17 410	1	(D)	(D)	(D)
180 to 219 acres	121	158	23 876	120	23 692	18 112	2	(D)	(D)	(D)
220 to 259 acres	72	93	16 989	72	16 989	13 294	1	(D)	(D)	(D)
260 to 499 acres	238	268	84 421	238	84 421	70 005	1	(D)	(D)	(D)
500 to 999 acres	147	128	98 805	147	98 805	84 509	4	2 806	2 585	443
1,000 to 1,999 acres	32	21	41 611	32	41 611	33 732	3	3 887	3 309	1 155
2,000 acres or more	8	1	19 234	8	19 234	15 457	3	6 989	6 438	1 045

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	1 840	373 727	2 056	373 081	1 548	362 597	1 714	354 145
Harvested cropland	1 749	296 952	1 977	284 265	1 494	292 618	1 682	278 667
Tenure of operator:								
Full owners	958	90 342	1 249	128 641	721	81 303	954	113 045
Harvested cropland	875	61 343	(NA)	83 372	675	58 028	(NA)	78 800
Part owners	670	251 432	625	214 015	639	250 113	598	212 627
Harvested cropland	668	208 497	(NA)	176 899	637	207 884	(NA)	176 517
Tenants	212	31 953	182	30 425	188	31 181	162	28 473
Harvested cropland	206	27 112	(NA)	23 994	182	26 706	(NA)	23 350
Type of organization:								
Individual or family	1 630	289 632	(NA)	(NA)	1 356	279 251	1 556	292 097
Partnership	192	64 524	(NA)	(NA)	176	63 837	154	57 663
Corporation	15	19 391	(NA)	(NA)	14	(D)	3	(D)
Other—cooperative, estate or trust, institutional, etc.	3	180	(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	888	1 090	841	1 013
Other	952	962	707	697
Operators by age group:				
Under 25 years	81	66	71	50
25 to 34 years	290	271	240	228
35 to 44 years	374	382	301	308
45 to 54 years	439	508	370	430
55 to 64 years	434	553	384	479
65 years and over	222	272	182	215
Average age	48.0	49.9	48.1	50.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 464	1 527	1 233	1 300
Not on farm operated	252	257	208	193
Not reported	124	268	107	217
Operators reporting days of work off farm:				
None	584	560	538	508
1 to 49 days	138	123	126	103
50 to 99 days	46	39	43	36
100 to 149 days	66	75	64	61
150 to 199 days	82	99	69	85
200 days or more	863	864	654	640

[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	511	8 263	595	5 387	461	8 224	465	5 345
Feed for livestock and poultry	674	4 343	822	4 431	582	4 274	640	4 372
Commercially mixed formula feeds	283	1 885	639	3 209	259	1 867	532	3 186
Animal health costs	584	394	(NA)	(NA)	543	385	456	217
Seeds, bulbs, plants, and trees	1 521	3 426	1 652	2 102	1 370	3 397	1 471	2 077
Commercial fertilizer	1 551	8 358	1 682	6 142	1 412	8 312	1 482	6 074
Other agricultural chemicals including lime	1 444	2 914	1 175	1 555	1 310	2 893	1 088	1 545
Hired farm labor	543	2 532	493	1 510	491	2 476	442	1 500
Contract labor	68	585	50	150	58	575	48	(D)
Customwork, machine hire, and rental of machinery and equipment	786	856	936	724	638	813	819	705
Energy and petroleum products	1 840	4 299	(NA)	(NA)	1 553	4 217	(NA)	(NA)
Petroleum products	1 840	3 547	1 996	2 441	1 553	3 479	1 674	2 368
Gasoline	1 689	1 576	(NA)	(NA)	1 448	1 529	1 644	1 501
Diesel fuel	1 098	1 304	(NA)	(NA)	1 008	1 294	771	539
LP gas, butane, and propane	307	376	(NA)	(NA)	292	375	202	145
Fuel oil	93	54	(NA)	(NA)	88	53	1 673	183
Natural gas	28	9	(NA)	(NA)	28	9		
Kerosene, motor oil, and grease	1 840	228	(NA)	(NA)	1 553	219		
Electricity	1 175	738	(NA)	(NA)	1 087	724	(NA)	(NA)
Other—coal, wood, coke, etc.	51	14	(NA)	(NA)	51	14	(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	1 520	254 593	1 390	252 430	1 482	213 835
Cropland fertilized, except pasture	1 516	253 684	1 386	251 521	(NA)	213 430
Pasture and rangeland fertilized	27	909	27	909	(NA)	405
Lime	151	8 070	145	7 974	121	7 620
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	581	71 831	545	71 385	(NA)	43 294
Nematodes in crops	75	10 751	75	10 751	6	917
Diseases in crops and orchards	113	12 509	109	12 505	29	2 080
Weeds, grass, or brush in crops and pasture	1 125	193 388	1 025	192 020	(NA)	141 373
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	35	975	35	975	11	418
Insect control on livestock and poultry	295	(X)	285	(X)	62	(X)
Sanitation and rodent and bird control	259	(X)	249	(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	1 840	1 981	1 553	1 649
Estimated market value of all machinery and equipment—$1,000	70 522	46 585	67 918	44 120
Average per farm—dollars	38 327	23 516	43 733	26 756
Farms by value group:				
$1 to $4,999	177	296	111	175
$5,000 to $9,999	414	411	248	274
$10,000 to $19,999	369	440	341	380
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	170	316	157	302
$30,000 to $49,999	261	284	247	284
$50,000 to $69,999	136	115	136	115
$70,000 to $99,999	120	119	120	119
$100,000 to $199,999	146		146	
$200,000 or more	47		47	

	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	1 302	1 793	905	1 077	570	716	1 713	2 312	1 462
Motortrucks including pickups	1 592	2 664	926	1 127	1 064	1 537	1 677	2 600	1 069
Wheel tractors	1 652	4 240	552	818	1 506	3 422	1 867	4 517	810
Grain and bean combines, self-propelled only	844	885	278	283	578	602	767	806	267
Corn heads for combines	636	664	224	234	417	430	527	557	214
Other corn pickers and picker-shellers	535	569	70	72	465	497	651	675	111
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	367	416	123	124	246	292	317	324	100
Pickup balers	515	521	102	105	414	416	611	614	98
Field forage harvesters, shear bar or flywheel type	167	181	49	52	127	129	268	284	70

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

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	543	159	(X)	489	(X)	491	442
Workers	1 848	(X)	315	(X)	1 533	1 762	1 882
Farms with—							
1 worker	187	76	76	177	177	152	197
2 workers	89	34	68	92	184	81	68
3 or 4 workers	171	44	139	146	466	166	85
5 to 9 workers	60	5	32	53	351	56	49
10 workers or more	36	–	–	21	355	36	43

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	852	(X)	902	(X)	703	(X)	749	(X)
Any cattle, hogs, or sheep	726	(X)	795	(X)	621	(X)	673	(X)
Sales:								
Any livestock or poultry and their products $1,000	746	27 856	833	20 902	650	27 747	711	20 810
Any cattle, hogs, or sheep $1,000	683	17 230	763	(NA)	609	17 141	669	11 934
CATTLE AND CALVES								
Inventory:								
Cattle and calves	509	30 641	612	32 933	426	30 072	511	32 096
Cows and heifers that had calved	273	9 649	329	10 280	230	9 473	287	10 038
Beef cows	139	1 638	157	2 089	103	1 484	125	1 882
Milk cows	147	8 011	193	8 191	136	7 989	177	8 156
Heifers and heifer calves	294	8 415	(NA)	(NA)	252	8 298	273	7 905
Steers, steer calves, bulls and bull calves	438	12 577	(NA)	(NA)	368	12 301	410	14 153
Sales:								
Cattle and calves	454	22 753	530	22 429	400	22 480	476	22 203
$1,000	(X)	10 492	(X)	(NA)	(X)	10 431	(X)	7 780
Calves	172	3 083	(NA)	(NA)	158	2 941	179	3 395
$1,000	(X)	358	(X)	(NA)	(X)	349	(X)	297
Cattle	415	19 670	(NA)	(NA)	370	19 539	427	18 808
$1,000	(X)	10 135	(X)	(NA)	(X)	10 082	(X)	7 483
Fattened cattle	259	14 187	(NA)	(NA)	232	14 109	219	14 175
$1,000	(X)	7 422	(X)	(NA)	(X)	7 386	(X)	6 022
Dairy products $1,000	128	9 678	(NA)	(NA)	123	9 674	155	6 739
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	299	44 718	252	31 183	266	44 359	224	30 725
Used or to be used for breeding	190	4 750	(NA)	(NA)	169	4 635	144	4 167
Other hogs and pigs	273	39 968	(NA)	(NA)	245	39 724	215	26 558
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	197	6 021	180	6 030	174	5 953	165	5 958
Dec. 1 of preceding year and May 31	164	2 886	162	3 365	151	2 860	147	3 321
June 1 and Nov. 30	172	3 135	142	2 665	155	3 093	131	2 637
Sheep and lambs	85	4 255	104	7 760	72	4 014	78	6 914
Ewes 1 year old or older	76	2 760	(NA)	(NA)	67	2 616	68	3 343
Goats	15	272	(NA)	(NA)	11	261	8	232
Horses and ponies	207	1 094	195	761	151	612	140	564
Sales:								
Hogs and pigs	293	71 775	278	63 766	272	71 469	248	63 036
$1,000	(X)	6 517	(X)	(NA)	(X)	6 497	(X)	3 954
Feeder pigs	83	13 543	73	13 945	70	13 346	59	13 629
$1,000	(X)	580	(X)	(NA)	(X)	572	(X)	256
Sheep and lambs	72	4 112	94	5 068	65	3 949	71	4 517
Sheep and lambs shorn	74	4 555	(NA)	(NA)	66	4 394	67	4 897
Pounds of wool	(X)	37 279	(X)	(NA)	(X)	35 900	(X)	40 977
Sheep, lambs, and wool $1,000	82	221	(NA)	(NA)	71	213	72	200
Goats	4	37	(NA)	(NA)	3	(D)	3	20
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	1
Horses and ponies	48	115	25	85	35	93	18	47
$1,000	(X)	114	(X)	(NA)	(X)	103	(X)	169
POULTRY								
Inventory:								
Any poultry	146	(X)	188	(X)	102	(X)	139	(X)
Chickens 3 months old or older	124	68 346	163	204 207	85	66 890	124	202 599
Hens and pullets of laying age	119	67 597	149	189 408	82	66 446	115	188 151
Pullets 3 months old or older	19	749	(NA)	(NA)	10	444	9	14 170
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	–	–	2	(D)
Broilers and other meat-type chickens	39	4 061	34	1 700	30	3 675	18	1 338
Turkeys	13	14 047	(NA)	(NA)	9	14 030	7	86
Turkeys for slaughter	12	(D)	(NA)	(NA)	8	(D)	7	77
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	3	(D)	3	9
Other poultry	44	(X)	(NA)	(X)	27	(X)	12	(X)
Sales:								
Any poultry	60	(X)	66	(X)	41	(X)	56	(X)
Chickens 3 months old or older	28	120 707	55	228 810	22	120 265	46	228 107
Hens and pullets of laying age	24	(D)	48	(D)	19	(D)	43	(D)
Pullets 3 months old or older	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	13	7 808	14	9 150	10	(D)	11	8 700
Turkeys	4	(D)	(NA)	(NA)	4	(D)	–	–
Turkeys for slaughter	4	(D)	(NA)	(NA)	4	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	12	(X)	(NA)	(X)	9	(X)	3	(X)
Poultry and poultry products $1,000	78	701	89	1 867	56	697	71	1 863

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	1 296	129 193	(X)	13	2 509	1 184	127 797	(X)	13	2 509
	1974	1 494	114 460	(X)	(NA)	(NA)	1 338	112 592	(X)	–	–
For grain or seed (bushels)	1978	1 287	119 132	10 168 256	12	(D)	1 181	117 799	10 106 661	12	(D)
	1974	1 467	101 111	6 359 497	(NA)	(NA)	1 318	99 301	6 281 680	–	–
For silage or green chop (tons, green)	1978	172	10 061	138 594	1	(D)	165	9 998	138 118	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	237	13 120	142 900	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	171	(X)	–	–
Sorghums for all purposes	1978	3	47	(X)	–	–	3	47	(X)	–	–
	1974	7	111	(X)	(NA)	(NA)	5	(D)	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	83	672	–	–
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	790	25 175	1 124 609	–	–	763	24 933	1 117 093	–	–
	1974	1 376	45 253	2 057 286	(NA)	(NA)	1 271	44 109	2 017 367	–	–
Oats for grain (bushels)	1978	428	8 249	518 603	–	–	398	8 001	508 991	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	582	11 130	678 554	–	–
Barley for grain (bushels)	1978	7	52	1 770	–	–	7	52	1 770	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	232	13 025	–	–
Rye for grain (bushels)	1978	9	113	3 317	–	–	8	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	190	5 045	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	31	(X)	–	–
Soybeans for beans (bushels)	1978	1 200	110 619	2 993 936	4	145	1 108	109 235	2 970 760	4	145
	1974	1 330	92 251	2 000 400	(NA)	(NA)	1 248	91 173	1 984 875	–	–
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)	(D)	–	–
	1974	5	96	16 130	(NA)	(NA)	4	(D)	(D)	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	597	24 541	73 352	3	63	501	23 459	71 622	3	63
	1974	620	19 649	47 646	(NA)	(NA)	538	18 594	45 851	–	–
Alfalfa hay (tons, dry)	1978	534	17 776	60 306	3	(D)	448	16 886	58 722	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	437	12 604	34 809	–	–
Other tame dry hay (tons, dry) (see text)	1978	78	1 246	2 111	–	–	66	1 135	2 042	–	–
Field seed crops	1978	10	218	(X)	–	–	9	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	42	674	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	9	196	20 047	–	–	9	196	20 047	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	41	664	86 213	–	–
All vegetables harvested for sale (see text)	1978	57	1 339	(X)	14	330	49	1 321	(X)	12	(D)
	1974	58	1 208	(X)	(NA)	(NA)	47	1 165	(X)	6	157
Sweet corn	1978	18	71	(X)	5	(D)	12	60	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	185	(X)	5	126
Tomatoes	1978	31	775	(X)	5	(D)	26	773	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	37	605	(X)	4	4
Green peas excluding cowpeas	1978	2	(D)	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Land in orchards	1978	42	513	(X)	7	51	34	485	(X)	6	(D)
	1974	33	583	(X)	(NA)	(NA)	21	553	(X)	3	16
Apples (pounds)	1978	39	370	3 071 042	(NA)	(NA)	32	359	3 063 806	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	255	2 783 294	(NA)	(NA)
Peaches (pounds)	1978	18	65	175 114	(NA)	(NA)	12	64	174 604	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	120	859 800	(NA)	(NA)
Grapes (pounds) (see text)	1978	10	10	51 940	(NA)	(NA)	7	10	51 940	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	18	40	(X)	6	28	12	38	(X)	4	(D)
	1974	9	17	(X)	(NA)	(NA)	6	16	(X)	1	(D)
Strawberries (pounds)	1978	14	35	78 819	5	28	10	33	73 905	4	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	15	27 325	1	(D)
Nursery and greenhouse products	1978	17	86	(X)	6	6	11	61	(X)	3	2
Other crops	1978	32	2 400	(X)	(NA)	(NA)	30	(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	792	136 212	790	140 645	547	122 893	523	122 365
Average size of farm	(X)	172	(X)	178	(X)	225	(X)	234
Approximate land area	(X)	366 080	(X)	366 080	(X)	366 080	(X)	366 080
Proportion in farms, percent	(X)	37.2	(X)	38.4	(X)	33.6	(X)	33.4
Value of land and buildings:[1]								
Average per farm, dollars	222 019	(X)	156 605	(X)	273 802	(X)	195 637	(X)
Average per acre, dollars	(X)	1 293	(X)	880	(X)	1 215	(X)	836
Land in farms according to use:								
Total cropland	763	102 352	772	99 736	532	94 370	511	89 010
Harvested cropland	722	79 681	746	76 999	510	75 746	500	71 372
By acres harvested:								
1 to 9 acres	76	374	64	(NA)	26	111	16	(NA)
10 to 19 acres	110	1 520	91	(NA)	31	443	20	(NA)
20 to 29 acres	81	1 857	103	(NA)	33	737	40	(NA)
30 to 49 acres	104	3 968	122	(NA)	77	2 987	77	(NA)
50 to 99 acres	134	9 582	150	(NA)	126	9 088	131	(NA)
100 to 199 acres	94	13 300	97	(NA)	94	13 300	97	(NA)
200 to 499 acres	98	30 075	99	(NA)	98	30 075	99	(NA)
500 to 999 acres	22	15 506	18	(NA)	22	15 506	18	(NA)
1,000 acres or more	3	3 499	2	(NA)	3	3 499	2	(NA)
Cropland used only for pasture	331	10 046	412	12 135	225	8 494	271	9 257
Other cropland	373	12 625	347	10 602	263	10 130	246	8 381
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	112	2 044	(NA)	(NA)	78	1 567	76	1 367
Cropland on which all crops failed	52	1 090	(NA)	(NA)	33	866	36	739
Cropland in cultivated summer fallow	111	3 019	(NA)	(NA)	85	2 672	100	2 491
Cropland idle	210	6 472	(NA)	(NA)	147	5 025	108	3 784
Total woodland	443	14 658	482	16 931	327	12 251	338	13 914
Woodland pastured	99	2 890	(NA)	(NA)	73	2 269	100	3 132
Woodland not pastured	385	11 768	(NA)	(NA)	290	9 982	286	10 782
Other land	658	19 202	678	23 978	451	16 272	461	19 441
Pastureland and rangeland, other than cropland and woodland pastured	149	5 664	(NA)	(NA)	110	5 182	134	6 286
Land in house lots, ponds, roads, wasteland, etc	634	13 538	(NA)	(NA)	434	11 090	443	13 155
Pastureland, all types	446	18 600	(NA)	(NA)	308	15 945	(NA)	18 675
Irrigated land	39	1 856	27	893	29	1 825	20	855
Harvested cropland irrigated	36	1 787	(NA)	(NA)	27	1 757	20	855
Pastureland irrigated	3	(D)	(NA)	(NA)	3	(D)	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	144	2 997	(X)	(X)	121	2 845	(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]	792	23 990	790	15 458	547	23 615	523	15 081
Average per farm, dollars	(X)	30 290	(X)	19 567	(X)	43 171	(X)	28 836
Farms by value of agricultural products sold:[1]								
$100,000 or more	52	13 346	30	(NA)	52	13 346	30	(NA)
$40,000 to $99,999	84	5 531	87	(NA)	84	5 531	87	(NA)
$20,000 to $39,999	69	1 965	66	(NA)	69	1 965	66	(NA)
$10,000 to $19,999	108	1 522	91	(NA)	108	1 522	91	(NA)
$5,000 to $9,999	118	844	119	(NA)	118	844	119	(NA)
$2,500 to $4,999	116	405	114	(NA)	116	405	114	(NA)
Less than $2,500 (see text)	244	(D)	282	(NA)	(X)	(X)	16	(NA)
$2,000 to $2,499	35	77	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	56	96	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	59	72	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	94	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	587	10 245	645	5 510	449	9 982	(NA)	5 248
Grains	409	3 812	(NA)	(NA)	344	3 739	365	2 911
Commodity Credit Corporation loans	30	124	(NA)	(NA)	28	(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	288	1 034	(NA)	(NA)	221	969	219	648
Vegetables, sweet corn, and melons	34	(D)	(NA)	(NA)	21	(D)	19	308
Fruits, nuts, and berries	32	452	(NA)	(NA)	19	(D)	11	(D)
Nursery and greenhouse products	34	800	33	1 375	25	694	25	1 299
Other crops	1	(D)	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	478	13 745	520	9 922	367	13 633	382	9 809
Poultry and poultry products	51	89	50	34	30	86	27	29
Dairy products	122	7 936	(NA)	(NA)	122	7 936	140	6 236
Cattle and calves	363	4 379	(NA)	(NA)	294	4 317	334	3 011
Hogs and pigs	101	905	(NA)	(NA)	83	894	61	296
Sheep, lambs, and wool	57	127	(NA)	(NA)	38	112	36	109
Other livestock and livestock products (see text)	80	309	(NA)	(NA)	52	289	40	128

[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	792	790	136 212	722	133 516	79 681	39	5 526	3 092	1 856
Farms with—										
1 to 9 acres	29	18	129	15	78	56	5	25	17	5
10 to 49 acres	207	158	5 762	170	4 893	2 642	12	279	119	45
50 to 69 acres	76	82	4 361	72	4 120	1 972	6	353	141	26
70 to 99 acres	87	95	7 201	76	6 270	3 208	2	(D)	(D)	(D)
100 to 139 acres	106	106	12 406	105	12 270	6 347	5	611	253	142
140 to 179 acres	57	74	8 965	54	8 497	4 285	2	(D)	(D)	(D)
180 to 219 acres	36	47	7 137	36	7 137	3 669	1	(D)	(D)	(D)
220 to 259 acres	37	42	8 579	37	8 579	4 080	–	–	–	–
260 to 499 acres	102	111	36 218	102	36 218	24 226	3	1 092	844	225
500 to 999 acres	41	51	26 953	41	26 953	18 210	2	(D)	(D)	(D)
1,000 to 1,999 acres	12	5	(D)	12	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	2	1	(D)	2	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	792	136 212	790	140 645	547	122 893	523	122 365
Harvested cropland	722	79 681	746	76 999	510	75 746	500	71 372
Tenure of operator:								
Full owners	477	52 985	500	57 149	276	42 231	281	42 765
Harvested cropland	413	22 044	(NA)	23 620	244	19 248	(NA)	19 775
Part owners	269	74 507	255	73 762	233	72 289	216	70 208
Harvested cropland	268	51 286	(NA)	46 631	233	50 334	(NA)	45 048
Tenants	46	8 720	35	9 734	38	8 373	26	9 392
Harvested cropland	41	6 351	(NA)	6 748	33	6 164	(NA)	6 549
Type of organization:								
Individual or family	705	109 408	(NA)	(NA)	477	97 643	465	97 526
Partnership	70	22 454	(NA)	(NA)	55	21 354	48	18 619
Corporation	14	3 995	(NA)	(NA)	13	(D)	10	6 220
Other—cooperative, estate or trust, institutional, etc.	3	355	(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	346	357	291	311
Other	446	422	256	202
Operators by age group:				
Under 25 years	14	7	11	5
25 to 34 years	66	77	42	41
35 to 44 years	174	181	115	113
45 to 54 years	207	180	143	124
55 to 64 years	220	219	167	160
65 years and over	111	115	69	70
Average age	50.9	51.2	51.0	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	655	651	452	436
Not on farm operated	92	56	61	29
Not reported	45	72	34	48
Operators reporting days of work off farm:				
None	272	247	226	189
1 to 49 days	37	40	27	28
50 to 99 days	17	18	13	13
100 to 149 days	19	35	13	29
150 to 199 days	32	41	19	22
200 days or more	375	316	217	160

[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	1 808	305	1 409	213	1 778	185	1 360
Feed for livestock and poultry	431	1 686	501	1 641	335	1 582	333	1 580
Commercially mixed formula feeds	232	645	350	973	202	634	253	948
Animal health costs	419	222	(NA)	(NA)	305	209	255	176
Seeds, bulbs, plants, and trees	561	810	583	560	445	783	429	540
Commercial fertilizer	557	1 976	574	1 395	430	1 930	429	1 359
Other agricultural chemicals including lime	534	644	392	321	415	605	322	314
Hired farm labor	259	1 203	245	1 110	217	1 163	195	1 072
Contract labor	3	32	26	30	3	32	24	(D)
Customwork, machine hire, and rental of machinery and equipment	377	339	305	217	306	319	225	205
Energy and petroleum products	781	1 488	(NA)	(NA)	542	1 424	(NA)	(NA)
Petroleum products	781	1 071	763	813	542	1 021	510	761
Gasoline	728	527	(NA)	(NA)	517	491	484	460
Diesel fuel	408	363	(NA)	(NA)	328	355	222	200
LP gas, butane, and propane	96	72	(NA)	(NA)	91	72	39	31
Fuel oil	113	40	(NA)	(NA)	94	38	510	70
Natural gas	10	6	(NA)	(NA)	10	6		
Kerosene, motor oil, and grease	781	63	(NA)	(NA)	542	58		
Electricity	558	408	(NA)	(NA)	462	394	(NA)	(NA)
Other—coal, wood, coke, etc.	48	9	(NA)	(NA)	48	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	547	62 224	430	60 294	429	48 488
Cropland fertilized, except pasture	547	61 562	430	59 644	(NA)	48 224
Pasture and rangeland fertilized	33	662	27	650	(NA)	264
Lime	95	2 980	73	2 604	43	1 729
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	229	21 228	188	20 704	(NA)	10 195
Nematodes in crops	35	4 121	29	4 061	–	–
Diseases in crops and orchards	55	2 294	25	2 083	10	605
Weeds, grass, or brush in crops and pasture	377	32 193	285	31 068	(NA)	29 706
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	5	290	5	290	4	274
Insect control on livestock and poultry	217	(X)	186	(X)	48	(X)
Sanitation and rodent and bird control	162	(X)	124	(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	791	759	547	502
$1,000	25 483	16 665	22 510	14 512
Average per farm—dollars	32 216	21 957	41 151	28 908
Farms by value group:				
$1 to $4,999	74	126	24	44
$5,000 to $9,999	248	185	110	82
$10,000 to $19,999	126	173	92	122
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	130	108	125	91
$30,000 to $49,999	34	83	34	80
$50,000 to $69,999	50	42	43	41
$70,000 to $99,999	57		52	
$100,000 to $199,999	62	42	57	42
$200,000 or more	10		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	546	744	353	442	270	302	600	836	566
Motortrucks including pickups	626	949	366	439	364	510	597	863	421
Wheel tractors	767	1 941	219	326	710	1 615	716	1 756	297
Grain and bean combines, self-propelled only	139	145	37	37	103	108	120	125	39
Corn heads for combines	110	119	32	32	79	87	77	84	31
Other cornpickers and picker-shellers	282	297	8	8	275	289	276	289	55
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	407	430	178	178	240	252	274	281	88
Pickup balers	382	388	114	114	268	274	381	387	99
Field forage harvesters, shear bar or flywheel type	170	197	64	70	111	127	177	198	61

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	259	81	(X)	227	(X)	217	195
Workers	997	(X)	186	(X)	811	888	868
Farms with—							
1 worker	60	41	41	69	69	37	77
2 workers	68	12	24	58	116	67	34
3 or 4 workers	60	23	77	36	130	48	35
5 to 9 workers	63	3	(D)	60	377	57	35
10 workers or more	8	2	(D)	4	119	8	14

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	562	(X)	582	(X)	391	(X)	397	(X)
Any cattle, hogs, or sheep	454	(X)	511	(X)	337	(X)	363	(X)
Sales:								
Any livestock or poultry and their products $1,000	478	13 745	520	9 922	367	13 633	382	9 809
Any cattle, hogs, or sheep $1,000	422	5 411	477	(NA)	335	5 323	362	3 416
CATTLE AND CALVES								
Inventory:								
Cattle and calves	399	20 524	466	25 370	298	19 776	342	23 842
Cows and heifers that had calved	298	8 641	367	10 812	229	8 323	278	10 147
Beef cows	169	1 890	219	3 404	109	1 590	146	2 853
Milk cows	147	6 751	189	7 408	133	6 733	165	7 294
Heifers and heifer calves	295	6 690	(NA)	(NA)	236	6 509	242	6 514
Steers, steer calves, bulls and bull calves	324	5 193	(NA)	(NA)	247	4 944	285	7 181
Sales:								
Cattle and calves	363	11 422	425	10 495	294	11 232	334	9 971
$1,000	(X)	4 379	(X)	(NA)	(X)	4 317	(X)	3 011
Calves	161	3 532	(NA)	(NA)	147	3 486	181	2 977
$1,000	(X)	306	(X)	(NA)	(X)	300	(X)	156
Cattle	328	7 890	(NA)	(NA)	270	7 746	292	6 994
$1,000	(X)	4 072	(X)	(NA)	(X)	4 017	(X)	2 855
Fattened cattle	144	4 661	(NA)	(NA)	106	4 584	95	4 112
$1,000	(X)	2 409	(X)	(NA)	(X)	2 377	(X)	1 768
Dairy products $1,000	122	7 936	(NA)	(NA)	122	7 936	140	6 236
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	106	7 830	115	3 954	82	7 647	76	3 626
Used or to be used for breeding	73	1 209	(NA)	(NA)	64	1 161	42	445
Other hogs and pigs	99	6 621	(NA)	(NA)	78	6 486	74	3 181
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	77	1 704	59	1 133	67	1 668	45	1 089
Dec. 1 of preceding year and May 31	66	838	45	455	56	817	35	436
June 1 and Nov. 30	62	866	38	678	58	851	30	653
Sheep and lambs	58	2 898	63	3 906	38	2 388	36	3 268
Ewes 1 year old or older	54	1 774	(NA)	(NA)	35	1 386	35	1 801
Goats	19	265	(NA)	(NA)	8	191	2	(D)
Horses and ponies	193	1 164	191	1 160	108	621	111	824
Sales:								
Hogs and pigs	101	10 606	86	4 427	83	10 431	61	4 227
$1,000	(X)	905	(X)	(NA)	(X)	894	(X)	296
Feeder pigs	28	2 586	29	671	26	(D)	22	612
$1,000	(X)	102	(X)	(NA)	(X)	(D)	(X)	13
Sheep and lambs	54	1 679	56	3 593	36	1 448	36	2 790
Sheep and lambs shorn	54	2 522	(NA)	(NA)	35	2 050	33	3 011
Pounds of wool	(X)	23 579	(X)	(NA)	(X)	19 792	(X)	23 486
Sheep, lambs, and wool $1,000	57	127	(NA)	(NA)	38	112	36	109
Goats	7	42	(NA)	(NA)	2	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	58	146	38	117	42	114	29	99
$1,000	(X)	232	(X)	(NA)	(X)	219	(X)	92
POULTRY								
Inventory:								
Any poultry	100	(X)	126	(X)	53	(X)	64	(X)
Chickens 3 months old or older	90	12 518	123	7 205	50	11 342	61	4 506
Hens and pullets of laying age	89	(D)	120	6 802	49	(D)	61	(D)
Pullets 3 months old or older	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	14	401	18	895	4	67	11	472
Turkeys	5	27	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	3	14	(NA)	(NA)	1	(D)	1	(D)
Turkey hens kept for breeding	3	13	(NA)	(NA)	1	(D)	–	–
Other poultry	22	(X)	(NA)	(X)	10	(X)	7	(X)
Sales:								
Any poultry	35	(X)	29	(X)	22	(X)	15	(X)
Chickens 3 months old or older	19	7 787	24	2 027	12	7 462	12	1 547
Hens and pullets of laying age	19	(D)	22	1 998	12	(D)	12	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	9	819	6	605	6	651	3	190
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	8	(X)	(NA)	(X)	7	(X)	–	(X)
Poultry and poultry products $1,000	51	89	50	34	30	86	27	29

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	461	39 265	(X)	2	(D)	385	38 480	(X)	2	(D)
	1974	513	36 420	(X)	(NA)	(NA)	398	35 046	(X)	2	(D)
For grain or seed (bushels)	1978	436	31 562	2 140 725	2	(D)	363	30 806	2 102 237	2	(D)
	1974	483	26 604	1 409 524	(NA)	(NA)	375	25 440	1 363 553	2	(D)
For silage or green chop (tons, green)	1978	167	(D)	81 896	1	(D)	162	(D)	81 500	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	199	9 382	84 064	–	–
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	224	(X)	–	–
Sorghums for all purposes	1978	7	114	(X)	–	–	7	114	(X)	–	–
	1974	18	297	(X)	(NA)	(NA)	17	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	10	360	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	7	114	1 004	–	–	7	114	1 004	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	257	1 312	–	–
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)	3	30	(X)	–	–
Wheat for grain (bushels)	1978	213	5 507	218 737	–	–	197	5 356	213 870	–	–
	1974	336	9 460	349 894	(NA)	(NA)	290	8 887	332 967	–	–
Oats for grain (bushels)	1978	216	5 061	291 870	–	–	192	4 805	280 655	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	175	3 747	188 620	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	6	58	1 890	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	80	2 255	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	47	2 348	55 044	–	–	42	2 194	53 500	–	–
	1974	24	509	8 558	(NA)	(NA)	15	389	7 179	–	–
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)	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	545	28 342	72 632	3	29	393	25 738	68 431	3	29
	1974	527	25 329	59 845	(NA)	(NA)	372	22 141	55 290	–	–
Alfalfa hay (tons, dry)	1978	508	20 782	58 913	2	(D)	369	18 603	55 200	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	322	14 538	39 829	–	–
Other tame dry hay (tons, dry) (see text)	1978	88	2 119	3 794	–	–	66	1 822	3 412	–	–
Field seed crops	1978	17	304	(X)	–	–	14	275	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	38	563	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	17	304	28 979	–	–	14	275	25 062	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	545	72 895	–	–
All vegetables harvested for sale (see text)	1978	34	2 866	(X)	13	2 289	21	2 843	(X)	10	2 285
	1974	36	420	(X)	(NA)	(NA)	19	396	(X)	9	129
Sweet corn	1978	22	158	(X)	5	(D)	15	145	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	135	(X)	2	(D)
Tomatoes	1978	10	10	(X)	3	2	4	7	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	1	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	33	662	(X)	5	(D)	19	578	(X)	4	(D)
	1974	29	321	(X)	(NA)	(NA)	10	200	(X)	1	(D)
Apples (pounds)	1978	31	531	4 090 926	(NA)	(NA)	18	466	4 026 216	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	127	814 620	(NA)	(NA)
Peaches (pounds)	1978	12	65	71 032	(NA)	(NA)	7	63	70 550	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	21	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	8	6	2 776	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	15	53	(X)	8	26	6	46	(X)	3	25
	1974	9	25	(X)	(NA)	(NA)	5	21	(X)	2	(D)
Strawberries (pounds)	1978	12	29	(D)	8	(D)	5	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	9	48 000	1	(D)
Nursery and greenhouse products	1978	34	402	(X)	15	231	25	368	(X)	12	210
Other crops	1978	4	100	(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	30	11 402	29	11 621	18	9 154	19	8 561
Average size of farm	(X)	380	(X)	401	(X)	509	(X)	451
Approximate land area	(X)	579 840	(X)	579 840	(X)	579 840	(X)	579 840
Proportion in farms, percent	(X)	2.0	(X)	2.0	(X)	1.6	(X)	1.5
Value of land and buildings:[1]								
Average per farm, dollars	166 676	(X)	84 069	(X)	200 165	(X)	100 053	(X)
Average per acre, dollars	(X)	439	(X)	210	(X)	394	(X)	222
Land in farms according to use:								
Total cropland	30	7 690	29	4 873	18	6 783	19	4 021
Harvested cropland	27	2 813	22	2 412	17	2 414	18	2 252
By acres harvested:								
1 to 9 acres	–	–	1	(NA)	–	–	1	(NA)
10 to 19 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
20 to 29 acres	2	(D)	1	(NA)	–	–	1	(NA)
30 to 49 acres	8	286	8	(NA)	3	124	4	(NA)
50 to 99 acres	5	323	4	(NA)	2	(D)	4	(NA)
100 to 199 acres	7	955	3	(NA)	7	955	3	(NA)
200 to 499 acres	4	1 189	5	(NA)	4	1 189	5	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	19	4 017	20	1 945	12	3 647	10	1 363
Other cropland	10	860	12	516	7	722	6	406
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	2	(D)	(NA)	(NA)	–	–	1	(D)
Cropland on which all crops failed	7	586	(NA)	(NA)	5	(D)	3	43
Cropland in cultivated summer fallow	5	(D)	(NA)	(NA)	3	(D)	2	(D)
Cropland idle	3	131	(NA)	(NA)	2	(D)	5	237
Total woodland	22	2 987	21	5 283	12	1 670	13	3 728
Woodland pastured	13	(D)	(NA)	(NA)	8	(D)	6	986
Woodland not pastured	16	(D)	(NA)	(NA)	8	(D)	11	2 742
Other land	14	725	19	1 465	11	701	10	812
Pastureland and rangeland, other than cropland and woodland pastured	2	(D)	(NA)	(NA)	2	(D)	5	294
Land in house lots, ponds, roads, wasteland, etc	14	(D)	(NA)	(NA)	11	(D)	10	518
Pastureland, all types	22	5 237	(NA)	(NA)	14	4 627	(NA)	2 643
Irrigated land	1	(D)	1	(D)	1	(D)	1	(D)
Harvested cropland irrigated	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	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]	30	846	29	417	18	830	19	411
Average per farm, dollars	(X)	28 191	(X)	14 379	(X)	46 114	(X)	21 632
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	–	(NA)	2	(D)	–	(NA)
$40,000 to $99,999	6	445	4	(NA)	6	445	4	(NA)
$20,000 to $39,999	1	(D)	4	(NA)	1	(D)	4	(NA)
$10,000 to $19,999	2	(D)	3	(NA)	2	(D)	3	(NA)
$5,000 to $9,999	3	24	–	(NA)	3	24	–	(NA)
$2,500 to $4,999	4	13	5	(NA)	4	13	5	(NA)
Less than $2,500 (see text)	12	16	13	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	3	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	2	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	3	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	4	2	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	16	345	20	(D)	10	340	(NA)	(D)
Grains	4	4	(NA)	(NA)	1	(D)	5	25
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	10	30	(NA)	(NA)	7	28	12	40
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Nursery and greenhouse products	2	(D)	2	(D)	2	(D)	2	(D)
Other crops	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Livestock, poultry, and their products	19	500	17	206	12	490	13	(D)
Poultry and poultry products	2	(D)	3	63	2	(D)	3	63
Dairy products	–	–	(NA)	(NA)	–	–	–	–
Cattle and calves	17	405	(NA)	(NA)	10	396	11	132
Hogs and pigs	5	(D)	(NA)	(NA)	4	(D)	5	7
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	1	(D)
Other livestock and livestock products (see text)	2	(D)	(NA)	(NA)	2	(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	30	29	11 402	27	9 932	2 813	1	(D)	(D)	(D)
Farms with—										
1 to 9 acres	–	–	–	–	–	–	–	–	–	–
10 to 49 acres	–	–	–	–	–	–	–	–	–	–
50 to 69 acres	–	–	–	–	–	–	–	–	–	–
70 to 99 acres	3	1	249	3	249	95	–	–	–	–
100 to 139 acres	3	1	342	3	342	117	1	(D)	(D)	(D)
140 to 179 acres	3	8	450	3	450	150	–	–	–	–
180 to 219 acres	4	2	791	3	601	213	–	–	–	–
220 to 259 acres	2	2	(D)	2	(D)	(D)	–	–	–	–
260 to 499 acres	10	10	3 995	9	3 515	1 119	–	–	–	–
500 to 999 acres	3	2	2 493	2	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	2	3	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	30	11 402	29	11 621	18	9 154	19	8 561
Harvested cropland	27	2 813	22	2 412	17	2 414	18	2 252
Tenure of operator:								
Full owners	11	(D)	18	4 520	4	(D)	11	2 782
Harvested cropland	11	(D)	(NA)	1 088	4	(D)	(NA)	1 018
Part owners	18	8 481	11	7 101	13	7 401	8	5 779
Harvested cropland	15	2 070	(NA)	1 324	12	1 907	(NA)	1 234
Tenants	1	(D)	–	–	1	(D)	–	–
Harvested cropland	1	(D)	(NA)	–	1	(D)	(NA)	–
Type of organization:								
Individual or family	29	(D)	(NA)	(NA)	17	(D)	18	(D)
Partnership	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	11	10	10	10
Other	19	19	8	9
Operators by age group:				
Under 25 years	2	–	1	–
25 to 34 years	4	2	2	2
35 to 44 years	7	11	3	4
45 to 54 years	8	10	6	8
55 to 64 years	6	4	3	3
65 years and over	3	2	3	2
Average age	46.7	46.6	49.2	48.5

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	24	17	16	15
Not on farm operated	3	4	1	–
Not reported	3	8	1	4
Operators reporting days of work off farm:				
None	10	6	9	6
1 to 49 days	3	3	3	3
50 to 99 days	–	2	–	2
100 to 149 days	–	–	–	–
150 to 199 days	1	4	–	2
200 days or more	16	12	6	4

[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	13	212	17	41	10	211	13	41
Feed for livestock and poultry	19	91	23	62	11	84	14	58
Commercially mixed formula feeds	3	41	16	50	2	(D)	9	48
Animal health costs	16	6	(NA)	(NA)	11	5	11	3
Seeds, bulbs, plants, and trees	18	28	17	16	14	27	12	16
Commercial fertilizer	22	34	21	26	15	32	17	25
Other agricultural chemicals including lime	14	9	10	6	10	9	10	6
Hired farm labor	16	62	12	62	13	60	9	61
Contract labor	1	(D)	2	(D)	1	(D)	1	(Z)
Customwork, machine hire, and rental of machinery and equipment	12	8	5	2	8	7	5	2
Energy and petroleum products	30	71	(NA)	(NA)	18	64	(NA)	(NA)
Petroleum products	30	56	28	30	18	51	19	27
Gasoline	30	29	(NA)	(NA)	18	26	19	19
Diesel fuel	18	22	(NA)	(NA)	14	21	10	5
LP gas, butane, and propane	1	(D)	(NA)	(NA)	1	(D)	–	–
Fuel oil	4	(D)	(NA)	(NA)	4	(D)	19	2
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	30	3	(NA)	(NA)	18	3		
Electricity	21	(D)	(NA)	(NA)	15	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	2	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	21	1 569	14	1 438	17	1 204
Cropland fertilized, except pasture	21	1 339	14	1 208	(NA)	1 034
Pasture and rangeland fertilized	3	230	3	230	(NA)	170
Lime	4	87	3	(D)	3	148
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	5	319	3	(D)	(NA)	52
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	3	24	2	(D)	–	–
Weeds, grass, or brush in crops and pasture	12	686	10	(D)	(NA)	196
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	37	3	(D)	–	–
Insect control on livestock and poultry	9	(X)	6	(X)	2	(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	30	29	18	19
$1,000	978	512	867	448
Average per farm—dollars	32 609	17 655	48 148	23 579
Farms by value group:				
$1 to $4,999	2	2	–	1
$5,000 to $9,999	6	13	–	4
$10,000 to $19,999	8	5	5	5

	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	4	1	4	1
$30,000 to $49,999	4	6	3	6
$50,000 to $69,999	2	2	2	2
$70,000 to $99,999	1	–	1	–
$100,000 to $199,999	2		2	
$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	22	29	16	17	10	12	24	30	16
Motortrucks including pickups	27	49	18	21	17	28	28	46	24
Wheel tractors	27	63	12	14	23	49	27	62	15
Grain and bean combines, self-propelled only	7	9	–	–	7	9	8	8	2
Corn heads for combines	–	–	–	–	–	–	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	3	8	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	13	14	10	10	3	4	4	4	2
Pickup balers	14	15	6	7	8	8	15	15	4
Field forage harvesters, shear bar or flywheel type	7	8	6	(D)	2	(D)	3	3	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	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	16	6	(X)	15	(X)	13	9
Workers	60	(X)	9	(X)	51	50	57
Farms with—							
1 worker	3	3	3	4	4	2	2
2 workers	2	3	6	3	6	2	1
3 or 4 workers	7	–	–	4	13	6	–
5 to 9 workers	3	–	–	3	(D)	2	4
10 workers or more	1	–	–	1	(D)	1	2

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	21	(X)	19	(X)	13	(X)	14	(X)
Any cattle, hogs, or sheep	17	(X)	17	(X)	10	(X)	12	(X)
Sales:								
Any livestock or poultry and their products $1,000	19	500	17	206	12	490	13	(D)
Any cattle, hogs, or sheep $1,000	17	(D)	16	(NA)	10	(D)	12	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	17	1 262	15	1 025	10	1 069	10	861
Cows and heifers that had calved	14	301	13	283	7	225	8	212
Beef cows	14	(D)	12	(D)	7	(D)	7	(D)
Milk cows	2	(D)	1	(D)	2	(D)	1	(D)
Heifers and heifer calves	14	256	(NA)	(NA)	8	202	9	165
Steers, steer calves, bulls and bull calves	17	705	(NA)	(NA)	10	642	8	484
Sales:								
Cattle and calves	17	951	15	675	10	923	11	669
$1,000	(X)	405	(X)	(NA)	(X)	396	(X)	132
Calves	8	(D)	(NA)	(NA)	3	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Cattle	15	(D)	(NA)	(NA)	9	(D)	10	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Fattened cattle	6	47	(NA)	(NA)	3	(D)	5	10
$1,000	(X)	24	(X)	(NA)	(X)	(D)	(X)	4
Dairy products $1,000	–	–	(NA)	(NA)	–	–	–	–
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	7	(D)	5	55	5	(D)	3	(D)
Used or to be used for breeding	6	59	(NA)	(NA)	4	(D)	2	(D)
Other hogs and pigs	6	(D)	(NA)	(NA)	5	(D)	2	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	6	66	4	12	4	(D)	2	(D)
Dec. 1 of preceding year and May 31	6	(D)	–	–	4	(D)	–	–
June 1 and Nov. 30	4	(D)	4	12	2	(D)	2	(D)
Sheep and lambs	–	–	1	(D)	–	–	1	(D)
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	10	33	9	46	6	24	7	(D)
Sales:								
Hogs and pigs	5	(D)	7	118	4	(D)	5	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	7
Feeder pigs	3	(D)	–	–	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	–	–	1	(D)	–	–	1	(D)
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	1	(D)
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	(D)
Sheep, lambs, and wool $1,000	–	–	(NA)	(NA)	–	–	1	(Z)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	2	(D)	2	(D)	2	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	4	(X)	4	(X)	2	(X)	4	(X)
Chickens 3 months old or older	4	(D)	4	(D)	2	(D)	4	(D)
Hens and pullets of laying age	4	(D)	4	(D)	2	(D)	4	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	1	(D)	1	(D)	–	–	1	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	1	(D)
Other poultry	1	(X)	(NA)	(X)	–	(X)	1	(X)
Sales:								
Any poultry	2	(X)	2	(X)	2	(X)	2	(X)
Chickens 3 months old or older	2	(D)	2	(D)	2	(D)	2	(D)
Hens and pullets of laying age	2	(D)	2	(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	–	–	–	–	–	–	–	–
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	2	(D)	3	63	2	(D)	3	63

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	7	202	(X)	–	–	6	(D)	(X)	–	–
	1974	3	86	(X)	(NA)	(NA)	3	86	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	6	(D)	1 946	–	–	6	(D)	1 946	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(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	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Oats for grain (bushels)	1978	9	399	13 180	–	–	6	322	11 000	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	624	22 386	–	–
Barley for grain (bushels)	1978	3	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	100	2 938	–	–
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)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	21	2 038	2 952	–	–	14	1 734	2 572	–	–
	1974	18	1 408	2 722	(NA)	(NA)	14	1 288	2 492	–	–
Alfalfa hay (tons, dry)	1978	13	1 169	1 930	–	–	10	1 099	1 798	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	1 013	2 037	–	–
Other tame dry hay (tons, dry) (see text)	1978	9	308	520	–	–	4	187	342	–	–
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)	1	(D)	1	(D)	(X)	1	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	2	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(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	2	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	2	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	2	(D)	(X)	–	–	2	(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	87	27 861	86	23 487	64	24 340	54	19 248
Average size of farm	(X)	320	(X)	273	(X)	380	(X)	356
Approximate land area	(X)	648 960	(X)	648 960	(X)	648 960	(X)	648 960
Proportion in farms — percent	(X)	4.3	(X)	3.6	(X)	3.8	(X)	3.0
Value of land and buildings:[1]								
Average per farm — dollars	106 897	(X)	58 035	(X)	127 740	(X)	74 463	(X)
Average per acre — dollars	(X)	334	(X)	213	(X)	336	(X)	209
Land in farms according to use:								
Total cropland	83	16 792	86	14 451	62	14 941	54	12 240
Harvested cropland	80	10 706	81	8 134	61	9 973	53	7 200
By acres harvested:								
1 to 9 acres	1	(D)	2	(NA)	1	(D)	1	(NA)
10 to 19 acres	6	85	4	(NA)	2	(D)	2	(NA)
20 to 29 acres	7	170	8	(NA)	2	(D)	2	(NA)
30 to 49 acres	14	542	17	(NA)	9	346	4	(NA)
50 to 99 acres	18	1 273	12	(NA)	14	1 020	6	(NA)
100 to 199 acres	13	(D)	28	(NA)	12	(D)	28	(NA)
200 to 499 acres	20	5 873	9	(NA)	20	5 873	9	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	52	3 776	66	5 264	40	3 426	49	4 452
Other cropland	44	2 310	28	1 053	29	1 542	15	588
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	8	164	(NA)	(NA)	6	(D)	2	(D)
Cropland on which all crops failed	17	917	(NA)	(NA)	14	764	1	(D)
Cropland in cultivated summer fallow	11	248	(NA)	(NA)	8	(D)	7	164
Cropland idle	24	981	(NA)	(NA)	13	430	9	314
Total woodland	70	7 158	62	6 751	52	5 624	43	5 950
Woodland pastured	31	1 802	(NA)	(NA)	24	1 579	21	1 226
Woodland not pastured	56	5 356	(NA)	(NA)	43	4 045	37	4 724
Other land	58	3 911	70	2 285	44	3 775	42	1 058
Pastureland and rangeland, other than cropland and woodland pastured	13	3 190	(NA)	(NA)	10	3 159	8	321
Land in house lots, ponds, roads, wasteland, etc	55	721	(NA)	(NA)	42	616	40	737
Pastureland, all types	68	8 768	(NA)	(NA)	52	8 164	(NA)	5 999
Irrigated land	1	(D)	–	–	–	–	–	–
Harvested cropland irrigated	–	–	(NA)	(NA)	–	–	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	–	–	–	–
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]	87	2 044	86	1 081	64	2 022	54	1 043
Average per farm — dollars	(X)	23 499	(X)	12 570	(X)	31 594	(X)	19 315
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	19	(D)	4	(NA)	19	(D)	4	(NA)
$20,000 to $39,999	9	274	13	(NA)	9	274	13	(NA)
$10,000 to $19,999	7	99	17	(NA)	7	99	17	(NA)
$5,000 to $9,999	11	74	6	(NA)	11	74	6	(NA)
$2,500 to $4,999	16	56	13	(NA)	16	56	13	(NA)
Less than $2,500 (see text)	23	22	32	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	5	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	4	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	13	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	39	162	51	108	29	155	(NA)	86
Grains	13	34	(NA)	(NA)	11	(D)	11	10
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	30	119	(NA)	(NA)	22	112	19	(D)
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	–	–	1	(D)	–	–
Other crops	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Livestock, poultry, and their products	68	1 882	68	953	54	1 867	53	937
Poultry and poultry products	8	7	11	6	7	(D)	11	6
Dairy products	31	1 447	(NA)	(NA)	31	1 447	32	747
Cattle and calves	59	399	(NA)	(NA)	51	388	52	172
Hogs and pigs	9	14	(NA)	(NA)	6	13	2	(D)
Sheep, lambs, and wool	3	2	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	5	14	(NA)	(NA)	2	(D)	1	(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	87	86	27 861	80	26 851	10 706	1	(D)	–	(D)
Farms with—										
1 to 9 acres	2	–	(D)	1	(D)	(D)	–	–	–	–
10 to 49 acres	2	–	(D)	1	(D)	(D)	–	–	–	–
50 to 69 acres	3	1	174	3	174	105	–	–	–	–
70 to 99 acres	12	13	968	11	888	394	–	–	–	–
100 to 139 acres	6	11	722	6	722	303	–	–	–	–
140 to 179 acres	9	5	1 462	7	1 139	305	–	–	–	–
180 to 219 acres	7	10	1 366	7	1 366	409	–	–	–	–
220 to 259 acres	5	12	1 200	4	960	447	1	(D)	–	(D)
260 to 499 acres	26	29	9 671	25	9 344	4 310	–	–	–	–
500 to 999 acres	12	4	7 217	12	7 217	2 730	–	–	–	–
1,000 to 1,999 acres	2	–	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	87	27 861	86	23 487	64	24 340	54	19 248
Harvested cropland	80	10 706	81	8 134	61	9 973	53	7 200
Tenure of operator:								
Full owners	55	15 418	58	12 500	38	13 131	31	9 286
Harvested cropland	50	(D)	(NA)	3 874	36	(D)	(NA)	3 095
Part owners	31	(D)	28	10 987	25	(D)	23	9 962
Harvested cropland	29	5 847	(NA)	4 260	24	5 552	(NA)	4 105
Tenants	1	(D)	–	–	1	(D)	–	–
Harvested cropland	1	(D)	(NA)	–	1	(D)	(NA)	–
Type of organization:								
Individual or family	82	26 693	(NA)	(NA)	61	23 572	49	17 684
Partnership	4	(D)	(NA)	(NA)	2	(D)	5	1 564
Corporation	1	(D)	(NA)	(NA)	1	(D)	–	–
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	52	58	47	41
Other	35	28	17	13
Operators by age group:				
Under 25 years	2	1	2	1
25 to 34 years	14	12	12	11
35 to 44 years	25	15	19	10
45 to 54 years	20	24	11	16
55 to 64 years	16	26	12	13
65 years and over	10	8	8	3
Average age	46.9	49.5	46.3	47.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	70	76	51	51
Not on farm operated	6	5	4	1
Not reported	11	5	9	2
Operators reporting days of work off farm:				
None	35	29	32	13
1 to 49 days	5	7	5	5
50 to 99 days	4	3	3	3
100 to 149 days	1	4	–	2
150 to 199 days	6	7	4	7
200 days or more	34	23	19	11

[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	33	71	30	96	21	66	22	94
Feed for livestock and poultry	65	436	69	175	49	430	51	168
Commercially mixed formula feeds	37	239	36	32	33	238	28	29
Animal health costs	58	26	(NA)	(NA)	49	25	39	13
Seeds, bulbs, plants, and trees	49	37	48	14	41	35	31	13
Commercial fertilizer	63	105	52	42	51	101	41	41
Other agricultural chemicals including lime	35	30	17	4	30	27	17	4
Hired farm labor	33	110	24	26	30	109	20	25
Contract labor	2	(D)	4	3	2	(D)	4	3
Customwork, machine hire, and rental of machinery and equipment	23	19	21	11	16	17	15	9
Energy and petroleum products	87	146	(NA)	(NA)	64	136	(NA)	(NA)
Petroleum products	87	106	86	62	64	98	54	52
Gasoline	83	60	(NA)	(NA)	61	54	54	40
Diesel fuel	46	28	(NA)	(NA)	40	27	19	7
LP gas, butane, and propane	4	3	(NA)	(NA)	4	(D)	4	(Z)
Fuel oil	10	6	(NA)	(NA)	9	(D)		
Natural gas	–	–	(NA)	(NA)	–	–	54	5
Kerosene, motor oil, and grease	87	9	(NA)	(NA)	64	8		
Electricity	69	37	(NA)	(NA)	57	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	7	2	(NA)	(NA)	6	(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	60	4 418	50	4 230	41	2 298
Cropland fertilized, except pasture	60	4 292	50	4 104	(NA)	2 125
Pasture and rangeland fertilized	6	126	6	126	(NA)	173
Lime	8	189	5	161	4	122
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	17	1 702	14	1 473	(NA)	166
Nematodes in crops	3	28	2	(D)	–	–
Diseases in crops and orchards	10	321	8	(D)	–	–
Weeds, grass, or brush in crops and pasture	25	1 876	24	(D)	(NA)	397
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	6	79	6	79	–	–
Insect control on livestock and poultry	26	(X)	23	(X)	8	(X)
Sanitation and rodent and bird control	8	(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	87	86	64	54
$1,000	2 454	1 465	2 251	1 176
Average per farm—dollars	28 209	17 035	35 172	21 778
Farms by value group:				
$1 to $4,999	7	13	2	8
$5,000 to $9,999	24	19	10	5
$10,000 to $19,999	13	21	11	9
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	13	21	12	20
$30,000 to $49,999	9	8	8	8
$50,000 to $69,999	13	3	13	3
$70,000 to $99,999	7		7	
$100,000 to $199,999	1	1	1	1
$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	66	88	49	51	30	37	73	85	59
Motortrucks including pickups	70	91	42	44	37	47	60	72	38
Wheel tractors	84	222	28	38	81	184	84	180	33
Grain and bean combines, self-propelled only	29	32	1	(D)	28	(D)	23	23	1
Corn heads for combines	1	(D)	1	(D)	–	–	1	(D)	–
Other cornpickers and picker-shellers	4	4	1	(D)	3	(D)	3	4	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	49	51	20	20	30	31	38	40	16
Pickup balers	55	57	11	11	44	46	60	61	8
Field forage harvesters, shear bar or flywheel type	24	33	14	17	12	16	19	22	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	33	11	(X)	30	(X)	30	20
Workers	130	(X)	20	(X)	110	124	58
Farms with—							
1 worker	9	6	6	11	11	7	6
2 workers	5	4	(D)	5	10	5	6
3 or 4 workers	11	–	–	8	26	10	4
5 to 9 workers	6	1	(D)	4	(D)	6	4
10 workers or more	2	–	–	2	(D)	2	–

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	72	(X)	70	(X)	53	(X)	52	(X)
Any cattle, hogs, or sheep	69	(X)	67	(X)	52	(X)	52	(X)
Sales:								
Any livestock or poultry and their products $1,000	68	1 882	68	953	54	1 867	53	937
Any cattle, hogs, or sheep $1,000	65	414	67	(NA)	53	(D)	52	172
CATTLE AND CALVES								
Inventory:								
Cattle and calves	65	3 483	66	3 664	50	3 354	51	3 436
Cows and heifers that had calved	62	1 822	64	1 998	48	1 752	50	1 876
Beef cows	31	599	32	875	20	539	21	786
Milk cows	37	1 223	42	1 123	32	1 213	33	1 090
Heifers and heifer calves	56	1 140	(NA)	(NA)	46	1 111	45	1 104
Steers, steer calves, bulls and bull calves	52	521	(NA)	(NA)	42	491	36	456
Sales:								
Cattle and calves	59	1 262	67	1 178	51	1 221	52	1 101
$1,000	(X)	399	(X)	(NA)	(X)	388	(X)	172
Calves	43	497	(NA)	(NA)	37	477	30	377
$1,000	(X)	95	(X)	(NA)	(X)	90	(X)	24
Cattle	52	765	(NA)	(NA)	45	744	45	724
$1,000	(X)	304	(X)	(NA)	(X)	298	(X)	147
Fattened cattle	9	86	(NA)	(NA)	7	(D)	2	(D)
$1,000	(X)	37	(X)	(NA)	(X)	(D)	(X)	(D)
Dairy products $1,000	31	1 447	(NA)	(NA)	31	1 447	32	747
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	13	65	11	42	7	44	5	34
Used or to be used for breeding	7	29	(NA)	(NA)	5	(D)	2	(D)
Other hogs and pigs	10	36	(NA)	(NA)	5	(D)	5	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	8	33	2	(D)	6	(D)	2	(D)
Dec. 1 of preceding year and May 31	7	16	2	(D)	5	(D)	2	(D)
June 1 and Nov. 30	6	17	2	(D)	5	(D)	2	(D)
Sheep and lambs	4	32	2	(D)	3	(D)	2	(D)
Ewes 1 year old or older	3	30	(NA)	(NA)	2	(D)	1	(D)
Goats	1	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	15	47	17	73	8	22	9	35
Sales:								
Hogs and pigs	9	218	2	(D)	6	207	2	(D)
$1,000	(X)	14	(X)	(NA)	(X)	13	(X)	(Z)
Feeder pigs	2	(D)	2	(D)	2	(D)	2	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Sheep and lambs	3	34	–	–	2	(D)	–	–
Sheep and lambs shorn	3	32	(NA)	(NA)	2	(D)	1	(D)
Pounds of wool	(X)	220	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	3	2	(NA)	(NA)	2	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	3	3	–	–	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	13	(X)	21	(X)	10	(X)	15	(X)
Chickens 3 months old or older	12	1 004	20	1 270	9	(D)	14	1 103
Hens and pullets of laying age	11	(D)	20	1 264	9	(D)	14	1 103
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)	–	–	1	(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	5	(X)	(NA)	(X)	4	(X)	5	(X)
Sales:								
Any poultry	5	(X)	4	(X)	4	(X)	4	(X)
Chickens 3 months old or older	3	(D)	2	(D)	2	(D)	2	(D)
Hens and pullets of laying age	3	(D)	2	(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	–	–	–	–	–	–	–	–
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)	2	(X)
Poultry and poultry products $1,000	8	(D)	11	6	7	(D)	11	6

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	21	1 034	(X)	–	–	21	1 034	(X)	–	–
	1974	8	492	(X)	(NA)	(NA)	8	492	(X)	–	–
For grain or seed (bushels)	1978	6	223	17 774	–	–	6	223	17 774	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	18	811	7 832	–	–	18	811	7 832	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	(D)	3 794	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(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	7	134	3 891	–	–	7	134	3 891	–	–
	1974	5	42	865	(NA)	(NA)	4	(D)	(D)	–	–
Oats for grain (bushels)	1978	46	1 406	53 532	–	–	36	1 239	48 790	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	39	1 294	44 880	–	–
Barley for grain (bushels)	1978	10	140	5 201	–	–	10	140	5 201	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	32	670	–	–
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	90	(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)	(D)	–	–
	1974	3	7	1 594	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	78	8 375	14 278	–	–	59	7 756	13 694	–	–
	1974	78	6 155	10 336	(NA)	(NA)	53	5 334	9 224	–	–
Alfalfa hay (tons, dry)	1978	43	3 015	6 160	–	–	35	2 863	5 981	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	21	1 243	2 209	–	–
Other tame dry hay (tons, dry) (see text)	1978	46	3 444	4 708	–	–	34	2 994	4 309	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	70	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	49	3 105	–	–
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sweet corn	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	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	–	–	(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	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	838	89 489	872	89 073	623	81 051	619	78 236
Average size of farm	(X)	107	(X)	102	(X)	130	(X)	126
Approximate land area	(X)	307 200	(X)	307 200	(X)	307 200	(X)	307 200
Proportion in farms, percent	(X)	29.1	(X)	29.0	(X)	26.4	(X)	25.5
Value of land and buildings:[1]								
Average per farm, dollars	195 558	(X)	124 413	(X)	222 428	(X)	147 237	(X)
Average per acre, dollars	(X)	1 857	(X)	1 218	(X)	1 738	(X)	1 165
Land in farms according to use:								
Total cropland	817	75 327	849	71 677	613	68 942	611	65 024
Harvested cropland	797	61 443	837	57 135	604	57 920	606	53 448
By acres harvested:								
1 to 9 acres	134	513	134	(NA)	87	306	63	(NA)
10 to 19 acres	123	1 647	131	(NA)	53	715	53	(NA)
20 to 29 acres	81	1 918	112	(NA)	47	1 132	57	(NA)
30 to 49 acres	130	4 880	136	(NA)	93	3 555	112	(NA)
50 to 99 acres	158	10 964	153	(NA)	153	10 691	150	(NA)
100 to 199 acres	89	12 423	106	(NA)	89	12 423	106	(NA)
200 to 499 acres	69	19 578	55	(NA)	69	19 578	55	(NA)
500 to 999 acres	10	6 273	10	(NA)	10	6 273	10	(NA)
1,000 acres or more	3	3 247	–	(NA)	3	3 247	–	(NA)
Cropland used only for pasture	211	4 971	238	6 302	149	3 760	155	4 473
Other cropland	374	8 913	356	8 240	286	7 262	279	7 103
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	64	1 341	(NA)	(NA)	47	1 209	58	801
Cropland on which all crops failed	58	955	(NA)	(NA)	41	738	61	940
Cropland in cultivated summer fallow	125	2 095	(NA)	(NA)	97	1 768	120	2 426
Cropland idle	234	4 522	(NA)	(NA)	184	3 547	126	2 936
Total woodland	305	6 592	318	5 936	249	5 624	220	4 449
Woodland pastured	66	1 299	(NA)	(NA)	55	1 052	73	1 331
Woodland not pastured	248	5 293	(NA)	(NA)	202	4 572	158	3 118
Other land	608	7 570	689	11 460	457	6 485	484	8 763
Pastureland and rangeland, other than cropland and woodland pastured	65	1 499	(NA)	(NA)	48	1 273	72	1 907
Land in house lots, ponds, roads, wasteland, etc	590	6 071	(NA)	(NA)	444	5 212	475	6 856
Pastureland, all types	276	7 769	(NA)	(NA)	198	6 085	(NA)	7 711
Irrigated land	83	1 847	73	1 756	79	1 817	66	1 714
Harvested cropland irrigated	81	1 762	(NA)	(NA)	78	(D)	66	1 714
Pastureland irrigated	1	(D)	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	3	(D)	–	–
Land set aside in the federal farm programs in 1978	134	1 796	(X)	(X)	111	1 670	(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]	838	25 792	872	19 887	623	25 535	619	19 582
Average per farm, dollars	(X)	30 778	(X)	22 806	(X)	40 988	(X)	31 635
Farms by value of agricultural products sold:[1]								
$100,000 or more	51	13 671	30	(NA)	51	13 671	30	(NA)
$40,000 to $99,999	96	6 066	75	(NA)	96	6 066	75	(NA)
$20,000 to $39,999	106	3 004	130	(NA)	106	3 004	130	(NA)
$10,000 to $19,999	95	1 265	144	(NA)	95	1 265	144	(NA)
$5,000 to $9,999	157	1 103	126	(NA)	157	1 103	126	(NA)
$2,500 to $4,999	118	426	104	(NA)	118	426	104	(NA)
Less than $2,500 (see text)	215	257	263	(NA)	(X)	(X)	10	(NA)
$2,000 to $2,499	41	92	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	36	60	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	61	74	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	77	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	713	18 763	783	14 617	565	18 578	(NA)	14 391
Grains	455	4 026	(NA)	(NA)	367	3 925	398	3 518
Commodity Credit Corporation loans	40	123	(NA)	(NA)	35	121	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	161	(D)	(NA)	(NA)	112	(D)	117	300
Vegetables, sweet corn, and melons	160	3 224	(NA)	(NA)	151	3 216	145	2 408
Fruits, nuts, and berries	64	1 700	(NA)	(NA)	47	1 687	45	1 346
Nursery and greenhouse products	106	8 892	112	6 464	94	8 878	96	6 449
Other crops	11	(D)	(NA)	(NA)	11	(D)	14	371
Livestock, poultry, and their products	331	7 029	363	5 262	256	6 958	267	5 184
Poultry and poultry products	60	333	57	226	45	332	38	222
Dairy products	81	3 457	(NA)	(NA)	81	3 457	104	2 730
Cattle and calves	248	2 572	(NA)	(NA)	204	2 526	230	1 755
Hogs and pigs	61	484	(NA)	(NA)	50	480	53	328
Sheep, lambs, and wool	29	19	(NA)	(NA)	14	13	14	17
Other livestock and livestock products (see text)	42	164	(NA)	(NA)	27	150	21	133

[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	838	872	89 489	797	87 900	61 443	83	7 036	4 982	1 847
Farms with —										
1 to 9 acres	71	64	253	59	221	135	16	67	35	30
10 to 49 acres	291	288	7 985	270	7 557	4 619	33	837	455	320
50 to 69 acres	99	103	5 761	98	5 696	3 650	12	697	470	256
70 to 99 acres	107	124	8 837	105	8 678	5 479	4	322	175	68
100 to 139 acres	75	98	8 623	74	8 523	5 276	5	556	406	318
140 to 179 acres	59	56	9 341	57	9 028	6 310	2	(D)	(D)	(D)
180 to 219 acres	33	35	6 483	33	6 483	4 837	4	787	619	211
220 to 259 acres	27	26	6 526	25	6 034	4 258	1	(D)	(D)	(D)
260 to 499 acres	50	66	17 620	50	17 620	12 262	3	1 234	815	310
500 to 999 acres	23	10	13 972	23	13 972	11 370	3	1 980	1 678	220
1,000 to 1,999 acres	3	2	4 088	3	4 088	3 247	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	838	89 489	872	89 073	623	81 051	619	78 236
Harvested cropland	797	61 443	837	57 135	604	57 920	606	53 448
Tenure of operator:								
Full owners	479	30 329	563	36 312	323	25 052	349	26 988
Harvested cropland	446	16 523	(NA)	19 611	306	14 364	(NA)	16 632
Part owners	281	50 381	240	43 318	238	48 166	212	42 227
Harvested cropland	277	38 333	(NA)	31 274	238	37 246	(NA)	30 759
Tenants	78	8 779	69	9 443	62	7 833	58	9 021
Harvested cropland	74	6 587	(NA)	6 250	60	6 310	(NA)	6 057
Type of organization:								
Individual or family	726	69 859	(NA)	(NA)	523	62 036	547	65 258
Partnership	89	18 378	(NA)	(NA)	77	17 763	58	11 056
Corporation	18	854	(NA)	(NA)	18	854	12	(D)
Other — cooperative, estate or trust, institutional, etc.	5	398	(NA)	(NA)	5	398	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	435	498	385	419
Other	403	360	238	186
Operators by age group:				
Under 25 years	13	22	11	15
25 to 34 years	82	65	63	43
35 to 44 years	138	119	103	81
45 to 54 years	197	268	142	192
55 to 64 years	255	242	197	192
65 years and over	153	142	107	82
Average age	52.5	52.6	52.1	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	662	677	492	470
Not on farm operated	98	82	76	61
Not reported	78	99	55	74
Operators reporting days of work off farm:				
None	358	325	307	260
1 to 49 days	51	22	40	18
50 to 99 days	15	13	10	10
100 to 149 days	27	24	19	18
150 to 199 days	27	40	12	24
200 days or more	326	281	207	151

[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	153	1 209	229	1 037	124	1 199	144	1 007
Feed for livestock and poultry	322	1 096	355	971	221	946	236	922
Commercially mixed formula feeds	149	573	212	503	134	567	151	487
Animal health costs	275	120	(NA)	(NA)	215	109	163	65
Seeds, bulbs, plants, and trees	617	1 596	652	766	525	1 581	494	746
Commercial fertilizer	674	1 688	697	1 274	562	1 660	522	1 232
Other agricultural chemicals including lime	639	733	471	390	524	722	396	383
Hired farm labor	390	3 396	284	2 627	341	3 345	241	2 612
Contract labor	19	256	16	18	9	244	13	17
Customwork, machine hire, and rental of machinery and equipment	305	228	277	191	245	211	215	180
Energy and petroleum products	839	2 436	(NA)	(NA)	628	2 366	(NA)	(NA)
Petroleum products	839	1 972	846	1 135	628	1 921	600	1 087
Gasoline	810	722	(NA)	(NA)	616	696	585	507
Diesel fuel	336	266	(NA)	(NA)	286	261	225	132
LP gas, butane, and propane	83	61	(NA)	(NA)	71	54	48	29
Fuel oil	144	475	(NA)	(NA)	112	471	600	418
Natural gas	61	356	(NA)	(NA)	61	356		
Kerosene, motor oil, and grease	839	91	(NA)	(NA)	628	83		
Electricity	621	460	(NA)	(NA)	478	441	(NA)	(NA)
Other — coal, wood, coke, etc.	15	4	(NA)	(NA)	15	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	654	52 821	547	51 448	522	40 513
Cropland fertilized, except pasture	654	52 665	547	51 292	(NA)	40 337
Pasture and rangeland fertilized	17	156	17	156	(NA)	176
Lime	39	1 178	39	1 178	24	652
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	214	13 654	177	13 204	(NA)	6 624
Nematodes in crops	14	709	14	709	6	24
Diseases in crops and orchards	135	6 605	112	6 581	29	795
Weeds, grass, or brush in crops and pasture	457	35 841	386	34 940	(NA)	20 245
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	35	919	35	919	9	550
Insect control on livestock and poultry	125	(X)	108	(X)	33	(X)
Sanitation and rodent and bird control	112	(X)	92	(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	839	833	628	593
$1,000	25 346	16 648	23 121	14 222
Average per farm—dollars	30 209	19 986	36 817	23 983
Farms by value group:				
$1 to $4,999	92	116	46	48
$5,000 to $9,999	111	181	34	96
$10,000 to $19,999	194	235	135	174

	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	111	117	100	104
$30,000 to $49,999	183	120	166	109
$50,000 to $69,999	74	38	73	38
$70,000 to $99,999	32	26	32	24
$100,000 to $199,999	35		35	
$200,000 or more	7		7	

	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	609	803	367	460	285	343	658	909	557
Motortrucks including pickups	716	1 059	391	471	452	588	696	1 008	444
Wheel tractors	786	2 180	257	365	734	1 815	783	2 013	295
Grain and bean combines, self-propelled only	196	198	35	36	162	162	157	165	23
Corn heads for combines	71	73	28	29	43	44	52	54	16
Other cornpickers and picker-shellers	294	296	61	62	233	234	298	317	44
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	250	264	74	81	183	183	201	208	49
Pickup balers	292	293	41	42	251	251	309	313	56
Field forage harvesters, shear bar or flywheel type	141	160	12	12	130	148	123	145	26

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	390	146	(X)	338	(X)	341	241
Workers	1 839	(X)	475	(X)	1 364	1 779	1 785
Farms with—							
1 worker	123	73	73	104	104	85	66
2 workers	78	14	28	80	160	67	33
3 or 4 workers	67	38	127	73	228	67	43
5 to 9 workers	89	12	72	56	333	89	44
10 workers or more	33	9	175	25	539	33	55

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	387	(X)	424	(X)	273	(X)	291	(X)
Any cattle, hogs, or sheep	310	(X)	363	(X)	229	(X)	259	(X)
Sales:								
Any livestock or poultry and their products $1,000	331	7 029	363	5 262	256	6 958	267	5 184
Any cattle, hogs, or sheep $1,000	280	3 074	324	(NA)	224	3 018	246	2 100
CATTLE AND CALVES								
Inventory:								
Cattle and calves	281	9 927	341	12 203	210	9 405	244	11 126
Cows and heifers that had calved	222	4 341	257	5 695	170	4 103	186	5 063
Beef cows	134	1 085	139	1 894	90	891	77	1 351
Milk cows	106	3 256	146	3 801	93	3 212	124	3 712
Heifers and heifer calves	195	3 588	(NA)	(NA)	151	3 471	149	2 814
Steers, steer calves, bulls and bull calves	221	1 998	(NA)	(NA)	162	1 831	181	3 249
Sales:								
Cattle and calves	248	6 578	295	6 053	204	6 380	230	5 697
$1,000	(X)	2 572	(X)	(NA)	(X)	2 526	(X)	1 755
Calves	132	1 781	(NA)	(NA)	115	1 696	109	1 543
$1,000	(X)	201	(X)	(NA)	(X)	191	(X)	88
Cattle	221	4 797	(NA)	(NA)	184	4 684	203	4 154
$1,000	(X)	2 371	(X)	(NA)	(X)	2 335	(X)	1 667
Fattened cattle	104	3 115	(NA)	(NA)	88	3 071	82	2 608
$1,000	(X)	1 546	(X)	(NA)	(X)	1 531	(X)	1 224
Dairy products $1,000	81	3 457	(NA)	(NA)	81	3 457	104	2 730
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	66	2 501	81	4 120	50	2 353	56	3 936
Used or to be used for breeding	41	400	(NA)	(NA)	31	373	27	469
Other hogs and pigs	59	2 101	(NA)	(NA)	44	1 980	53	3 467
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	44	427	32	502	33	401	27	496
Dec. 1 of preceding year and May 31	31	181	23	209	25	173	23	209
June 1 and Nov. 30	34	246	25	293	27	228	20	287
Sheep and lambs	29	640	27	636	16	481	15	370
Ewes 1 year old or older	24	409	(NA)	(NA)	15	295	11	119
Goats	5	62	(NA)	(NA)	3	(D)	1	(D)
Horses and ponies	106	613	99	506	52	286	47	344
Sales:								
Hogs and pigs	61	5 758	66	4 289	50	5 706	53	4 167
$1,000	(X)	484	(X)	(NA)	(X)	480	(X)	328
Feeder pigs	15	2 227	14	402	14	(D)	14	402
$1,000	(X)	111	(X)	(NA)	(X)	(D)	(X)	8
Sheep and lambs	27	313	18	568	13	216	13	506
Sheep and lambs shorn	25	459	(NA)	(NA)	14	315	12	421
Pounds of wool	(X)	4 283	(X)	(NA)	(X)	3 122	(X)	2 809
Sheep, lambs, and wool $1,000	29	19	(NA)	(NA)	14	13	14	17
Goats	3	41	(NA)	(NA)	3	41	–	–
$1,000	(X)	1	(X)	(NA)	(X)	1	(X)	–
Horses and ponies	26	61	16	55	14	42	11	41
$1,000	(X)	94	(X)	(NA)	(X)	84	(X)	24
POULTRY								
Inventory:								
Any poultry	108	(X)	114	(X)	64	(X)	65	(X)
Chickens 3 months old or older	94	32 763	101	27 377	58	31 506	60	25 884
Hens and pullets of laying age	93	32 467	92	26 085	58	(D)	55	24 813
Pullets 3 months old or older	11	296	(NA)	(NA)	3	(D)	5	473
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	26	2 325	18	1 289	11	1 111	10	940
Turkeys	10	118	(NA)	(NA)	5	49	–	–
Turkeys for slaughter	9	(D)	(NA)	(NA)	5	49	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	25	(X)	(NA)	(X)	13	(X)	9	(X)
Sales:								
Any poultry	41	(X)	28	(X)	31	(X)	25	(X)
Chickens 3 months old or older	23	18 363	26	22 942	20	18 291	23	22 884
Hens and pullets of laying age	23	18 363	24	22 492	20	18 291	21	22 434
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	7	1 465	1	(D)	3	(D)	1	(D)
Turkeys	6	157	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	6	157	(NA)	(NA)	3	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	5	(X)	1	(X)
Poultry and poultry products $1,000	60	333	57	226	45	332	38	222

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	392	23 112	(X)	–	–	328	22 412	(X)	–	–
	1974	447	20 159	(X)	(NA)	(NA)	353	19 143	(X)	3	17
For grain or seed (bushels)	1978	372	18 775	1 147 711	–	–	312	18 150	1 117 895	–	–
	1974	425	15 740	881 406	(NA)	(NA)	341	14 890	838 899	3	17
For silage or green chop (tons, green)	1978	122	(D)	34 765	–	–	116	4 262	34 545	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	127	4 219	38 824	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	34	(X)	–	–
Sorghums for all purposes	1978	9	316	(X)	–	–	7	(D)	(X)	–	–
	1974	7	40	(X)	(NA)	(NA)	6	(D)	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	8	(D)	3 355	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	21	161	–	–
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	204	3 965	150 013	–	–	172	3 651	141 028	–	–
	1974	384	8 511	320 019	(NA)	(NA)	311	7 792	296 617	1	(D)
Oats for grain (bushels)	1978	182	3 061	179 008	–	–	159	2 868	169 153	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	182	3 085	140 870	–	–
Barley for grain (bushels)	1978	3	28	1 400	–	–	3	28	1 400	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	6	117	2 472	–	–	6	117	2 472	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	72	1 973	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	11	121	(X)	–	–
Soybeans for beans (bushels)	1978	222	12 990	280 368	1	(D)	194	12 438	274 054	1	(D)
	1974	161	7 198	176 306	(NA)	(NA)	153	7 106	174 457	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	8	(D)	(D)	1	(D)	8	(D)	(D)	1	(D)
	1974	17	484	90 241	(NA)	(NA)	11	482	89 880	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	364	11 685	25 549	1	(D)	259	10 066	22 741	1	(D)
	1974	380	10 802	25 565	(NA)	(NA)	261	9 284	22 975	3	25
Alfalfa hay (tons, dry)	1978	291	7 795	18 725	1	(D)	212	6 784	16 949	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	194	5 661	15 862	3	25
Other tame dry hay (tons, dry) (see text)	1978	87	2 011	3 419	–	–	62	1 562	2 619	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	160	4 369	(X)	33	1 110	151	4 346	(X)	32	(D)
	1974	174	4 117	(X)	(NA)	(NA)	145	4 020	(X)	34	1 195
Sweet corn	1978	69	957	(X)	8	69	64	947	(X)	7	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	62	657	(X)	5	63
Tomatoes	1978	96	261	(X)	9	22	90	259	(X)	9	22
	1974	(NA)	(NA)	(X)	(NA)	(NA)	90	374	(X)	11	94
Green peas excluding cowpeas	1978	4	(D)	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	16	(X)	–	–
Land in orchards	1978	64	1 470	(X)	5	193	40	1 386	(X)	4	(D)
	1974	55	1 539	(X)	(NA)	(NA)	38	1 484	(X)	1	(D)
Apples (pounds)	1978	57	1 216	13 286 425	(NA)	(NA)	37	1 180	13 178 965	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 293	13 582 893	(NA)	(NA)
Peaches (pounds)	1978	20	142	1 152 086	(NA)	(NA)	14	121	1 149 050	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	91	282 700	(NA)	(NA)
Grapes (pounds) (see text)	1978	20	24	61 817	(NA)	(NA)	11	17	60 015	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	10	12 000	(NA)	(NA)
Berries	1978	27	73	(X)	6	26	21	71	(X)	6	26
	1974	23	21	(X)	(NA)	(NA)	17	19	(X)	3	5
Strawberries (pounds)	1978	21	65	181 784	6	(D)	18	64	179 620	6	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	17	19	47 375	3	5
Nursery and greenhouse products	1978	106	1 046	(X)	41	371	94	1 031	(X)	40	(D)
Other crops	1978	11	315	(X)	(NA)	(NA)	11	315	(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	341	57 183	300	55 675	216	43 880	180	40 689
Average size of farm	(X)	168	(X)	186	(X)	203	(X)	226
Approximate land area	(X)	353 920	(X)	353 920	(X)	353 920	(X)	353 920
Proportion in farms — percent	(X)	16.2	(X)	15.7	(X)	12.4	(X)	11.5
Value of land and buildings:[1]								
Average per farm — dollars	98 844	(X)	63 540	(X)	122 555	(X)	81 806	(X)
Average per acre — dollars	(X)	615	(X)	342	(X)	638	(X)	362
Land in farms according to use:								
Total cropland	335	32 494	296	28 715	214	25 740	177	22 071
Harvested cropland	329	19 302	294	16 806	210	16 747	177	13 859
By acres harvested:								
1 to 9 acres	47	280	33	(NA)	15	100	10	(NA)
10 to 19 acres	56	806	53	(NA)	24	346	23	(NA)
20 to 29 acres	44	1 006	45	(NA)	24	562	19	(NA)
30 to 49 acres	81	3 004	72	(NA)	52	1 932	44	(NA)
50 to 99 acres	49	3 431	56	(NA)	43	3 032	49	(NA)
100 to 199 acres	34	4 289	23	(NA)	34	4 289	20	(NA)
200 to 499 acres	12	2 957	8	(NA)	12	2 957	8	(NA)
500 to 999 acres	6	3 529	3	(NA)	6	3 529	3	(NA)
1,000 acres or more	–	–	1	(NA)	–	–	1	(NA)
Cropland used only for pasture	121	4 499	127	5 665	75	2 993	61	3 371
Other cropland	225	8 693	153	6 244	142	6 000	99	4 841
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	92	1 908	(NA)	(NA)	61	1 453	38	1 157
Cropland on which all crops failed	27	345	(NA)	(NA)	15	180	12	155
Cropland in cultivated summer fallow	58	825	(NA)	(NA)	39	525	21	309
Cropland idle	168	5 615	(NA)	(NA)	107	3 842	66	3 220
Total woodland	260	18 380	239	18 996	177	13 473	144	13 258
Woodland pastured	60	2 435	(NA)	(NA)	40	1 749	30	2 023
Woodland not pastured	228	15 945	(NA)	(NA)	159	11 724	125	11 235
Other land	267	6 309	238	7 964	166	4 667	144	5 360
Pastureland and rangeland, other than cropland and woodland pastured	45	1 846	(NA)	(NA)	30	1 483	35	1 837
Land in house lots, ponds, roads, wasteland, etc	261	4 463	(NA)	(NA)	161	3 184	141	3 523
Pastureland, all types	168	8 780	(NA)	(NA)	104	6 225	(NA)	7 231
Irrigated land	65	2 547	43	1 588	59	2 501	39	1 575
Harvested cropland irrigated	64	2 506	(NA)	(NA)	58	(D)	39	1 532
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	(D)
Other land irrigated	5	41	(NA)	(NA)	4	(D)	2	(D)
Land set aside in the federal farm programs in 1978	35	333	(X)	(X)	24	273	(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]	341	9 475	300	5 495	216	9 368	180	5 373
Average per farm — dollars	(X)	27 785	(X)	18 317	(X)	43 371	(X)	29 850
Farms by value of agricultural products sold:[1]								
$100,000 or more	20	5 920	7	(NA)	20	5 920	7	(NA)
$40,000 to $99,999	27	1 779	21	(NA)	27	1 779	21	(NA)
$20,000 to $39,999	23	654	27	(NA)	23	654	27	(NA)
$10,000 to $19,999	26	343	35	(NA)	26	343	35	(NA)
$5,000 to $9,999	64	468	42	(NA)	64	468	42	(NA)
$2,500 to $4,999	56	203	44	(NA)	56	203	44	(NA)
Less than $2,500 (see text)	125	106	124	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	12	26	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	13	22	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	26	31	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	74	28	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	243	8 673	264	4 546	177	8 610	(NA)	4 473
Grains	69	316	(NA)	(NA)	48	305	64	281
Commodity Credit Corporation loans	7	30	(NA)	(NA)	7	30	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	107	293	(NA)	(NA)	68	(D)	50	94
Vegetables, sweet corn, and melons	27	464	(NA)	(NA)	23	462	22	402
Fruits, nuts, and berries	112	6 675	(NA)	(NA)	100	6 660	98	3 148
Nursery and greenhouse products	11	407	9	259	9	(D)	5	258
Other crops	7	518	(NA)	(NA)	7	518	10	291
Livestock, poultry, and their products	160	802	149	825	106	758	87	779
Poultry and poultry products	19	7	24	302	8	(D)	12	300
Dairy products	13	165	(NA)	(NA)	13	165	16	198
Cattle and calves	123	455	(NA)	(NA)	86	420	73	205
Hogs and pigs	29	92	(NA)	(NA)	24	88	15	28
Sheep, lambs, and wool	8	12	(NA)	(NA)	6	(D)	4	9
Other livestock and livestock products (see text)	18	72	(NA)	(NA)	12	68	4	40

[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	341	300	57 183	329	56 398	19 302	65	15 957	6 955	2 547
Farms with—										
1 to 9 acres	9	7	34	5	25	25	–	–	–	–
10 to 49 acres	47	39	1 565	44	1 488	637	3	86	42	29
50 to 69 acres	18	26	1 083	15	904	264	6	364	95	88
70 to 99 acres	64	47	5 121	64	5 121	1 713	8	632	136	104
100 to 139 acres	63	38	7 327	62	7 207	2 450	10	1 106	418	157
140 to 179 acres	39	38	6 062	39	6 062	1 877	5	789	288	124
180 to 219 acres	20	26	3 933	20	3 933	979	6	1 195	381	123
220 to 259 acres	15	15	3 531	15	3 531	803	4	996	265	59
260 to 499 acres	50	53	17 305	49	16 905	5 424	17	5 527	2 670	642
500 to 999 acres	14	8	(D)	14	(D)	(D)	4	(D)	(D)	(D)
1,000 to 1,999 acres	2	2	(D)	2	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	341	57 183	300	55 675	216	43 880	180	40 689
Harvested cropland	329	19 302	294	16 806	210	16 747	177	13 859
Tenure of operator:								
Full owners	241	35 717	230	37 326	140	24 722	125	24 770
Harvested cropland	231	9 557	(NA)	9 808	135	7 447	(NA)	7 318
Part owners	84	18 929	64	17 807	63	16 731	53	(D)
Harvested cropland	82	8 058	(NA)	6 862	62	7 663	(NA)	6 526
Tenants	16	2 537	6	542	13	2 427	2	(D)
Harvested cropland	16	1 687	(NA)	136	13	1 637	(NA)	15
Type of organization:								
Individual or family	302	47 000	(NA)	(NA)	189	34 822	159	32 456
Partnership	26	4 751	(NA)	(NA)	17	3 951	14	4 064
Corporation	10	5 107	(NA)	(NA)	10	5 107	7	4 169
Other—cooperative, estate or trust, institutional, etc.	3	325	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	142	150	118	113
Other	199	143	98	60
Operators by age group:				
Under 25 years	6	1	4	1
25 to 34 years	34	36	23	13
35 to 44 years	79	45	48	26
45 to 54 years	70	69	45	38
55 to 64 years	91	83	63	56
65 years and over	61	59	33	39
Average age	51.4	53.4	50.9	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	260	228	165	141
Not on farm operated	53	30	32	13
Not reported	28	35	19	19
Operators reporting days of work off farm:				
None	105	78	81	59
1 to 49 days	30	25	23	18
50 to 99 days	11	5	6	2
100 to 149 days	9	14	7	8
150 to 199 days	27	22	21	12
200 days or more	151	118	71	47

[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	119	154	90	128	68	133	46	111
Feed for livestock and poultry	162	169	146	372	95	128	84	354
Commercially mixed formula feeds	66	57	85	291	59	53	52	283
Animal health costs	136	26	(NA)	(NA)	87	20	53	7
Seeds, bulbs, plants, and trees	203	251	181	197	152	247	113	191
Commercial fertilizer	246	323	217	351	164	292	141	334
Other agricultural chemicals including lime	193	411	162	390	142	396	116	385
Hired farm labor	141	1 254	125	1 066	120	1 229	102	1 057
Contract labor	46	227	24	271	46	227	20	268
Customwork, machine hire, and rental of machinery and equipment	141	117	129	203	97	108	82	198
Energy and petroleum products	331	517	(NA)	(NA)	213	468	(NA)	(NA)
Petroleum products	331	381	291	293	213	343	172	263
Gasoline	311	239	(NA)	(NA)	198	213	171	179
Diesel fuel	154	93	(NA)	(NA)	104	86	92	43
LP gas, butane, and propane	44	20	(NA)	(NA)	44	20	24	12
Fuel oil	30	4	(NA)	(NA)	24	3	172	30
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	331	27	(NA)	(NA)	213	22		
Electricity	232	130	(NA)	(NA)	172	122	(NA)	(NA)
Other—coal, wood, coke, etc.	25	6	(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		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	240	9 779	163	8 558	141	8 438
Cropland fertilized, except pasture	240	9 173	163	8 058	(NA)	8 427
Pasture and rangeland fertilized	21	606	10	500	(NA)	11
Lime	62	852	35	555	27	644
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	78	2 779	55	2 600	(NA)	4 098
Nematodes in crops	23	585	18	545	9	150
Diseases in crops and orchards	135	6 922	101	6 491	34	2 947
Weeds, grass, or brush in crops and pasture	103	4 385	81	3 814	(NA)	4 282
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	51	2 119	35	1 983	11	666
Insect control on livestock and poultry	25	(X)	8	(X)	8	(X)
Sanitation and rodent and bird control	37	(X)	19	(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	341	292	213	172
$1,000	8 535	4 788	7 409	3 795
Average per farm—dollars	25 030	16 397	34 785	22 064
Farms by value group:				
$1 to $4,999	46	68	7	26
$5,000 to $9,999	117	66	66	27
$10,000 to $19,999	67	76	35	43

	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	54	47	49	41
$30,000 to $49,999	10	21	10	21
$50,000 to $69,999	30	11	30	11
$70,000 to $99,999	1	3	1	3
$100,000 to $199,999	11		10	
$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	199	281	100	119	129	162	214	279	176
Motortrucks including pickups	262	407	141	189	180	218	260	380	133
Wheel tractors	314	716	62	112	289	604	280	598	75
Grain and bean combines, self-propelled only	27	32	5	5	27	27	17	17	4
Corn heads for combines	11	11	–	–	11	11	2	(D)	1
Other cornpickers and picker-shellers	56	56	21	21	35	35	47	48	6
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	79	79	15	15	64	64	47	47	14
Pickup balers	117	117	26	26	91	91	104	106	13
Field forage harvesters, shear bar or flywheel type	59	69	10	10	49	59	35	42	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—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	141	42	(X)	125	(X)	120	102
Workers	1 915	(X)	109	(X)	1 806	1 798	2 321
Farms with—							
1 worker	37	22	22	21	21	32	27
2 workers	8	12	24	13	26	8	3
3 or 4 workers	28	3	10	23	79	28	14
5 to 9 workers	25	3	(D)	26	149	14	15
10 workers or more	43	2	(D)	42	1 531	38	43

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	190	(X)	174	(X)	113	(X)	92	(X)
Any cattle, hogs, or sheep	157	(X)	158	(X)	96	(X)	82	(X)
Sales:								
Any livestock or poultry and their products $1,000	160	802	149	825	106	758	87	779
Any cattle, hogs, or sheep $1,000	141	559	134	(NA)	98	(D)	76	242
CATTLE AND CALVES								
Inventory:								
Cattle and calves	146	2 953	153	3 679	87	2 410	78	2 723
Cows and heifers that had calved	130	1 302	132	1 688	77	1 085	73	1 277
Beef cows	117	1 043	107	1 340	67	832	54	964
Milk cows	22	259	39	348	18	253	28	313
Heifers and heifer calves	117	802	(NA)	(NA)	69	630	61	674
Steers, steer calves, bulls and bull calves	124	849	(NA)	(NA)	77	695	62	772
Sales:								
Cattle and calves	123	1 255	125	1 104	86	1 147	73	905
$1,000	(X)	455	(X)	(NA)	(X)	420	(X)	205
Calves	34	193	(NA)	(NA)	24	173	39	312
$1,000	(X)	49	(X)	(NA)	(X)	45	(X)	28
Cattle	115	1 062	(NA)	(NA)	82	974	64	593
$1,000	(X)	405	(X)	(NA)	(X)	375	(X)	177
Fattened cattle	37	352	(NA)	(NA)	23	322	24	187
$1,000	(X)	172	(X)	(NA)	(X)	161	(X)	62
Dairy products $1,000	13	165	(NA)	(NA)	13	165	16	198
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	31	1 107	38	592	23	1 058	20	478
Used or to be used for breeding	17	139	(NA)	(NA)	13	124	11	56
Other hogs and pigs	29	968	(NA)	(NA)	21	934	19	422
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	22	169	23	97	17	160	13	75
Dec. 1 of preceding year and May 31	17	63	15	44	14	(D)	9	36
June 1 and Nov. 30	17	106	19	53	15	(D)	12	39
Sheep and lambs	9	523	8	547	6	502	6	(D)
Ewes 1 year old or older	8	408	(NA)	(NA)	6	(D)	6	304
Goats	2	(D)	(NA)	(NA)	1	(D)	–	–
Horses and ponies	41	178	33	87	25	99	20	61
Sales:								
Hogs and pigs	29	1 307	29	741	24	1 239	15	624
$1,000	(X)	92	(X)	(NA)	(X)	88	(X)	28
Feeder pigs	9	559	9	217	7	(D)	6	193
$1,000	(X)	18	(X)	(NA)	(X)	(D)	(X)	4
Sheep and lambs	8	203	4	367	6	(D)	4	367
Sheep and lambs shorn	6	398	(NA)	(NA)	6	398	4	420
Pounds of wool	(X)	3 019	(X)	(NA)	(X)	3 019	(X)	3 311
Sheep, lambs, and wool $1,000	8	12	(NA)	(NA)	6	(D)	4	9
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	9	1	(D)	4	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	56	(X)	51	(X)	31	(X)	27	(X)
Chickens 3 months old or older	53	1 848	50	43 039	30	1 091	27	41 635
Hens and pullets of laying age	50	1 625	48	32 634	27	943	25	(D)
Pullets 3 months old or older	10	223	(NA)	(NA)	7	148	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	17	500	4	166	9	256	2	(D)
Turkeys	5	14	(NA)	(NA)	3	(D)	2	(D)
Turkeys for slaughter	4	10	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	3	4	(NA)	(NA)	2	(D)	2	(D)
Other poultry	18	(X)	(NA)	(X)	9	(X)	2	(X)
Sales:								
Any poultry	9	(X)	9	(X)	4	(X)	7	(X)
Chickens 3 months old or older	4	130	8	51 255	3	(D)	7	(D)
Hens and pullets of laying age	4	130	5	20 203	3	(D)	4	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	4	140	1	(D)	1	(D)	–	–
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	–	(X)
Poultry and poultry products $1,000	19	7	24	302	8	(D)	12	300

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	2 792	(X)	–	–	82	2 452	(X)	–	–
	1974	119	1 941	(X)	(NA)	(NA)	67	1 502	(X)	1	(D)
For grain or seed (bushels)	1978	109	2 035	132 305	–	–	67	1 715	120 062	–	–
	1974	98	1 356	73 375	(NA)	(NA)	53	986	54 908	–	–
For silage or green chop (tons, green)	1978	43	757	8 037	–	–	38	737	7 870	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	481	3 874	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	35	(X)	–	–
Sorghums for all purposes	1978	4	16	(X)	–	–	3	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	3	(D)	46	–	–	2	(D)	(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	32	276	5 898	–	–	21	212	4 768	–	–
	1974	64	933	30 308	(NA)	(NA)	45	788	26 564	–	–
Oats for grain (bushels)	1978	40	417	21 690	–	–	30	349	18 835	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	289	11 858	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	7	269	3 901	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	27	349	7 442	2	(D)
Other small grains for grain	1978	3	29	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(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	9	644	183 960	6	641	9	644	183 960	6	641
	1974	11	433	137 891	(NA)	(NA)	9	(D)	(D)	6	419
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	205	7 342	13 804	2	(D)	117	5 561	11 175	2	(D)
	1974	178	5 791	9 169	(NA)	(NA)	88	3 826	6 700	–	–
Alfalfa hay (tons, dry)	1978	184	6 257	12 143	2	(D)	107	4 841	10 062	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	78	3 443	6 091	–	–
Other tame dry hay (tons, dry) (see text)	1978	22	533	895	–	–	17	432	753	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
All vegetables harvested for sale (see text)	1978	27	949	(X)	15	233	23	939	(X)	13	(D)
	1974	36	962	(X)	(NA)	(NA)	22	945	(X)	13	434
Sweet corn	1978	10	67	(X)	6	62	7	62	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	74	(X)	4	59
Tomatoes	1978	6	17	(X)	4	16	6	17	(X)	4	16
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	6	(X)	4	6
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Land in orchards	1978	110	5 399	(X)	27	912	86	5 137	(X)	24	878
	1974	100	4 912	(X)	(NA)	(NA)	86	4 832	(X)	3	93
Apples (pounds)	1978	52	1 974	22 872 747	(NA)	(NA)	42	1 859	22 811 112	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 808	23 282 712	(NA)	(NA)
Peaches (pounds)	1978	37	223	688 044	(NA)	(NA)	29	197	672 388	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	214	733 635	(NA)	(NA)
Grapes (pounds) (see text)	1978	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	33	300	(X)	28	297	32	(D)	(X)	27	(D)
	1974	38	377	(X)	(NA)	(NA)	31	373	(X)	28	365
Strawberries (pounds)	1978	31	290	1 869 299	28	288	30	(D)	(D)	27	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	349	1 809 778	28	343
Nursery and greenhouse products	1978	11	192	(X)	3	11	9	(D)	(X)	3	11
Other crops	1978	5	805	(X)	(NA)	(NA)	5	805	(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	101	27 814	80	24 761	48	17 036	37	15 964
Average size of farm	(X)	275	(X)	310	(X)	355	(X)	431
Approximate land area	(X)	1 169 920	(X)	1 169 920	(X)	1 169 920	(X)	1 169 920
Proportion in farms — percent	(X)	2.4	(X)	2.1	(X)	1.5	(X)	1.4
Value of land and buildings:[1]								
Average per farm — dollars	119 155	(X)	62 500	(X)	115 573	(X)	61 919	(X)
Average per acre — dollars	(X)	433	(X)	202	(X)	326	(X)	144
Land in farms according to use:								
Total cropland	98	10 215	80	9 360	48	6 970	37	6 843
Harvested cropland	94	6 715	76	5 680	48	5 103	37	4 247
By acres harvested:								
1 to 9 acres	12	42	13	(NA)	4	5	3	(NA)
10 to 19 acres	14	163	7	(NA)	2	(D)	1	(NA)
20 to 29 acres	13	295	12	(NA)	3	60	2	(NA)
30 to 49 acres	15	543	14	(NA)	8	282	8	(NA)
50 to 99 acres	22	1 454	12	(NA)	15	1 023	6	(NA)
100 to 199 acres	8	1 121	8	(NA)	7	(D)	8	(NA)
200 to 499 acres	10	3 097	10	(NA)	9	(D)	9	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	57	2 368	51	1 718	26	1 295	29	1 285
Other cropland	36	1 132	26	1 962	18	572	10	1 311
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	21	425	(NA)	(NA)	9	237	2	(D)
Cropland on which all crops failed	5	(D)	(NA)	(NA)	5	(D)	5	(D)
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	3	(D)	3	450
Cropland idle	15	554	(NA)	(NA)	6	186	3	518
Total woodland	82	13 991	65	13 444	41	8 196	31	8 100
Woodland pastured	35	3 089	(NA)	(NA)	16	2 213	23	2 639
Woodland not pastured	72	10 902	(NA)	(NA)	35	5 983	23	5 461
Other land	70	3 608	58	1 957	36	1 870	28	1 021
Pastureland and rangeland, other than cropland and woodland pastured	15	1 758	(NA)	(NA)	6	1 162	8	591
Land in house lots, ponds, roads, wasteland, etc	66	1 850	(NA)	(NA)	35	708	27	430
Pastureland, all types	74	7 215	(NA)	(NA)	31	4 670	(NA)	4 515
Irrigated land	5	15	3	5	1	(D)	2	(D)
Harvested cropland irrigated	5	15	(NA)	(NA)	1	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	3	36	(X)	(X)	3	36	(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]	101	1 594	80	1 136	48	1 392	37	987
Average per farm — dollars	(X)	15 787	(X)	14 200	(X)	29 009	(X)	26 676
Farms by value of agricultural products sold:[1]								
$100,000 or more	5	743	1	(NA)	5	743	1	(NA)
$40,000 to $99,999	4	218	7	(NA)	4	218	7	(NA)
$20,000 to $39,999	7	187	5	(NA)	7	187	5	(NA)
$10,000 to $19,999	10	147	8	(NA)	10	147	8	(NA)
$5,000 to $9,999	5	36	9	(NA)	5	36	9	(NA)
$2,500 to $4,999	17	62	7	(NA)	17	62	7	(NA)
Less than $2,500 (see text)	52	(D)	42	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	4	9	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	3	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	13	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	32	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	52	598	59	(D)	30	513	(NA)	(D)
Grains	11	8	(NA)	(NA)	9	(D)	4	3
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	33	96	(NA)	(NA)	17	71	16	53
Vegetables, sweet corn, and melons	8	45	(NA)	(NA)	4	8	1	(Z)
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	1	(D)	1	(D)
Nursery and greenhouse products	2	(D)	3	(D)	2	(D)	2	(D)
Other crops	18	366	(NA)	(NA)	13	343	13	356
Livestock, poultry, and their products	71	996	55	561	37	879	31	(D)
Poultry and poultry products	15	5	15	12	4	(D)	6	8
Dairy products	22	761	(NA)	(NA)	20	(D)	17	369
Cattle and calves	57	177	(NA)	(NA)	33	125	30	74
Hogs and pigs	10	23	(NA)	(NA)	4	7	4	4
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	1	(D)
Other livestock and livestock products (see text)	12	31	(NA)	(NA)	5	28	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	101	80	27 814	94	27 200	6 715	5	2 524	522	15
Farms with—										
1 to 9 acres	4	1	6	3	5	3	1	(D)	(D)	(D)
10 to 49 acres	10	8	315	10	315	108	–	–	–	–
50 to 69 acres	3	–	183	2	(D)	(D)	–	–	–	–
70 to 99 acres	12	7	965	10	805	332	–	–	–	–
100 to 139 acres	11	8	1 289	9	1 054	367	1	(D)	(D)	(D)
140 to 179 acres	12	7	1 901	11	1 751	231	1	(D)	(D)	(D)
180 to 219 acres	8	10	1 561	8	1 561	452	1	(D)	(D)	(D)
220 to 259 acres	6	6	1 413	6	1 413	319	–	–	–	–
260 to 499 acres	22	23	7 747	22	7 747	2 177	–	–	–	–
500 to 999 acres	9	5	6 366	9	6 366	1 287	–	–	–	–
1,000 to 1,999 acres	3	5	(D)	3	(D)	996	–	–	–	–
2,000 acres or more	1	–	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	101	27 814	80	24 761	48	17 036	37	15 964
Harvested cropland	94	6 715	76	5 680	48	5 103	37	4 247
Tenure of operator:								
Full owners	62	13 513	52	12 953	21	4 836	20	(D)
Harvested cropland	55	2 272	(NA)	2 210	21	1 050	(NA)	1 592
Part owners	33	13 698	24	10 708	24	11 767	16	8 440
Harvested cropland	33	4 086	(NA)	3 312	24	3 746	(NA)	2 629
Tenants	6	603	4	1 100	3	433	1	(D)
Harvested cropland	6	357	(NA)	158	3	307	(NA)	26
Type of organization:								
Individual or family	93	22 863	(NA)	(NA)	43	14 331	32	12 622
Partnership	6	(D)	(NA)	(NA)	4	(D)	3	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	42	47	29	31
Other	59	30	19	4
Operators by age group:				
Under 25 years	1	1	1	–
25 to 34 years	16	9	9	5
35 to 44 years	26	10	12	4
45 to 54 years	28	25	12	10
55 to 64 years	10	15	6	10
65 years and over	20	17	8	6
Average age	48.6	51.4	47.5	51.8

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	87	63	45	33
Not on farm operated	9	6	2	–
Not reported	5	8	1	2
Operators reporting days of work off farm:				
None	41	28	25	17
1 to 49 days	10	3	4	1
50 to 99 days	4	5	2	2
100 to 149 days	2	3	2	1
150 to 199 days	6	2	4	1
200 days or more	38	22	11	2

[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	44	67	24	28	17	55	10	21
Feed for livestock and poultry	71	299	60	177	35	229	31	94
Commercially mixed formula feeds	33	222	31	117	23	176	26	58
Animal health costs	54	15	(NA)	(NA)	28	9	17	3
Seeds, bulbs, plants, and trees	50	24	44	52	27	20	26	48
Commercial fertilizer	56	85	55	82	34	75	33	70
Other agricultural chemicals including lime	41	31	42	23	27	26	25	17
Hired farm labor	32	145	44	139	23	106	26	84
Contract labor	3	1	4	4	2	(D)	2	(D)
Customwork, machine hire, and rental of machinery and equipment	29	17	20	3	17	14	9	1
Energy and petroleum products	101	146	(NA)	(NA)	48	122	(NA)	(NA)
Petroleum products	101	116	80	89	48	96	37	75
Gasoline	98	57	(NA)	(NA)	47	43	36	38
Diesel fuel	34	26	(NA)	(NA)	24	24	20	15
LP gas, butane, and propane	14	7	(NA)	(NA)	13	(D)	7	3
Fuel oil	17	15	(NA)	(NA)	15	(D)	37	18
Natural gas	3	1	(NA)	(NA)	3	1		
Kerosene, motor oil, and grease	101	10	(NA)	(NA)	48	8		
Electricity	73	28	(NA)	(NA)	42	25	(NA)	(NA)
Other—coal, wood, coke, etc.	11	2	(NA)	(NA)	5	1	(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	52	3 003	33	2 439	33	2 201
Cropland fertilized, except pasture	52	2 753	33	(D)	(NA)	2 027
Pasture and rangeland fertilized	5	250	3	(D)	(NA)	174
Lime	13	237	8	192	1	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	14	625	9	589	(NA)	403
Nematodes in crops	2	(D)	1	(D)	–	–
Diseases in crops and orchards	13	410	10	327	5	283
Weeds, grass, or brush in crops and pasture	23	1 952	16	1 842	(NA)	423
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	2	(D)	1	(D)	2	(D)
Insect control on livestock and poultry	20	(X)	12	(X)	6	(X)
Sanitation and rodent and bird control	10	(X)	6	(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	101	79	48	36
$1,000	1 834	1 614	1 386	1 123
Average per farm—dollars	18 162	20 430	28 869	31 194
Farms by value group:				
$1 to $4,999	15	11	3	4
$5,000 to $9,999	37	17	8	4
$10,000 to $19,999	21	26	13	7

	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	12	8	9	7
$30,000 to $49,999	8	11	8	8
$50,000 to $69,999	4	2	3	2
$70,000 to $99,999	1	4	1	4
$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	63	81	44	51	23	30	55	76	44
Motortrucks including pickups	87	137	44	51	57	86	74	139	41
Wheel tractors	93	211	23	28	84	183	77	194	25
Grain and bean combines, self-propelled only	12	12	–	–	12	12	4	4	–
Corn heads for combines	1	(D)	1	(D)	–	–	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	39	41	10	10	29	31	25	25	13
Pickup balers	53	56	11	11	43	45	53	54	6
Field forage harvesters, shear bar or flywheel type	12	14	4	4	9	10	12	13	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	32	10	(X)	28	(X)	23	26
Workers	169	(X)	25	(X)	144	135	166
Farms with—							
1 worker	3	4	4	1	(D)	2	7
2 workers	6	3	6	5	(D)	4	4
3 or 4 workers	5	1	(D)	7	(D)	3	4
5 to 9 workers	14	2	(D)	12	68	10	6
10 workers or more	4	–	–	3	42	4	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	83	(X)	64	(X)	39	(X)	33	(X)
Any cattle, hogs, or sheep	72	(X)	58	(X)	33	(X)	31	(X)
Sales:								
Any livestock or poultry and their products $1,000	71	996	55	561	37	879	31	(D)
Any cattle, hogs, or sheep $1,000	60	199	52	(NA)	33	133	30	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	70	2 038	54	2 328	33	1 597	31	1 833
Cows and heifers that had calved	64	1 161	54	1 207	32	944	31	1 000
Beef cows	47	378	39	569	17	207	17	417
Milk cows	29	783	23	638	22	737	20	583
Heifers and heifer calves	50	590	(NA)	(NA)	27	486	30	629
Steers, steer calves, bulls and bull calves	58	287	(NA)	(NA)	30	167	28	204
Sales:								
Cattle and calves	57	649	48	675	33	512	30	542
$1,000	(X)	177	(X)	(NA)	(X)	125	(X)	74
Calves	39	334	(NA)	(NA)	27	295	24	355
$1,000	(X)	47	(X)	(NA)	(X)	42	(X)	28
Cattle	42	315	(NA)	(NA)	25	217	24	187
$1,000	(X)	129	(X)	(NA)	(X)	83	(X)	45
Fattened cattle	3	(D)	(NA)	(NA)	1	(D)	4	10
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	3
Dairy products $1,000	22	761	(NA)	(NA)	20	(D)	17	369
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	18	359	15	265	5	69	6	99
Used or to be used for breeding	11	43	(NA)	(NA)	2	(D)	5	92
Other hogs and pigs	16	316	(NA)	(NA)	5	(D)	3	7
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	11	56	10	69	2	(D)	5	37
Dec. 1 of preceding year and May 31	10	32	10	39	1	(D)	5	(D)
June 1 and Nov. 30	4	24	7	30	2	(D)	2	(D)
Sheep and lambs	2	(D)	5	17	-	-	1	(D)
Ewes 1 year old or older	..	-	(NA)	(NA)	-	-	-	-
Goats	4	18	(NA)	(NA)	-	-	-	-
Horses and ponies	32	178	17	77	14	46	7	37
Sales:								
Hogs and pigs	10	237	10	435	4	(D)	4	176
$1,000	(X)	23	(X)	(NA)	(X)	7	(X)	4
Feeder pigs	2	(D)	8	224	-	-	4	176
$1,000	(X)	(D)	(X)	(NA)	(X)	-	(X)	4
Sheep and lambs	-	-	-	-	-	-	-	-
Sheep and lambs shorn	-	-	(NA)	(NA)	-	-	1	(D)
Pounds of wool	(X)	-	(X)	(NA)	(X)	-	(X)	(D)
Sheep, lambs, and wool $1,000	-	-	(NA)	(NA)	-	-	1	(D)
Goats	3	6	(NA)	(NA)	-	-	-	-
$1,000	(X)	(Z)	(X)	(NA)	(X)	-	(X)	-
Horses and ponies	8	18	3	11	5	9	1	(D)
$1,000	(X)	31	(X)	(NA)	(X)	28	(X)	(D)
POULTRY								
Inventory:								
Any poultry	24	(X)	20	(X)	7	(X)	7	(X)
Chickens 3 months old or older	24	1 108	19	2 736	7	440	6	1 036
Hens and pullets of laying age	23	1 033	19	2 580	7	440	6	(D)
Pullets 3 months old or older	3	75	(NA)	(NA)	-	-	1	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	-	-	-	-
Broilers and other meat-type chickens	4	50	-	-	1	(D)	-	-
Turkeys	7	42	(NA)	(NA)	2	(D)	3	76
Turkeys for slaughter	6	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	-	-	1	(D)
Other poultry	9	(X)	(NA)	(X)	-	(X)	-	(X)
Sales:								
Any poultry	9	(X)	10	(X)	2	(X)	5	(X)
Chickens 3 months old or older	5	67	8	799	2	(D)	3	(D)
Hens and pullets of laying age	5	67	4	723	2	(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	3	(D)	(NA)	(NA)	1	(D)	3	126
Turkeys for slaughter	3	(D)	(NA)	(NA)	1	(D)	2	(D)
Turkey hens kept for breeding	-	-	(NA)	(NA)	-	-	1	(D)
Other poultry	1	(X)	(NA)	(X)	-	(X)	-	(X)
Poultry and poultry products $1,000	15	5	15	12	4	(D)	6	8

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	342	(X)	-	-	8	(D)	(X)	-	-
	1974	10	254	(X)	(NA)	(NA)	9	(D)	(X)	-	-
For grain or seed (bushels)	1978	1	(D)	(D)	-	-	1	(D)	(D)	-	-
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	-	-
For silage or green chop (tons, green)	1978	10	(D)	3 467	-	-	8	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	212	2 796	-	-
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)	(X)	-	-
	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)	(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	2	(D)	(D)	-	-	-	-	-	-	-
	1974	1	(D)	(D)	(NA)	(NA)	-	-	-	-	-
Oats for grain (bushels)	1978	43	937	46 243	-	-	27	821	42 155	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	799	40 905	-	-
Barley for grain (bushels)	1978	6	140	5 225	-	-	5	(D)	(D)	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	25	845	-	-
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	18	513	92 948	-	-	12	479	86 090	-	-
	1974	18	421	91 835	(NA)	(NA)	13	389	88 905	-	-
Sweetpotatoes (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	81	4 770	7 516	-	-	41	3 362	6 275	-	-
	1974	68	4 216	7 294	(NA)	(NA)	33	2 949	5 572	-	-
Alfalfa hay (tons, dry)	1978	26	1 777	3 530	-	-	17	1 492	3 198	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	1 049	2 600	-	-
Other tame dry hay (tons, dry) (see text)	1978	52	2 238	3 163	-	-	24	1 383	2 367	-	-
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	8	32	(X)	2	(D)	4	14	(X)	-	-
	1974	4	10	(X)	(NA)	(NA)	1	(D)	(X)	-	-
Sweet corn	1978	6	18	(X)	1	(D)	3	(D)	(X)	-	-
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Tomatoes	1978	3	(D)	(X)	-	-	2	(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	5	21	(X)	-	-	2	(D)	(X)	-	-
	1974	7	17	(X)	(NA)	(NA)	2	(D)	(X)	-	-
Apples (pounds)	1978	5	21	(D)	(NA)	(NA)	2	(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	3	(D)	(X)	2	(D)	-	-	(X)	-	-
	1974	1	(D)	(X)	(NA)	(NA)	-	-	(X)	-	-
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products	1978	2	(D)	(X)	1	(D)	2	(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	496	87 234	532	89 911	360	77 178	367	77 495
Average size of farm	(X)	176	(X)	169	(X)	214	(X)	211
Approximate land area	(X)	313 600	(X)	313 600	(X)	313 600	(X)	313 600
Proportion in farms, percent	(X)	27.8	(X)	28.7	(X)	24.6	(X)	24.7
Value of land and buildings:[1]								
Average per farm, dollars	115 105	(X)	61 023	(X)	141 455	(X)	74 695	(X)
Average per acre, dollars	(X)	656	(X)	361	(X)	688	(X)	354
Land in farms according to use:								
Total cropland	487	61 308	525	62 175	354	55 860	360	54 699
Harvested cropland	471	44 755	513	43 296	348	42 370	357	40 393
By acres harvested:								
1 to 9 acres	54	282	48	(NA)	29	143	8	(NA)
10 to 19 acres	69	943	69	(NA)	23	306	24	(NA)
20 to 29 acres	47	1 087	63	(NA)	19	451	21	(NA)
30 to 49 acres	75	2 825	90	(NA)	55	2 068	63	(NA)
50 to 99 acres	89	6 233	118	(NA)	85	6 017	116	(NA)
100 to 199 acres	77	10 500	72	(NA)	77	10 500	72	(NA)
200 to 499 acres	47	14 390	45	(NA)	47	14 390	45	(NA)
500 to 999 acres	12	(D)	7	(NA)	12	(D)	7	(NA)
1,000 acres or more	1	(D)	1	(NA)	1	(D)	1	(NA)
Cropland used only for pasture	172	6 184	251	8 521	118	4 739	150	6 441
Other cropland	273	10 369	255	10 358	202	8 751	177	7 865
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	108	2 869	(NA)	(NA)	82	2 399	64	1 803
Cropland on which all crops failed	29	503	(NA)	(NA)	18	408	26	735
Cropland in cultivated summer fallow	81	2 410	(NA)	(NA)	67	2 191	90	2 599
Cropland idle	147	4 587	(NA)	(NA)	107	3 753	75	2 728
Total woodland	315	15 727	333	17 002	232	12 661	229	13 883
Woodland pastured	63	1 653	(NA)	(NA)	37	1 116	56	2 069
Woodland not pastured	282	14 074	(NA)	(NA)	213	11 545	194	11 814
Other land	389	10 199	423	10 734	287	8 657	297	8 913
Pastureland and rangeland, other than cropland and woodland pastured	60	3 228	(NA)	(NA)	42	2 922	49	1 974
Land in house lots, ponds, roads, wasteland, etc	379	6 971	(NA)	(NA)	282	5 735	289	6 939
Pastureland, all types	226	11 065	(NA)	(NA)	152	8 777	(NA)	10 484
Irrigated land	48	1 949	21	343	48	1 949	13	331
Harvested cropland irrigated	48	(D)	(NA)	(NA)	48	(D)	13	331
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	97	1 935	(X)	(X)	90	1 901	(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]	496	13 355	532	10 070	360	13 222	367	9 871
Average per farm, dollars	(X)	26 926	(X)	18 929	(X)	36 728	(X)	26 896
Farms by value of agricultural products sold:[1]								
$100,000 or more	35	6 262	15	(NA)	35	6 262	15	(NA)
$40,000 to $99,999	57	3 595	62	(NA)	57	3 595	62	(NA)
$20,000 to $39,999	57	1 668	73	(NA)	57	1 668	73	(NA)
$10,000 to $19,999	63	903	77	(NA)	63	903	77	(NA)
$5,000 to $9,999	72	509	75	(NA)	72	509	75	(NA)
$2,500 to $4,999	76	285	61	(NA)	76	285	61	(NA)
Less than $2,500 (see text)	136	133	169	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	22	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	18	31	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	24	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	72	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	365	7 332	457	5 382	293	7 248	(NA)	5 252
Grains	190	1 256	(NA)	(NA)	159	1 227	216	1 236
Commodity Credit Corporation loans	12	113	(NA)	(NA)	12	113	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	140	386	(NA)	(NA)	100	348	119	353
Vegetables, sweet corn, and melons	82	1 254	(NA)	(NA)	77	1 248	57	(D)
Fruits, nuts, and berries	88	4 139	(NA)	(NA)	76	4 129	76	2 554
Nursery and greenhouse products	17	(D)	17	342	15	(D)	13	338
Other crops	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Livestock, poultry, and their products	234	6 023	295	4 534	185	5 974	211	4 465
Poultry and poultry products	23	263	17	185	17	262	12	184
Dairy products	84	3 273	(NA)	(NA)	83	(D)	123	2 936
Cattle and calves	187	2 253	(NA)	(NA)	156	2 224	191	1 179
Hogs and pigs	33	147	(NA)	(NA)	23	143	27	131
Sheep, lambs, and wool	10	29	(NA)	(NA)	9	(D)	6	14
Other livestock and livestock products (see text)	31	58	(NA)	(NA)	17	45	17	21

[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	496	532	87 234	471	85 543	44 755	48	13 424	7 916	1 949
Farms with—										
1 to 9 acres	14	10	65	10	61	36	–	–	–	–
10 to 49 acres	95	87	2 999	86	2 639	1 398	3	72	32	32
50 to 69 acres	33	37	1 937	32	1 869	901	3	172	105	21
70 to 99 acres	81	108	6 422	74	5 872	2 461	1	(D)	(D)	(D)
100 to 139 acres	65	82	7 425	64	7 325	3 106	7	828	378	153
140 to 179 acres	46	42	7 200	44	6 911	3 686	10	1 636	824	127
180 to 219 acres	35	50	6 921	35	6 921	3 411	4	767	515	91
220 to 259 acres	28	27	6 602	28	6 602	3 908	4	941	535	217
260 to 499 acres	65	54	22 014	64	21 694	10 588	9	3 272	1 881	714
500 to 999 acres	31	34	21 147	31	21 147	13 354	6	4 512	3 072	464
1,000 to 1,999 acres	3	1	4 502	3	4 502	1 906	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	496	87 234	532	89 911	360	77 178	367	77 495
Harvested cropland	471	44 755	513	43 296	348	42 370	357	40 393
Tenure of operator:								
Full owners	326	36 264	377	47 265	206	(D)	232	36 159
Harvested cropland	303	14 469	(NA)	18 428	196	(D)	(NA)	15 970
Part owners	152	49 315	146	41 619	138	48 396	126	40 309
Harvested cropland	150	29 039	(NA)	24 306	136	28 758	(NA)	23 861
Tenants	18	1 655	9	1 027	16	(D)	9	1 027
Harvested cropland	18	1 247	(NA)	562	16	(D)	(NA)	562
Type of organization:								
Individual or family	439	71 426	(NA)	(NA)	307	61 470	323	61 256
Partnership	54	14 949	(NA)	(NA)	50	14 849	42	(D)
Corporation	3	859	(NA)	(NA)	3	859	2	(D)
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	261	312	219	254
Other	235	218	141	111
Operators by age group:				
Under 25 years	14	10	12	5
25 to 34 years	62	63	49	55
35 to 44 years	100	50	69	32
45 to 54 years	99	141	72	100
55 to 64 years	143	143	114	100
65 years and over	78	123	44	73
Average age	50.4	53.4	49.6	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	398	446	294	311
Not on farm operated	53	31	33	25
Not reported	45	53	33	29
Operators reporting days of work off farm:				
None	187	194	147	155
1 to 49 days	36	40	34	28
50 to 99 days	19	6	17	4
100 to 149 days	10	20	8	12
150 to 199 days	25	30	15	24
200 days or more	198	166	123	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	81	1 084	159	565	76	1 084	89	542
Feed for livestock and poultry	192	729	278	804	161	722	187	780
Commercially mixed formula feeds	106	330	147	312	101	330	102	301
Animal health costs	141	44	(NA)	(NA)	126	43	137	49
Seeds, bulbs, plants, and trees	343	586	384	255	269	575	283	247
Commercial fertilizer	378	987	390	803	307	959	304	785
Other agricultural chemicals including lime	372	603	283	359	330	596	239	356
Hired farm labor	182	1 114	208	687	182	1 114	178	681
Contract labor	75	154	16	33	69	152	14	(D)
Customwork, machine hire, and rental of machinery and equipment	221	204	230	156	177	194	176	146
Energy and petroleum products	496	763	(NA)	(NA)	363	717	(NA)	(NA)
Petroleum products	496	575	524	549	363	540	360	512
Gasoline	466	301	(NA)	(NA)	344	276	353	342
Diesel fuel	245	178	(NA)	(NA)	224	174	150	93
LP gas, butane, and propane	45	32	(NA)	(NA)	45	32	27	25
Fuel oil	53	18	(NA)	(NA)	48	16		
Natural gas	3	2	(NA)	(NA)	3	2	360	51
Kerosene, motor oil, and grease	496	44	(NA)	(NA)	363	39		
Electricity	362	185	(NA)	(NA)	288	175	(NA)	(NA)
Other—coal, wood, coke, etc.	24	3	(NA)	(NA)	14	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		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	378	35 273	307	33 811	304	24 547
Cropland fertilized, except pasture	378	35 038	307	33 601	(NA)	23 962
Pasture and rangeland fertilized	16	235	11	210	(NA)	585
Lime	74	1 403	74	1 403	44	1 691
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	202	12 855	191	12 603	(NA)	8 160
Nematodes in crops	19	1 266	19	1 266	9	363
Diseases in crops and orchards	104	6 305	99	6 235	39	3 250
Weeds, grass, or brush in crops and pasture	257	24 759	226	24 312	(NA)	12 311
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	48	813	43	778	10	420
Insect control on livestock and poultry	100	(X)	95	(X)	36	(X)
Sanitation and rodent and bird control	98	(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—farms	496	524	363	359
$1,000	15 203	10 754	14 042	9 398
Average per farm—dollars	30 651	20 523	38 682	26 178
Farms by value group:				
$1 to $4,999	30	92	14	37
$5,000 to $9,999	155	99	71	50
$10,000 to $19,999	96	139	74	84
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	61	85	55	82
$30,000 to $49,999	43	61	38	58
$50,000 to $69,999	60	26	60	26
$70,000 to $99,999	18	22	18	22
$100,000 to $199,999	28		28	
$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	397	508	212	252	224	256	447	602	358
Motortrucks including pickups	407	591	168	189	286	402	424	560	218
Wheel tractors	440	1 226	126	187	418	1 039	491	1 166	175
Grain and bean combines, self-propelled only	74	74	10	10	64	64	53	54	15
Corn heads for combines	43	43	11	11	32	32	33	34	16
Other cornpickers and picker-shellers	128	132	30	30	98	102	120	130	23
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	172	185	57	57	120	128	143	153	56
Pickup balers	196	201	31	31	170	170	225	229	41
Field forage harvesters, shear bar or flywheel type	101	106	41	41	62	65	91	107	31

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	182	63	(X)	161	(X)	182	178
Workers	1 611	(X)	95	(X)	1 516	1 611	1 475
Farms with—							
1 worker	44	43	43	33	33	44	46
2 workers	16	11	22	21	42	16	28
3 or 4 workers	51	8	(D)	42	143	51	28
5 to 9 workers	30	1	(D)	24	165	30	27
10 workers or more	41	–	–	41	1 133	41	49

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	264	(X)	314	(X)	184	(X)	213	(X)
Any cattle, hogs, or sheep	226	(X)	289	(X)	167	(X)	202	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	234	6 023	295	4 534	185	5 974	211	4 465
Any cattle, hogs, or sheep ... $1,000	208	2 429	269	(NA)	172	(D)	202	1 324
CATTLE AND CALVES								
Inventory:								
Cattle and calves	210	10 016	275	13 227	153	9 525	193	12 155
Cows and heifers that had calved	160	4 034	230	5 455	120	3 865	168	5 059
Beef cows	75	927	111	1 454	43	791	63	1 138
Milk cows	98	3 107	154	4 001	87	3 074	131	3 921
Heifers and heifer calves	167	3 133	(NA)	(NA)	123	2 985	154	3 602
Steers, steer calves, bulls and bull calves	169	2 849	(NA)	(NA)	122	2 675	136	3 494
Sales:								
Cattle and calves	187	5 288	253	4 467	156	5 171	191	4 172
$1,000	(X)	2 253	(X)	(NA)	(X)	2 224	(X)	1 179
Calves	104	1 010	(NA)	(NA)	85	955	119	1 228
$1,000	(X)	107	(X)	(NA)	(X)	100	(X)	84
Cattle	170	4 278	(NA)	(NA)	148	4 216	168	2 944
$1,000	(X)	2 146	(X)	(NA)	(X)	2 124	(X)	1 095
Fattened cattle	71	3 262	(NA)	(NA)	63	3 251	48	1 592
$1,000	(X)	1 753	(X)	(NA)	(X)	1 749	(X)	636
Dairy products ... $1,000	84	3 273	(NA)	(NA)	83	(D)	123	2 936
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	40	1 219	43	1 756	27	1 158	25	1 666
Used or to be used for breeding	20	172	(NA)	(NA)	15	158	12	161
Other hogs and pigs	38	1 047	(NA)	(NA)	27	1 000	25	1 505
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	21	188	19	170	15	171	14	162
Dec. 1 of preceding year and May 31	13	80	15	104	8	(D)	13	(D)
June 1 and Nov. 30	17	108	13	66	15	(D)	10	(D)
Sheep and lambs	12	903	11	662	10	(D)	7	621
Ewes 1 year old or older	10	462	(NA)	(NA)	9	(D)	7	366
Goats	3	12	(NA)	(NA)	1	(D)	–	–
Horses and ponies	62	253	61	208	29	147	27	104
Sales:								
Hogs and pigs	33	1 893	36	1 872	23	1 809	27	1 801
$1,000	(X)	147	(X)	(NA)	(X)	143	(X)	131
Feeder pigs	11	742	9	190	7	678	7	(D)
$1,000	(X)	29	(X)	(NA)	(X)	26	(X)	3
Sheep and lambs	9	480	6	423	9	480	4	(D)
Sheep and lambs shorn	9	510	(NA)	(NA)	8	(D)	6	664
Pounds of wool	(X)	4 064	(X)	(NA)	(X)	(D)	(X)	5 112
Sheep, lambs, and wool ... $1,000	10	29	(NA)	(NA)	9	(D)	6	14
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	16	53	13	26	6	27	3	9
$1,000	(X)	19	(X)	(NA)	(X)	10	(X)	2
POULTRY								
Inventory:								
Any poultry	55	(X)	72	(X)	30	(X)	36	(X)
Chickens 3 months old or older	48	23 632	69	24 952	29	23 207	34	23 952
Hens and pullets of laying age	46	23 360	67	24 664	27	(D)	34	23 875
Pullets 3 months old or older	9	272	(NA)	(NA)	7	(D)	–	–
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	12	371	6	239	5	106	3	185
Turkeys	5	14	(NA)	(NA)	4	(D)	1	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	10	(X)	(NA)	(X)	3	(X)	2	(X)
Sales:								
Any poultry	17	(X)	9	(X)	13	(X)	8	(X)
Chickens 3 months old or older	10	12 709	9	16 535	8	(D)	8	(D)
Hens and pullets of laying age	10	(D)	9	16 534	8	(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)	–	–	–	–
Broilers and other meat-type chickens	6	162	–	–	3	70	–	–
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	3	(X)	(NA)	(X)	2	(X)	–	(X)
Poultry and poultry products ... $1,000	23	263	17	185	17	262	12	184

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	233	16 006	(X)	7	404	190	15 564	(X)	7	404
	1974	261	12 843	(X)	(NA)	(NA)	213	12 427	(X)	–	–
For grain or seed (bushels)	1978	226	12 983	860 740	7	(D)	184	12 565	842 129	7	(D)
	1974	243	9 631	586 230	(NA)	(NA)	198	9 248	569 600	–	–
For silage or green chop (tons, green)	1978	95	(D)	33 242	3	(D)	93	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	94	2 942	31 114	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	237	(X)	–	–
Sorghums for all purposes	1978	3	23	(X)	–	–	3	23	(X)	–	–
	1974	11	120	(X)	(NA)	(NA)	10	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	3	37	1 525	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	3	23	(D)	–	–	3	23	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	83	542	–	–
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	120	2 669	74 643	–	–	108	2 548	71 713	–	–
	1974	222	4 988	188 746	(NA)	(NA)	167	4 523	172 787	–	–
Oats for grain (bushels)	1978	129	2 200	109 433	–	–	106	2 001	102 028	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	130	1 897	99 986	1	(D)
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	13	197	4 149	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	95	2 928	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	4	31	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	286	14 788	32 741	2	(D)	202	13 345	30 314	2	(D)
	1974	315	14 704	36 364	(NA)	(NA)	217	13 126	33 576	–	–
Alfalfa hay (tons, dry)	1978	258	10 253	24 412	2	(D)	183	9 051	22 246	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	182	9 399	25 342	–	–
Other tame dry hay (tons, dry) (see text)	1978	36	889	1 700	–	–	26	746	1 530	–	–
Field seed crops	1978	4	105	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	244	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	224	14 611	–	–
All vegetables harvested for sale (see text)	1978	82	4 217	(X)	10	476	77	4 203	(X)	10	476
	1974	74	2 503	(X)	(NA)	(NA)	57	2 472	(X)	4	43
Sweet corn	1978	10	39	(X)	1	(D)	8	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	127	(X)	–	–
Tomatoes	1978	4	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	24	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	84	5 305	(X)	28	866	66	5 142	(X)	28	866
	1974	83	5 506	(X)	(NA)	(NA)	69	5 423	(X)	5	206
Apples (pounds)	1978	62	1 593	13 844 316	(NA)	(NA)	51	1 526	13 747 496	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 573	12 579 821	(NA)	(NA)
Peaches (pounds)	1978	39	349	2 092 416	(NA)	(NA)	32	332	2 069 340	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	266	1 905 749	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	2	(D)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	18	99	(X)	6	52	13	96	(X)	6	52
	1974	21	119	(X)	(NA)	(NA)	13	112	(X)	6	58
Strawberries (pounds)	1978	11	57	534 356	6	52	9	(D)	(D)	6	52
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	78	497 531	6	58
Nursery and greenhouse products	1978	17	200	(X)	6	67	15	(D)	(X)	6	67
Other crops	1978	6	522	(X)	(NA)	(NA)	6	522	(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	687	139 885	633	126 297	434	113 150	396	100 956
Average size of farm	(X)	204	(X)	200	(X)	261	(X)	255
Approximate land area	(X)	358 400	(X)	358 400	(X)	358 400	(X)	358 400
Proportion in farms — percent	(X)	39.0	(X)	35.2	(X)	31.6	(X)	28.2
Value of land and buildings:[1]								
Average per farm — dollars	119 596	(X)	58 581	(X)	146 271	(X)	72 684	(X)
Average per acre — dollars	(X)	656	(X)	294	(X)	665	(X)	285
Land in farms according to use:								
Total cropland	675	91 105	624	82 061	425	76 916	390	67 959
Harvested cropland	653	62 277	587	54 081	418	55 975	381	49 462
By acres harvested:								
1 to 9 acres	29	180	47	(NA)	7	30	6	(NA)
10 to 19 acres	90	1 277	74	(NA)	11	175	18	(NA)
20 to 29 acres	85	1 953	70	(NA)	23	544	13	(NA)
30 to 49 acres	104	3 919	104	(NA)	59	2 266	66	(NA)
50 to 99 acres	159	11 163	131	(NA)	139	9 984	118	(NA)
100 to 199 acres	108	15 312	104	(NA)	101	14 503	103	(NA)
200 to 499 acres	64	18 660	50	(NA)	64	18 660	50	(NA)
500 to 999 acres	12	(D)	3	(NA)	12	(D)	3	(NA)
1,000 acres or more	2	(D)	4	(NA)	2	(D)	4	(NA)
Cropland used only for pasture	296	11 632	374	17 148	197	8 476	226	11 039
Other cropland	415	17 196	290	10 832	259	12 465	183	7 458
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	161	4 556	(NA)	(NA)	108	3 648	83	2 782
Cropland on which all crops failed	55	1 318	(NA)	(NA)	37	914	22	533
Cropland in cultivated summer fallow	134	2 812	(NA)	(NA)	88	2 187	77	1 215
Cropland idle	246	8 510	(NA)	(NA)	142	5 716	69	2 928
Total woodland	499	31 200	438	26 025	325	23 422	289	19 809
Woodland pastured	129	5 500	(NA)	(NA)	86	3 883	121	6 807
Woodland not pastured	416	25 700	(NA)	(NA)	274	19 539	232	13 002
Other land	558	17 580	515	18 211	354	12 812	323	13 188
Pastureland and rangeland, other than cropland and woodland pastured	119	5 026	(NA)	(NA)	79	3 826	90	4 209
Land in house lots, ponds, roads, wasteland, etc	543	12 554	(NA)	(NA)	346	8 986	310	8 979
Pastureland, all types	395	22 158	(NA)	(NA)	260	16 185	(NA)	22 055
Irrigated land	16	4 756	10	3 592	16	4 756	10	3 592
Harvested cropland irrigated	15	(D)	(NA)	(NA)	15	(D)	10	3 592
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	219	3 488	(X)	(X)	181	3 278	(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]	687	13 376	633	13 457	434	13 140	396	13 219
Average per farm — dollars	(X)	19 470	(X)	21 259	(X)	30 277	(X)	33 381
Farms by value of agricultural products sold:[1]								
$100,000 or more	26	5 790	15	(NA)	26	5 790	15	(NA)
$40,000 to $99,999	58	3 514	45	(NA)	58	3 514	45	(NA)
$20,000 to $39,999	66	1 885	65	(NA)	66	1 885	65	(NA)
$10,000 to $19,999	54	759	71	(NA)	54	759	71	(NA)
$5,000 to $9,999	112	772	92	(NA)	112	772	92	(NA)
$2,500 to $4,999	118	421	96	(NA)	118	421	96	(NA)
Less than $2,500 (see text)	253	236	249	(NA)	(X)	(X)	12	(NA)
$2,000 to $2,499	29	66	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	27	47	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	56	69	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	141	54	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	450	5 359	466	(D)	331	5 239	(NA)	(D)
Grains	306	1 770	(NA)	(NA)	250	1 722	259	1 783
Commodity Credit Corporation loans	26	167	(NA)	(NA)	21	166	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	258	1 208	(NA)	(NA)	185	1 143	196	688
Vegetables, sweet corn, and melons	26	517	(NA)	(NA)	23	516	17	852
Fruits, nuts, and berries	12	(D)	(NA)	(NA)	7	203	9	145
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	11	1 655	(NA)	(NA)	10	(D)	7	1 858
Livestock, poultry, and their products	415	8 017	447	7 963	304	7 901	316	(D)
Poultry and poultry products	32	(D)	36	557	17	(D)	22	555
Dairy products	129	5 520	(NA)	(NA)	124	5 519	156	4 017
Cattle and calves	349	1 465	(NA)	(NA)	266	1 382	291	3 048
Hogs and pigs	77	383	(NA)	(NA)	54	367	54	203
Sheep, lambs, and wool	5	(D)	(NA)	(NA)	2	(D)	7	18
Other livestock and livestock products (see text)	37	192	(NA)	(NA)	16	183	13	(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	687	633	139 885	653	136 320	62 277	16	9 672	6 555	4 756
Farms with—										
1 to 9 acres	8	3	18	3	13	12	1	(D)	(D)	(D)
10 to 49 acres	66	73	2 353	57	2 095	899	–	–	–	–
50 to 69 acres	30	20	1 782	27	1 605	685	1	(D)	(D)	(D)
70 to 99 acres	135	110	10 934	131	10 629	4 299	–	–	–	–
100 to 139 acres	95	79	11 137	92	10 787	4 633	2	(D)	(D)	(D)
140 to 179 acres	69	79	10 772	66	10 336	4 094	–	–	–	–
180 to 219 acres	65	67	12 874	62	12 274	4 898	–	–	–	–
220 to 259 acres	45	54	10 710	43	10 246	4 298	–	–	–	–
260 to 499 acres	125	115	43 115	124	42 815	18 796	4	1 287	783	302
500 to 999 acres	45	28	30 222	44	29 552	15 476	5	3 597	2 388	1 698
1,000 to 1,999 acres	4	4	5 968	4	5 968	4 187	3	4 496	3 207	2 687
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	687	139 885	633	126 297	434	113 150	396	100 956
Harvested cropland	653	62 277	587	54 081	418	55 975	381	49 462
Tenure of operator:								
Full owners	480	75 031	464	69 788	251	51 720	237	45 127
Harvested cropland	451	25 861	(NA)	21 795	239	20 675	(NA)	17 388
Part owners	186	59 435	150	50 159	170	57 418	143	49 635
Harvested cropland	182	33 131	(NA)	28 157	166	32 270	(NA)	28 058
Tenants	21	5 419	19	6 350	13	4 012	16	6 194
Harvested cropland	20	3 285	(NA)	4 129	13	3 030	(NA)	4 016
Type of organization:								
Individual or family	623	114 889	(NA)	(NA)	382	89 551	360	85 640
Partnership	60	21 919	(NA)	(NA)	48	20 522	32	10 894
Corporation	2	(D)	(NA)	(NA)	2	(D)	4	4 422
Other—cooperative, estate or trust, institutional, etc.	2	(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	275	310	244	253
Other	412	319	190	139
Operators by age group:				
Under 25 years	12	23	10	16
25 to 34 years	94	75	67	56
35 to 44 years	146	127	99	70
45 to 54 years	165	164	92	87
55 to 64 years	151	140	104	100
65 years and over	119	100	62	63
Average age	50.3	49.9	48.9	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	570	498	370	320
Not on farm operated	54	44	31	29
Not reported	63	87	33	43
Operators reporting days of work off farm:				
None	236	196	174	163
1 to 49 days	36	27	30	20
50 to 99 days	18	13	11	8
100 to 149 days	22	18	17	10
150 to 199 days	37	33	22	23
200 days or more	311	275	156	112

[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	235	531	255	1 232	170	503	167	1 182
Feed for livestock and poultry	371	1 570	418	1 473	253	1 544	266	1 440
Commercially mixed formula feeds	174	841	261	625	154	833	184	613
Animal health costs	338	108	(NA)	(NA)	253	99	200	98
Seeds, bulbs, plants, and trees	478	528	430	493	326	494	325	484
Commercial fertilizer	481	1 007	424	947	336	948	299	919
Other agricultural chemicals including lime	397	314	284	275	302	303	243	271
Hired farm labor	187	859	188	612	150	816	153	600
Contract labor	24	5	10	12	18	4	7	12
Customwork, machine hire, and rental of machinery and equipment	284	220	240	171	178	192	166	162
Energy and petroleum products	682	1 111	(NA)	(NA)	434	1 022	(NA)	(NA)
Petroleum products	677	736	620	579	434	666	394	524
Gasoline	648	437	(NA)	(NA)	410	381	389	328
Diesel fuel	253	185	(NA)	(NA)	219	180	176	136
LP gas, butane, and propane	32	25	(NA)	(NA)	32	25	33	15
Fuel oil	46	16	(NA)	(NA)	31	15		
Natural gas	24	19	(NA)	(NA)	24	19	394	45
Kerosene, motor oil, and grease	677	53	(NA)	(NA)	434	45		
Electricity	446	354	(NA)	(NA)	324	338	(NA)	(NA)
Other—coal, wood, coke, etc.	43	22	(NA)	(NA)	27	18	(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	480	34 550	335	31 918	299	28 724
Cropland fertilized, except pasture	480	34 258	335	31 626	(NA)	28 342
Pasture and rangeland fertilized	10	292	10	292	(NA)	382
Lime	114	4 031	99	3 881	45	1 788
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	66	6 897	61	6 872	(NA)	7 649
Nematodes in crops	31	1 406	21	1 296	–	–
Diseases in crops and orchards	26	3 266	21	3 216	6	917
Weeds, grass, or brush in crops and pasture	329	20 445	239	19 202	(NA)	17 083
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	18	1 185	18	1 185	1	(D)
Insect control on livestock and poultry	145	(X)	105	(X)	36	(X)
Sanitation and rodent and bird control	74	(X)	49	(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	687	614	434	389
$1,000	16 732	11 535	14 970	9 791
Average per farm—dollars	24 355	18 787	34 494	25 170
Farms by value group:				
$1 to $4,999	131	128	61	40
$5,000 to $9,999	207	156	44	77
$10,000 to $19,999	145	147	135	100

	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	81	80	76	71
$30,000 to $49,999	50	66	45	64
$50,000 to $69,999	14	19	14	19
$70,000 to $99,999	41		41	
$100,000 to $199,999	11	18	11	18
$200,000 or more	7		7	

	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	488	702	283	344	273	358	509	648	375
Motortrucks including pickups	553	724	254	300	356	424	476	630	285
Wheel tractors	645	1 420	77	123	633	1 297	567	1 280	158
Grain and bean combines, self-propelled only	94	97	10	11	84	86	65	71	8
Corn heads for combines	59	60	5	6	54	54	32	34	8
Other cornpickers and picker-shellers	252	259	39	40	213	219	231	235	31
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	249	251	87	89	162	162	199	203	60
Pickup balers	270	280	85	87	193	193	311	321	57
Field forage harvesters, shear bar or flywheel type	145	164	37	38	110	126	144	168	50

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	187	55	(X)	160	(X)	150	153
Workers	741	(X)	144	(X)	597	689	805
Farms with—							
1 worker	76	25	25	74	74	54	50
2 workers	48	14	28	40	80	33	28
3 or 4 workers	22	14	(D)	9	36	22	39
5 to 9 workers	17	–	–	13	68	17	20
10 workers or more	24	2	(D)	24	339	24	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	485	(X)	489	(X)	318	(X)	317	(X)
Any cattle, hogs, or sheep	424	(X)	461	(X)	293	(X)	309	(X)
Sales:								
Any livestock or poultry and their products $1,000	415	8 017	447	7 963	304	7 901	316	(D)
Any cattle, hogs, or sheep $1,000	390	(D)	425	(NA)	293	(D)	309	3 269
CATTLE AND CALVES								
Inventory:								
Cattle and calves	389	15 436	446	20 700	267	14 173	301	18 787
Cows and heifers that had calved	323	7 158	353	7 985	232	6 656	253	7 295
Beef cows	192	2 073	197	2 748	115	1 634	121	2 153
Milk cows	156	5 085	191	5 237	131	5 022	156	5 142
Heifers and heifer calves	318	5 095	(NA)	(NA)	235	4 758	239	5 236
Steers, steer calves, bulls and bull calves	325	3 183	(NA)	(NA)	230	2 759	254	6 256
Sales:								
Cattle and calves	349	4 977	400	9 563	266	4 692	291	8 969
$1,000	(X)	1 465	(X)	(NA)	(X)	1 382	(X)	3 048
Calves	173	1 992	(NA)	(NA)	149	1 906	163	1 751
$1,000	(X)	202	(X)	(NA)	(X)	189	(X)	117
Cattle	309	2 985	(NA)	(NA)	238	2 786	243	7 218
$1,000	(X)	1 263	(X)	(NA)	(X)	1 193	(X)	2 932
Fattened cattle	110	933	(NA)	(NA)	81	866	70	4 799
$1,000	(X)	425	(X)	(NA)	(X)	398	(X)	2 182
Dairy products $1,000	129	5 520	(NA)	(NA)	124	5 519	156	4 017
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	97	3 183	89	2 802	61	2 856	55	2 632
Used or to be used for breeding	61	585	(NA)	(NA)	40	516	25	340
Other hogs and pigs	85	2 598	(NA)	(NA)	55	2 340	54	2 292
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	63	596	43	357	42	530	34	345
Dec. 1 of preceding year and May 31	45	302	26	194	30	264	21	188
June 1 and Nov. 30	47	294	30	163	34	266	25	157
Sheep and lambs	5	507	13	1 458	2	(D)	8	1 234
Ewes 1 year old or older	5	337	(NA)	(NA)	2	(D)	8	864
Goats	3	5	(NA)	(NA)	2	(D)	4	25
Horses and ponies	126	457	109	330	59	223	47	153
Sales:								
Hogs and pigs	77	5 119	68	3 862	54	4 788	54	3 764
$1,000	(X)	383	(X)	(NA)	(X)	367	(X)	203
Feeder pigs	25	1 931	17	1 737	16	1 751	15	(D)
$1,000	(X)	86	(X)	(NA)	(X)	80	(X)	37
Sheep and lambs	5	155	7	593	2	(D)	4	552
Sheep and lambs shorn	5	384	(NA)	(NA)	2	(D)	6	574
Pounds of wool	(X)	2 731	(X)	(NA)	(X)	(D)	(X)	5 090
Sheep, lambs, and wool $1,000	5	(D)	(NA)	(NA)	2	(D)	7	18
Goats	–	–	(NA)	(NA)	–	–	2	(D)
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	22	46	18	39	10	29	8	11
$1,000	(X)	18	(X)	(NA)	(X)	13	(X)	4
POULTRY								
Inventory:								
Any poultry	92	(X)	106	(X)	46	(X)	45	(X)
Chickens 3 months old or older	79	(D)	105	56 708	39	(D)	45	54 963
Hens and pullets of laying age	78	(D)	98	56 084	38	(D)	45	54 902
Pullets 3 months old or older	10	814	(NA)	(NA)	7	(D)	–	–
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	19	756	13	443	9	412	7	396
Turkeys	5	13	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	24	(X)	(NA)	(X)	12	(X)	3	(X)
Sales:								
Any poultry	17	(X)	15	(X)	10	(X)	7	(X)
Chickens 3 months old or older	9	(D)	15	(D)	6	(D)	7	(D)
Hens and pullets of laying age	9	(D)	15	(D)	6	(D)	7	(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	5	307	1	(D)	3	(D)	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	32	(D)	36	557	17	(D)	22	555

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	418	21 246	(X)	7	679	316	20 161	(X)	7	679
	1974	387	18 810	(X)	(NA)	(NA)	294	17 962	(X)	5	880
For grain or seed (bushels)	1978	385	16 119	1 054 483	7	(D)	289	15 233	1 012 278	7	(D)
	1974	341	12 717	682 854	(NA)	(NA)	266	12 068	653 082	3	235
For silage or green chop (tons, green)	1978	163	(D)	44 817	1	(D)	149	4 928	43 677	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	142	5 818	59 029	3	645
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	76	(X)	–	–
Sorghums for all purposes	1978	13	121	(X)	–	–	11	(D)	(X)	–	–
	1974	11	114	(X)	(NA)	(NA)	9	(D)	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	13	121	857	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	(D)	1 016	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	110	2 225	66 320	1	(D)	94	2 058	62 812	1	(D)
	1974	220	4 484	161 128	(NA)	(NA)	181	4 174	152 819	1	(D)
Oats for grain (bushels)	1978	160	2 628	104 568	1	(D)	128	2 338	93 371	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	120	1 980	83 880	1	(D)
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	26	424	8 854	–	–	15	242	5 888	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	259	6 586	–	–
Other small grains for grain	1978	3	14	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	5	171	(D)	–	–	4	(D)	(D)	–	–
	1974	3	45	256	(NA)	(NA)	2	(D)	(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	15	1 611	487 977	6	1 600	11	1 601	487 450	6	1 600
	1974	10	1 520	362 726	(NA)	(NA)	9	(D)	(D)	5	1 514
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	560	31 385	62 548	4	704	357	26 768	56 509	4	704
	1974	492	23 717	48 766	(NA)	(NA)	322	20 421	44 168	1	(D)
Alfalfa hay (tons, dry)	1978	520	25 465	54 137	4	638	333	21 498	48 815	4	638
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	279	15 376	35 507	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	58	1 794	2 399	1	(D)	39	1 545	2 104	1	(D)
Field seed crops	1978	5	141	(X)	–	–	5	141	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	39	510	(X)	–	–
Alfalfa seed (pounds)	1978	3	70	2 460	–	–	3	70	2 460	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Red clover seed (pounds)	1978	4	71	5 688	–	–	4	71	5 688	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	37	466	37 617	–	–
All vegetables harvested for sale (see text)	1978	26	1 016	(X)	5	361	23	1 008	(X)	5	361
	1974	23	1 436	(X)	(NA)	(NA)	17	1 428	(X)	3	393
Sweet corn	1978	6	15	(X)	1	(D)	3	9	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Tomatoes	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	523	(X)	2	(D)
Green peas excluding cowpeas	1978	3	310	(X)	3	310	3	310	(X)	3	310
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Land in orchards	1978	15	367	(X)	1	(D)	6	302	(X)	1	(D)
	1974	18	503	(X)	(NA)	(NA)	9	463	(X)	–	–
Apples (pounds)	1978	10	126	(D)	(NA)	(NA)	4	105	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	160	(NA)	(NA)	(NA)
Peaches (pounds)	1978	5	(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	4	1	850	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	7	(X)	2	(D)	3	(D)	(X)	2	(D)
	1974	5	7	(X)	(NA)	(NA)	3	(D)	(X)	2	(D)
Strawberries (pounds)	1978	2	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
Other crops	1978	25	2 542	(X)	(NA)	(NA)	25	2 542	(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	488	146 332	488	144 844	360	126 928	371	126 737
Average size of farm	(X)	300	(X)	297	(X)	353	(X)	342
Approximate land area	(X)	664 320	(X)	664 320	(X)	664 320	(X)	664 320
Proportion in farms, percent	(X)	22.0	(X)	21.8	(X)	19.1	(X)	19.1
Value of land and buildings:[1]								
Average per farm, dollars	111 659	(X)	67 973	(X)	130 012	(X)	78 210	(X)
Average per acre, dollars	(X)	371	(X)	229	(X)	372	(X)	229
Land in farms according to use:								
Total cropland	483	74 716	474	68 573	356	67 785	360	60 921
Harvested cropland	472	56 451	455	48 733	350	52 805	352	45 415
By acres harvested:								
1 to 9 acres	12	75	20	(NA)	2	(D)	5	(NA)
10 to 19 acres	36	500	35	(NA)	5	67	8	(NA)
20 to 29 acres	48	1 125	25	(NA)	18	437	9	(NA)
30 to 49 acres	72	2 688	68	(NA)	40	1 496	48	(NA)
50 to 99 acres	123	8 501	136	(NA)	105	7 333	112	(NA)
100 to 199 acres	91	12 822	95	(NA)	90	(D)	94	(NA)
200 to 499 acres	74	21 491	70	(NA)	74	21 491	70	(NA)
500 to 999 acres	16	9 249	6	(NA)	16	9 249	6	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	295	12 882	343	14 280	223	10 819	262	11 652
Other cropland	171	5 383	140	5 560	125	4 161	100	3 854
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	44	954	(NA)	(NA)	34	687	28	865
Cropland on which all crops failed	23	293	(NA)	(NA)	20	268	31	456
Cropland in cultivated summer fallow	34	798	(NA)	(NA)	21	641	19	1 113
Cropland idle	115	3 338	(NA)	(NA)	85	2 565	50	1 420
Total woodland	417	60 885	412	64 917	309	50 308	315	56 303
Woodland pastured	142	10 317	(NA)	(NA)	116	8 790	124	10 125
Woodland not pastured	369	50 568	(NA)	(NA)	271	41 518	280	46 178
Other land	331	10 731	356	11 354	242	8 835	283	9 513
Pastureland and rangeland, other than cropland and woodland pastured	74	5 004	(NA)	(NA)	55	4 458	76	3 567
Land in house lots, ponds, roads, wasteland, etc	324	5 727	(NA)	(NA)	238	4 377	277	5 946
Pastureland, all types	369	28 203	(NA)	(NA)	280	24 067	(NA)	25 344
Irrigated land	7	158	6	51	5	(D)	5	(D)
Harvested cropland irrigated	5	(D)	(NA)	(NA)	5	(D)	5	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	86	1 846	(X)	(X)	84	(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]	488	12 965	488	9 142	360	12 827	371	9 016
Average per farm, dollars	(X)	26 567	(X)	18 734	(X)	35 631	(X)	24 302
Farms by value of agricultural products sold:[1]								
$100,000 or more	27	4 670	11	(NA)	27	4 670	11	(NA)
$40,000 to $99,999	75	4 570	46	(NA)	75	4 570	46	(NA)
$20,000 to $39,999	67	1 993	87	(NA)	67	1 993	87	(NA)
$10,000 to $19,999	62	927	89	(NA)	62	927	89	(NA)
$5,000 to $9,999	58	408	77	(NA)	58	408	77	(NA)
$2,500 to $4,999	71	259	57	(NA)	71	259	57	(NA)
Less than $2,500 (see text)	128	138	121	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	16	36	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	27	47	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	27	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	58	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	231	1 416	263	(D)	171	1 342	(NA)	(D)
Grains	107	427	(NA)	(NA)	83	409	81	322
Commodity Credit Corporation loans	9	66	(NA)	(NA)	9	66	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	180	788	(NA)	(NA)	134	735	148	527
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	4	2
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	2	(D)	8	14
Nursery and greenhouse products	1	(D)	2	(D)	1	(D)	2	(D)
Other crops	4	17	(NA)	(NA)	3	(D)	6	22
Livestock, poultry, and their products	383	11 549	420	7 902	320	11 486	339	(D)
Poultry and poultry products	21	(D)	25	215	15	(D)	21	215
Dairy products	207	8 438	(NA)	(NA)	204	8 434	245	5 609
Cattle and calves	346	1 810	(NA)	(NA)	300	1 768	323	1 030
Hogs and pigs	37	122	(NA)	(NA)	28	115	29	31
Sheep, lambs, and wool	8	(D)	(NA)	(NA)	6	(D)	5	(D)
Other livestock and livestock products (see text)	25	982	(NA)	(NA)	17	976	21	959

[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	488	488	146 332	472	143 969	56 451	7	2 838	1 124	158
Farms with—										
1 to 9 acres	2	7	(D)	1	(D)	(D)	–	–	–	–
10 to 49 acres	29	24	(D)	26	(D)	(D)	3	97	32	4
50 to 69 acres	6	3	335	5	285	129	–	–	–	–
70 to 99 acres	45	37	3 593	44	3 515	1 252	–	–	–	–
100 to 139 acres	44	46	5 266	44	5 266	2 039	–	–	–	–
140 to 179 acres	53	55	8 297	51	7 997	2 770	1	(D)	(D)	(D)
180 to 219 acres	65	57	12 920	62	12 340	4 212	–	–	–	–
220 to 259 acres	40	43	9 458	36	8 498	2 795	–	–	–	–
260 to 499 acres	123	147	43 680	122	43 380	16 814	1	(D)	(D)	(D)
500 to 999 acres	70	57	46 713	70	46 713	21 011	1	(D)	(D)	(D)
1,000 to 1,999 acres	11	12	15 053	11	15 053	4 938	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	488	146 332	488	144 844	360	126 928	371	126 737
Harvested cropland	472	56 451	455	48 733	350	52 805	352	45 415
Tenure of operator:								
Full owners	297	65 553	311	70 364	182	47 574	199	53 235
Harvested cropland	281	19 285	(NA)	18 366	172	15 974	(NA)	15 224
Part owners	182	79 519	167	73 014	172	78 294	162	72 036
Harvested cropland	182	36 417	(NA)	29 564	172	36 147	(NA)	29 388
Tenants	9	1 260	10	1 466	6	1 060	10	1 466
Harvested cropland	9	749	(NA)	803	6	684	(NA)	803
Type of organization:								
Individual or family	445	123 391	(NA)	(NA)	321	104 749	343	113 023
Partnership	38	20 547	(NA)	(NA)	34	19 785	24	11 639
Corporation	5	2 394	(NA)	(NA)	5	2 394	4	2 075
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	272	330	249	307
Other	216	154	111	60
Operators by age group:				
Under 25 years	12	8	8	8
25 to 34 years	66	41	53	32
35 to 44 years	100	85	77	66
45 to 54 years	124	112	90	85
55 to 64 years	119	177	91	141
65 years and over	67	61	41	35
Average age	49.5	51.8	48.8	51.1

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	418	418	310	318
Not on farm operated	31	21	23	18
Not reported	39	45	27	31
Operators reporting days of work off farm:				
None	222	208	193	189
1 to 49 days	22	24	17	13
50 to 99 days	14	15	11	13
100 to 149 days	15	14	10	12
150 to 199 days	27	25	18	20
200 days or more	172	134	96	59

[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	168	516	150	279	130	485	97	254
Feed for livestock and poultry	390	2 580	405	1 910	309	2 539	322	1 876
Commercially mixed formula feeds	254	1 795	251	835	220	1 778	206	819
Animal health costs	350	134	(NA)	(NA)	307	130	243	73
Seeds, bulbs, plants, and trees	285	270	318	175	253	266	280	172
Commercial fertilizer	390	842	364	531	316	813	305	519
Other agricultural chemicals including lime	284	164	195	71	254	160	185	70
Hired farm labor	196	784	151	408	177	777	128	403
Contract labor	26	18	10	8	8	11	9	(D)
Customwork, machine hire, and rental of machinery and equipment	225	108	215	90	191	104	179	82
Energy and petroleum products	490	981	(NA)	(NA)	360	937	(NA)	(NA)
Petroleum products	490	710	486	511	360	678	369	477
Gasoline	473	395	(NA)	(NA)	354	372	366	340
Diesel fuel	228	180	(NA)	(NA)	210	179	181	81
LP gas, butane, and propane	56	31	(NA)	(NA)	56	31	47	19
Fuel oil	76	31	(NA)	(NA)	67	30		
Natural gas	17	20	(NA)	(NA)	9	17	369	37
Kerosene, motor oil, and grease	490	52	(NA)	(NA)	360	49		
Electricity	399	262	(NA)	(NA)	312	250	(NA)	(NA)
Other—coal, wood, coke, etc.	31	9	(NA)	(NA)	31	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	382	37 766	311	36 627	305	24 063
Cropland fertilized, except pasture	382	36 984	311	35 845	(NA)	23 085
Pasture and rangeland fertilized	29	782	29	782	(NA)	978
Lime	15	176	12	158	6	32
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	67	5 188	64	5 095	(NA)	1 725
Nematodes in crops	5	240	5	240	–	–
Diseases in crops and orchards	10	116	7	113	3	102
Weeds, grass, or brush in crops and pasture	241	15 824	217	15 491	(NA)	8 217
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	60	4	60	6	205
Insect control on livestock and poultry	163	(X)	149	(X)	45	(X)
Sanitation and rodent and bird control	84	(X)	78	(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	490	484	360	367
$1,000	16 776	10 386	15 853	9 276
Average per farm—dollars	34 238	21 459	44 036	25 275
Farms by value group:				
$1 to $4,999	67	77	51	38
$5,000 to $9,999	118	81	26	50
$10,000 to $19,999	82	134	60	99
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	17	92	17	84
$30,000 to $49,999	87	58	87	54
$50,000 to $69,999	33	22	33	22
$70,000 to $99,999	33	20	33	20
$100,000 to $199,999	47		47	
$200,000 or more	6		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	408	564	171	219	290	345	427	557	261
Motortrucks including pickups	415	588	176	178	294	410	391	485	140
Wheel tractors	479	1 310	132	182	469	1 128	467	1 179	159
Grain and bean combines, self-propelled only	116	121	14	14	102	107	84	84	14
Corn heads for combines	39	44	9	12	31	32	26	28	14
Other cornpickers and picker-shellers	86	86	9	9	77	77	57	59	12
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	284	305	76	76	217	229	237	241	85
Pickup balers	358	371	60	60	302	311	342	352	70
Field forage harvesters, shear bar or flywheel type	177	221	25	25	157	196	180	201	47

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	196	83	(X)	163	(X)	177	128
Workers	710	(X)	165	(X)	545	641	641
Farms with—							
1 worker	39	27	27	35	35	39	31
2 workers	45	45	90	48	96	42	29
3 or 4 workers	73	7	23	54	182	60	35
5 to 9 workers	35	4	25	22	152	32	22
10 workers or more	4	–	–	4	80	4	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	411	(X)	428	(X)	320	(X)	335	(X)
Any cattle, hogs, or sheep	382	(X)	408	(X)	307	(X)	327	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	383	11 549	420	7 902	320	11 486	339	(D)
Any cattle, hogs, or sheep ... $1,000	364	(D)	396	(NA)	312	(D)	331	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	365	19 170	402	21 680	295	18 503	321	20 469
Cows and heifers that had calved	328	9 816	366	10 558	269	9 516	302	10 010
Beef cows	131	1 858	144	2 562	84	1 595	93	2 091
Milk cows	225	7 958	263	7 996	210	7 921	246	7 919
Heifers and heifer calves	315	7 128	(NA)	(NA)	266	6 950	280	6 873
Steers, steer calves, bulls and bull calves	270	2 226	(NA)	(NA)	210	2 037	228	3 586
Sales:								
Cattle and calves	346	7 218	387	7 849	300	7 030	323	7 446
$1,000	(X)	1 810	(X)	(NA)	(X)	1 768	(X)	1 030
Calves	245	3 919	(NA)	(NA)	225	3 824	265	4 795
$1,000	(X)	415	(X)	(NA)	(X)	403	(X)	243
Cattle	301	3 299	(NA)	(NA)	266	3 206	293	2 651
$1,000	(X)	1 395	(X)	(NA)	(X)	1 365	(X)	787
Fattened cattle	55	658	(NA)	(NA)	43	622	42	465
$1,000	(X)	309	(X)	(NA)	(X)	297	(X)	171
Dairy products ... $1,000	207	8 438	(NA)	(NA)	204	8 434	245	5 609
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	48	918	55	612	37	798	44	575
Used or to be used for breeding	25	224	(NA)	(NA)	19	173	27	152
Other hogs and pigs	45	694	(NA)	(NA)	34	625	40	423
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	27	267	30	180	20	241	29	(D)
Dec. 1 of preceding year and May 31	16	111	21	79	14	(D)	20	(D)
June 1 and Nov. 30	27	156	24	101	20	(D)	23	(D)
Sheep and lambs	10	83	8	112	7	74	5	99
Ewes 1 year old or older	9	41	(NA)	(NA)	7	(D)	5	70
Goats	5	19	(NA)	(NA)	3	(D)	1	(D)
Horses and ponies	63	278	65	248	40	149	40	176
Sales:								
Hogs and pigs	37	2 043	31	1 000	28	1 897	29	(D)
$1,000	(X)	122	(X)	(NA)	(X)	115	(X)	31
Feeder pigs	19	1 517	18	691	13	1 411	17	(D)
$1,000	(X)	65	(X)	(NA)	(X)	61	(X)	16
Sheep and lambs	6	64	7	75	6	64	5	(D)
Sheep and lambs shorn	8	69	(NA)	(NA)	6	(D)	3	62
Pounds of wool	(X)	658	(X)	(NA)	(X)	(D)	(X)	514
Sheep, lambs, and wool ... $1,000	8	(D)	(NA)	(NA)	6	(D)	5	2
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	17	56	15	36	9	38	10	30
$1,000	(X)	22	(X)	(NA)	(X)	16	(X)	5
POULTRY								
Inventory:								
Any poultry	69	(X)	84	(X)	42	(X)	64	(X)
Chickens 3 months old or older	56	16 951	84	22 236	38	(D)	64	21 461
Hens and pullets of laying age	56	16 899	81	22 043	38	(D)	63	(D)
Pullets 3 months old or older	4	52	(NA)	(NA)	3	(D)	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	11	410	8	211	7	278	5	121
Turkeys	5	30	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	20	(X)	(NA)	(X)	8	(X)	8	(X)
Sales:								
Any poultry	13	(X)	11	(X)	9	(X)	10	(X)
Chickens 3 months old or older	4	(D)	11	(D)	4	(D)	10	(D)
Hens and pullets of laying age	4	(D)	11	(D)	4	(D)	10	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	4	3 528	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	–	–	2	(D)	–	–	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	4	(X)	(NA)	(X)	1	(X)	2	(X)
Poultry and poultry products ... $1,000	21	(D)	25	215	15	(D)	21	215

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	232	13 027	(X)	1	(D)	216	12 929	(X)	1	(D)
	1974	229	9 574	(X)	(NA)	(NA)	216	9 428	(X)	1	(D)
For grain or seed (bushels)	1978	138	6 647	460 193	–	–	127	6 583	456 635	–	–
	1974	121	3 993	246 866	(NA)	(NA)	115	3 921	244 516	–	–
For silage or green chop (tons, green)	1978	181	6 380	69 754	1	(D)	174	6 346	69 422	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	187	5 365	57 790	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	142	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	3	65	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
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	291	6 266	–	–	6	253	5 826	–	–
	1974	22	394	13 963	(NA)	(NA)	19	380	13 642	–	–
Oats for grain (bushels)	1978	279	6 986	342 145	–	–	227	6 432	320 197	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	278	7 247	397 057	–	–
Barley for grain (bushels)	1978	104	2 634	108 713	–	–	97	2 579	106 554	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	90	1 686	90 912	–	–
Rye for grain (bushels)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	35	1 062	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(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	31	4 438	–	–	8	(D)	(D)	–	–
	1974	19	55	6 205	(NA)	(NA)	14	52	5 817	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	447	35 716	74 124	2	(D)	338	32 761	70 317	2	(D)
	1974	415	29 814	63 377	(NA)	(NA)	331	27 210	59 312	–	–
Alfalfa hay (tons, dry)	1978	407	24 057	54 079	–	–	314	21 733	50 837	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	286	17 547	41 859	–	–
Other tame dry hay (tons, dry) (see text)	1978	51	2 205	4 205	–	–	38	1 893	3 906	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	95	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	43	3 020	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	52	4 650	–	–
All vegetables harvested for sale (see text)	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	6	8	(X)	(NA)	(NA)	6	8	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	10	30	(X)	–	–	3	7	(X)	–	–
	1974	7	19	(X)	(NA)	(NA)	6	(D)	(X)	–	–
Apples (pounds)	1978	9	19	9 580	(NA)	(NA)	3	7	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	14	9 450	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	(Z)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	6	19	(X)	(NA)	(NA)	4	(D)	(X)	3	18
Strawberries (pounds)	1978	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	18	32 200	3	18
Nursery and greenhouse products	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	524	94 386	580	88 253	401	84 609	410	78 156
Average size of farm	(X)	180	(X)	152	(X)	211	(X)	191
Approximate land area	(X)	332 800	(X)	332 800	(X)	332 800	(X)	332 800
Proportion in farms — percent	(X)	28.4	(X)	26.5	(X)	25.4	(X)	23.5
Value of land and buildings:[1]								
Average per farm — dollars	178 298	(X)	80 143	(X)	220 275	(X)	99 678	(X)
Average per acre — dollars	(X)	1 071	(X)	527	(X)	1 134	(X)	523
Land in farms according to use:								
Total cropland	508	71 404	570	67 402	394	67 252	409	62 151
Harvested cropland	494	62 718	554	58 326	390	60 700	407	55 743
By acres harvested:								
1 to 9 acres	35	203	54	(NA)	10	53	8	(NA)
10 to 19 acres	54	785	60	(NA)	17	263	12	(NA)
20 to 29 acres	52	1 172	48	(NA)	30	667	18	(NA)
30 to 49 acres	88	3 327	81	(NA)	73	2 796	65	(NA)
50 to 99 acres	104	7 135	140	(NA)	99	6 825	133	(NA)
100 to 199 acres	80	11 248	102	(NA)	80	11 248	102	(NA)
200 to 499 acres	60	18 851	51	(NA)	60	18 851	51	(NA)
500 to 999 acres	15	9 992	14	(NA)	15	9 992	14	(NA)
1,000 acres or more	6	10 005	4	(NA)	6	10 005	4	(NA)
Cropland used only for pasture	120	3 670	140	4 270	79	2 601	76	2 797
Other cropland	194	5 016	190	4 806	151	3 951	126	3 611
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	57	1 284	(NA)	(NA)	45	1 172	25	843
Cropland on which all crops failed	23	395	(NA)	(NA)	10	182	28	943
Cropland in cultivated summer fallow	33	853	(NA)	(NA)	22	702	32	604
Cropland idle	112	2 484	(NA)	(NA)	92	1 895	55	1 221
Total woodland	287	14 977	304	13 766	210	11 668	210	10 668
Woodland pastured	84	3 038	(NA)	(NA)	60	2 239	79	3 530
Woodland not pastured	236	11 939	(NA)	(NA)	174	9 429	156	7 138
Other land	355	8 005	402	7 085	264	5 689	281	5 337
Pastureland and rangeland, other than cropland and woodland pastured	40	1 801	(NA)	(NA)	26	1 264	20	812
Land in house lots, ponds, roads, wasteland, etc	348	6 204	(NA)	(NA)	257	4 425	274	4 525
Pastureland, all types	182	8 509	(NA)	(NA)	125	6 104	(NA)	7 139
Irrigated land	6	391	–	–	5	(D)	–	–
Harvested cropland irrigated	6	391	(NA)	(NA)	5	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	79	1 033	(X)	(X)	77	(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]	524	14 085	580	11 499	401	13 933	410	11 307
Average per farm — dollars	(X)	26 879	(X)	19 826	(X)	34 745	(X)	27 578
Farms by value of agricultural products sold:[1]								
$100,000 or more	28	7 186	20	(NA)	28	7 186	20	(NA)
$40,000 to $99,999	51	2 987	42	(NA)	51	2 987	42	(NA)
$20,000 to $39,999	63	1 707	72	(NA)	63	1 707	72	(NA)
$10,000 to $19,999	70	997	108	(NA)	70	997	108	(NA)
$5,000 to $9,999	103	756	87	(NA)	103	756	87	(NA)
$2,500 to $4,999	86	300	67	(NA)	86	300	67	(NA)
Less than $2,500 (see text)	123	152	184	(NA)	(X)	(X)	14	(NA)
$2,000 to $2,499	19	43	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	28	49	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	34	41	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	42	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	444	9 508	519	8 272	369	9 424	(NA)	8 126
Grains	398	7 564	(NA)	(NA)	351	7 508	368	6 527
Commodity Credit Corporation loans	22	238	(NA)	(NA)	22	238	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	91	180	(NA)	(NA)	70	162	79	153
Vegetables, sweet corn, and melons	20	206	(NA)	(NA)	12	202	9	151
Fruits, nuts, and berries	15	30	(NA)	(NA)	5	(D)	7	68
Nursery and greenhouse products	8	48	14	50	4	46	7	42
Other crops	33	1 480	(NA)	(NA)	31	(D)	32	1 186
Livestock, poultry, and their products	206	4 577	215	3 213	148	4 509	145	3 166
Poultry and poultry products	24	(D)	37	8	13	(D)	19	7
Dairy products	25	895	(NA)	(NA)	22	891	38	882
Cattle and calves	147	2 983	(NA)	(NA)	105	2 939	119	1 957
Hogs and pigs	74	541	(NA)	(NA)	62	533	42	220
Sheep, lambs, and wool	8	(D)	(NA)	(NA)	5	(D)	1	(D)
Other livestock and livestock products (see text)	23	91	(NA)	(NA)	13	83	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	524	580	94 386	494	93 090	62 718	6	4 321	3 340	391
Farms with—										
1 to 9 acres	16	18	68	8	31	24	–	–	–	–
10 to 49 acres	116	107	3 823	105	3 507	2 309	3	59	18	14
50 to 69 acres	33	46	1 975	28	1 688	1 260	–	–	–	–
70 to 99 acres	86	130	6 942	82	6 627	3 557	–	–	–	–
100 to 139 acres	66	88	7 753	66	7 753	4 382	–	–	–	–
140 to 179 acres	62	45	9 717	61	9 562	4 940	–	–	–	–
180 to 219 acres	33	37	6 451	32	6 265	3 346	–	–	–	–
220 to 259 acres	18	30	4 283	18	4 283	2 857	–	–	–	–
260 to 499 acres	61	52	21 264	61	21 264	16 417	1	(D)	(D)	(D)
500 to 999 acres	21	21	13 546	21	13 546	9 940	–	–	–	–
1,000 to 1,999 acres	10	6	(D)	10	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	2	–	(D)	2	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	524	94 386	580	88 253	401	84 609	410	78 156
Harvested cropland	494	62 718	554	58 326	390	60 700	407	55 743
Tenure of operator:								
Full owners	316	35 411	392	39 501	203	26 376	243	30 418
Harvested cropland	287	16 227	(NA)	21 490	192	14 436	(NA)	19 248
Part owners	174	55 614	163	44 727	168	55 001	147	43 814
Harvested cropland	174	43 907	(NA)	33 408	168	43 776	(NA)	33 101
Tenants	34	3 361	25	4 025	30	3 232	20	3 924
Harvested cropland	33	2 584	(NA)	3 428	30	2 488	(NA)	3 394
Type of organization:								
Individual or family	485	79 588	(NA)	(NA)	369	70 342	390	71 155
Partnership	39	14 798	(NA)	(NA)	32	14 267	20	7 001
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	190	273	169	235
Other	334	307	232	175
Operators by age group:				
Under 25 years	23	9	21	8
25 to 34 years	73	85	62	58
35 to 44 years	105	108	76	75
45 to 54 years	144	152	116	109
55 to 64 years	119	132	83	99
65 years and over	60	94	43	61
Average age	48.3	50.5	47.5	50.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	396	423	300	306
Not on farm operated	71	73	60	47
Not reported	57	84	41	57
Operators reporting days of work off farm:				
None	141	147	120	122
1 to 49 days	26	24	21	19
50 to 99 days	9	10	8	8
100 to 149 days	14	15	14	13
150 to 199 days	19	40	14	31
200 days or more	291	254	203	146

[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	123	1 744	152	1 264	93	1 740	92	1 241
Feed for livestock and poultry	154	641	232	449	107	619	139	423
Commercially mixed formula feeds	58	310	176	306	52	309	117	293
Animal health costs	139	48	(NA)	(NA)	109	46	95	29
Seeds, bulbs, plants, and trees	375	606	402	467	307	589	311	456
Commercial fertilizer	465	1 679	459	1 407	376	1 647	357	1 380
Other agricultural chemicals including lime	410	523	315	302	369	520	263	297
Hired farm labor	153	331	124	243	141	328	95	236
Contract labor	26	12	13	44	26	12	11	(D)
Customwork, machine hire, and rental of machinery and equipment	259	219	250	133	210	205	190	125
Energy and petroleum products	524	825	(NA)	(NA)	396	782	(NA)	(NA)
Petroleum products	524	692	572	562	396	658	410	529
Gasoline	500	374	(NA)	(NA)	391	352	401	346
Diesel fuel	221	242	(NA)	(NA)	179	235	180	124
LP gas, butane, and propane	24	22	(NA)	(NA)	19	20	21	12
Fuel oil	32	(D)	(NA)	(NA)	32	(D)	409	48
Natural gas	1	(D)	(NA)	(NA)	1	(D)		
Kerosene, motor oil, and grease	524	44	(NA)	(NA)	396	41		
Electricity	383	129	(NA)	(NA)	308	121	(NA)	(NA)
Other—coal, wood, coke, etc.	10	4	(NA)	(NA)	10	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	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	449	55 910	371	54 346	357	46 404
Cropland fertilized, except pasture	449	55 477	371	54 043	(NA)	46 305
Pasture and rangeland fertilized	35	433	19	303	(NA)	99
Lime	8	245	8	245	3	75
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	95	7 819	85	7 764	(NA)	5 877
Nematodes in crops	6	336	6	336	2	(D)
Diseases in crops and orchards	26	100	21	95	9	591
Weeds, grass, or brush in crops and pasture	356	45 685	331	45 335	(NA)	33 015
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	66	(X)	60	(X)	9	(X)
Sanitation and rodent and bird control	58	(X)	52	(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	524	577	396	409
$1,000	18 483	11 457	17 322	9 957
Average per farm—dollars	35 273	19 856	43 741	24 345
Farms by value group:				
$1 to $4,999	64	94	42	32
$5,000 to $9,999	106	115	39	72
$10,000 to $19,999	138	142	108	95
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	66	120	66	107
$30,000 to $49,999	57	62	48	59
$50,000 to $69,999	9	22	9	22
$70,000 to $99,999	35		35	
$100,000 to $199,999	29	22	29	22
$200,000 or more	20		20	

	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	390	525	235	259	200	266	477	598	364
Motortrucks including pickups	424	698	236	279	261	419	468	692	300
Wheel tractors	468	1 182	146	175	429	1 007	531	1 267	199
Grain and bean combines, self-propelled only	196	200	21	22	176	178	183	189	32
Corn heads for combines	98	99	21	21	77	78	60	62	28
Other cornpickers and picker-shellers	141	149	3	3	138	146	176	181	21
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	85	100	20	28	65	72	106	109	22
Pickup balers	115	115	10	10	105	105	168	170	21
Field forage harvesters, shear bar or flywheel type	52	54	11	11	41	43	73	74	11

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	153	27	(X)	143	(X)	141	95
Workers	533	(X)	45	(X)	488	521	334
Farms with—							
1 worker	64	13	13	65	65	52	44
2 workers	20	10	20	11	22	20	8
3 or 4 workers	29	4	12	27	95	29	18
5 to 9 workers	34	–	–	34	195	34	18
10 workers or more	6	–	–	6	111	6	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	250	(X)	264	(X)	167	(X)	164	(X)
Any cattle, hogs, or sheep	199	(X)	215	(X)	141	(X)	142	(X)
Sales:								
Any livestock or poultry and their products, $1,000	206	4 577	215	3 213	148	4 509	145	3 166
Any cattle, hogs, or sheep, $1,000	186	(D)	192	(NA)	138	(D)	138	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	165	7 201	194	7 543	112	6 649	128	6 879
Cows and heifers that had calved	128	1 785	150	2 307	88	1 508	94	2 018
Beef cows	101	919	105	1 089	65	683	56	837
Milk cows	42	866	61	1 218	32	825	48	1 181
Heifers and heifer calves	130	1 487	(NA)	(NA)	93	1 337	72	1 073
Steers, steer calves, bulls and bull calves	140	3 929	(NA)	(NA)	101	3 804	104	3 788
Sales:								
Cattle and calves	147	6 537	163	5 351	105	6 270	119	5 196
$1,000	(X)	2 983	(X)	(NA)	(X)	2 939	(X)	1 957
Calves	71	715	(NA)	(NA)	52	548	65	782
$1,000	(X)	85	(X)	(NA)	(X)	75	(X)	68
Cattle	130	5 822	(NA)	(NA)	95	5 722	98	4 414
$1,000	(X)	2 898	(X)	(NA)	(X)	2 865	(X)	1 890
Fattened cattle	61	5 325	(NA)	(NA)	49	5 296	63	3 803
$1,000	(X)	2 715	(X)	(NA)	(X)	2 705	(X)	1 694
Dairy products, $1,000	25	895	(NA)	(NA)	22	891	38	882
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	71	4 339	60	2 347	61	4 233	41	2 160
Used or to be used for breeding	57	726	(NA)	(NA)	49	684	18	212
Other hogs and pigs	62	3 613	(NA)	(NA)	54	3 549	39	1 948
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	59	944	39	478	51	920	26	439
Dec. 1 of preceding year and May 31	53	489	31	290	47	479	20	263
June 1 and Nov. 30	48	455	29	188	43	441	21	176
Sheep and lambs	10	1 343	7	(D)	7	(D)	2	(D)
Ewes 1 year old or older	6	109	(NA)	(NA)	3	41	1	(D)
Goats	3	22	(NA)	(NA)	3	22	1	(D)
Horses and ponies	67	366	91	325	43	244	42	136
Sales:								
Hogs and pigs	74	7 181	54	3 301	62	7 070	42	3 057
$1,000	(X)	541	(X)	(NA)	(X)	533	(X)	220
Feeder pigs	31	2 306	19	929	27	2 245	11	768
$1,000	(X)	89	(X)	(NA)	(X)	86	(X)	17
Sheep and lambs	7	1 248	2	(D)	5	(D)	1	(D)
Sheep and lambs shorn	6	114	(NA)	(NA)	3	46	1	(D)
Pounds of wool	(X)	1 028	(X)	(NA)	(X)	460	(X)	(D)
Sheep, lambs, and wool, $1,000	8	(D)	(NA)	(NA)	5	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	15	91	10	22	9	81	7	13
$1,000	(X)	79	(X)	(NA)	(X)	74	(X)	3
POULTRY								
Inventory:								
Any poultry	80	(X)	81	(X)	45	(X)	47	(X)
Chickens 3 months old or older	73	2 965	74	3 673	42	1 818	44	2 441
Hens and pullets of laying age	73	2 781	70	3 341	42	(D)	44	(D)
Pullets 3 months old or older	9	184	(NA)	(NA)	3	(D)	2	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	17	852	11	534	10	372	7	282
Turkeys	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	18	(X)	(NA)	(X)	10	(X)	4	(X)
Sales:								
Any poultry	21	(X)	14	(X)	12	(X)	10	(X)
Chickens 3 months old or older	7	181	11	689	4	138	7	496
Hens and pullets of laying age	7	181	10	688	4	138	7	496
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	8	780	3	200	5	646	3	200
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products, $1,000	24	(D)	37	8	13	(D)	19	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	336	24 594	(X)	3	280	291	24 058	(X)	3	280
	1974	328	18 230	(X)	(NA)	(NA)	268	17 630	(X)	–	–
For grain or seed (bushels)	1978	325	22 406	2 022 832	3	280	286	22 001	1 994 037	3	280
	1974	304	16 130	1 077 037	(NA)	(NA)	250	15 642	1 055 725	–	–
For silage or green chop (tons, green)	1978	44	(D)	22 917	–	–	33	(D)	22 026	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	51	1 942	20 682	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	46	(X)	–	–
Sorghums for all purposes	1978	6	72	(X)	–	–	4	(D)	(X)	–	–
	1974	5	104	(X)	(NA)	(NA)	4	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	6	72	385	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	860	–	–
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	77	1 548	67 651	–	–	74	1 535	67 256	–	–
	1974	319	7 773	346 009	(NA)	(NA)	272	7 309	331 142	–	–
Oats for grain (bushels)	1978	126	1 788	114 114	–	–	105	1 628	107 185	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	90	1 065	60 925	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	64	1 335	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	42	(X)	–	–
Soybeans for beans (bushels)	1978	212	12 605	364 816	–	–	198	12 417	360 534	–	–
	1974	196	6 977	168 716	(NA)	(NA)	184	6 843	165 922	–	–
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	(D)	(D)	1	(D)	3	(D)	(D)	1	(D)
	1974	7	107	8 536	(NA)	(NA)	3	106	8 456	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	206	5 782	12 016	–	–	144	4 795	10 771	–	–
	1974	228	5 756	12 255	(NA)	(NA)	152	4 594	10 621	–	–
Alfalfa hay (tons, dry)	1978	144	3 539	8 255	–	–	115	3 109	7 589	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	99	2 492	6 971	–	–
Other tame dry hay (tons, dry) (see text)	1978	54	1 387	2 286	–	–	30	1 023	1 836	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	90	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	70	12 120	–	–
All vegetables harvested for sale (see text)	1978	20	321	(X)	1	(D)	12	305	(X)	–	–
	1974	21	312	(X)	(NA)	(NA)	12	302	(X)	–	–
Sweet corn	1978	15	62	(X)	–	–	7	49	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	73	(X)	–	–
Tomatoes	1978	9	6	(X)	1	(D)	5	5	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	10	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	12	31	(X)	–	–	4	6	(X)	–	–
	1974	21	114	(X)	(NA)	(NA)	6	91	(X)	–	–
Apples (pounds)	1978	12	17	36 360	(NA)	(NA)	4	5	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	57	611 800	(NA)	(NA)
Peaches (pounds)	1978	2	(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	7	6	6 910	(NA)	(NA)	3	1	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	8	16	(X)	4	13	3	(D)	(X)	3	(D)
	1974	4	2	(X)	(NA)	(NA)	3	(D)	(X)	–	–
Strawberries (pounds)	1978	5	(D)	(D)	4	(D)	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Nursery and greenhouse products	1978	8	30	(X)	–	–	4	20	(X)	–	–
Other crops	1978	166	16 318	(X)	(NA)	(NA)	162	16 234	(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	361	100 823	358	86 501	279	91 218	273	75 847
Average size of farm	(X)	279	(X)	242	(X)	327	(X)	278
Approximate land area	(X)	361 600	(X)	361 600	(X)	361 600	(X)	361 600
Proportion in farms, percent	(X)	27.9	(X)	23.9	(X)	25.2	(X)	21.0
Value of land and buildings:[1]								
Average per farm, dollars	162 846	(X)	74 120	(X)	189 016	(X)	84 377	(X)
Average per acre, dollars	(X)	557	(X)	307	(X)	575	(X)	304
Land in farms according to use:								
Total cropland	360	65 124	347	61 377	278	59 369	268	55 284
Harvested cropland	347	48 927	330	43 399	274	46 276	263	41 543
By acres harvested:								
1 to 9 acres	6	25	12	(NA)	1	(D)	3	(NA)
10 to 19 acres	26	342	16	(NA)	5	69	–	(NA)
20 to 29 acres	19	422	24	(NA)	7	161	3	(NA)
30 to 49 acres	50	1 908	40	(NA)	23	926	28	(NA)
50 to 99 acres	77	5 721	72	(NA)	71	5 351	64	(NA)
100 to 199 acres	84	12 174	88	(NA)	84	12 174	87	(NA)
200 to 499 acres	77	22 697	73	(NA)	76	(D)	73	(NA)
500 to 999 acres	6	(D)	4	(NA)	5	(D)	4	(NA)
1,000 acres or more	2	(D)	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	192	9 857	222	13 986	152	8 417	172	10 882
Other cropland	197	6 340	109	3 992	149	4 676	86	2 859
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	77	1 889	(NA)	(NA)	63	1 630	32	875
Cropland on which all crops failed	40	720	(NA)	(NA)	29	532	6	86
Cropland in cultivated summer fallow	62	1 147	(NA)	(NA)	46	1 007	39	866
Cropland idle	100	2 584	(NA)	(NA)	73	1 507	36	1 032
Total woodland	232	17 965	205	16 267	185	15 564	168	13 689
Woodland pastured	92	6 764	(NA)	(NA)	73	6 050	75	3 915
Woodland not pastured	185	11 201	(NA)	(NA)	148	9 514	141	9 774
Other land	268	17 734	264	8 857	213	16 285	196	6 874
Pastureland and rangeland, other than cropland and woodland pastured	65	11 090	(NA)	(NA)	55	10 718	45	2 623
Land in house lots, ponds, roads, wasteland, etc	254	6 644	(NA)	(NA)	202	5 567	184	4 251
Pastureland, all types	245	27 711	(NA)	(NA)	197	25 185	(NA)	17 420
Irrigated land	22	1 420	2	(D)	19	1 417	2	(D)
Harvested cropland irrigated	22	(D)	(NA)	(NA)	19	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	119	1 891	(X)	(X)	113	1 860	(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]	361	14 327	358	9 177	279	14 171	273	9 036
Average per farm, dollars	(X)	39 687	(X)	25 634	(X)	50 793	(X)	33 099
Farms by value of agricultural products sold:[1]								
$100,000 or more	33	6 124	13	(NA)	33	6 124	13	(NA)
$40,000 to $99,999	87	5 748	67	(NA)	87	5 748	67	(NA)
$20,000 to $39,999	47	1 417	63	(NA)	47	1 417	63	(NA)
$10,000 to $19,999	37	489	57	(NA)	37	489	57	(NA)
$5,000 to $9,999	33	242	39	(NA)	33	242	39	(NA)
$2,500 to $4,999	42	152	31	(NA)	42	152	31	(NA)
Less than $2,500 (see text)	81	(D)	87	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	19	33	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	10	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	43	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	182	1 254	259	1 442	140	1 207	(NA)	1 393
Grains	82	309	(NA)	(NA)	75	305	125	465
Commodity Credit Corporation loans	7	46	(NA)	(NA)	7	46	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	141	746	(NA)	(NA)	104	706	149	811
Vegetables, sweet corn, and melons	3	(D)	(NA)	(NA)	2	(D)	11	(D)
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	2	(D)	1	(D)
Nursery and greenhouse products	4	(D)	–	–	3	(D)	–	–
Other crops	6	161	(NA)	(NA)	6	161	7	97
Livestock, poultry, and their products	265	13 073	285	7 588	235	12 964	241	7 500
Poultry and poultry products	11	(D)	29	85	8	(D)	15	84
Dairy products	157	9 916	(NA)	(NA)	157	9 916	159	5 748
Cattle and calves	237	2 202	(NA)	(NA)	213	2 104	230	1 112
Hogs and pigs	29	346	(NA)	(NA)	25	341	20	515
Sheep, lambs, and wool	15	(D)	(NA)	(NA)	13	(D)	5	16
Other livestock and livestock products (see text)	18	34	(NA)	(NA)	15	31	5	25

[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	361	358	100 823	347	100 183	48 927	22	8 031	4 952	1 420
Farms with—										
1 to 9 acres	–	5	–	–	–	–	–	–	–	–
10 to 49 acres	38	21	1 257	27	909	568	4	60	48	26
50 to 69 acres	8	12	493	8	493	223	1	(D)	(D)	(D)
70 to 99 acres	45	46	3 656	43	3 484	1 587	1	(D)	(D)	(D)
100 to 139 acres	35	46	4 123	34	4 003	1 898	–	–	–	–
140 to 179 acres	37	33	5 816	37	5 816	3 081	–	–	–	–
180 to 219 acres	31	35	6 176	31	6 176	3 080	2	(D)	(D)	(D)
220 to 259 acres	23	36	5 486	23	5 486	2 933	–	–	–	–
260 to 499 acres	103	98	35 506	103	35 506	19 927	6	2 481	1 668	452
500 to 999 acres	36	21	23 715	36	23 715	11 605	8	4 977	3 028	928
1,000 to 1,999 acres	4	5	(D)	4	(D)	(D)	–	–	–	–
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	361	100 823	358	86 501	279	91 218	273	75 847
Harvested cropland	347	48 927	330	43 399	274	46 276	263	41 543
Tenure of operator:								
Full owners	205	34 768	224	39 156	130	(D)	143	28 741
Harvested cropland	191	14 777	(NA)	15 216	125	(D)	(NA)	13 449
Part owners	148	64 594	131	46 995	142	63 168	129	(D)
Harvested cropland	148	33 231	(NA)	28 063	142	32 545	(NA)	27 974
Tenants	8	1 461	3	350	7	(D)	1	(D)
Harvested cropland	8	919	(NA)	120	7	(D)	(NA)	120
Type of organization:								
Individual or family	320	84 759	(NA)	(NA)	242	(D)	256	68 690
Partnership	39	(D)	(NA)	(NA)	37	(D)	17	7 157
Corporation	–	–	(NA)	(NA)	–	–	–	–
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	233	234	216	215
Other	128	123	63	58
Operators by age group:				
Under 25 years	12	2	12	2
25 to 34 years	54	51	41	36
35 to 44 years	82	60	62	52
45 to 54 years	90	119	66	99
55 to 64 years	84	81	73	64
65 years and over	39	44	25	20
Average age	48.1	50.1	47.9	49.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	307	275	239	221
Not on farm operated	22	21	18	9
Not reported	32	61	22	43
Operators reporting days of work off farm:				
None	162	150	139	128
1 to 49 days	40	24	38	21
50 to 99 days	12	5	11	3
100 to 149 days	8	11	8	10
150 to 199 days	17	31	12	18
200 days or more	103	81	54	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	150	1 503	164	763	129	1 477	116	743
Feed for livestock and poultry	276	2 993	260	1 599	230	2 938	214	1 578
Commercially mixed formula feeds	188	1 626	154	816	176	1 611	127	809
Animal health costs	256	129	(NA)	(NA)	226	125	177	74
Seeds, bulbs, plants, and trees	299	324	249	179	257	316	211	175
Commercial fertilizer	303	744	243	467	269	710	210	434
Other agricultural chemicals including lime	280	263	164	99	243	249	157	97
Hired farm labor	170	657	129	323	163	640	116	299
Contract labor	13	13	11	15	13	13	9	(D)
Customwork, machine hire, and rental of machinery and equipment	150	137	151	100	121	135	132	98
Energy and petroleum products	359	943	(NA)	(NA)	299	921	(NA)	(NA)
Petroleum products	359	628	345	322	299	612	273	307
Gasoline	333	290	(NA)	(NA)	273	279	251	188
Diesel fuel	221	209	(NA)	(NA)	211	206	181	88
LP gas, butane, and propane	23	27	(NA)	(NA)	18	27	15	3
Fuel oil	48	56	(NA)	(NA)	43	56	273	29
Natural gas	3	1	(NA)	(NA)	3	1		
Kerosene, motor oil, and grease	359	45	(NA)	(NA)	299	43		
Electricity	262	(D)	(NA)	(NA)	235	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	1	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	299	29 015	265	28 195	210	18 000
Cropland fertilized, except pasture	299	28 234	265	(D)	(NA)	17 486
Pasture and rangeland fertilized	14	781	13	(D)	(NA)	514
Lime	107	2 818	90	2 483	53	1 460
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	103	6 850	83	6 547	(NA)	2 294
Nematodes in crops	7	540	7	540	1	(D)
Diseases in crops and orchards	38	3 989	38	3 989	2	(D)
Weeds, grass, or brush in crops and pasture	206	13 726	189	13 445	(NA)	7 975
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	14	387	10	363	1	(D)
Insect control on livestock and poultry	134	(X)	124	(X)	37	(X)
Sanitation and rodent and bird control	71	(X)	60	(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	363	346	299	269
$1,000	16 279	7 642	15 852	7 041
Average per farm—dollars	44 846	22 087	53 016	26 175
Farms by value group:				
$1 to $4,999	23	57	1	29
$5,000 to $9,999	47	71	16	35
$10,000 to $19,999	74	59	64	48

	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	60	28	59
$30,000 to $49,999	65	65	65	65
$50,000 to $69,999	44	21	44	21
$70,000 to $99,999	49	13	48	12
$100,000 to $199,999	26		26	
$200,000 or more	7		7	

	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	266	394	147	176	156	218	305	390	235
Motortrucks including pickups	297	415	159	175	185	240	279	345	155
Wheel tractors	356	919	126	181	328	738	325	762	197
Grain and bean combines, self-propelled only	99	99	25	25	74	74	39	39	3
Corn heads for combines	14	14	2	(D)	12	(D)	13	13	6
Other cornpickers and picker-shellers	76	84	24	24	52	60	73	76	29
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	226	232	96	97	130	135	153	157	77
Pickup balers	225	232	63	65	162	167	225	232	100
Field forage harvesters, shear bar or flywheel type	144	173	68	71	88	102	138	157	62

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	170	84	(X)	129	(X)	163	116
Workers	605	(X)	176	(X)	429	582	419
Farms with—							
1 worker	39	32	32	24	24	39	43
2 workers	30	27	54	37	74	30	14
3 or 4 workers	48	22	74	36	117	42	32
5 to 9 workers	48	3	16	29	171	47	20
10 workers or more	5	–	–	3	43	5	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	288	(X)	296	(X)	235	(X)	239	(X)
Any cattle, hogs, or sheep	261	(X)	277	(X)	221	(X)	233	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	265	13 073	285	7 588	235	12 964	241	7 500
Any cattle, hogs, or sheep ($1,000)	252	(D)	274	(NA)	225	(D)	238	1 643
CATTLE AND CALVES								
Inventory:								
Cattle and calves	245	20 085	263	18 421	208	19 446	227	17 611
Cows and heifers that had calved	220	9 958	214	7 904	189	9 594	190	7 564
Beef cows	52	2 018	58	1 443	32	1 669	39	1 124
Milk cows	173	7 940	171	6 461	161	7 925	164	6 440
Heifers and heifer calves	214	7 526	(NA)	(NA)	187	7 350	183	6 321
Steers, steer calves, bulls and bull calves	187	2 601	(NA)	(NA)	165	2 502	195	3 726
Sales:								
Cattle and calves	237	7 589	260	5 597	213	7 333	230	5 262
($1,000)	(X)	2 202	(X)	(NA)	(X)	2 104	(X)	1 112
Calves	173	3 713	(NA)	(NA)	161	3 582	167	2 228
($1,000)	(X)	341	(X)	(NA)	(X)	298	(X)	173
Cattle	209	3 876	(NA)	(NA)	190	3 751	205	3 034
($1,000)	(X)	1 862	(X)	(NA)	(X)	1 806	(X)	939
Fattened cattle	33	410	(NA)	(NA)	27	396	36	473
($1,000)	(X)	181	(X)	(NA)	(X)	176	(X)	176
Dairy products ($1,000)	157	9 916	(NA)	(NA)	157	9 916	159	5 748
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	39	1 974	41	1 245	30	1 889	24	1 139
Used or to be used for breeding	24	653	(NA)	(NA)	19	636	14	329
Other hogs and pigs	35	1 321	(NA)	(NA)	27	1 253	22	810
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	623	21	592	20	607	14	568
Dec. 1 of preceding year and May 31	23	304	18	288	18	296	12	274
June 1 and Nov. 30	19	319	19	304	16	311	13	294
Sheep and lambs	14	798	10	654	12	(D)	6	516
Ewes 1 year old or older	13	529	(NA)	(NA)	11	(D)	6	386
Goats	3	12	(NA)	(NA)	2	(D)	–	–
Horses and ponies	53	203	55	253	32	114	36	174
Sales:								
Hogs and pigs	29	5 539	28	9 165	25	5 438	20	9 055
($1,000)	(X)	346	(X)	(NA)	(X)	341	(X)	515
Feeder pigs	16	4 099	16	3 523	14	(D)	11	3 428
($1,000)	(X)	197	(X)	(NA)	(X)	(D)	(X)	91
Sheep and lambs	15	577	9	587	13	(D)	5	516
Sheep and lambs shorn	11	636	(NA)	(NA)	10	(D)	4	417
Pounds of wool	(X)	4 443	(X)	(NA)	(X)	(D)	(X)	3 143
Sheep, lambs, and wool ($1,000)	15	(D)	(NA)	(NA)	13	(D)	5	16
Goats	2	(D)	(NA)	(NA)	2	(D)	–	–
($1,000)	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	11	38	8	113	9	(D)	4	107
($1,000)	(X)	25	(X)	(NA)	(X)	(D)	(X)	11
POULTRY								
Inventory:								
Any poultry	46	(X)	50	(X)	27	(X)	27	(X)
Chickens 3 months old or older	43	(D)	49	13 520	26	(D)	26	13 011
Hens and pullets of laying age	42	(D)	48	13 410	25	(D)	25	12 978
Pullets 3 months old or older	3	105	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	7	259	3	1 732	3	140	2	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	10	(X)	(NA)	(X)	8	(X)	4	(X)
Sales:								
Any poultry	8	(X)	17	(X)	5	(X)	9	(X)
Chickens 3 months old or older	3	16 935	16	2 770	2	(D)	8	2 570
Hens and pullets of laying age	2	(D)	14	2 738	1	(D)	8	2 558
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	4	(D)	1	(D)	3	(D)	1	(D)
Turkeys	1	(D)	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	–	(X)	(NA)	(X)	–	(X)	1	(X)
Poultry and poultry products ($1,000)	11	(D)	29	85	8	(D)	15	84

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	239	16 837	(X)	15	779	216	16 499	(X)	15	779
	1974	208	11 627	(X)	(NA)	(NA)	193	11 456	(X)	–	–
For grain or seed (bushels)	1978	160	6 553	452 668	13	565	149	6 472	449 611	13	565
	1974	172	5 328	381 168	(NA)	(NA)	161	5 254	376 831	–	–
For silage or green chop (tons, green)	1978	203	10 284	103 399	8	214	189	10 027	101 660	8	214
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	163	6 089	65 991	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	113	(X)	–	–
Sorghums for all purposes	1978	9	101	(X)	–	–	9	101	(X)	–	–
	1974	8	202	(X)	(NA)	(NA)	8	202	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	8	(D)	612	–	–	8	(D)	612	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	(D)	278	–	–
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	27	584	15 963	–	–	25	(D)	(D)	–	–
	1974	95	1 380	55 454	(NA)	(NA)	91	1 354	54 694	–	–
Oats for grain (bushels)	1978	159	3 323	143 383	1	(D)	150	3 260	141 595	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	163	3 377	170 279	–	–
Barley for grain (bushels)	1978	5	74	1 650	–	–	5	74	1 650	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	6	88	1 655	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	71	1 890	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(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	7	251	50 670	4	154	6	(D)	(D)	4	154
	1974	10	188	25 399	(NA)	(NA)	8	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	325	29 835	57 748	8	348	259	27 620	54 951	8	348
	1974	304	26 520	55 221	(NA)	(NA)	250	24 959	52 996	–	–
Alfalfa hay (tons, dry)	1978	292	21 332	46 538	5	203	233	19 882	44 368	5	203
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	212	15 331	35 545	–	–
Other tame dry hay (tons, dry) (see text)	1978	29	1 521	2 223	–	–	25	1 471	2 151	–	–
Field seed crops	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	24	492	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	24	492	48 161	–	–
All vegetables harvested for sale (see text)	1978	3	4	(X)	1	(D)	2	(D)	(X)	–	–
	1974	21	29	(X)	(NA)	(NA)	13	12	(X)	–	–
Sweet corn	1978	3	(D)	(X)	1	(D)	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	3	(X)	–	–
Tomatoes	1978	2	(D)	(X)	1	(D)	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	7	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	2	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	1	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	(D)	(X)	2	(D)	2	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	2	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	4	60	(X)	1	(D)	3	(D)	(X)	–	–
Other crops	1978	3	149	(X)	(NA)	(NA)	3	149	(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	1 529	231 839	1 702	232 022	1 271	223 502	1 385	222 813
Average size of farm	(X)	152	(X)	136	(X)	176	(X)	161
Approximate land area	(X)	356 480	(X)	356 480	(X)	356 480	(X)	356 480
Proportion in farms, percent	(X)	65.0	(X)	65.1	(X)	62.7	(X)	62.5
Value of land and buildings:[1]								
Average per farm, dollars	243 412	(X)	123 892	(X)	280 250	(X)	143 274	(X)
Average per acre, dollars	(X)	1 583	(X)	909	(X)	1 573	(X)	891
Land in farms according to use:								
Total cropland	1 495	209 343	1 674	204 731	1 247	203 406	1 369	198 107
Harvested cropland	1 465	195 770	1 647	192 666	1 233	191 828	1 362	188 287
By acres harvested:								
1 to 9 acres	115	592	137	(NA)	42	167	35	(NA)
10 to 19 acres	146	2 083	156	(NA)	61	859	54	(NA)
20 to 29 acres	115	2 746	139	(NA)	74	1 806	90	(NA)
30 to 49 acres	211	8 025	276	(NA)	184	7 066	249	(NA)
50 to 99 acres	347	25 026	376	(NA)	341	24 632	371	(NA)
100 to 199 acres	236	32 255	283	(NA)	236	32 255	283	(NA)
200 to 499 acres	229	68 116	225	(NA)	229	68 116	225	(NA)
500 to 999 acres	47	32 314	47	(NA)	47	32 314	47	(NA)
1,000 acres or more	19	24 613	8	(NA)	19	24 613	8	(NA)
Cropland used only for pasture	133	1 908	222	4 405	96	1 434	148	2 894
Other cropland	519	11 665	350	7 660	452	10 144	291	6 926
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	145	2 131	(NA)	(NA)	126	1 924	63	858
Cropland on which all crops failed	64	1 068	(NA)	(NA)	54	990	57	1 428
Cropland in cultivated summer fallow	67	1 755	(NA)	(NA)	61	1 486	26	721
Cropland idle	308	6 711	(NA)	(NA)	268	5 744	171	3 919
Total woodland	528	9 836	572	11 737	450	8 928	494	10 862
Woodland pastured	68	899	(NA)	(NA)	58	786	72	1 721
Woodland not pastured	471	8 937	(NA)	(NA)	403	8 142	440	9 141
Other land	1 025	12 660	1 215	15 554	851	11 168	1 003	13 844
Pastureland and rangeland, other than cropland and woodland pastured	63	1 067	(NA)	(NA)	54	985	42	1 173
Land in house lots, ponds, roads, wasteland, etc	1 005	11 593	(NA)	(NA)	834	10 183	993	12 671
Pastureland, all types	236	3 874	(NA)	(NA)	184	3 205	(NA)	5 788
Irrigated land	46	2 900	49	1 849	39	2 806	41	1 740
Harvested cropland irrigated	45	(D)	(NA)	(NA)	38	(D)	41	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Land set aside in the federal farm programs in 1978	374	4 712	(X)	(X)	355	4 603	(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]	1 529	45 132	1 702	36 393	1 271	44 799	1 385	36 000
Average per farm, dollars	(X)	29 517	(X)	21 382	(X)	35 247	(X)	25 993
Farms by value of agricultural products sold:[1]								
$100,000 or more	85	21 290	66	(NA)	85	21 290	66	(NA)
$40,000 to $99,999	187	11 173	166	(NA)	187	11 173	166	(NA)
$20,000 to $39,999	197	5 393	204	(NA)	197	5 393	204	(NA)
$10,000 to $19,999	281	3 961	269	(NA)	281	3 961	269	(NA)
$5,000 to $9,999	304	2 188	339	(NA)	304	2 188	339	(NA)
$2,500 to $4,999	217	794	276	(NA)	217	794	276	(NA)
Less than $2,500 (see text)	258	333	382	(NA)	(X)	(X)	65	(NA)
$2,000 to $2,499	46	100	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	69	118	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	60	73	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	83	41	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 421	36 287	1 629	30 214	1 221	36 023	(NA)	29 877
Grains	1 311	26 097	(NA)	(NA)	1 149	25 877	1 306	22 200
Commodity Credit Corporation loans	91	767	(NA)	(NA)	86	766	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	152	427	(NA)	(NA)	123	407	124	213
Vegetables, sweet corn, and melons	106	2 457	(NA)	(NA)	94	2 450	82	2 172
Fruits, nuts, and berries	47	418	(NA)	(NA)	34	410	26	222
Nursery and greenhouse products	63	3 995	65	2 615	58	3 988	54	2 603
Other crops	28	2 893	(NA)	(NA)	25	2 892	30	2 466
Livestock, poultry, and their products	450	8 845	474	6 158	379	8 776	385	6 103
Poultry and poultry products	92	1 179	113	745	77	1 175	83	740
Dairy products	38	1 255	(NA)	(NA)	38	1 255	49	1 159
Cattle and calves	209	4 153	(NA)	(NA)	189	4 133	242	3 014
Hogs and pigs	188	1 994	(NA)	(NA)	165	1 971	147	1 082
Sheep, lambs, and wool	36	30	(NA)	(NA)	29	27	46	34
Other livestock and livestock products (see text)	70	234	(NA)	(NA)	49	215	28	75

[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	1 529	1 702	231 839	1 465	230 001	195 770	46	12 653	10 678	2 900
Farms with—										
1 to 9 acres	78	70	425	51	311	219	6	43	21	21
10 to 49 acres	441	500	12 767	409	12 076	8 994	11	239	154	103
50 to 69 acres	161	168	9 345	158	9 187	6 921	3	183	57	41
70 to 99 acres	213	284	17 837	212	17 739	14 679	5	400	331	24
100 to 139 acres	165	177	19 035	165	19 035	15 777	4	480	430	131
140 to 179 acres	85	124	13 329	85	13 329	10 539	3	508	328	103
180 to 219 acres	68	75	13 492	68	13 492	11 355	1	(D)	(D)	(D)
220 to 259 acres	60	58	14 141	60	14 141	11 696	1	(D)	(D)	(D)
260 to 499 acres	181	179	62 983	181	62 983	54 832	5	1 770	1 760	561
500 to 999 acres	52	56	35 289	51	34 512	30 814	4	2 842	2 625	818
1,000 to 1,999 acres	24	10	(D)	24	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 529	231 839	1 702	232 022	1 271	223 502	1 385	222 813
Harvested cropland	1 465	195 770	1 647	192 666	1 233	191 828	1 362	188 287
Tenure of operator:								
Full owners	726	48 849	933	65 841	543	44 119	671	58 104
Harvested cropland	665	35 938	(NA)	47 661	506	33 528	(NA)	44 066
Part owners	587	153 493	554	135 223	535	150 577	521	134 108
Harvested cropland	586	132 994	(NA)	117 535	535	131 966	(NA)	117 052
Tenants	216	29 497	215	30 958	193	28 806	193	30 601
Harvested cropland	214	26 838	(NA)	27 470	192	26 334	(NA)	27 169
Type of organization:								
Individual or family	1 354	179 902	(NA)	(NA)	1 108	171 898	1 258	185 322
Partnership	152	35 696	(NA)	(NA)	140	35 363	117	30 492
Corporation	20	15 887	(NA)	(NA)	20	15 887	9	(D)
Other—cooperative, estate or trust, institutional, etc.	3	354	(NA)	(NA)	3	354	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	665	842	620	778
Other	864	850	651	597
Operators by age group:				
Under 25 years	57	55	52	46
25 to 34 years	215	179	175	139
35 to 44 years	306	301	236	249
45 to 54 years	373	428	314	356
55 to 64 years	356	449	310	361
65 years and over	222	280	184	224
Average age	49.2	51.0	49.3	51.0

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 172	1 182	971	981
Not on farm operated	230	267	195	210
Not reported	127	243	105	184
Operators reporting days of work off farm:				
None	505	471	454	423
1 to 49 days	65	81	57	51
50 to 99 days	32	38	31	34
100 to 149 days	54	44	45	35
150 to 199 days	71	96	65	83
200 days or more	755	699	576	507

[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	383	3 009	393	1 981	297	2 794	264	1 945
Feed for livestock and poultry	478	1 587	549	1 425	369	1 478	375	1 367
Commercially mixed formula feeds	224	797	426	999	154	732	295	973
Animal health costs	294	132	(NA)	(NA)	229	99	231	61
Seeds, bulbs, plants, and trees	1 158	2 501	1 247	1 798	1 042	2 467	1 064	1 772
Commercial fertilizer	1 311	5 193	1 442	4 255	1 113	5 123	1 215	4 200
Other agricultural chemicals including lime	1 208	2 117	974	1 113	1 058	2 102	903	1 106
Hired farm labor	447	2 629	357	1 707	407	2 590	325	1 701
Contract labor	58	59	22	63	36	53	20	(D)
Customwork, machine hire, and rental of machinery and equipment	639	619	686	438	528	594	575	421
Energy and petroleum products	1 520	3 318	(NA)	(NA)	1 251	3 229	(NA)	(NA)
Petroleum products	1 520	2 724	1 623	1 675	1 251	2 660	1 319	1 619
Gasoline	1 478	1 290	(NA)	(NA)	1 209	1 239	1 296	1 014
Diesel fuel	700	760	(NA)	(NA)	669	756	591	368
LP gas, butane, and propane	203	274	(NA)	(NA)	199	274	164	97
Fuel oil	149	95	(NA)	(NA)	139	94		
Natural gas	21	152	(NA)	(NA)	21	152	1 315	140
Kerosene, motor oil, and grease	1 520	152	(NA)	(NA)	1 251	143		
Electricity	869	484	(NA)	(NA)	765	462	(NA)	(NA)
Other—coal, wood, coke, etc.	32	110	(NA)	(NA)	27	107	(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	1 279	177 830	1 081	174 378	1 215	151 377
Cropland fertilized, except pasture	1 277	177 640	1 081	(D)	(NA)	151 261
Pasture and rangeland fertilized	20	190	1	(D)	(NA)	116
Lime	121	4 016	107	3 952	30	1 187
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	345	42 109	314	41 834	(NA)	24 681
Nematodes in crops	42	4 104	42	4 104	1	(D)
Diseases in crops and orchards	139	9 050	108	8 851	49	4 379
Weeds, grass, or brush in crops and pasture	948	135 247	840	133 985	(NA)	96 167
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	41	5 613	40	(D)	10	985
Insect control on livestock and poultry	120	(X)	103	(X)	32	(X)
Sanitation and rodent and bird control	118	(X)	105	(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	1 528	1 588	1 259	1 279
$1,000	53 298	35 530	51 165	32 638
Average per farm—dollars	34 881	22 374	40 639	25 518
Farms by value group:				
$1 to $4,999	129	244	70	145
$5,000 to $9,999	356	354	225	217
$10,000 to $19,999	307	338	240	289

	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	192	249	180	234
$30,000 to $49,999	191	241	191	237
$50,000 to $69,999	122	79	122	78
$70,000 to $99,999	93	83	93	79
$100,000 to $199,999	119		119	
$200,000 or more	19		19	

	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	1 099	1 532	565	702	629	830	1 337	1 774	1 040
Motortrucks including pickups	1 348	2 424	771	963	922	1 461	1 343	2 202	819
Wheel tractors	1 465	3 673	381	550	1 377	3 123	1 496	3 541	546
Grain and bean combines, self-propelled only	691	721	183	185	524	536	635	664	169
Corn heads for combines	432	454	149	154	295	300	328	338	121
Other cornpickers and picker-shellers	427	433	28	28	399	405	484	505	54
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	283	353	73	74	213	279	159	173	26
Pickup balers	379	380	35	35	345	345	283	286	30
Field forage harvesters, shear bar or flywheel type	136	163	28	38	123	125	95	105	21

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	447	124	(X)	392	(X)	407	325
Workers	2 293	(X)	410	(X)	1 883	2 122	2 099
Farms with—							
1 worker	134	46	46	127	127	125	122
2 workers	96	39	78	87	174	90	48
3 or 4 workers	114	20	66	94	313	99	48
5 to 9 workers	53	13	72	46	291	48	49
10 workers or more	50	6	148	38	978	45	58

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	542	(X)	608	(X)	437	(X)	471	(X)
Any cattle, hogs, or sheep	377	(X)	453	(X)	319	(X)	364	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	450	8 845	474	6 158	379	8 776	385	6 103
Any cattle, hogs, or sheep ($1,000)	352	6 177	392	(NA)	310	6 131	340	4 130
CATTLE AND CALVES								
Inventory:								
Cattle and calves	246	8 518	354	9 310	211	8 326	280	8 826
Cows and heifers that had calved	113	1 574	178	2 458	94	1 525	132	2 216
Beef cows	58	243	89	758	44	219	55	585
Milk cows	61	1 331	106	1 700	52	1 306	81	1 631
Heifers and heifer calves	113	1 266	(NA)	(NA)	94	1 204	121	1 805
Steers, steer calves, bulls and bull calves	198	5 678	(NA)	(NA)	173	5 597	226	4 805
Sales:								
Cattle and calves	209	8 986	273	8 771	189	8 910	242	8 652
($1,000)	(X)	4 153	(X)	(NA)	(X)	4 133	(X)	3 014
Calves	68	969	(NA)	(NA)	59	940	81	1 114
($1,000)	(X)	148	(X)	(NA)	(X)	144	(X)	61
Cattle	188	8 017	(NA)	(NA)	172	7 970	221	7 538
($1,000)	(X)	4 005	(X)	(NA)	(X)	3 989	(X)	2 953
Fattened cattle	134	7 096	(NA)	(NA)	125	7 072	143	5 681
($1,000)	(X)	3 623	(X)	(NA)	(X)	3 615	(X)	2 267
Dairy products ($1,000)	38	1 255	(NA)	(NA)	38	1 255	49	1 159
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	196	18 216	182	9 042	163	17 858	142	8 736
Used or to be used for breeding	114	1 803	(NA)	(NA)	100	1 761	84	922
Other hogs and pigs	180	16 413	(NA)	(NA)	148	16 097	133	7 814
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	119	2 187	117	1 623	105	2 146	95	1 514
Dec. 1 of preceding year and May 31	97	981	99	860	89	963	81	800
June 1 and Nov. 30	101	1 206	92	763	89	1 183	75	714
Sheep and lambs	38	711	66	1 783	30	593	50	1 707
Ewes 1 year old or older	34	497	(NA)	(NA)	27	414	44	1 169
Goats	12	34	(NA)	(NA)	9	23	3	11
Horses and ponies	140	812	162	644	94	513	108	468
Sales:								
Hogs and pigs	188	23 713	174	15 030	165	23 422	147	14 388
($1,000)	(X)	1 994	(X)	(NA)	(X)	1 971	(X)	1 082
Feeder pigs	51	5 179	42	1 394	46	5 087	34	1 236
($1,000)	(X)	204	(X)	(NA)	(X)	201	(X)	27
Sheep and lambs	33	434	43	1 087	27	391	40	1 076
Sheep and lambs shorn	33	693	(NA)	(NA)	27	578	44	1 401
Pounds of wool	(X)	6 056	(X)	(NA)	(X)	4 888	(X)	11 677
Sheep, lambs, and wool ($1,000)	36	30	(NA)	(NA)	29	27	46	34
Goats	7	25	(NA)	(NA)	5	(D)	2	(D)
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	42	128	23	69	29	95	16	30
($1,000)	(X)	183	(X)	(NA)	(X)	165	(X)	26
POULTRY								
Inventory:								
Any poultry	191	(X)	240	(X)	144	(X)	159	(X)
Chickens 3 months old or older	167	107 009	226	85 035	124	105 209	147	81 423
Hens and pullets of laying age	161	105 399	209	83 606	119	103 991	144	81 124
Pullets 3 months old or older	25	1 610	(NA)	(NA)	16	1 218	3	62
Pullet chicks and pullets under 3 months old	4	146	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	33	1 538	21	2 273	26	1 401	14	2 040
Turkeys	13	132	(NA)	(NA)	7	35	2	(D)
Turkeys for slaughter	10	(D)	(NA)	(NA)	4	(D)	1	(D)
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	4	(D)	1	(D)
Other poultry	57	(X)	(NA)	(X)	42	(X)	29	(X)
Sales:								
Any poultry	67	(X)	67	(X)	60	(X)	53	(X)
Chickens 3 months old or older	43	82 070	55	46 168	41	(D)	44	45 590
Hens and pullets of laying age	43	(D)	53	46 054	41	(D)	43	45 538
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	14	(D)	18	10 550	13	(D)	14	10 065
Turkeys	6	39	(NA)	(NA)	4	(D)	1	(D)
Turkeys for slaughter	6	39	(NA)	(NA)	4	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	14	(X)	(NA)	(X)	12	(X)	6	(X)
Poultry and poultry products ($1,000)	92	1 179	113	745	77	1 175	83	740

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	900	63 288	(X)	9	493	830	62 715	(X)	7	(D)
	1974	986	52 919	(X)	(NA)	(NA)	882	51 953	(X)	3	29
For grain or seed (bushels)	1978	889	60 341	5 024 736	9	493	821	59 780	4 993 985	7	(D)
	1974	962	48 782	3 128 113	(NA)	(NA)	867	47 944	3 091 315	3	29
For silage or green chop (tons, green)	1978	75	2 947	36 547	–	–	71	2 935	36 450	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	102	3 983	45 790	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	26	(X)	–	–
Sorghums for all purposes	1978	5	32	(X)	1	(D)	5	32	(X)	1	(D)
	1974	6	46	(X)	(NA)	(NA)	5	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	5	32	(D)	1	(D)	5	32	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	542	14 874	582 414	–	–	519	14 668	576 100	–	–
	1974	1 031	32 563	1 361 939	(NA)	(NA)	944	31 780	1 339 098	4	15
Oats for grain (bushels)	1978	312	4 523	313 082	–	–	289	4 387	305 451	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	396	6 627	397 099	2	(D)
Barley for grain (bushels)	1978	5	215	6 362	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	12	570	–	–
Rye for grain (bushels)	1978	5	32	785	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	15	137	2 724	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	1 200	100 566	2 343 192	7	149	1 055	98 364	2 308 415	5	(D)
	1974	1 340	89 041	1 766 507	(NA)	(NA)	1 206	87 376	1 741 531	9	352
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	20	2 981	640 845	5	726	15	2 979	640 703	5	726
	1974	28	2 901	515 977	(NA)	(NA)	24	2 900	515 927	4	353
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	319	7 011	15 350	–	–	255	6 314	14 282	–	–
	1974	293	4 579	9 074	(NA)	(NA)	243	4 029	8 179	3	35
Alfalfa hay (tons, dry)	1978	263	5 636	12 878	–	–	216	5 129	12 085	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	180	2 602	5 498	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	55	754	1 477	–	–	41	649	1 317	–	–
Field seed crops	1978	4	43	(X)	–	–	4	43	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	280	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	99	4 910	–	–
Red clover seed (pounds)	1978	4	43	(D)	–	–	4	43	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	127	8 286	–	–
All vegetables harvested for sale (see text)	1978	107	2 807	(X)	16	894	95	2 783	(X)	16	894
	1974	105	3 229	(X)	(NA)	(NA)	83	3 186	(X)	15	619
Sweet corn	1978	42	539	(X)	4	(D)	37	535	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	37	696	(X)	6	101
Tomatoes	1978	71	895	(X)	9	309	64	893	(X)	9	309
	1974	(NA)	(NA)	(X)	(NA)	(NA)	62	1 097	(X)	6	70
Green peas excluding cowpeas	1978	3	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	2	(X)	1	(D)
Land in orchards	1978	62	459	(X)	6	116	36	338	(X)	3	(D)
	1974	54	400	(X)	(NA)	(NA)	24	318	(X)	1	(Z)
Apples (pounds)	1978	52	385	3 278 926	(NA)	(NA)	30	290	3 218 286	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	250	2 297 150	(NA)	(NA)
Peaches (pounds)	1978	30	32	16 510	(NA)	(NA)	18	23	15 678	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	30	19	27 877	(NA)	(NA)	18	11	19 414	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	41	(D)	(NA)	(NA)
Berries	1978	27	79	(X)	6	37	22	77	(X)	6	37
	1974	22	33	(X)	(NA)	(NA)	17	32	(X)	3	4
Strawberries (pounds)	1978	22	54	148 658	5	32	19	53	147 333	5	32
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	30	109 510	3	4
Nursery and greenhouse products	1978	63	880	(X)	17	519	58	874	(X)	17	519
Other crops	1978	11	376	(X)	(NA)	(NA)	11	376	(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	1 210	243 125	1 310	240 034	856	217 134	938	211 250
Average size of farm	(X)	201	(X)	183	(X)	254	(X)	225
Approximate land area	(X)	455 680	(X)	455 680	(X)	455 680	(X)	455 680
Proportion in farms — percent	(X)	53.4	(X)	52.7	(X)	47.7	(X)	46.4
Value of land and buildings:[1]								
Average per farm — dollars	156 395	(X)	66 005	(X)	200 654	(X)	80 940	(X)
Average per acre — dollars	(X)	743	(X)	360	(X)	762	(X)	359
Land in farms according to use:								
Total cropland	1 189	182 467	1 292	169 746	844	167 601	934	154 112
Harvested cropland	1 164	142 710	1 258	128 427	835	134 989	929	121 590
By acres harvested:								
1 to 9 acres	48	287	69	(NA)	9	43	11	(NA)
10 to 19 acres	134	1 924	163	(NA)	30	448	31	(NA)
20 to 29 acres	130	3 088	122	(NA)	42	1 005	52	(NA)
30 to 49 acres	202	7 682	201	(NA)	117	4 601	154	(NA)
50 to 99 acres	239	16 533	311	(NA)	226	15 696	289	(NA)
100 to 199 acres	211	28 910	222	(NA)	211	28 910	222	(NA)
200 to 499 acres	156	49 441	137	(NA)	156	49 441	137	(NA)
500 to 999 acres	37	24 866	31	(NA)	37	24 866	31	(NA)
1,00036farms	7	9 979	2	(NA)	7	9 979	2	(NA)
Cropland used only for pasture	412	12 870	519	15 526	288	10 790	362	11 610
Other cropland	739	26 887	684	25 793	537	21 822	512	20 912
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	304	7 774	(NA)	(NA)	228	6 520	228	7 157
Cropland on which all crops failed	84	1 526	(NA)	(NA)	54	1 186	67	2 299
Cropland in cultivated summer fallow	253	6 083	(NA)	(NA)	188	5 218	218	4 753
Cropland idle	430	11 504	(NA)	(NA)	309	8 898	227	6 703
Total woodland	731	35 749	841	37 405	524	29 579	601	30 564
Woodland pastured	166	3 981	(NA)	(NA)	115	3 136	168	5 165
Woodland not pastured	641	31 768	(NA)	(NA)	468	26 443	514	25 399
Other land	931	24 909	1 086	32 883	649	19 954	793	26 574
Pastureland and rangeland, other than cropland and woodland pastured	145	5 054	(NA)	(NA)	104	4 089	179	5 934
Land in house lots, ponds, roads, wasteland, etc	903	19 855	(NA)	(NA)	636	15 865	757	20 640
Pastureland, all types	545	21 905	(NA)	(NA)	377	18 015	(NA)	22 709
Irrigated land	129	22 966	72	10 824	118	22 919	63	10 793
Harvested cropland irrigated	129	22 966	(NA)	(NA)	118	22 919	63	10 793
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	370	6 413	(X)	(X)	304	6 017	(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 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]	1 210	34 240	1 310	30 600	856	33 840	938	30 168
Average per farm — dollars	(X)	28 297	(X)	23 359	(X)	39 533	(X)	32 162
Farms by value of agricultural products sold:[1]								
$100,000 or more	72	17 764	59	(NA)	72	17 764	59	(NA)
$40,000 to $99,999	133	8 395	107	(NA)	133	8 395	107	(NA)
$20,000 to $39,999	123	3 516	159	(NA)	123	3 516	159	(NA)
$10,000 to $19,999	159	2 222	184	(NA)	159	2 222	184	(NA)
$5,000 to $9,999	181	1 255	219	(NA)	181	1 255	219	(NA)
$2,500 to $4,999	188	689	200	(NA)	188	689	200	(NA)
Less than $2,500 (see text)	353	(D)	381	(NA)	(X)	(X)	10	(NA)
$2,000 to $2,499	54	121	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	69	117	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	79	97	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	151	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	973	20 660	1 180	20 045	733	20 373	(NA)	19 708
Grains	814	9 097	(NA)	(NA)	661	8 922	816	9 199
Commodity Credit Corporation loans	80	352	(NA)	(NA)	73	349	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	348	1 069	(NA)	(NA)	245	975	312	545
Vegetables, sweet corn, and melons	40	923	(NA)	(NA)	28	917	32	450
Fruits, nuts, and berries	26	(D)	(NA)	(NA)	20	404	26	882
Nursery and greenhouse products	5	(D)	12	148	4	(D)	6	145
Other crops	60	9 101	(NA)	(NA)	58	(D)	59	8 487
Livestock, poultry, and their products	589	13 580	688	10 292	475	13 467	538	10 198
Poultry and poultry products	51	(D)	71	1 097	40	(D)	44	1 092
Dairy products	215	9 421	(NA)	(NA)	208	9 414	263	6 728
Cattle and calves	474	2 240	(NA)	(NA)	401	2 173	463	1 959
Hogs and pigs	150	855	(NA)	(NA)	119	833	105	345
Sheep, lambs, and wool	23	(D)	(NA)	(NA)	15	(D)	21	39
Other livestock and livestock products (see text)	50	165	(NA)	(NA)	32	155	23	34

[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	1 210	1 310	243 125	1 164	241 078	142 710	129	62 638	43 523	22 966
Farms with—										
1 to 9 acres	19	19	74	7	46	28	1	(D)	(D)	(D)
10 to 49 acres	190	171	6 265	172	5 658	3 326	12	380	169	87
50 to 69 acres	80	84	4 700	76	4 454	2 194	3	178	64	46
70 to 99 acres	196	246	15 987	188	15 327	7 069	5	422	176	111
100 to 139 acres	176	198	20 528	173	20 177	9 723	7	822	435	356
140 to 179 acres	136	171	21 280	135	21 125	10 556	12	1 803	1 326	330
180 to 219 acres	73	79	14 477	73	14 477	8 140	9	1 754	1 254	788
220 to 259 acres	62	73	14 626	62	14 626	8 128	1	(D)	(D)	(D)
260 to 499 acres	172	189	59 857	172	59 857	36 237	29	10 428	6 628	4 012
500 to 999 acres	87	67	57 199	87	57 199	38 717	34	23 094	16 904	8 970
1,000 to 1,999 acres	16	12	19 900	16	19 900	13 230	14	17 361	12 025	6 467
2,000 acres or more	3	1	8 232	3	8 232	5 362	2	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 210	243 125	1 310	240 034	856	217 134	938	211 250
Harvested cropland	1 164	142 710	1 258	128 427	835	134 989	929	121 590
Tenure of operator:								
Full owners	752	95 818	897	111 361	442	72 901	561	85 474
Harvested cropland	711	45 144	(NA)	49 389	423	38 664	(NA)	43 264
Part owners	386	135 040	374	123 512	355	132 565	345	120 916
Harvested cropland	383	88 086	(NA)	75 385	355	87 249	(NA)	74 779
Tenants	72	12 267	39	5 161	59	11 668	32	4 860
Harvested cropland	70	9 480	(NA)	3 653	57	9 076	(NA)	3 547
Type of organization:								
Individual or family	1 094	190 983	(NA)	(NA)	755	166 079	869	176 676
Partnership	101	39 217	(NA)	(NA)	87	38 170	63	27 510
Corporation	13	(D)	(NA)	(NA)	13	(D)	6	7 064
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(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	590	684	514	610
Other	620	619	342	322
Operators by age group:				
Under 25 years	41	25	31	16
25 to 34 years	175	167	127	129
35 to 44 years	266	285	180	194
45 to 54 years	280	284	198	206
55 to 64 years	258	341	197	246
65 years and over	190	201	123	141
Average age	49.1	50.5	49.0	50.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	963	1 004	696	734
Not on farm operated	116	129	76	72
Not reported	131	170	84	126
Operators reporting days of work off farm:				
None	462	385	381	334
1 to 49 days	85	81	69	58
50 to 99 days	40	44	30	23
100 to 149 days	23	28	20	25
150 to 199 days	62	69	43	40
200 days or more	506	496	285	286

[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	350	926	446	1 138	253	879	271	1 057
Feed for livestock and poultry	537	2 542	675	1 896	426	2 453	469	1 836
Commercially mixed formula feeds	247	1 353	422	1 194	219	1 325	319	1 173
Animal health costs	480	221	(NA)	(NA)	362	213	364	145
Seeds, bulbs, plants, and trees	974	2 542	1 028	1 792	753	2 462	799	1 763
Commercial fertilizer	985	3 903	1 061	3 277	788	3 799	826	3 206
Other agricultural chemicals including lime	928	1 683	744	1 156	774	1 638	645	1 140
Hired farm labor	398	2 268	365	1 732	390	2 237	303	1 719
Contract labor	41	134	18	16	41	134	15	15
Customwork, machine hire, and rental of machinery and equipment	571	655	552	535	434	624	438	519
Energy and petroleum products	1 208	2 828	(NA)	(NA)	870	2 672	(NA)	(NA)
Petroleum products	1 208	2 086	1 248	1 375	870	1 963	892	1 301
Gasoline	1 143	908	(NA)	(NA)	818	816	858	744
Diesel fuel	649	867	(NA)	(NA)	566	851	427	379
LP gas, butane, and propane	115	77	(NA)	(NA)	111	77	89	72
Fuel oil	98	41	(NA)	(NA)	87	40		
Natural gas	26	39	(NA)	(NA)	26	39	891	106
Kerosene, motor oil, and grease	1 208	154	(NA)	(NA)	870	140		
Electricity	818	722	(NA)	(NA)	607	690	(NA)	(NA)
Other—coal, wood, coke, etc.	73	21	(NA)	(NA)	44	19	(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	980	130 019	788	125 572	826	88 803
Cropland fertilized, except pasture	980	129 769	788	125 322	(NA)	88 309
Pasture and rangeland fertilized	25	250	25	250	(NA)	494
Lime	382	13 696	317	12 610	164	7 446
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	366	29 259	305	28 242	(NA)	26 228
Nematodes in crops	99	8 991	84	8 860	5	745
Diseases in crops and orchards	166	13 073	135	12 697	33	5 660
Weeds, grass, or brush in crops and pasture	705	88 755	581	86 001	(NA)	46 667
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	103	8 311	94	8 217	17	2 450
Insect control on livestock and poultry	232	(X)	205	(X)	55	(X)
Sanitation and rodent and bird control	122	(X)	102	(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	1 208	1 230	870	876
$1,000	41 092	25 224	38 458	22 473
Average per farm—dollars	34 016	20 507	44 205	25 654
Farms by value group:				
$1 to $4,999	131	237	62	99
$5,000 to $9,999	328	281	122	153
$10,000 to $19,999	284	299	229	231
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	112	165	109	148
$30,000 to $49,999	85	147	80	145
$50,000 to $69,999	114	41	114	41
$70,000 to $99,999	62	60	62	59
$100,000 to $199,999	62		62	
$200,000 or more	30		30	

	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	999	1 474	597	705	530	769	1 037	1 335	802
Motortrucks including pickups	947	1 512	554	628	569	884	954	1 399	592
Wheel tractors	1 183	3 160	244	366	1 136	2 794	1 158	2 676	404
Grain and bean combines, self-propelled only	360	391	64	74	310	317	241	264	41
Corn heads for combines	216	218	54	55	162	163	114	124	35
Other cornpickers and picker-shellers	490	511	40	41	451	470	480	488	85
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	370	382	84	84	286	298	277	286	72
Pickup balers	500	508	81	84	422	424	481	486	67
Field forage harvesters, shear bar or flywheel type	255	308	57	61	203	247	203	233	61

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	398	140	(X)	362	(X)	390	303
Workers	1 559	(X)	340	(X)	1 219	1 535	2 083
Farms with—							
1 worker	121	68	68	119	119	120	112
2 workers	75	36	72	80	160	75	44
3 or 4 workers	102	27	94	97	333	96	47
5 to 9 workers	75	7	(D)	49	301	74	44
10 workers or more	25	2	(D)	17	306	25	56

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	698	(X)	747	(X)	502	(X)	557	(X)
Any cattle, hogs, or sheep	619	(X)	702	(X)	460	(X)	529	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	589	13 580	688	10 292	475	13 467	538	10 198
Any cattle, hogs, or sheep ($1,000)	546	(D)	652	(NA)	450	(D)	519	2 343
CATTLE AND CALVES								
Inventory:								
Cattle and calves	548	21 006	639	25 210	408	19 912	486	23 325
Cows and heifers that had calved	401	10 120	474	11 254	309	9 748	384	10 587
Beef cows	172	1 432	211	2 434	106	1 146	135	1 837
Milk cows	256	8 688	313	8 820	225	8 602	288	8 750
Heifers and heifer calves	408	7 081	(NA)	(NA)	312	6 774	343	6 495
Steers, steer calves, bulls and bull calves	438	3 805	(NA)	(NA)	334	3 390	405	6 243
Sales:								
Cattle and calves	474	7 693	558	8 898	401	7 419	463	8 554
($1,000)	(X)	2 240	(X)	(NA)	(X)	2 173	(X)	1 959
Calves	296	3 193	(NA)	(NA)	254	3 056	237	3 116
($1,000)	(X)	336	(X)	(NA)	(X)	320	(X)	212
Cattle	415	4 500	(NA)	(NA)	360	4 363	428	5 438
($1,000)	(X)	1 904	(X)	(NA)	(X)	1 854	(X)	1 747
Fattened cattle	152	1 536	(NA)	(NA)	122	1 466	151	2 403
($1,000)	(X)	711	(X)	(NA)	(X)	683	(X)	841
Dairy products ($1,000)	215	9 421	(NA)	(NA)	208	9 414	263	6 728
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	168	8 163	161	4 035	118	7 750	106	3 529
Used or to be used for breeding	113	1 520	(NA)	(NA)	84	1 412	58	613
Other hogs and pigs	161	6 643	(NA)	(NA)	114	6 338	101	2 916
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	120	1 638	106	763	88	1 536	72	661
Dec. 1 of preceding year and May 31	86	767	68	370	62	713	42	320
June 1 and Nov. 30	103	871	80	393	82	823	56	341
Sheep and lambs	27	796	34	1 955	17	573	20	1 603
Ewes 1 year old or older	21	483	(NA)	(NA)	14	347	19	1 073
Goats	10	59	(NA)	(NA)	5	34	–	–
Horses and ponies	173	655	203	670	97	325	117	373
Sales:								
Hogs and pigs	150	11 163	145	5 775	119	10 647	105	5 212
($1,000)	(X)	855	(X)	(NA)	(X)	833	(X)	345
Feeder pigs	58	4 676	51	1 660	47	4 340	32	1 346
($1,000)	(X)	200	(X)	(NA)	(X)	192	(X)	29
Sheep and lambs	19	470	28	1 458	13	373	21	1 300
Sheep and lambs shorn	21	693	(NA)	(NA)	14	535	20	1 216
Pounds of wool	(X)	5 270	(X)	(NA)	(X)	3 946	(X)	13 055
Sheep, lambs, and wool ($1,000)	23	(D)	(NA)	(NA)	15	(D)	21	39
Goats	6	21	(NA)	(NA)	4	(D)	–	–
($1,000)	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	26	52	22	43	15	34	18	30
($1,000)	(X)	30	(X)	(NA)	(X)	21	(X)	21
POULTRY								
Inventory:								
Any poultry	145	(X)	179	(X)	76	(X)	103	(X)
Chickens 3 months old or older	133	71 545	164	(D)	70	(D)	88	(D)
Hens and pullets of laying age	131	71 319	152	(D)	68	(D)	85	(D)
Pullets 3 months old or older	15	226	(NA)	(NA)	8	122	2	(D)
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	1	(D)	1	(D)
Broilers and other meat-type chickens	24	770	28	1 160	9	366	20	1 022
Turkeys	12	5 138	(NA)	(NA)	8	5 129	4	18 254
Turkeys for slaughter	9	(D)	(NA)	(NA)	7	(D)	3	(D)
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	27	(X)	(NA)	(X)	11	(X)	10	(X)
Sales:								
Any poultry	31	(X)	53	(X)	26	(X)	35	(X)
Chickens 3 months old or older	22	34 326	47	111 026	19	34 188	30	110 484
Hens and pullets of laying age	22	(D)	42	110 597	19	(D)	26	110 125
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	6	283	6	364	4	(D)	5	(D)
Turkeys	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkeys for slaughter	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	1	(D)
Other poultry	2	(X)	(NA)	(X)	1	(X)	3	(X)
Poultry and poultry products ($1,000)	51	(D)	71	1 097	40	(D)	44	1 092

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	835	51 149	(X)	75	6 495	671	49 085	(X)	71	6 482
	1974	892	42 017	(X)	(NA)	(NA)	729	40 189	(X)	14	1 214
For grain or seed (bushels)	1978	820	44 924	3 192 454	74	6 047	665	43 074	3 107 116	70	6 034
	1974	869	35 957	2 092 957	(NA)	(NA)	710	34 266	2 025 998	13	974
For silage or green chop (tons, green)	1978	213	6 225	62 658	16	448	192	6 011	60 837	16	448
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	215	5 833	54 199	3	240
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	90	(X)	–	–
Sorghums for all purposes	1978	23	290	(X)	1	(D)	21	(D)	(X)	1	(D)
	1974	29	403	(X)	(NA)	(NA)	22	337	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	7	53	1 989	(NA)	(NA)	7	(D)	1 989	–	–
For silage or green chop (tons, green)	1978	23	290	2 178	1	(D)	21	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	274	2 262	–	–
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)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	401	13 116	417 028	7	283	349	12 552	403 409	7	283
	1974	745	23 477	855 639	(NA)	(NA)	617	22 015	818 486	3	115
Oats for grain (bushels)	1978	384	8 549	398 633	4	133	329	7 970	378 447	4	133
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	329	6 349	290 761	–	–
Barley for grain (bushels)	1978	12	324	14 723	–	–	12	324	14 723	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	42	1 382	–	–
Rye for grain (bushels)	1978	70	2 329	52 823	–	–	62	2 270	51 693	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	67	1 357	28 229	–	–
Other small grains for grain	1978	9	152	(X)	–	–	6	101	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	129	(X)	–	–
Soybeans for beans (bushels)	1978	131	5 662	133 444	8	285	116	5 398	128 986	8	285
	1974	88	2 035	44 828	(NA)	(NA)	72	1 859	42 006	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	63	9 158	2 552 573	51	8 832	61	(D)	(D)	49	(D)
	1974	69	8 543	2 313 403	(NA)	(NA)	62	8 535	2 311 968	40	7 686
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	753	33 385	81 702	24	1 231	541	29 527	75 515	22	(D)
	1974	725	27 407	60 135	(NA)	(NA)	562	24 558	55 665	1	(D)
Alfalfa hay (tons, dry)	1978	662	24 446	66 421	21	802	483	21 200	60 864	19	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	471	16 864	40 015	–	–
Other tame dry hay (tons, dry) (see text)	1978	108	1 971	2 939	–	–	77	1 579	2 504	–	–
Field seed crops	1978	19	364	(X)	–	–	14	306	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	100	1 413	(X)	–	–
Alfalfa seed (pounds)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	10	650	–	–
Red clover seed (pounds)	1978	14	285	30 681	–	–	10	237	28 105	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	96	1 389	145 997	–	–
All vegetables harvested for sale (see text)	1978	40	1 728	(X)	16	1 093	28	1 706	(X)	13	1 091
	1974	48	1 284	(X)	(NA)	(NA)	32	1 267	(X)	12	771
Sweet corn	1978	12	(D)	(X)	2	(D)	9	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	5	(X)	2	(D)
Tomatoes	1978	6	2	(X)	3	(D)	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas	1978	4	240	(X)	4	240	4	240	(X)	4	240
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	25	755	(X)	4	141	16	684	(X)	4	141
	1974	34	1 331	(X)	(NA)	(NA)	22	1 293	(X)	2	(D)
Apples (pounds)	1978	21	654	5 994 416	(NA)	(NA)	15	605	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 059	10 828 900	(NA)	(NA)
Peaches (pounds)	1978	5	12	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	20	273 920	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	14	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	14	88	(X)	11	81	8	(D)	(X)	6	71
	1974	16	33	(X)	(NA)	(NA)	8	9	(X)	2	(D)
Strawberries (pounds)	1978	7	9	11 800	5	8	4	7	9 970	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	6	36 559	1	(D)
Nursery and greenhouse products	1978	5	101	(X)	3	31	4	(D)	(X)	2	(D)
Other crops	1978	195	18 191	(X)	(NA)	(NA)	181	17 977	(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	110	27 048	108	24 500	74	23 375	73	20 597
Average size of farm	(X)	246	(X)	227	(X)	316	(X)	282
Approximate land area	(X)	355 200	(X)	355 200	(X)	355 200	(X)	355 200
Proportion in farms — percent	(X)	7.6	(X)	6.9	(X)	6.6	(X)	5.8
Value of land and buildings:[1]								
Average per farm — dollars	123 119	(X)	74 611	(X)	150 481	(X)	94 110	(X)
Average per acre — dollars	(X)	548	(X)	329	(X)	540	(X)	334
Land in farms according to use:								
Total cropland	108	16 327	106	14 507	73	14 390	71	12 323
Harvested cropland	101	10 972	101	9 684	69	10 203	68	8 649
By acres harvested:								
1 to 9 acres	7	45	4	(NA)	1	(D)	2	(NA)
10 to 19 acres	10	124	7	(NA)	3	38	1	(NA)
20 to 29 acres	8	187	9	(NA)	4	98	1	(NA)
30 to 49 acres	19	702	19	(NA)	5	203	10	(NA)
50 to 99 acres	20	1 434	29	(NA)	19	(D)	21	(NA)
100 to 199 acres	24	3 291	21	(NA)	24	3 291	21	(NA)
200 to 499 acres	10	3 081	11	(NA)	10	3 081	11	(NA)
500 to 999 acres	3	2 108	1	(NA)	3	2 108	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	63	2 745	67	4 074	46	2 332	44	3 021
Other cropland	49	2 610	23	749	35	1 855	20	653
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	24	572	(NA)	(NA)	17	422	4	166
Cropland on which all crops failed	17	519	(NA)	(NA)	7	231	1	(D)
Cropland in cultivated summer fallow	17	668	(NA)	(NA)	10	485	14	340
Cropland idle	20	851	(NA)	(NA)	15	717	5	(D)
Total woodland	75	6 167	68	7 033	55	4 950	42	5 667
Woodland pastured	39	2 234	(NA)	(NA)	31	1 891	28	3 149
Woodland not pastured	58	3 933	(NA)	(NA)	40	3 059	28	2 518
Other land	93	4 554	78	2 960	63	4 035	53	2 607
Pastureland and rangeland, other than cropland and woodland pastured	14	3 302	(NA)	(NA)	11	3 233	19	1 293
Land in house lots, ponds, roads, wasteland, etc	87	1 252	(NA)	(NA)	59	802	45	1 314
Pastureland, all types	77	8 281	(NA)	(NA)	55	7 456	(NA)	7 463
Irrigated land	–	–	1	(D)	–	–	–	–
Harvested cropland irrigated	–	–	(NA)	(NA)	–	–	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	24	282	(X)	(X)	21	274	(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]	110	2 026	108	1 574	74	1 993	73	1 530
Average per farm — dollars	(X)	18 418	(X)	14 574	(X)	26 936	(X)	20 959
Farms by value of agricultural products sold:[1]								
$100,000 or more	5	799	1	(NA)	5	799	1	(NA)
$40,000 to $99,999	7	509	11	(NA)	7	509	11	(NA)
$20,000 to $39,999	12	348	12	(NA)	12	348	12	(NA)
$10,000 to $19,999	9	137	15	(NA)	9	137	15	(NA)
$5,000 to $9,999	14	101	16	(NA)	14	101	16	(NA)
$2,500 to $4,999	27	98	16	(NA)	27	98	16	(NA)
Less than $2,500 (see text)	36	33	37	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	4	9	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	4	7	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	10	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	18	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	54	437	67	269	42	424	(NA)	248
Grains	37	242	(NA)	(NA)	30	237	29	154
Commodity Credit Corporation loans	5	13	(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	38	(D)	(NA)	(NA)	30	(D)	36	(D)
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	–	–	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	–	–
Other crops	–	–	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	71	1 589	85	1 302	56	1 569	63	1 278
Poultry and poultry products	4	2	8	20	2	(D)	4	(D)
Dairy products	23	1 195	(NA)	(NA)	23	1 195	29	975
Cattle and calves	65	360	(NA)	(NA)	52	345	57	262
Hogs and pigs	8	6	(NA)	(NA)	5	5	6	4
Sheep, lambs, and wool	7	18	(NA)	(NA)	6	(D)	6	19
Other livestock and livestock products (see text)	5	7	(NA)	(NA)	3	(D)	1	(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	110	108	27 048	101	25 716	10 972	–	–	–	–
Farms with—										
1 to 9 acres	2	1	(D)	–	–	–	–	–	–	–
10 to 49 acres	10	15	300	10	300	148	–	–	–	–
50 to 69 acres	4	2	233	4	233	106	–	–	–	–
70 to 99 acres	12	9	961	12	961	463	–	–	–	–
100 to 139 acres	18	12	2 045	15	1 667	450	–	–	–	–
140 to 179 acres	9	16	1 378	8	1 218	412	–	–	–	–
180 to 219 acres	13	14	2 579	13	2 579	1 352	–	–	–	–
220 to 259 acres	8	7	1 893	7	1 649	665	–	–	–	–
260 to 499 acres	24	23	8 147	22	7 599	3 535	–	–	–	–
500 to 999 acres	8	8	(D)	8	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	2	1	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	110	27 048	108	24 500	74	23 375	73	20 597
Harvested cropland	101	10 972	101	9 684	69	10 203	68	8 649
Tenure of operator:								
Full owners	73	(D)	86	14 096	43	8 092	51	(D)
Harvested cropland	64	(D)	(NA)	5 221	38	3 025	(NA)	4 186
Part owners	36	15 799	21	(D)	31	15 283	21	10 299
Harvested cropland	36	7 316	(NA)	4 358	31	7 178	(NA)	4 358
Tenants	1	(D)	1	(D)	–	–	1	(D)
Harvested cropland	1	(D)	(NA)	105	–	–	(NA)	105
Type of organization:								
Individual or family	104	24 367	(NA)	(NA)	68	20 694	72	(D)
Partnership	3	1 866	(NA)	(NA)	3	1 866	–	–
Corporation	3	815	(NA)	(NA)	3	815	1	(D)
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	53	73	46	63
Other	57	34	28	9
Operators by age group:				
Under 25 years	2	3	1	3
25 to 34 years	11	3	8	1
35 to 44 years	23	25	14	20
45 to 54 years	19	25	10	19
55 to 64 years	36	32	30	15
65 years and over	19	19	11	14
Average age	51.2	53.5	52.1	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	87	82	60	59
Not on farm operated	8	6	4	1
Not reported	15	19	10	12
Operators reporting days of work off farm:				
None	39	38	29	32
1 to 49 days	8	4	6	4
50 to 99 days	4	6	4	5
100 to 149 days	6	9	5	3
150 to 199 days	6	12	3	9
200 days or more	45	23	25	6

[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	28	47	33	110	23	46	22	106
Feed for livestock and poultry	62	239	73	298	52	234	48	288
Commercially mixed formula feeds	29	168	44	200	25	165	33	198
Animal health costs	52	12	(NA)	(NA)	50	(D)	34	13
Seeds, bulbs, plants, and trees	64	53	60	48	49	51	45	46
Commercial fertilizer	76	132	66	84	63	128	50	80
Other agricultural chemicals including lime	44	27	24	13	42	(D)	22	(D)
Hired farm labor	28	95	39	73	28	95	33	72
Contract labor	6	7	4	3	6	7	2	(D)
Customwork, machine hire, and rental of machinery and equipment	33	27	32	19	29	26	27	19
Energy and petroleum products	108	159	(NA)	(NA)	78	150	(NA)	(NA)
Petroleum products	108	115	101	93	78	108	68	81
Gasoline	98	54	(NA)	(NA)	72	49	67	53
Diesel fuel	54	41	(NA)	(NA)	47	39	32	19
LP gas, butane, and propane	13	9	(NA)	(NA)	11	(D)	6	2
Fuel oil	10	(D)	(NA)	(NA)	10	(D)		
Natural gas	2	(D)	(NA)	(NA)	–	–	66	7
Kerosene, motor oil, and grease	108	9	(NA)	(NA)	78	8		
Electricity	74	43	(NA)	(NA)	64	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	9	1	(NA)	(NA)	7	(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	72	5 037	59	4 805	50	4 022
Cropland fertilized, except pasture	72	(D)	59	(D)	(NA)	3 888
Pasture and rangeland fertilized	1	(D)	1	(D)	(NA)	134
Lime	4	150	4	150	2	(D)
Sprays, dusts, granules, fumigants, etc. to control –						
Insects on hay and other crops	7	808	7	808	(NA)	473
Nematodes in crops	3	260	3	260	–	–
Diseases in crops and orchards	3	102	3	102	–	–
Weeds, grass, or brush in crops and pasture	36	2 700	36	2 700	(NA)	1 297
Chemicals for –						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	29	(X)	29	(X)	3	(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	110	101	78	68
$1,000	3 375	2 022	3 079	1 719
Average per farm – dollars	30 678	20 020	39 480	25 279
Farms by value group:				
$1 to $4,999	13	23	8	9
$5,000 to $9,999	35	12	15	5
$10,000 to $19,999	20	27	17	22

	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	14	22	12	15
$30,000 to $49,999	8	9	6	9
$50,000 to $69,999	3	3	3	3
$70,000 to $99,999	7	5	7	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	91	114	50	54	54	60	87	112	71
Motortrucks including pickups	86	104	48	49	51	55	77	92	37
Wheel tractors	106	239	25	33	100	206	93	216	41
Grain and bean combines, self-propelled only	28	32	4	4	24	28	26	26	6
Corn heads for combines	4	4	1	(D)	3	(D)	4	4	1
Other cornpickers and picker-shellers	3	4	1	(D)	2	(D)	7	7	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	48	64	15	15	35	49	48	54	17
Pickup balers	72	88	11	11	63	77	71	72	15
Field forage harvesters, shear bar or flywheel type	21	22	5	5	17	17	23	26	15

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	28	10	(X)	26	(X)	28	33
Workers	121	(X)	15	(X)	106	121	145
Farms with –							
1 worker	5	7	7	5	5	5	11
2 workers	2	2	(D)	2	(D)	2	4
3 or 4 workers	6	1	(D)	7	24	6	8
5 to 9 workers	14	–	–	11	(D)	14	6
10 workers or more	1	–	–	1	(D)	1	4

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	80	(X)	85	(X)	56	(X)	62	(X)
Any cattle, hogs, or sheep	74	(X)	81	(X)	54	(X)	60	(X)
Sales:								
Any livestock or poultry and their products $1,000	71	1 589	85	1 302	56	1 569	63	1 278
Any cattle, hogs, or sheep $1,000	70	385	78	(NA)	55	(D)	61	285
CATTLE AND CALVES								
Inventory:								
Cattle and calves	70	3 107	77	4 365	51	2 957	56	3 988
Cows and heifers that had calved	58	1 612	63	2 217	44	1 546	47	1 974
Beef cows	35	526	39	934	24	468	24	698
Milk cows	32	1 086	33	1 283	26	1 078	30	1 276
Heifers and heifer calves	59	1 018	(NA)	(NA)	45	979	45	1 089
Steers, steer calves, bulls and bull calves	58	477	(NA)	(NA)	42	432	46	925
Sales:								
Cattle and calves	65	1 279	73	1 533	52	1 209	57	1 383
$1,000	(X)	360	(X)	(NA)	(X)	345	(X)	262
Calves	46	596	(NA)	(NA)	36	549	36	631
$1,000	(X)	89	(X)	(NA)	(X)	81	(X)	50
Cattle	52	683	(NA)	(NA)	44	660	46	752
$1,000	(X)	271	(X)	(NA)	(X)	264	(X)	212
Fattened cattle	11	219	(NA)	(NA)	8	208	2	(D)
$1,000	(X)	105	(X)	(NA)	(X)	102	(X)	(D)
Dairy products $1,000	23	1 195	(NA)	(NA)	23	1 195	29	975
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	4	42	6	130	2	(D)	5	(D)
Used or to be used for breeding	3	(D)	(NA)	(NA)	1	(D)	3	(D)
Other hogs and pigs	4	(D)	(NA)	(NA)	2	(D)	4	112
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	4	11	3	25	2	(D)	3	25
Dec. 1 of preceding year and May 31	3	6	3	(D)	1	(D)	3	(D)
June 1 and Nov. 30	3	5	2	(D)	2	(D)	2	(D)
Sheep and lambs	7	444	9	783	6	(D)	6	748
Ewes 1 year old or older	7	288	(NA)	(NA)	6	(D)	6	448
Goats	–	–	(NA)	(NA)	–	–	2	(D)
Horses and ponies	23	170	19	50	13	131	7	19
Sales:								
Hogs and pigs	8	78	6	204	5	49	6	204
$1,000	(X)	6	(X)	(NA)	(X)	5	(X)	4
Feeder pigs	2	(D)	3	183	1	(D)	3	183
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	3
Sheep and lambs	7	286	7	513	6	(D)	6	(D)
Sheep and lambs shorn	7	310	(NA)	(NA)	6	(D)	6	601
Pounds of wool	(X)	2 261	(X)	(NA)	(X)	(D)	(X)	3 961
Sheep, lambs, and wool $1,000	7	18	(NA)	(NA)	6	(D)	6	19
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	3	(D)	1	(D)	3	(D)	–	–
$1,000	(X)	7	(X)	(NA)	(X)	7	(X)	–
POULTRY								
Inventory:								
Any poultry	14	(X)	14	(X)	9	(X)	8	(X)
Chickens 3 months old or older	13	583	14	3 372	8	414	8	3 290
Hens and pullets of laying age	12	(D)	13	3 289	7	(D)	8	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	3	44	–	–	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	3	(X)	3	(X)	1	(X)	3	(X)
Chickens 3 months old or older	2	(D)	3	2 850	–	–	3	2 850
Hens and pullets of laying age	2	(D)	3	2 850	–	–	3	2 850
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	–	–	(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	4	(D)	8	20	2	(D)	4	(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	41	2 694	(X)	–	–	35	2 653	(X)	–	–
	1974	42	2 050	(X)	(NA)	(NA)	40	(D)	(X)	–	–
For grain or seed (bushels)	1978	27	1 514	101 304	–	–	22	(D)	99 674	–	–
	1974	14	655	28 103	(NA)	(NA)	14	655	28 103	–	–
For silage or green chop (tons, green)	1978	24	1 180	12 455	–	–	23	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	32	1 391	13 086	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(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	176	4 670	–	–	11	(D)	(D)	–	–
	1974	17	342	13 744	(NA)	(NA)	14	326	13 344	–	–
Oats for grain (bushels)	1978	52	1 942	94 222	–	–	43	1 803	90 022	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	47	1 550	83 810	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	191	6 814	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	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	90	6 269	11 674	–	–	62	5 707	11 017	–	–
	1974	93	5 301	9 663	(NA)	(NA)	61	4 382	8 522	–	–
Alfalfa hay (tons, dry)	1978	87	4 653	8 953	–	–	60	4 147	8 327	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	51	2 705	5 491	–	–
Other tame dry hay (tons, dry) (see text)	1978	8	269	575	–	–	7	(D)	(D)	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	61	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	61	2 677	–	–
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	1	(D)	(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	2	(D)	(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	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	(NA)	(NA)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	493	87 218	465	81 648	346	78 316	263	66 779
Average size of farm	(X)	177	(X)	176	(X)	226	(X)	254
Approximate land area	(X)	320 640	(X)	320 640	(X)	320 640	(X)	320 640
Proportion in farms, percent	(X)	27.2	(X)	25.5	(X)	24.4	(X)	20.8
Value of land and buildings:[1]								
Average per farm, dollars	147 293	(X)	84 824	(X)	192 727	(X)	124 053	(X)
Average per acre, dollars	(X)	877	(X)	483	(X)	870	(X)	489
Land in farms according to use:								
Total cropland	489	60 651	453	56 531	344	55 422	258	48 212
Harvested cropland	464	48 568	430	42 928	332	45 648	254	39 172
By acres harvested:								
1 to 9 acres	66	272	75	(NA)	36	144	17	(NA)
10 to 19 acres	68	889	63	(NA)	33	415	28	(NA)
20 to 29 acres	55	1 311	30	(NA)	25	613	10	(NA)
30 to 49 acres	84	3 241	85	(NA)	57	2 232	37	(NA)
50 to 99 acres	88	6 093	80	(NA)	78	5 482	65	(NA)
100 to 199 acres	48	6 807	51	(NA)	48	6 807	51	(NA)
200 to 499 acres	41	12 291	37	(NA)	41	12 291	37	(NA)
500 to 999 acres	8	5 098	4	(NA)	8	5 098	4	(NA)
1,000 acres or more	6	12 566	5	(NA)	6	12 566	5	(NA)
Cropland used only for pasture	184	4 482	209	6 745	130	3 524	116	4 248
Other cropland	262	7 601	198	6 858	187	6 250	117	4 792
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	88	2 150	(NA)	(NA)	65	1 819	37	749
Cropland on which all crops failed	41	774	(NA)	(NA)	32	675	28	660
Cropland in cultivated summer fallow	49	677	(NA)	(NA)	35	533	47	752
Cropland idle	168	4 000	(NA)	(NA)	112	3 223	59	2 631
Total woodland	308	15 480	257	13 716	219	12 988	138	10 858
Woodland pastured	77	4 049	(NA)	(NA)	60	3 466	40	1 371
Woodland not pastured	264	11 431	(NA)	(NA)	184	9 522	119	9 487
Other land	378	11 087	355	11 401	270	9 906	195	7 709
Pastureland and rangeland, other than cropland and woodland pastured	53	3 418	(NA)	(NA)	38	3 127	34	1 524
Land in house lots, ponds, roads, wasteland, etc	361	7 669	(NA)	(NA)	258	6 779	193	6 185
Pastureland, all types	239	11 949	(NA)	(NA)	170	10 117	(NA)	7 143
Irrigated land	50	1 362	38	3 384	41	1 321	27	3 362
Harvested cropland irrigated	50	(D)	(NA)	(NA)	41	(D)	27	3 362
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	111	2 562	(X)	(X)	98	2 497	(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]	493	18 144	465	13 097	346	17 980	263	12 852
Average per farm, dollars	(X)	36 803	(X)	28 166	(X)	51 965	(X)	48 867
Farms by value of agricultural products sold:[1]								
$100,000 or more	45	11 879	27	(NA)	45	11 879	27	(NA)
$40,000 to $99,999	55	3 548	50	(NA)	55	3 548	50	(NA)
$20,000 to $39,999	36	1 003	41	(NA)	36	1 003	41	(NA)
$10,000 to $19,999	46	690	45	(NA)	46	690	45	(NA)
$5,000 to $9,999	84	590	55	(NA)	84	590	55	(NA)
$2,500 to $4,999	80	271	41	(NA)	80	271	41	(NA)
Less than $2,500 (see text)	147	164	206	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	24	55	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	23	39	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	31	40	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	69	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	354	10 232	374	7 776	273	10 138	(NA)	7 626
Grains	171	1 284	(NA)	(NA)	145	1 259	148	944
Commodity Credit Corporation loans	11	89	(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	162	(D)	(NA)	(NA)	115	(D)	104	348
Vegetables, sweet corn, and melons	60	2 971	(NA)	(NA)	50	2 964	36	2 587
Fruits, nuts, and berries	76	4 520	(NA)	(NA)	62	4 507	44	2 995
Nursery and greenhouse products	23	792	23	694	20	788	15	686
Other crops	4	(D)	(NA)	(NA)	3	(D)	6	66
Livestock, poultry, and their products	290	7 912	281	5 286	222	7 842	181	5 193
Poultry and poultry products	33	(D)	37	201	25	(D)	13	194
Dairy products	83	4 550	(NA)	(NA)	80	4 549	85	3 025
Cattle and calves	219	2 715	(NA)	(NA)	176	2 676	160	1 650
Hogs and pigs	72	396	(NA)	(NA)	58	384	26	265
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	2	(D)	4	1
Other livestock and livestock products (see text)	32	44	(NA)	(NA)	19	32	8	59

[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	493	465	87 218	464	85 795	48 568	50	9 661	6 172	1 362
Farms with—										
1 to 9 acres	22	26	76	18	62	32	6	19	9	9
10 to 49 acres	133	114	4 038	117	3 633	1 909	22	579	248	143
50 to 69 acres	60	33	3 535	56	3 290	1 640	1	(D)	(D)	(D)
70 to 99 acres	71	83	5 740	70	5 650	2 783	4	341	226	188
100 to 139 acres	66	66	7 783	64	7 568	3 438	4	494	415	87
140 to 179 acres	26	29	4 132	25	3 958	2 180	2	(D)	(D)	(D)
180 to 219 acres	24	29	4 688	24	4 688	2 600	–	–	–	–
220 to 259 acres	23	15	5 464	23	5 464	3 352	1	(D)	(D)	(D)
260 to 499 acres	42	48	14 647	41	14 367	9 198	3	962	784	100
500 to 999 acres	20	17	(D)	20	(D)	(D)	6	3 750	2 408	470
1,000 to 1,999 acres	2	1	(D)	2	(D)	(D)	–	–	–	–
2,000 acres or more	4	4	20 786	4	20 786	10 554	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	493	87 218	465	81 648	346	78 316	263	66 779
Harvested cropland	464	48 568	430	42 928	332	45 648	254	39 172
Tenure of operator:								
Full owners	331	39 632	345	42 502	204	31 814	156	28 391
Harvested cropland	307	17 825	(NA)	16 975	192	15 378	(NA)	13 509
Part owners	147	46 979	111	37 333	131	46 042	103	37 029
Harvested cropland	145	30 304	(NA)	25 311	131	29 864	(NA)	25 204
Tenants	15	607	9	1 813	11	460	4	1 359
Harvested cropland	12	439	(NA)	642	9	406	(NA)	459
Type of organization:								
Individual or family	433	65 256	(NA)	(NA)	296	56 833	230	40 125
Partnership	49	11 369	(NA)	(NA)	39	10 890	26	7 344
Corporation	10	(D)	(NA)	(NA)	10	(D)	7	19 310
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	201	206	181	175
Other	292	252	165	81
Operators by age group:				
Under 25 years	7	13	6	9
25 to 34 years	52	35	36	19
35 to 44 years	107	95	73	50
45 to 54 years	122	115	88	73
55 to 64 years	135	151	98	83
65 years and over	70	49	45	22
Average age	50.3	50.9	50.0	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	385	370	272	198
Not on farm operated	68	36	48	27
Not reported	40	52	26	31
Operators reporting days of work off farm:				
None	144	127	121	99
1 to 49 days	31	21	23	16
50 to 99 days	8	8	7	4
100 to 149 days	20	15	15	9
150 to 199 days	40	35	32	12
200 days or more	236	193	135	65

[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	204	1 516	201	1 064	143	1 484	101	1 029
Feed for livestock and poultry	270	1 094	288	1 066	185	1 047	150	1 003
Commercially mixed formula feeds	145	531	164	441	117	518	92	413
Animal health costs	241	110	(NA)	(NA)	173	102	133	66
Seeds, bulbs, plants, and trees	324	568	333	386	260	555	211	372
Commercial fertilizer	390	1 040	356	892	289	1 014	227	865
Other agricultural chemicals including lime	340	555	259	522	272	548	182	516
Hired farm labor	200	2 156	175	1 926	164	2 126	123	1 913
Contract labor	53	498	14	82	48	495	11	81
Customwork, machine hire, and rental of machinery and equipment	216	276	187	148	153	261	125	139
Energy and petroleum products	484	1 317	(NA)	(NA)	336	1 251	(NA)	(NA)
Petroleum products	484	953	448	596	336	908	258	560
Gasoline	452	443	(NA)	(NA)	313	410	257	290
Diesel fuel	225	276	(NA)	(NA)	206	273	150	170
LP gas, butane, and propane	43	22	(NA)	(NA)	38	21	28	19
Fuel oil	31	22	(NA)	(NA)	31	22		
Natural gas	34	120	(NA)	(NA)	34	120	256	81
Kerosene, motor oil, and grease	484	69	(NA)	(NA)	336	62		
Electricity	369	358	(NA)	(NA)	281	338	(NA)	(NA)
Other—coal, wood, coke, etc.	51	6	(NA)	(NA)	26	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		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	365	38 855	274	37 841	227	26 207
Cropland fertilized, except pasture	365	38 743	274	37 729	(NA)	26 088
Pasture and rangeland fertilized	12	112	12	112	(NA)	119
Lime	90	2 383	76	2 307	23	692
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	179	17 503	146	17 299	(NA)	11 999
Nematodes in crops	9	869	9	869	6	50
Diseases in crops and orchards	61	4 027	46	3 897	19	2 623
Weeds, grass, or brush in crops and pasture	242	21 964	203	21 637	(NA)	16 560
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	10	1 080	10	1 080	5	609
Insect control on livestock and poultry	114	(X)	99	(X)	21	(X)
Sanitation and rodent and bird control	72	(X)	67	(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	484	456	336	254
$1,000	15 560	9 430	14 504	7 863
Average per farm—dollars	32 148	20 680	43 168	30 957
Farms by value group:				
$1 to $4,999	89	96	56	29
$5,000 to $9,999	137	139	55	46
$10,000 to $19,999	92	84	69	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	50	40	40	28
$30,000 to $49,999	16	42	16	38
$50,000 to $69,999	22	28	22	28
$70,000 to $99,999	20		20	
$100,000 to $199,999	45	27	45	27
$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	332	449	177	227	186	222	349	458	280
Motortrucks including pickups	417	656	213	250	259	406	377	562	240
Wheel tractors	443	1 151	117	230	422	921	422	1 024	186
Grain and bean combines, self-propelled only	46	48	8	9	38	39	36	39	17
Corn heads for combines	42	45	9	11	33	34	27	30	20
Other cornpickers and picker-shellers	180	181	28	29	152	152	157	158	27
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	165	188	40	41	125	147	139	142	56
Pickup balers	203	206	38	41	165	165	191	197	32
Field forage harvesters, shear bar or flywheel type	98	111	42	44	58	67	97	116	34

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	200	94	(X)	155	(X)	164	123
Workers	2 384	(X)	342	(X)	2 042	1 935	2 942
Farms with—							
1 worker	42	39	39	25	25	37	29
2 workers	37	12	24	37	74	28	16
3 or 4 workers	43	32	100	25	90	39	21
5 to 9 workers	34	6	37	26	140	25	13
10 workers or more	44	5	142	42	1 713	35	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	326	(X)	306	(X)	234	(X)	177	(X)
Any cattle, hogs, or sheep	280	(X)	272	(X)	209	(X)	169	(X)
Sales:								
Any livestock or poultry and their products $1,000	290	7 912	281	5 286	222	7 842	181	5 193
Any cattle, hogs, or sheep $1,000	257	3 147	259	(NA)	205	3 095	175	1 916
CATTLE AND CALVES								
Inventory:								
Cattle and calves	248	12 239	256	12 968	185	11 653	160	11 733
Cows and heifers that had calved	190	4 585	208	5 185	146	4 397	132	4 647
Beef cows	103	770	118	1 269	67	614	49	767
Milk cows	105	3 815	116	3 916	91	3 783	91	3 880
Heifers and heifer calves	190	4 137	(NA)	(NA)	151	3 973	111	3 674
Steers, steer calves, bulls and bull calves	195	3 517	(NA)	(NA)	146	3 283	124	3 412
Sales:								
Cattle and calves	219	6 763	232	6 911	176	6 612	160	6 573
$1,000	(X)	2 715	(X)	(NA)	(X)	2 676	(X)	1 650
Calves	129	2 005	(NA)	(NA)	107	1 931	95	1 783
$1,000	(X)	389	(X)	(NA)	(X)	379	(X)	219
Cattle	194	4 758	(NA)	(NA)	161	4 681	130	4 790
$1,000	(X)	2 326	(X)	(NA)	(X)	2 297	(X)	1 430
Fattened cattle	75	3 408	(NA)	(NA)	63	3 375	52	2 071
$1,000	(X)	1 750	(X)	(NA)	(X)	1 738	(X)	758
Dairy products $1,000	83	4 550	(NA)	(NA)	80	4 549	85	3 025
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	75	3 152	67	2 439	56	3 034	21	2 084
Used or to be used for breeding	54	583	(NA)	(NA)	41	525	7	175
Other hogs and pigs	71	2 569	(NA)	(NA)	55	2 509	21	1 909
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	56	752	28	442	42	719	11	382
Dec. 1 of preceding year and May 31	45	296	24	227	33	279	10	192
June 1 and Nov. 30	44	456	18	215	37	440	9	190
Sheep and lambs	4	(D)	9	138	3	(D)	6	73
Ewes 1 year old or older	3	(D)	(NA)	(NA)	2	(D)	5	62
Goats	6	89	(NA)	(NA)	5	(D)	–	–
Horses and ponies	98	523	75	291	56	280	24	103
Sales:								
Hogs and pigs	72	5 301	59	4 765	58	5 107	26	4 363
$1,000	(X)	396	(X)	(NA)	(X)	396	(X)	265
Feeder pigs	36	2 328	18	1 563	30	2 210	5	1 385
$1,000	(X)	89	(X)	(NA)	(X)	85	(X)	45
Sheep and lambs	2	(D)	5	66	1	(D)	3	(D)
Sheep and lambs shorn	3	(D)	(NA)	(NA)	2	(D)	4	61
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	604
Sheep, lambs, and wool $1,000	3	(D)	(NA)	(NA)	2	(D)	4	1
Goats	3	9	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	27	68	18	52	14	44	7	34
$1,000	(X)	36	(X)	(NA)	(X)	24	(X)	56
POULTRY								
Inventory:								
Any poultry	62	(X)	69	(X)	36	(X)	19	(X)
Chickens 3 months old or older	54	24 292	68	33 739	30	(D)	18	29 488
Hens and pullets of laying age	54	24 233	63	24 867	30	(D)	18	(D)
Pullets 3 months old or older	5	59	(NA)	(NA)	2	(D)	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	12	874	11	382	7	530	2	(D)
Turkeys	3	15	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	3	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	–	–	–	–
Other poultry	16	(X)	(NA)	(X)	10	(X)	1	(X)
Sales:								
Any poultry	23	(X)	22	(X)	18	(X)	8	(X)
Chickens 3 months old or older	14	(D)	19	14 530	13	(D)	5	13 580
Hens and pullets of laying age	14	(D)	18	14 194	13	(D)	5	13 580
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	600	3	128	3	(D)	3	128
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	4	(X)	–	(X)
Poultry and poultry products $1,000	33	(D)	37	201	25	(D)	13	194

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	257	23 911	(X)	3	220	208	23 352	(X)	3	220
	1974	245	18 726	(X)	(NA)	(NA)	181	17 980	(X)	2	(D)
For grain or seed (bushels)	1978	246	18 170	1 378 709	2	(D)	201	17 680	1 357 206	2	(D)
	1974	222	13 312	538 421	(NA)	(NA)	169	12 781	521 068	2	(D)
For silage or green chop (tons, green)	1978	110	5 741	67 908	1	(D)	100	5 672	67 076	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	109	5 143	50 121	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	56	(X)	–	–
Sorghums for all purposes	1978	10	84	(X)	–	–	10	84	(X)	–	–
	1974	8	87	(X)	(NA)	(NA)	7	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	10	84	718	–	–	10	84	718	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	67	414	–	–
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)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	50	888	30 730	–	–	43	859	30 125	–	–
	1974	130	2 698	89 121	(NA)	(NA)	97	2 361	78 997	–	–
Oats for grain (bushels)	1978	132	1 969	107 823	–	–	108	1 827	100 962	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	1 050	41 491	1	(D)
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	9	82	2 140	–	–	7	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	62	1 630	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	195	(X)	–	–
Soybeans for beans (bushels)	1978	5	368	11 210	–	–	4	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(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	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	5	12	1 697	(NA)	(NA)	3	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	327	17 085	40 763	3	50	226	14 947	37 939	2	(D)
	1974	284	13 296	30 940	(NA)	(NA)	171	11 006	27 370	–	–
Alfalfa hay (tons, dry)	1978	242	11 047	30 259	2	(D)	179	9 806	28 480	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	130	6 583	18 813	–	–
Other tame dry hay (tons, dry) (see text)	1978	97	2 605	4 520	1	(D)	63	1 995	3 712	–	–
Field seed crops	1978	6	97	(X)	1	(D)	3	27	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	198	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	5	92	3 125	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	19	194	15 187	–	–
All vegetables harvested for sale (see text)	1978	60	3 520	(X)	14	570	50	3 493	(X)	12	(D)
	1974	60	2 945	(X)	(NA)	(NA)	36	2 902	(X)	13	679
Sweet corn	1978	18	70	(X)	3	5	13	63	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	89	(X)	1	(D)
Tomatoes	1978	11	9	(X)	4	2	8	8	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	4	(X)	1	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Land in orchards	1978	36	3 223	(X)	4	(D)	30	3 205	(X)	3	(D)
	1974	27	3 327	(X)	(NA)	(NA)	19	3 294	(X)	–	–
Apples (pounds)	1978	32	1 853	35 298 371	(NA)	(NA)	27	1 838	35 296 811	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2 005	21 161 297	(NA)	(NA)
Peaches (pounds)	1978	13	89	284 660	(NA)	(NA)	10	88	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	115	733 420	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	3	17 850	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	2	12 000	(NA)	(NA)
Berries	1978	53	828	(X)	22	364	38	806	(X)	17	351
	1974	38	456	(X)	(NA)	(NA)	26	412	(X)	5	117
Strawberries (pounds)	1978	13	27	172 787	5	13	8	19	154 613	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	56	178 513	1	(D)
Nursery and greenhouse products	1978	23	25	(X)	11	11	20	21	(X)	9	(D)
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	807	133 266	823	127 166	560	109 996	516	97 764
Average size of farm	(X)	165	(X)	155	(X)	196	(X)	189
Approximate land area	(X)	543 360	(X)	543 360	(X)	543 360	(X)	543 360
Proportion in farms, percent	(X)	24.5	(X)	23.4	(X)	20.2	(X)	18.0
Value of land and buildings:[1]								
Average per farm, dollars	112 265	(X)	65 588	(X)	120 920	(X)	84 163	(X)
Average per acre, dollars	(X)	645	(X)	424	(X)	621	(X)	444
Land in farms according to use:								
Total cropland	796	91 824	812	87 073	552	80 074	507	71 278
Harvested cropland	774	66 822	780	59 049	542	61 352	498	52 417
By acres harvested:								
1 to 9 acres	47	276	63	(NA)	14	83	18	(NA)
10 to 19 acres	97	1 278	96	(NA)	25	320	17	(NA)
20 to 29 acres	96	2 282	124	(NA)	42	1 008	50	(NA)
30 to 49 acres	175	6 514	170	(NA)	114	4 305	105	(NA)
50 to 99 acres	154	10 600	152	(NA)	143	(D)	133	(NA)
100 to 199 acres	122	16 889	98	(NA)	121	(D)	98	(NA)
200 to 499 acres	72	22 234	72	(NA)	72	22 234	72	(NA)
500 to 999 acres	11	6 749	5	(NA)	11	6 749	5	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	357	11 693	482	17 274	259	9 971	283	12 627
Other cropland	412	13 309	384	10 750	267	8 751	217	6 234
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	137	2 800	(NA)	(NA)	92	1 957	76	1 964
Cropland on which all crops failed	52	999	(NA)	(NA)	30	749	50	746
Cropland in cultivated summer fallow	113	2 974	(NA)	(NA)	83	2 317	102	1 736
Cropland idle	247	6 536	(NA)	(NA)	149	3 728	84	1 788
Total woodland	509	24 833	531	22 220	359	18 341	322	14 483
Woodland pastured	150	5 645	(NA)	(NA)	107	4 246	115	3 635
Woodland not pastured	421	19 188	(NA)	(NA)	296	14 095	248	10 848
Other land	613	16 609	674	17 873	414	11 581	429	12 003
Pastureland and rangeland, other than cropland and woodland pastured	123	4 972	(NA)	(NA)	91	3 992	120	3 849
Land in house lots, ponds, roads, wasteland, etc	596	11 637	(NA)	(NA)	402	7 589	413	8 154
Pastureland, all types	469	22 310	(NA)	(NA)	336	18 209	(NA)	20 111
Irrigated land	42	4 123	25	2 687	39	4 013	23	(D)
Harvested cropland irrigated	42	3 839	(NA)	(NA)	39	3 808	23	2 672
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	(D)
Other land irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	169	2 143	(X)	(X)	133	1 953	(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]	807	24 989	823	18 018	560	24 718	516	17 681
Average per farm, dollars	(X)	30 966	(X)	21 893	(X)	44 140	(X)	34 266
Farms by value of agricultural products sold:[1]								
$100,000 or more	59	14 132	30	(NA)	59	14 132	30	(NA)
$40,000 to $99,999	98	6 120	84	(NA)	98	6 120	84	(NA)
$20,000 to $39,999	73	2 149	72	(NA)	73	2 149	72	(NA)
$10,000 to $19,999	69	980	88	(NA)	69	980	88	(NA)
$5,000 to $9,999	117	814	124	(NA)	117	814	124	(NA)
$2,500 to $4,999	144	522	112	(NA)	144	522	112	(NA)
Less than $2,500 (see text)	247	271	313	(NA)	(X)	(X)	6	(NA)
$2,000 to $2,499	43	96	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	37	65	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	54	65	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	113	45	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	557	11 952	622	8 767	401	11 774	(NA)	8 555
Grains	355	1 396	(NA)	(NA)	271	1 316	298	1 270
Commodity Credit Corporation loans	22	59	(NA)	(NA)	22	59	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	302	1 008	(NA)	(NA)	212	917	206	540
Vegetables, sweet corn, and melons	61	7 247	(NA)	(NA)	56	7 244	49	5 153
Fruits, nuts, and berries	37	1 709	(NA)	(NA)	34	1 706	35	1 169
Nursery and greenhouse products	6	158	7	85	5	(D)	5	(D)
Other crops	11	435	(NA)	(NA)	8	(D)	10	(D)
Livestock, poultry, and their products	489	13 038	545	9 224	392	12 944	386	9 102
Poultry and poultry products	46	1 646	49	1 881	33	1 645	27	1 878
Dairy products	170	8 616	(NA)	(NA)	169	(D)	163	5 390
Cattle and calves	389	1 820	(NA)	(NA)	330	1 764	341	1 316
Hogs and pigs	116	743	(NA)	(NA)	84	717	53	311
Sheep, lambs, and wool	14	(D)	(NA)	(NA)	11	(D)	11	66
Other livestock and livestock products (see text)	48	(D)	(NA)	(NA)	33	101	20	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	807	823	133 266	774	131 095	66 822	42	14 616	7 958	4 123
Farms with—										
1 to 9 acres	6	10	25	3	13	13	–	–	–	–
10 to 49 acres	157	141	5 183	144	4 874	2 790	2	(D)	(D)	(D)
50 to 69 acres	50	60	2 903	46	2 678	1 315	1	(D)	(D)	(D)
70 to 99 acres	145	162	11 648	140	11 249	4 941	7	518	322	184
100 to 139 acres	118	129	13 361	114	12 915	5 930	4	489	207	38
140 to 179 acres	88	82	13 722	86	13 402	6 157	5	781	457	322
180 to 219 acres	56	59	10 979	55	10 792	5 665	4	809	548	139
220 to 259 acres	52	49	12 260	52	12 260	5 801	2	(D)	(D)	(D)
260 to 499 acres	103	106	36 814	102	36 541	21 497	8	2 734	1 877	748
500 to 999 acres	25	22	16 096	25	16 096	9 549	5	3 447	2 313	1 288
1,000 to 1,999 acres	6	3	(D)	6	(D)	(D)	4	5 215	1 787	1 231
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	807	133 266	823	127 166	560	109 996	516	97 764
Harvested cropland	774	66 822	780	59 049	542	61 352	498	52 417
Tenure of operator:								
Full owners	527	67 234	599	74 014	309	46 199	314	46 935
Harvested cropland	495	25 529	(NA)	27 368	292	20 899	(NA)	21 519
Part owners	252	60 894	197	49 401	228	58 989	183	47 664
Harvested cropland	251	38 614	(NA)	29 041	227	37 890	(NA)	28 600
Tenants	28	5 138	27	3 751	23	4 808	19	3 165
Harvested cropland	28	2 679	(NA)	2 640	23	2 563	(NA)	2 298
Type of organization:								
Individual or family	723	107 215	(NA)	(NA)	491	86 960	475	82 821
Partnership	67	18 994	(NA)	(NA)	53	(D)	31	11 019
Corporation	14	4 452	(NA)	(NA)	14	4 452	10	3 924
Other—cooperative, estate or trust, institutional, etc.	3	2 605	(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	351	377	307	330
Other	456	436	253	176
Operators by age group:				
Under 25 years	12	7	9	2
25 to 34 years	110	98	88	51
35 to 44 years	174	172	119	105
45 to 54 years	214	205	149	134
55 to 64 years	185	213	128	149
65 years and over	112	118	67	65
Average age	49.3	50.6	48.5	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	651	656	461	413
Not on farm operated	98	74	63	41
Not reported	58	83	36	52
Operators reporting days of work off farm:				
None	278	247	229	195
1 to 49 days	45	39	35	27
50 to 99 days	18	27	15	14
100 to 149 days	13	19	9	15
150 to 199 days	58	43	44	25
200 days or more	373	343	214	146

[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	279	894	328	1 357	206	881	181	1 274
Feed for livestock and poultry	485	2 744	537	2 253	367	2 701	333	2 174
Commercially mixed formula feeds	259	1 827	307	1 432	229	1 816	212	1 401
Animal health costs	347	170	(NA)	(NA)	306	168	257	135
Seeds, bulbs, plants, and trees	642	682	582	435	526	663	430	414
Commercial fertilizer	669	1 339	588	985	518	1 295	407	933
Other agricultural chemicals including lime	575	712	408	624	475	698	314	615
Hired farm labor	294	1 692	299	1 811	280	1 687	224	1 798
Contract labor	13	59	14	22	8	58	10	22
Customwork, machine hire, and rental of machinery and equipment	366	252	392	259	282	235	261	237
Energy and petroleum products	804	1 587	(NA)	(NA)	592	1 505	(NA)	(NA)
Petroleum products	804	1 114	806	724	592	1 051	513	656
Gasoline	761	564	(NA)	(NA)	564	518	502	435
Diesel fuel	379	290	(NA)	(NA)	341	282	226	136
LP gas, butane, and propane	28	38	(NA)	(NA)	28	38	48	21
Fuel oil	82	53	(NA)	(NA)	65	52	513	63
Natural gas	12	70	(NA)	(NA)	12	70		
Kerosene, motor oil, and grease	804	99	(NA)	(NA)	592	92		
Electricity	547	468	(NA)	(NA)	438	449	(NA)	(NA)
Other—coal, wood, coke, etc.	32	6	(NA)	(NA)	15	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		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	669	50 008	518	47 437	407	30 052
Cropland fertilized, except pasture	669	49 586	518	47 237	(NA)	29 723
Pasture and rangeland fertilized	31	422	21	200	(NA)	329
Lime	181	3 874	154	3 580	74	1 754
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	119	7 548	107	7 476	(NA)	8 152
Nematodes in crops	58	1 472	52	1 442	3	478
Diseases in crops and orchards	89	5 225	77	4 889	35	3 309
Weeds, grass, or brush in crops and pasture	429	30 801	352	29 753	(NA)	15 311
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	19	669	19	669	8	231
Insect control on livestock and poultry	213	(X)	180	(X)	49	(X)
Sanitation and rodent and bird control	140	(X)	118	(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	804	802	592	511
$1,000	24 405	16 546	22 530	13 994
Average per farm—dollars	30 355	20 631	38 057	27 386
Farms by value group:				
$1 to $4,999	93	159	61	58
$5,000 to $9,999	191	173	90	79
$10,000 to $19,999	202	205	141	138

	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	97	128	79	105
$30,000 to $49,999	112	74	112	68
$50,000 to $69,999	26	28	26	28
$70,000 to $99,999	21	35	21	35
$100,000 to $199,999	35		35	
$200,000 or more	27		27	

	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	586	737	365	413	278	324	669	882	530
Motortrucks including pickups	646	867	361	409	361	458	649	852	387
Wheel tractors	747	1 827	199	317	705	1 510	758	1 765	289
Grain and bean combines, self-propelled only	118	126	21	22	97	104	64	66	15
Corn heads for combines	90	131	21	22	69	109	34	34	15
Other cornpickers and picker-shellers	350	359	55	55	295	304	275	285	49
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	376	399	120	120	262	279	275	288	89
Pickup balers	394	405	77	77	322	328	360	367	74
Field forage harvesters, shear bar or flywheel type	215	259	100	122	126	137	159	180	61

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	294	74	(X)	265	(X)	280	224
Workers	1 760	(X)	210	(X)	1 550	1 674	2 471
Farms with—							
1 worker	79	41	41	71	71	73	75
2 workers	56	15	30	50	100	56	30
3 or 4 workers	73	12	(D)	66	250	69	37
5 to 9 workers	47	2	(D)	43	296	47	31
10 workers or more	39	4	81	35	833	35	51

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	563	(X)	616	(X)	407	(X)	392	(X)
Any cattle, hogs, or sheep	496	(X)	573	(X)	376	(X)	367	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	489	13 038	545	9 224	392	12 944	386	9 102
Any cattle, hogs, or sheep ... $1,000	452	(D)	502	(NA)	370	(D)	366	1 693
CATTLE AND CALVES								
Inventory:								
Cattle and calves	439	18 652	545	19 971	335	17 848	347	17 616
Cows and heifers that had calved	349	9 015	410	9 328	279	8 693	281	8 384
Beef cows	174	1 530	245	3 018	114	1 253	124	2 164
Milk cows	198	7 485	207	6 310	180	7 440	179	6 220
Heifers and heifer calves	351	6 550	(NA)	(NA)	282	6 323	255	5 389
Steers, steer calves, bulls and bull calves	337	3 087	(NA)	(NA)	259	2 832	288	3 843
Sales:								
Cattle and calves	389	6 779	465	6 413	330	6 529	341	5 847
$1,000	(X)	1 820	(X)	(NA)	(X)	1 764	(X)	1 316
Calves	239	3 517	(NA)	(NA)	209	3 404	190	2 373
$1,000	(X)	505	(X)	(NA)	(X)	494	(X)	159
Cattle	341	3 262	(NA)	(NA)	290	3 125	291	3 474
$1,000	(X)	1 315	(X)	(NA)	(X)	1 270	(X)	1 157
Fattened cattle	105	853	(NA)	(NA)	85	797	81	1 067
$1,000	(X)	339	(X)	(NA)	(X)	321	(X)	392
Dairy products ... $1,000	170	8 616	(NA)	(NA)	169	(D)	163	5 390
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	133	7 232	112	4 200	89	6 710	66	3 807
Used or to be used for breeding	78	1 654	(NA)	(NA)	53	1 516	38	661
Other hogs and pigs	120	5 578	(NA)	(NA)	83	5 194	58	3 146
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	84	1 757	53	969	58	1 659	43	929
Dec. 1 of preceding year and May 31	71	791	43	460	52	748	34	439
June 1 and Nov. 30	71	966	46	509	50	911	38	490
Sheep and lambs	13	1 459	18	4 977	9	1 356	11	4 842
Ewes 1 year old or older	10	236	(NA)	(NA)	6	143	11	1 434
Goats	8	35	(NA)	(NA)	1	(D)	1	(D)
Horses and ponies	161	647	145	1 184	96	388	65	873
Sales:								
Hogs and pigs	116	11 392	76	7 741	84	10 869	53	7 483
$1,000	(X)	743	(X)	(NA)	(X)	717	(X)	311
Feeder pigs	56	7 124	33	3 183	38	6 764	22	3 054
$1,000	(X)	304	(X)	(NA)	(X)	292	(X)	60
Sheep and lambs	14	(D)	13	1 855	11	(D)	10	1 787
Sheep and lambs shorn	9	552	(NA)	(NA)	6	460	11	3 660
Pounds of wool	(X)	6 320	(X)	(NA)	(X)	(D)	(X)	23 411
Sheep, lambs, and wool ... $1,000	14	(D)	(NA)	(NA)	11	(D)	11	66
Goats	2	(D)	(NA)	(NA)	–	–	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	(Z)
Horses and ponies	33	109	25	298	24	88	14	267
$1,000	(X)	58	(X)	(NA)	(X)	54	(X)	99
POULTRY								
Inventory:								
Any poultry	94	(X)	125	(X)	60	(X)	71	(X)
Chickens 3 months old or older	81	212 907	115	152 230	51	212 197	65	150 906
Hens and pullets of laying age	80	177 324	101	136 677	50	176 644	62	135 698
Pullets 3 months old or older	13	35 583	(NA)	(NA)	9	35 553	8	15 073
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	16	518	20	637	9	396	12	407
Turkeys	8	24	(NA)	(NA)	5	11	4	17
Turkeys for slaughter	5	9	(NA)	(NA)	4	(D)	4	(D)
Turkey hens kept for breeding	4	15	(NA)	(NA)	2	(D)	1	(D)
Other poultry	19	(X)	(NA)	(X)	14	(X)	11	(X)
Sales:								
Any poultry	36	(X)	35	(X)	25	(X)	23	(X)
Chickens 3 months old or older	22	148 386	33	206 060	16	148 185	22	205 624
Hens and pullets of laying age	22	(D)	27	184 525	16	(D)	20	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	6	488	6	223	6	488	1	(D)
Turkeys	–	–	(NA)	(NA)	–	–	1	(D)
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	5	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products ... $1,000	46	1 646	49	1 881	33	1 645	27	1 878

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	527	27 371	(X)	13	557	418	26 125	(X)	12	(D)
	1974	520	19 934	(X)	(NA)	(NA)	386	18 613	(X)	3	90
For grain or seed (bushels)	1978	491	20 274	1 335 344	13	(D)	386	19 156	1 278 480	12	(D)
	1974	484	13 815	816 225	(NA)	(NA)	356	12 716	775 529	–	–
For silage or green chop (tons, green)	1978	206	7 097	94 787	3	(D)	194	6 969	93 375	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	188	5 803	56 622	3	90
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	94	(X)	–	–
Sorghums for all purposes	1978	19	150	(X)	–	–	17	(D)	(X)	–	–
	1974	7	87	(X)	(NA)	(NA)	5	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	19	150	1 174	–	–	17	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	46	704	–	–
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)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	93	1 154	38 995	–	–	74	991	33 885	–	–
	1974	265	4 623	143 965	(NA)	(NA)	197	3 960	126 847	–	–
Oats for grain (bushels)	1978	181	2 931	137 511	–	–	157	2 647	127 737	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	144	1 875	82 925	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	15	204	4 710	–	–	13	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	29	192	3 902	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	62	(X)	–	–
Soybeans for beans (bushels)	1978	7	77	1 593	–	–	7	77	1 593	–	–
	1974	5	320	7 564	(NA)	(NA)	5	320	7 564	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	8	134	36 448	2	(D)	5	130	36 150	2	(D)
	1974	8	220	30 776	(NA)	(NA)	5	216	30 316	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	630	29 651	66 036	8	227	438	25 920	60 755	8	227
	1974	625	24 758	54 809	(NA)	(NA)	398	20 399	48 494	1	(D)
Alfalfa hay (tons, dry)	1978	574	21 483	51 253	8	217	409	18 366	46 678	8	217
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	351	14 207	35 865	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	68	1 271	1 948	–	–	43	979	1 588	–	–
Field seed crops	1978	5	51	(X)	–	–	5	51	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	160	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Red clover seed (pounds)	1978	3	28	1 560	–	–	3	28	1 560	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	152	12 045	–	–
All vegetables harvested for sale (see text)	1978	61	4 397	(X)	24	2 782	56	4 391	(X)	24	2 782
	1974	73	4 327	(X)	(NA)	(NA)	50	4 288	(X)	18	2 331
Sweet corn	1978	14	44	(X)	6	19	11	42	(X)	6	19
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	28	(X)	3	18
Tomatoes	1978	5	2	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	2	(X)	3	1
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Land in orchards	1978	42	1 864	(X)	7	147	32	1 814	(X)	6	(D)
	1974	51	2 033	(X)	(NA)	(NA)	38	1 989	(X)	2	(D)
Apples (pounds)	1978	36	1 371	21 647 940	(NA)	(NA)	29	1 345	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 463	19 865 133	(NA)	(NA)
Peaches (pounds)	1978	14	95	455 860	(NA)	(NA)	10	92	455 860	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	89	1 245 962	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	1	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	11	48	(X)	5	25	8	43	(X)	4	(D)
	1974	12	68	(X)	(NA)	(NA)	8	52	(X)	4	39
Strawberries (pounds)	1978	4	7	(D)	1	(D)	3	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	2 008	1	(D)
Nursery and greenhouse products	1978	6	67	(X)	–	–	5	(D)	(X)	–	–
Other crops	1978	12	838	(X)	(NA)	(NA)	11	(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	620	77 107	609	86 549	380	64 121	367	69 380
Average size of farm	(X)	124	(X)	142	(X)	169	(X)	189
Approximate land area	(X)	554 880	(X)	554 880	(X)	554 880	(X)	554 880
Proportion in farms, percent	(X)	13.9	(X)	15.6	(X)	11.6	(X)	12.5
Value of land and buildings:[1]								
Average per farm, dollars	266 954	(X)	199 123	(X)	337 935	(X)	255 259	(X)
Average per acre, dollars	(X)	2 170	(X)	1 401	(X)	2 024	(X)	1 350
Land in farms according to use:								
Total cropland	558	52 867	582	61 562	340	44 940	349	50 895
Harvested cropland	488	35 969	514	37 323	308	32 365	326	34 226
By acres harvested:								
1 to 9 acres	136	491	141	(NA)	67	223	65	(NA)
10 to 19 acres	73	985	81	(NA)	28	349	30	(NA)
20 to 29 acres	51	1 181	39	(NA)	24	570	16	(NA)
30 to 49 acres	63	2 373	78	(NA)	41	1 574	50	(NA)
50 to 99 acres	65	4 267	59	(NA)	51	3 357	50	(NA)
100 to 199 acres	43	5 868	62	(NA)	40	5 488	61	(NA)
200 to 499 acres	48	14 041	46	(NA)	48	14 041	46	(NA)
500 to 999 acres	7	(D)	7	(NA)	7	(D)	7	(NA)
1,000 acres or more	2	(D)	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	223	6 935	255	13 370	121	4 384	142	7 930
Other cropland	223	9 963	219	10 869	149	8 191	143	8 739
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	57	1 346	(NA)	(NA)	39	1 206	38	1 236
Cropland on which all crops failed	16	282	(NA)	(NA)	6	162	31	921
Cropland in cultivated summer fallow	57	1 594	(NA)	(NA)	44	1 238	47	1 552
Cropland idle	150	6 741	(NA)	(NA)	102	5 585	74	5 030
Total woodland	239	8 902	259	11 030	154	6 442	164	8 550
Woodland pastured	64	2 158	(NA)	(NA)	50	1 759	51	2 790
Woodland not pastured	190	6 744	(NA)	(NA)	116	4 683	135	5 760
Other land	477	15 338	464	13 957	294	12 739	282	9 935
Pastureland and rangeland, other than cropland and woodland pastured	68	5 906	(NA)	(NA)	50	5 536	42	3 806
Land in house lots, ponds, roads, wasteland, etc	468	9 432	(NA)	(NA)	288	7 203	270	6 129
Pastureland, all types	298	14 999	(NA)	(NA)	177	11 679	(NA)	14 526
Irrigated land	63	777	46	604	51	736	35	584
Harvested cropland irrigated	61	(D)	(NA)	(NA)	51	736	35	515
Pastureland irrigated	2	(D)	(NA)	(NA)	–	–	(NA)	(D)
Other land irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Land set aside in the federal farm programs in 1978	74	2 119	(X)	(X)	57	1 995	(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]	620	17 092	609	12 486	380	16 829	367	12 249
Average per farm, dollars	(X)	27 567	(X)	20 502	(X)	44 288	(X)	33 376
Farms by value of agricultural products sold:[1]								
$100,000 or more	30	10 939	23	(NA)	30	10 939	23	(NA)
$40,000 to $99,999	43	2 746	38	(NA)	43	2 746	38	(NA)
$20,000 to $39,999	46	1 314	55	(NA)	46	1 314	55	(NA)
$10,000 to $19,999	64	875	65	(NA)	64	875	65	(NA)
$5,000 to $9,999	79	543	97	(NA)	79	543	97	(NA)
$2,500 to $4,999	118	412	67	(NA)	118	412	67	(NA)
Less than $2,500 (see text)	240	262	263	(NA)	(X)	(X)	22	(NA)
$2,000 to $2,499	34	76	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	54	91	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	53	63	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	99	33	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	1	(NA)	(X)	(X)	(X)	(X)
Crops	392	12 780	432	8 577	276	12 646	(NA)	8 428
Grains	149	1 612	(NA)	(NA)	117	1 579	160	1 406
Commodity Credit Corporation loans	13	158	(NA)	(NA)	13	158	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	180	600	(NA)	(NA)	126	548	145	675
Vegetables, sweet corn, and melons	42	365	(NA)	(NA)	33	(D)	25	(D)
Fruits, nuts, and berries	54	743	(NA)	(NA)	29	721	22	533
Nursery and greenhouse products	78	9 448	88	5 667	66	9 427	70	5 647
Other crops	5	13	(NA)	(NA)	3	(D)	2	(D)
Livestock, poultry, and their products	322	4 311	345	3 855	203	4 183	215	3 767
Poultry and poultry products	53	237	47	294	28	234	14	285
Dairy products	35	1 507	(NA)	(NA)	33	(D)	46	1 623
Cattle and calves	148	1 145	(NA)	(NA)	103	1 098	158	1 376
Hogs and pigs	49	336	(NA)	(NA)	34	324	39	192
Sheep, lambs, and wool	35	33	(NA)	(NA)	19	(D)	18	29
Other livestock and livestock products (see text)	153	1 053	(NA)	(NA)	93	996	48	262

[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	620	609	77 107	488	69 546	35 969	63	4 141	1 957	777
Farms with—										
1 to 9 acres	96	74	386	57	260	138	17	83	28	28
10 to 49 acres	226	169	5 632	160	4 200	2 165	28	691	177	134
50 to 69 acres	42	56	2 371	37	2 085	1 151	2	(D)	(D)	(D)
70 to 99 acres	59	69	4 756	48	3 917	1 812	6	540	286	86
100 to 139 acres	47	58	5 438	42	4 884	2 438	3	349	62	56
140 to 179 acres	33	22	5 273	31	4 968	2 206	2	(D)	(D)	(D)
180 to 219 acres	23	44	4 508	23	4 508	1 652	1	(D)	(D)	(D)
220 to 259 acres	14	16	3 316	13	3 061	2 009	2	(D)	(D)	(D)
260 to 499 acres	49	66	17 372	47	16 608	9 173	1	(D)	(D)	(D)
500 to 999 acres	23	26	15 753	23	(D)	8 135	–	–	–	–
1,000 to 1,999 acres	7	9	(D)	7	(D)	5 090	1	(D)	(D)	(D)
2,000 acres or more	1	–	(D)	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	620	77 107	609	86 549	380	64 121	367	69 380
Harvested cropland	488	35 969	514	37 323	308	32 365	326	34 226
Tenure of operator:								
Full owners	408	25 105	405	36 135	224	16 171	201	22 031
Harvested cropland	304	7 679	(NA)	10 163	168	5 793	(NA)	7 903
Part owners	154	34 665	142	35 183	115	32 220	114	33 584
Harvested cropland	140	20 707	(NA)	19 813	107	19 478	(NA)	19 220
Tenants	58	17 337	62	15 231	41	15 730	52	13 765
Harvested cropland	44	7 583	(NA)	7 347	33	7 094	(NA)	7 103
Type of organization:								
Individual or family	536	64 309	(NA)	(NA)	311	52 454	307	50 643
Partnership	55	8 903	(NA)	(NA)	44	8 427	38	14 517
Corporation	26	3 152	(NA)	(NA)	23	(D)	22	4 220
Other—cooperative, estate or trust, institutional, etc.	3	743	(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	218	250	175	196
Other	402	336	205	149
Operators by age group:				
Under 25 years	12	9	6	8
25 to 34 years	56	51	35	32
35 to 44 years	167	100	96	57
45 to 54 years	153	164	100	97
55 to 64 years	139	143	89	80
65 years and over	93	119	54	71
Average age	50.2	52.5	50.1	52.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	490	432	296	262
Not on farm operated	83	64	54	39
Not reported	47	90	30	44
Operators reporting days of work off farm:				
None	205	167	148	116
1 to 49 days	23	44	16	23
50 to 99 days	11	15	5	11
100 to 149 days	17	20	9	11
150 to 199 days	28	43	18	21
200 days or more	316	224	168	108

[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	146	791	226	813	80	750	123	768
Feed for livestock and poultry	291	957	333	952	172	873	192	884
Commercially mixed formula feeds	145	449	203	564	86	412	133	551
Animal health costs	236	140	(NA)	(NA)	151	108	128	89
Seeds, bulbs, plants, and trees	381	2 085	332	1 599	286	2 071	234	1 589
Commercial fertilizer	313	760	320	523	236	736	236	507
Other agricultural chemicals including lime	338	280	244	156	243	267	185	151
Hired farm labor	226	3 429	215	1 977	172	3 382	161	1 954
Contract labor	61	144	19	23	37	133	10	17
Customwork, machine hire, and rental of machinery and equipment	192	116	150	73	126	99	104	67
Energy and petroleum products	610	1 347	(NA)	(NA)	371	1 273	(NA)	(NA)
Petroleum products	610	1 066	568	708	371	1 011	356	670
Gasoline	564	397	(NA)	(NA)	352	360	351	330
Diesel fuel	243	164	(NA)	(NA)	155	154	131	108
LP gas, butane, and propane	38	30	(NA)	(NA)	38	30	38	13
Fuel oil	59	40	(NA)	(NA)	52	38		
Natural gas	45	384	(NA)	(NA)	42	384	356	219
Kerosene, motor oil, and grease	610	51	(NA)	(NA)	371	45		
Electricity	419	280	(NA)	(NA)	299	261	(NA)	(NA)
Other—coal, wood, cake, etc.	7	1	(NA)	(NA)	7	1	(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	283	25 863	209	24 873	236	19 210
Cropland fertilized, except pasture	282	25 723	209	24 763	(NA)	(D)
Pasture and rangeland fertilized	8	140	5	110	(NA)	(D)
Lime	23	477	22	(D)	16	596
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	105	4 952	78	4 556	(NA)	3 924
Nematodes in crops	20	2 832	16	2 564	–	–
Diseases in crops and orchards	86	1 064	47	983	15	397
Weeds, grass, or brush in crops and pasture	202	15 262	159	14 719	(NA)	9 768
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	22	399	16	379	4	131
Insect control on livestock and poultry	100	(X)	66	(X)	19	(X)
Sanitation and rodent and bird control	84	(X)	46	(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	616	560	371	345
$1,000	15 328	10 771	13 324	8 855
Average per farm—dollars	24 883	19 234	35 913	25 667
Farms by value group:				
$1 to $4,999	75	87	29	32
$5,000 to $9,999	224	164	84	60
$10,000 to $19,999	108	121	71	83

	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	68	79	46	67
$30,000 to $49,999	45	68	45	63
$50,000 to $69,999	24	21	24	21
$70,000 to $99,999	46	20	46	19
$100,000 to $199,999	21		21	
$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	343	476	194	248	181	228	440	597	392
Motortrucks including pickups	446	695	273	348	232	347	447	717	365
Wheel tractors	499	1 120	166	247	417	873	501	1 070	204
Grain and bean combines, self-propelled only	83	85	13	14	70	71	71	72	14
Corn heads for combines	58	59	19	20	39	39	42	44	12
Other cornpickers and picker-shellers	135	149	9	9	126	140	132	133	30
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	187	235	77	86	124	149	161	176	66
Pickup balers	218	221	64	64	157	157	211	227	71
Field forage harvesters, shear bar or flywheel type	65	68	10	10	56	58	75	85	24

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	226	75	(X)	213	(X)	172	161
Workers	1 594	(X)	323	(X)	1 271	1 450	1 235
Farms with—							
1 worker	45	29	29	48	48	22	52
2 workers	36	19	38	35	70	29	21
3 or 4 workers	51	15	55	55	190	39	29
5 to 9 workers	68	5	30	52	349	56	31
10 workers or more	26	7	171	23	614	26	28

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	379	(X)	377	(X)	216	(X)	225	(X)
Any cattle, hogs, or sheep	210	(X)	288	(X)	126	(X)	175	(X)
Sales:								
Any livestock or poultry and their products $1,000	322	4 311	345	3 855	203	4 183	215	3 767
Any cattle, hogs, or sheep $1,000	183	1 514	272	(NA)	120	(D)	175	1 597
CATTLE AND CALVES								
Inventory:								
Cattle and calves	173	6 229	249	9 937	107	5 528	163	8 592
Cows and heifers that had calved	136	2 682	186	4 976	87	2 338	134	4 365
Beef cows	101	1 289	134	3 003	61	970	82	(D)
Milk cows	52	1 393	64	1 973	41	1 368	63	(D)
Heifers and heifer calves	119	2 209	(NA)	(NA)	84	2 021	92	2 373
Steers, steer calves, bulls and bull calves	123	1 338	(NA)	(NA)	83	1 169	122	1 854
Sales:								
Cattle and calves	148	3 364	228	5 225	103	3 186	158	4 900
$1,000	(X)	1 145	(X)	(NA)	(X)	1 098	(X)	1 376
Calves	81	974	(NA)	(NA)	60	903	91	1 365
$1,000	(X)	92	(X)	(NA)	(X)	83	(X)	127
Cattle	134	2 390	(NA)	(NA)	94	2 283	138	3 535
$1,000	(X)	1 053	(X)	(NA)	(X)	1 015	(X)	1 249
Fattened cattle	71	1 278	(NA)	(NA)	48	1 225	42	1 176
$1,000	(X)	611	(X)	(NA)	(X)	588	(X)	527
Dairy products $1,000	35	1 507	(NA)	(NA)	33	(D)	46	1 623
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	58	2 028	77	1 738	36	1 709	40	1 431
Used or to be used for breeding	27	444	(NA)	(NA)	18	387	25	207
Other hogs and pigs	53	1 584	(NA)	(NA)	32	1 322	37	1 224
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	34	575	44	394	19	513	28	362
Dec. 1 of preceding year and May 31	27	303	32	230	16	267	21	214
June 1 and Nov. 30	25	272	30	164	16	246	18	148
Sheep and lambs	40	839	42	1 127	22	613	16	699
Ewes 1 year old or older	34	454	(NA)	(NA)	20	286	14	292
Goats	22	182	(NA)	(NA)	8	64	3	13
Horses and ponies	200	2 232	194	1 792	99	1 343	105	1 437
Sales:								
Hogs and pigs	49	4 501	64	3 229	34	4 154	39	2 977
$1,000	(X)	336	(X)	(NA)	(X)	324	(X)	192
Feeder pigs	17	1 272	16	901	9	989	11	870
$1,000	(X)	38	(X)	(NA)	(X)	33	(X)	18
Sheep and lambs	33	533	36	868	19	400	17	601
Sheep and lambs shorn	30	715	(NA)	(NA)	17	522	16	711
Pounds of wool	(X)	5 949	(X)	(NA)	(X)	4 186	(X)	6 396
Sheep, lambs, and wool $1,000	35	33	(NA)	(NA)	19	(D)	18	29
Goats	12	149	(NA)	(NA)	5	25	1	(D)
$1,000	(X)	5	(X)	(NA)	(X)	1	(X)	(Z)
Horses and ponies	105	361	58	239	64	265	41	208
$1,000	(X)	733	(X)	(NA)	(X)	690	(X)	247
POULTRY								
Inventory:								
Any poultry	107	(X)	89	(X)	49	(X)	39	(X)
Chickens 3 months old or older	100	25 409	87	39 490	45	23 905	38	37 141
Hens and pullets of laying age	100	25 319	78	38 905	45	23 905	32	(D)
Pullets 3 months old or older	8	90	(NA)	(NA)	–	–	2	(D)
Pullet chicks and pullets under 3 months old	3	21	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	14	273	8	534	5	87	2	(D)
Turkeys	8	69	(NA)	(NA)	6	(D)	3	13
Turkeys for slaughter	7	(D)	(NA)	(NA)	5	(D)	3	13
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other poultry	37	(X)	(NA)	(X)	14	(X)	7	(X)
Sales:								
Any poultry	34	(X)	27	(X)	19	(X)	10	(X)
Chickens 3 months old or older	22	8 482	25	19 510	12	8 239	9	18 036
Hens and pullets of laying age	22	8 482	23	19 418	12	8 239	9	18 032
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	5	(D)	4	1 050	2	(D)	1	(D)
Turkeys	4	29	(NA)	(NA)	3	(D)	–	–
Turkeys for slaughter	4	29	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	6	(X)	1	(X)
Poultry and poultry products $1,000	53	237	47	294	28	234	14	285

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	15 011	(X)	1	(D)	133	14 381	(X)	–	–
	1974	215	14 166	(X)	(NA)	(NA)	157	13 654	(X)	1	(D)
For grain or seed (bushels)	1978	166	13 392	744 379	1	(D)	124	12 804	714 317	–	–
	1974	199	12 062	542 764	(NA)	(NA)	150	11 655	527 428	–	–
For silage or green chop (tons, green)	1978	42	1 619	12 552	–	–	37	1 577	12 326	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	61	(D)	20 271	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	6	144	(X)	–	–	6	144	(X)	–	–
	1974	7	123	(X)	(NA)	(NA)	7	123	(X)	–	–
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	5	(D)	974	–	–	5	(D)	974	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	96	586	–	–
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)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	73	2 781	101 621	–	–	62	2 693	98 443	–	–
	1974	133	4 073	154 394	(NA)	(NA)	115	3 894	149 246	2	(D)
Oats for grain (bushels)	1978	71	1 689	88 434	–	–	60	1 608	84 142	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	77	2 019	102 747	–	–
Barley for grain (bushels)	1978	4	133	3 100	–	–	4	133	3 100	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	85	1 560	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	18	746	14 309	–	–	15	737	14 091	–	–
	1974	12	156	3 301	(NA)	(NA)	12	156	3 301	–	–
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	10	2 135	2	(D)	3	(D)	(D)	2	(D)
	1974	10	11	881	(NA)	(NA)	3	6	580	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	294	14 408	29 759	1	(D)	184	11 743	25 360	–	–
	1974	317	15 256	34 381	(NA)	(NA)	209	13 174	30 457	1	(D)
Alfalfa hay (tons, dry)	1978	257	10 853	24 092	1	(D)	165	8 742	20 409	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	182	10 186	24 828	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	38	1 545	2 888	–	–	21	1 224	2 460	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	37	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	37	4 080	–	–
All vegetables harvested for sale (see text)	1978	42	674	(X)	12	158	33	651	(X)	9	154
	1974	42	296	(X)	(NA)	(NA)	25	260	(X)	4	22
Sweet corn	1978	31	454	(X)	7	(D)	25	436	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	18	143	(X)	1	(D)
Tomatoes	1978	25	33	(X)	7	11	20	31	(X)	6	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	38	(X)	3	3
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	70	673	(X)	7	(D)	31	471	(X)	5	(D)
	1974	57	652	(X)	(NA)	(NA)	19	522	(X)	3	236
Apples (pounds)	1978	64	597	5 287 630	(NA)	(NA)	26	441	5 155 060	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	495	4 510 630	(NA)	(NA)
Peaches (pounds)	1978	19	12	10 593	(NA)	(NA)	12	8	5 622	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	19	24	32 022	(NA)	(NA)	10	7	27 046	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	(NA)	(NA)
Berries	1978	22	77	(X)	14	71	14	64	(X)	10	63
	1974	17	46	(X)	(NA)	(NA)	9	37	(X)	3	23
Strawberries (pounds)	1978	14	42	146 323	10	39	8	34	132 193	7	34
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	19	44 650	2	(D)
Nursery and greenhouse products	1978	78	577	(X)	34	240	66	559	(X)	32	(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	772	125 734	779	125 560	605	112 119	566	108 373
Average size of farm	(X)	163	(X)	161	(X)	185	(X)	191
Approximate land area	(X)	343 040	(X)	343 040	(X)	343 040	(X)	343 040
Proportion in farms, percent	(X)	36.7	(X)	36.6	(X)	32.7	(X)	31.6
Value of land and buildings:[1]								
Average per farm, dollars	122 183	(X)	65 112	(X)	141 723	(X)	78 504	(X)
Average per acre, dollars	(X)	723	(X)	404	(X)	729	(X)	410
Land in farms according to use:								
Total cropland	762	84 793	769	80 917	598	77 748	560	70 992
Harvested cropland	747	59 203	741	54 136	591	56 194	555	50 826
By acres harvested:								
1 to 9 acres	87	489	89	(NA)	46	276	26	(NA)
10 to 19 acres	130	1 860	112	(NA)	72	996	58	(NA)
20 to 29 acres	101	2 365	99	(NA)	69	1 637	63	(NA)
30 to 49 acres	115	4 264	121	(NA)	95	3 512	100	(NA)
50 to 99 acres	152	10 454	172	(NA)	148	(D)	160	(NA)
100 to 199 acres	83	11 287	91	(NA)	83	11 287	91	(NA)
200 to 499 acres	70	20 630	49	(NA)	69	(D)	49	(NA)
500 to 999 acres	6	4 238	6	(NA)	6	4 238	6	(NA)
1,000 acres or more	3	3 616	2	(NA)	3	3 616	2	(NA)
Cropland used only for pasture	234	8 515	306	12 660	173	6 904	196	8 793
Other cropland	484	17 075	455	14 121	391	14 650	342	11 373
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	222	5 106	(NA)	(NA)	182	4 501	144	3 738
Cropland on which all crops failed	56	638	(NA)	(NA)	45	555	47	1 087
Cropland in cultivated summer fallow	133	2 520	(NA)	(NA)	115	2 335	122	2 384
Cropland idle	299	8 811	(NA)	(NA)	242	7 259	152	4 164
Total woodland	482	22 671	483	26 731	377	19 294	355	22 974
Woodland pastured	102	3 494	(NA)	(NA)	79	3 088	91	4 158
Woodland not pastured	419	19 177	(NA)	(NA)	329	16 206	298	18 816
Other land	638	18 270	654	17 912	508	15 077	475	14 407
Pastureland and rangeland, other than cropland and woodland pastured	103	3 795	(NA)	(NA)	74	3 169	57	2 410
Land in house lots, ponds, roads, wasteland, etc	630	14 475	(NA)	(NA)	503	11 908	465	11 997
Pastureland, all types	334	15 804	(NA)	(NA)	247	13 161	(NA)	15 361
Irrigated land	78	2 745	24	922	74	2 736	22	(D)
Harvested cropland irrigated	76	2 689	(NA)	(NA)	74	(D)	22	868
Pastureland irrigated	2	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	6	(D)	(NA)	(NA)	5	(D)	1	(D)
Land set aside in the federal farm programs in 1978	120	1 584	(X)	(X)	103	1 466	(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]	772	25 746	779	18 866	605	25 576	566	18 633
Average per farm, dollars	(X)	33 349	(X)	24 218	(X)	42 275	(X)	32 920
Farms by value of agricultural products sold:[1]								
$100,000 or more	66	13 522	34	(NA)	66	13 522	34	(NA)
$40,000 to $99,999	92	6 176	88	(NA)	92	6 176	88	(NA)
$20,000 to $39,999	108	3 062	113	(NA)	108	3 062	113	(NA)
$10,000 to $19,999	106	1 510	108	(NA)	106	1 510	108	(NA)
$5,000 to $9,999	129	938	128	(NA)	129	938	128	(NA)
$2,500 to $4,999	104	368	84	(NA)	104	368	84	(NA)
Less than $2,500 (see text)	167	169	224	(NA)	(X)	(X)	11	(NA)
$2,000 to $2,499	23	50	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	27	48	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	36	43	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	81	29	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	633	20 066	664	14 235	538	19 961	(NA)	14 091
Grains	172	726	(NA)	(NA)	148	709	224	693
Commodity Credit Corporation loans	13	68	(NA)	(NA)	13	68	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	194	522	(NA)	(NA)	146	(D)	116	339
Vegetables, sweet corn, and melons	352	6 811	(NA)	(NA)	326	6 783	254	4 517
Fruits, nuts, and berries	269	11 340	(NA)	(NA)	257	11 326	278	8 307
Nursery and greenhouse products	17	613	12	188	17	613	12	188
Other crops	7	55	(NA)	(NA)	6	(D)	18	46
Livestock, poultry, and their products	321	5 680	381	4 150	256	5 615	270	4 064
Poultry and poultry products	29	290	56	314	19	288	28	307
Dairy products	70	2 567	(NA)	(NA)	68	(D)	81	2 058
Cattle and calves	248	2 258	(NA)	(NA)	208	2 218	241	1 460
Hogs and pigs	86	459	(NA)	(NA)	71	449	50	180
Sheep, lambs, and wool	11	6	(NA)	(NA)	7	(D)	3	25
Other livestock and livestock products (see text)	38	100	(NA)	(NA)	25	91	14	34

[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	772	779	125 734	747	124 454	59 203	78	27 600	16 308	2 745
Farms with—										
1 to 9 acres	16	17	79	12	60	45	–	–	–	–
10 to 49 acres	167	167	5 513	155	5 135	2 495	6	223	69	26
50 to 69 acres	60	57	3 549	60	3 549	1 426	5	293	96	51
70 to 99 acres	142	138	11 567	134	10 929	4 238	4	332	194	49
100 to 139 acres	109	101	12 488	109	12 488	4 618	6	686	262	105
140 to 179 acres	61	83	9 754	61	9 754	4 293	6	954	481	279
180 to 219 acres	62	67	12 184	62	12 184	5 610	6	1 120	604	121
220 to 259 acres	32	39	7 494	31	7 249	3 131	7	1 649	1 031	301
260 to 499 acres	80	79	29 624	80	29 624	15 633	22	8 215	4 797	595
500 to 999 acres	34	24	20 701	34	20 701	11 430	11	7 126	4 617	666
1,000 to 1,999 acres	8	5	(D)	8	(D)	(D)	5	7 002	4 157	552
2,000 acres or more	1	2	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	772	125 734	779	125 560	605	112 119	566	108 373
Harvested cropland	747	59 203	741	54 136	591	56 194	555	50 826
Tenure of operator:								
Full owners	573	74 480	609	84 050	425	63 104	410	68 648
Harvested cropland	550	29 971	(NA)	30 737	413	27 486	(NA)	27 718
Part owners	176	48 475	152	39 641	161	46 565	141	38 096
Harvested cropland	174	27 978	(NA)	22 122	159	27 536	(NA)	21 885
Tenants	23	2 779	18	1 869	19	2 450	15	1 629
Harvested cropland	23	1 254	(NA)	1 277	19	1 172	(NA)	1 223
Type of organization:								
Individual or family	704	102 620	(NA)	(NA)	547	89 771	531	88 773
Partnership	64	19 542	(NA)	(NA)	54	18 776	31	12 462
Corporation	3	(D)	(NA)	(NA)	3	(D)	4	7 138
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(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	358	434	330	365
Other	414	341	275	197
Operators by age group:				
Under 25 years	13	13	12	10
25 to 34 years	92	68	72	50
35 to 44 years	210	177	157	119
45 to 54 years	177	187	142	134
55 to 64 years	159	198	132	163
65 years and over	121	132	90	86
Average age	49.7	51.2	49.5	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	620	604	492	432
Not on farm operated	96	91	71	71
Not reported	56	80	42	59
Operators reporting days of work off farm:				
None	242	249	213	194
1 to 49 days	50	55	46	45
50 to 99 days	33	26	30	22
100 to 149 days	20	29	17	22
150 to 199 days	54	51	41	40
200 days or more	346	269	233	162

[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	197	1 351	260	732	166	1 338	169	694
Feed for livestock and poultry	278	1 205	379	900	216	1 174	254	837
Commercially mixed formula feeds	129	721	226	426	113	710	158	398
Animal health costs	217	76	(NA)	(NA)	172	73	161	56
Seeds, bulbs, plants, and trees	574	1 042	534	421	502	1 031	431	413
Commercial fertilizer	681	1 807	624	1 289	562	1 766	498	1 250
Other agricultural chemicals including lime	643	1 623	514	1 031	543	1 595	425	1 016
Hired farm labor	426	4 043	422	2 707	395	4 014	360	2 692
Contract labor	131	686	59	349	121	685	56	347
Customwork, machine hire, and rental of machinery and equipment	412	562	377	441	329	533	306	429
Energy and petroleum products	769	1 502	(NA)	(NA)	605	1 436	(NA)	(NA)
Petroleum products	769	1 067	764	752	605	1 019	556	697
Gasoline	721	578	(NA)	(NA)	558	544	523	465
Diesel fuel	407	328	(NA)	(NA)	381	322	280	134
LP gas, butane, and propane	57	17	(NA)	(NA)	52	(D)	49	17
Fuel oil	106	50	(NA)	(NA)	101	50		
Natural gas	6	4	(NA)	(NA)	1	(D)	556	80
Kerosene, motor oil, and grease	769	91	(NA)	(NA)	605	83		
Electricity	553	428	(NA)	(NA)	471	412	(NA)	(NA)
Other—coal, wood, coke, etc.	37	7	(NA)	(NA)	22	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		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	667	53 876	548	52 320	498	35 357
Cropland fertilized, except pasture	667	53 492	548	51 936	(NA)	35 016
Pasture and rangeland fertilized	15	384	15	384	(NA)	341
Lime	215	6 846	185	6 641	128	4 008
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	394	24 336	327	23 692	(NA)	16 300
Nematodes in crops	111	2 160	101	2 125	12	174
Diseases in crops and orchards	306	22 461	273	22 109	130	11 945
Weeds, grass, or brush in crops and pasture	398	30 358	350	29 854	(NA)	19 041
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	58	2 209	58	2 209	29	2 549
Insect control on livestock and poultry	125	(X)	101	(X)	40	(X)
Sanitation and rodent and bird control	113	(X)	97	(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	769	767	605	554
$1,000	22 354	13 229	21 240	11 655
Average per farm—dollars	29 069	17 248	35 107	21 038
Farms by value group:				
$1 to $4,999	87	134	36	58
$5,000 to $9,999	189	185	107	112
$10,000 to $19,999	204	231	178	176

	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	71	109	66	101
$30,000 to $49,999	75	60	75	59
$50,000 to $69,999	60	25	60	25
$70,000 to $99,999	40		40	
$100,000 to $199,999	32	23	32	23
$200,000 or more	11		11	

	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	578	830	331	393	332	437	636	838	465
Motortrucks including pickups	648	1 070	310	408	485	662	645	943	370
Wheel tractors	715	1 996	255	475	653	1 521	716	1 699	227
Grain and bean combines, self-propelled only	38	39	11	12	27	27	42	44	5
Corn heads for combines	20	22	11	13	9	9	22	23	3
Other cornpickers and picker-shellers	181	181	30	30	151	151	174	179	34
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	232	234	109	109	124	125	165	169	60
Pickup balers	235	247	77	79	163	168	230	233	44
Field forage harvesters, shear bar or flywheel type	155	178	49	51	117	127	122	142	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	426	119	(X)	407	(X)	395	360
Workers	5 403	(X)	408	(X)	4 995	5 180	6 180
Farms with—							
1 worker	17	36	36	21	21	17	59
2 workers	47	28	56	39	78	42	27
3 or 4 workers	75	36	117	72	240	74	41
5 to 9 workers	126	11	68	125	850	106	62
10 workers or more	161	8	131	150	3 806	156	171

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	387	(X)	416	(X)	287	(X)	293	(X)
Any cattle, hogs, or sheep	314	(X)	365	(X)	247	(X)	267	(X)
Sales:								
Any livestock or poultry and their products $1,000	321	5 680	381	4 150	256	5 615	270	4 064
Any cattle, hogs, or sheep $1,000	291	2 723	350	(NA)	241	(D)	256	1 665
CATTLE AND CALVES								
Inventory:								
Cattle and calves	277	11 321	345	14 435	216	10 804	253	13 094
Cows and heifers that had calved	194	3 997	277	5 667	149	3 819	203	5 128
Beef cows	114	1 675	189	3 172	79	1 519	120	2 664
Milk cows	92	2 322	118	2 495	80	2 300	101	2 464
Heifers and heifer calves	211	3 488	(NA)	(NA)	164	3 303	165	3 012
Steers, steer calves, bulls and bull calves	221	3 836	(NA)	(NA)	177	3 682	221	4 954
Sales:								
Cattle and calves	248	6 114	321	5 383	208	5 976	241	5 074
$1,000	(X)	2 258	(X)	(NA)	(X)	2 218	(X)	1 460
Calves	125	2 146	(NA)	(NA)	109	2 100	110	1 345
$1,000	(X)	493	(X)	(NA)	(X)	486	(X)	141
Cattle	220	3 968	(NA)	(NA)	187	3 876	227	3 729
$1,000	(X)	1 765	(X)	(NA)	(X)	1 732	(X)	1 319
Fattened cattle	128	2 711	(NA)	(NA)	112	2 664	106	2 022
$1,000	(X)	1 271	(X)	(NA)	(X)	1 251	(X)	798
Dairy products $1,000	70	2 567	(NA)	(NA)	68	(D)	81	2 058
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	80	3 929	89	2 126	65	3 731	57	1 753
Used or to be used for breeding	53	706	(NA)	(NA)	44	667	34	243
Other hogs and pigs	74	3 223	(NA)	(NA)	61	3 064	56	1 510
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	58	742	59	461	49	699	38	409
Dec. 1 of preceding year and May 31	53	375	50	246	45	348	36	216
June 1 and Nov. 30	49	367	47	215	41	351	29	193
Sheep and lambs	7	171	7	638	4	53	5	(D)
Ewes 1 year old or older	6	113	(NA)	(NA)	3	(D)	4	621
Goats	7	33	(NA)	(NA)	1	(D)	1	(D)
Horses and ponies	101	482	109	427	65	297	66	295
Sales:								
Hogs and pigs	86	6 176	75	3 798	71	6 011	50	3 554
$1,000	(X)	459	(X)	(NA)	(X)	449	(X)	180
Feeder pigs	33	2 907	33	1 483	28	2 834	18	1 322
$1,000	(X)	129	(X)	(NA)	(X)	126	(X)	29
Sheep and lambs	10	83	4	641	6	47	3	(D)
Sheep and lambs shorn	6	155	(NA)	(NA)	3	(D)	3	595
Pounds of wool	(X)	1 174	(X)	(NA)	(X)	(D)	(X)	5 800
Sheep, lambs, and wool $1,000	11	6	(NA)	(NA)	7	(D)	3	25
Goats	2	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	22	123	11	33	16	111	5	25
$1,000	(X)	75	(X)	(NA)	(X)	70	(X)	15
POULTRY								
Inventory:								
Any poultry	79	(X)	102	(X)	51	(X)	55	(X)
Chickens 3 months old or older	67	32 135	100	39 970	43	31 422	53	38 186
Hens and pullets of laying age	65	31 905	100	39 699	42	31 279	53	38 023
Pullets 3 months old or older	7	230	(NA)	(NA)	3	143	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	14	605	11	1 671	10	523	7	1 533
Turkeys	4	22	(NA)	(NA)	4	22	2	(D)
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	19	(X)	(NA)	(X)	9	(X)	5	(X)
Sales:								
Any poultry	22	(X)	26	(X)	15	(X)	15	(X)
Chickens 3 months old or older	8	22 481	20	26 550	8	22 481	9	25 986
Hens and pullets of laying age	7	(D)	18	26 548	7	(D)	9	25 986
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	9	911	7	1 236	7	(D)	6	(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	4	(X)	(NA)	(X)	2	(X)	2	(X)
Poultry and poultry products $1,000	29	290	56	314	19	288	28	307

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	322	13 805	(X)	8	564	257	13 134	(X)	8	564
	1974	332	11 312	(X)	(NA)	(NA)	263	10 735	(X)	2	(D)
For grain or seed (bushels)	1978	294	9 454	710 890	4	354	238	8 974	689 076	4	354
	1974	273	6 796	376 572	(NA)	(NA)	223	6 428	360 355	2	(D)
For silage or green chop (tons, green)	1978	152	4 351	45 338	5	210	135	4 160	43 420	5	210
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	156	4 254	40 825	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	53	(X)	–	–
Sorghums for all purposes	1978	13	136	(X)	–	–	12	(D)	(X)	–	–
	1974	7	126	(X)	(NA)	(NA)	5	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	12	(D)	1 055	–	–	12	(D)	1 055	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	60	798	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	55	1 049	32 095	–	–	46	1 008	31 131	–	–
	1974	169	3 192	107 861	(NA)	(NA)	148	3 005	102 314	–	–
Oats for grain (bushels)	1978	80	1 034	53 234	1	(D)	71	996	51 515	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	79	807	36 817	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	16	550	–	–
Rye for grain (bushels)	1978	29	373	8 190	–	–	21	328	7 645	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	54	520	12 864	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	18	(X)	–	–
Soybeans for beans (bushels)	1978	4	150	2 800	–	–	4	150	2 800	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(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	8	66	7 992	2	(D)	6	(D)	(D)	2	(D)
	1974	29	94	9 439	(NA)	(NA)	22	87	8 284	3	17
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
Hay crops (tons, dry) (see text)	1978	394	15 006	34 502	3	105	292	13 118	32 023	3	105
	1974	352	12 922	27 804	(NA)	(NA)	254	11 004	25 328	–	–
Alfalfa hay (tons, dry)	1978	362	12 463	29 786	3	(D)	275	10 846	27 636	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	216	7 732	19 384	–	–
Other tame dry hay (tons, dry) (see text)	1978	48	818	1 836	–	–	33	622	1 577	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	57	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	54	5 182	–	–
All vegetables harvested for sale (see text)	1978	353	11 573	(X)	14	612	327	11 478	(X)	12	(D)
	1974	305	9 083	(X)	(NA)	(NA)	255	8 872	(X)	8	478
Sweet corn	1978	9	37	(X)	1	(D)	6	33	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	116	(X)	1	(D)
Tomatoes	1978	6	8	(X)	3	(D)	5	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	30	(X)	1	(D)
Green peas excluding cowpeas	1978	4	3	(X)	2	(D)	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Land in orchards	1978	290	16 660	(X)	46	1 205	264	16 406	(X)	46	1 205
	1974	298	16 431	(X)	(NA)	(NA)	277	16 339	(X)	9	213
Apples (pounds)	1978	146	4 268	39 383 841	(NA)	(NA)	134	4 197	39 369 411	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3 592	26 078 375	(NA)	(NA)
Peaches (pounds)	1978	104	1 155	5 650 035	(NA)	(NA)	99	1 140	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 744	10 090 712	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	21	21 060	(NA)	(NA)	4	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	35	24 000	(NA)	(NA)
Berries	1978	23	165	(X)	18	156	19	159	(X)	16	(D)
	1974	22	153	(X)	(NA)	(NA)	19	151	(X)	5	72
Strawberries (pounds)	1978	19	105	437 602	16	102	16	103	431 672	14	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	15	65 454	3	8
Nursery and greenhouse products	1978	17	207	(X)	4	89	17	207	(X)	4	89
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	303	73 732	304	70 449	217	65 173	200	61 317
Average size of farm	(X)	243	(X)	232	(X)	300	(X)	307
Approximate land area	(X)	365 440	(X)	365 440	(X)	365 440	(X)	365 440
Proportion in farms, percent	(X)	20.2	(X)	19.3	(X)	17.8	(X)	16.8
Value of land and buildings:[1]								
Average per farm, dollars	131 788	(X)	79 141	(X)	158 618	(X)	103 620	(X)
Average per acre, dollars	(X)	540	(X)	342	(X)	541	(X)	338
Land in farms according to use:								
Total cropland	299	47 287	295	44 348	214	42 529	199	39 877
Harvested cropland	294	35 404	283	30 765	211	32 586	196	28 724
By acres harvested:								
1 to 9 acres	11	46	23	(NA)	6	22	4	(NA)
10 to 19 acres	23	311	20	(NA)	7	111	2	(NA)
20 to 29 acres	28	656	21	(NA)	14	336	1	(NA)
30 to 49 acres	63	2 437	61	(NA)	31	1 219	35	(NA)
50 to 99 acres	68	4 644	66	(NA)	53	(D)	62	(NA)
100 to 199 acres	51	7 079	46	(NA)	50	(D)	46	(NA)
200 to 499 acres	39	12 731	38	(NA)	39	12 731	38	(NA)
500 to 999 acres	11	7 500	8	(NA)	11	7 500	8	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	143	7 743	193	10 101	109	6 610	138	8 106
Other cropland	119	4 140	94	3 482	83	3 333	68	3 047
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	38	683	(NA)	(NA)	23	430	18	261
Cropland on which all crops failed	24	612	(NA)	(NA)	16	532	17	305
Cropland in cultivated summer fallow	47	1 289	(NA)	(NA)	39	1 119	31	798
Cropland idle	59	1 556	(NA)	(NA)	40	1 252	30	1 683
Total woodland	214	18 971	194	16 611	154	16 179	135	13 142
Woodland pastured	117	8 153	(NA)	(NA)	82	6 666	99	7 645
Woodland not pastured	153	10 818	(NA)	(NA)	112	9 513	71	5 497
Other land	233	7 474	231	9 490	166	6 465	163	8 298
Pastureland and rangeland, other than cropland and woodland pastured	53	3 732	(NA)	(NA)	42	3 552	35	3 062
Land in house lots, ponds, roads, wasteland, etc	224	3 742	(NA)	(NA)	159	2 913	157	5 236
Pastureland, all types	205	19 628	(NA)	(NA)	151	16 828	(NA)	18 813
Irrigated land	5	19	2	(D)	4	(D)	2	(D)
Harvested cropland irrigated	5	19	(NA)	(NA)	4	(D)	2	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	73	1 019	(X)	(X)	61	932	(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]	303	7 313	304	4 988	217	7 212	200	4 864
Average per farm, dollars	(X)	24 135	(X)	16 408	(X)	33 233	(X)	24 320
Farms by value of agricultural products sold:[1]								
$100,000 or more	19	3 385	8	(NA)	19	3 385	8	(NA)
$40,000 to $99,999	30	1 853	30	(NA)	30	1 853	30	(NA)
$20,000 to $39,999	33	959	33	(NA)	33	959	33	(NA)
$10,000 to $19,999	35	460	38	(NA)	35	460	38	(NA)
$5,000 to $9,999	56	402	47	(NA)	56	402	47	(NA)
$2,500 to $4,999	44	152	41	(NA)	44	152	41	(NA)
Less than $2,500 (see text)	86	101	107	(NA)	(X)	(X)	3	(NA)
$2,000 to $2,499	19	42	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	16	27	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	17	20	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	34	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	191	1 414	225	1 007	140	1 371	(NA)	951
Grains	104	486	(NA)	(NA)	80	466	107	397
Commodity Credit Corporation loans	5	4	(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	127	451	(NA)	(NA)	99	428	121	490
Vegetables, sweet corn, and melons	11	17	(NA)	(NA)	6	16	3	4
Fruits, nuts, and berries	6	79	(NA)	(NA)	5	(D)	3	(D)
Nursery and greenhouse products	3	(D)	1	(D)	3	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Livestock, poultry, and their products	219	5 899	245	3 971	174	5 841	181	3 903
Poultry and poultry products	17	6	11	4	8	4	4	1
Dairy products	78	4 232	(NA)	(NA)	78	4 232	98	2 916
Cattle and calves	204	1 519	(NA)	(NA)	167	1 475	173	871
Hogs and pigs	25	51	(NA)	(NA)	21	48	17	33
Sheep, lambs, and wool	14	35	(NA)	(NA)	10	31	13	23
Other livestock and livestock products (see text)	14	55	(NA)	(NA)	7	51	8	60

[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	303	304	73 732	294	72 830	35 404	5	167	19	19
Farms with—										
1 to 9 acres	4	9	6	1	(D)	(D)	–	–	–	–
10 to 49 acres	30	33	987	27	(D)	(D)	5	167	19	19
50 to 69 acres	10	7	627	10	627	422	–	–	–	–
70 to 99 acres	48	45	3 849	48	3 849	1 777	–	–	–	–
100 to 139 acres	34	35	3 945	34	3 945	1 559	–	–	–	–
140 to 179 acres	45	39	7 064	44	6 889	2 637	–	–	–	–
180 to 219 acres	24	16	4 790	24	4 790	2 116	–	–	–	–
220 to 259 acres	21	31	5 014	20	4 764	1 918	–	–	–	–
260 to 499 acres	54	59	18 860	53	18 425	9 776	–	–	–	–
500 to 999 acres	27	24	19 318	27	19 318	11 074	–	–	–	–
1,000 to 1,999 acres	6	6	9 272	6	9 272	3 598	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	303	73 732	304	70 449	217	65 173	200	61 317
Harvested cropland	294	35 404	283	30 765	211	32 586	196	28 724
Tenure of operator:								
Full owners	198	34 400	207	33 575	121	26 597	110	25 490
Harvested cropland	191	12 036	(NA)	11 778	115	(D)	(NA)	10 005
Part owners	96	39 000	93	36 043	90	38 282	86	34 996
Harvested cropland	96	23 121	(NA)	18 458	90	22 817	(NA)	18 190
Tenants	9	332	4	831	6	294	4	831
Harvested cropland	7	247	(NA)	529	6	(D)	(NA)	529
Type of organization:								
Individual or family	273	63 312	(NA)	(NA)	193	55 245	182	52 811
Partnership	25	9 344	(NA)	(NA)	22	(D)	18	8 506
Corporation	2	(D)	(NA)	(NA)	2	(D)	–	–
Other—cooperative, estate or trust, institutional, etc.	3	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	168	185	141	154
Other	135	119	76	46
Operators by age group:				
Under 25 years	9	13	6	6
25 to 34 years	22	27	14	11
35 to 44 years	56	44	50	33
45 to 54 years	79	81	60	64
55 to 64 years	76	81	50	52
65 years and over	61	58	37	34
Average age	52.0	52.2	51.0	52.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	232	236	170	160
Not on farm operated	35	23	21	9
Not reported	36	45	26	31
Operators reporting days of work off farm:				
None	134	116	108	90
1 to 49 days	30	29	18	15
50 to 99 days	9	8	6	7
100 to 149 days	10	12	10	7
150 to 199 days	9	14	6	7
200 days or more	97	74	61	30

[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	126	273	111	307	85	264	65	284
Feed for livestock and poultry	207	627	201	576	155	616	134	554
Commercially mixed formula feeds	96	356	132	259	96	356	84	245
Animal health costs	169	64	(NA)	(NA)	125	59	112	48
Seeds, bulbs, plants, and trees	214	226	197	129	170	211	158	125
Commercial fertilizer	199	603	181	316	138	587	147	309
Other agricultural chemicals including lime	143	152	103	50	107	146	93	48
Hired farm labor	124	395	72	195	96	384	61	193
Contract labor	14	11	8	5	2	(D)	5	4
Customwork, machine hire, and rental of machinery and equipment	110	49	98	46	93	47	80	44
Energy and petroleum products	302	612	(NA)	(NA)	214	578	(NA)	(NA)
Petroleum products	302	434	300	296	214	411	199	274
Gasoline	286	185	(NA)	(NA)	202	168	194	162
Diesel fuel	144	145	(NA)	(NA)	124	141	114	78
LP gas, butane, and propane	7	8	(NA)	(NA)	7	8	19	7
Fuel oil	37	55	(NA)	(NA)	33	55		
Natural gas	16	6	(NA)	(NA)	12	6	197	27
Kerosene, motor oil, and grease	302	36	(NA)	(NA)	214	33		
Electricity	209	174	(NA)	(NA)	157	165	(NA)	(NA)
Other—coal, wood, coke, etc.	15	4	(NA)	(NA)	11	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	185	19 263	132	18 535	147	12 339
Cropland fertilized, except pasture	185	(D)	132	(D)	(NA)	12 259
Pasture and rangeland fertilized	1	(D)	1	(D)	(NA)	80
Lime	6	283	2	(D)	7	205
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	49	2 783	41	2 719	(NA)	1 514
Nematodes in crops	2	(D)	2	(D)	2	(D)
Diseases in crops and orchards	1	(D)	1	(D)	2	(D)
Weeds, grass, or brush in crops and pasture	112	11 143	84	10 451	(NA)	5 242
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	1	(D)
Insect control on livestock and poultry	61	(X)	41	(X)	8	(X)
Sanitation and rodent and bird control	32	(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		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	302	297	214	198
$1,000	10 607	6 055	9 798	5 186
Average per farm—dollars	35 122	20 387	45 787	26 192
Farms by value group:				
$1 to $4,999	19	62	15	30
$5,000 to $9,999	88	60	20	27
$10,000 to $19,999	72	78	64	51

	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	47	26	39	23
$30,000 to $49,999	18	46	18	42
$50,000 to $69,999	21	13	21	13
$70,000 to $99,999	13	12	13	12
$100,000 to $199,999	14		14	
$200,000 or more	10		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	215	308	87	101	156	207	236	279	167
Motortrucks including pickups	233	316	118	138	143	178	220	268	141
Wheel tractors	285	752	75	144	256	608	280	659	127
Grain and bean combines, self-propelled only	42	43	4	4	38	39	41	41	7
Corn heads for combines	21	21	5	5	16	16	13	13	3
Other cornpickers and picker-shellers	75	75	28	28	47	47	80	82	20
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	147	147	42	42	105	105	116	120	41
Pickup balers	212	219	44	46	169	173	193	201	38
Field forage harvesters, shear bar or flywheel type	76	83	29	31	50	52	93	113	31

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	124	44	(X)	100	(X)	96	61
Workers	319	(X)	70	(X)	249	267	234
Farms with—							
1 worker	47	26	26	41	41	35	30
2 workers	35	14	28	25	50	23	10
3 or 4 workers	28	3	(D)	23	75	24	9
5 to 9 workers	13	1	(D)	11	83	13	8
10 workers or more	1	–	–	–	–	1	4

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	234	(X)	260	(X)	172	(X)	180	(X)
Any cattle, hogs, or sheep	217	(X)	243	(X)	162	(X)	173	(X)
Sales:								
Any livestock or poultry and their products $1,000	219	5 899	245	3 971	174	5 841	181	3 903
Any cattle, hogs, or sheep $1,000	211	1 606	235	(NA)	171	1 554	177	927
CATTLE AND CALVES								
Inventory:								
Cattle and calves	210	12 398	232	13 952	158	11 789	169	12 913
Cows and heifers that had calved	166	5 111	190	6 116	132	4 866	144	5 653
Beef cows	89	1 194	100	2 088	58	973	60	1 657
Milk cows	90	3 917	112	4 028	86	3 893	101	3 996
Heifers and heifer calves	164	4 289	(NA)	(NA)	132	4 122	134	4 017
Steers, steer calves, bulls and bull calves	180	2 998	(NA)	(NA)	139	2 801	142	3 243
Sales:								
Cattle and calves	204	4 733	223	5 016	167	4 573	173	4 710
$1,000	(X)	1 519	(X)	(NA)	(X)	1 475	(X)	871
Calves	112	1 755	(NA)	(NA)	94	1 683	102	2 151
$1,000	(X)	240	(X)	(NA)	(X)	225	(X)	169
Cattle	174	2 978	(NA)	(NA)	144	2 890	149	2 559
$1,000	(X)	1 279	(X)	(NA)	(X)	1 250	(X)	702
Fattened cattle	51	798	(NA)	(NA)	39	760	33	609
$1,000	(X)	389	(X)	(NA)	(X)	377	(X)	197
Dairy products $1,000	78	4 232	(NA)	(NA)	78	4 232	98	2 916
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	36	507	28	470	24	414	15	399
Used or to be used for breeding	21	131	(NA)	(NA)	16	119	13	78
Other hogs and pigs	34	376	(NA)	(NA)	22	295	14	321
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	21	168	19	161	16	159	16	151
Dec. 1 of preceding year and May 31	16	75	14	103	12	(D)	11	(D)
June 1 and Nov. 30	15	93	14	58	13	(D)	13	(D)
Sheep and lambs	13	585	20	1 519	9	473	14	1 351
Ewes 1 year old or older	13	408	(NA)	(NA)	9	332	14	859
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	38	171	39	146	26	120	18	68
Sales:								
Hogs and pigs	25	934	24	746	21	900	17	708
$1,000	(X)	51	(X)	(NA)	(X)	48	(X)	33
Feeder pigs	12	797	11	484	11	(D)	8	452
$1,000	(X)	38	(X)	(NA)	(X)	(D)	(X)	11
Sheep and lambs	14	660	17	1 054	10	591	13	860
Sheep and lambs shorn	13	636	(NA)	(NA)	9	556	12	940
Pounds of wool	(X)	5 420	(X)	(NA)	(X)	4 809	(X)	6 541
Sheep, lambs, and wool $1,000	14	35	(NA)	(NA)	10	31	13	23
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	7	42	4	8	4	38	4	8
$1,000	(X)	15	(X)	(NA)	(X)	14	(X)	2
POULTRY								
Inventory:								
Any poultry	50	(X)	48	(X)	27	(X)	22	(X)
Chickens 3 months old or older	46	1 452	46	1 562	27	955	20	849
Hens and pullets of laying age	46	1 386	43	1 328	27	(D)	19	722
Pullets 3 months old or older	5	66	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	14	447	8	370	7	311	4	337
Turkeys	6	21	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	5	10	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	4	11	(NA)	(NA)	1	(D)	–	–
Other poultry	8	(X)	(NA)	(X)	3	(X)	–	(X)
Sales:								
Any poultry	11	(X)	1	(X)	6	(X)	–	(X)
Chickens 3 months old or older	5	126	1	(D)	1	(D)	–	–
Hens and pullets of laying age	5	126	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	2	(X)	(NA)	(X)	1	(X)	–	(X)
Poultry and poultry products $1,000	17	6	11	4	8	4	4	1

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	176	11 267	(X)	–	–	146	10 914	(X)	–	–
	1974	181	8 394	(X)	(NA)	(NA)	153	8 139	(X)	–	–
For grain or seed (bushels)	1978	142	5 924	395 536	–	–	117	5 686	382 919	–	–
	1974	127	3 763	225 587	(NA)	(NA)	113	3 651	222 592	–	–
For silage or green chop (tons, green)	1978	110	5 343	54 992	–	–	100	5 228	54 287	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	113	4 448	43 941	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	40	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
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	38	704	18 864	–	–	34	650	18 069	–	–
	1974	97	1 443	52 801	(NA)	(NA)	81	1 331	48 904	–	–
Oats for grain (bushels)	1978	141	3 110	168 468	–	–	108	2 726	154 263	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	108	2 349	139 109	–	–
Barley for grain (bushels)	1978	4	88	6 150	–	–	4	88	6 150	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	3	38	800	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	84	(X)	–	–
Soybeans for beans (bushels)	1978	5	379	4 617	–	–	5	379	4 617	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	5	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	4	49	10 873	(NA)	(NA)	4	49	10 873	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	268	20 191	41 403	–	–	193	18 155	38 731	–	–
	1974	259	18 361	39 451	(NA)	(NA)	186	16 821	37 013	–	–
Alfalfa hay (tons, dry)	1978	241	14 484	32 155	–	–	176	12 740	29 820	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	153	10 974	27 313	–	–
Other tame dry hay (tons, dry) (see text)	1978	28	753	1 187	–	–	19	597	951	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	31	409	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	25	1 500	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	28	380	39 324	–	–
All vegetables harvested for sale (see text)	1978	11	35	(X)	2	(D)	6	29	(X)	1	(D)
	1974	9	22	(X)	(NA)	(NA)	5	18	(X)	–	–
Sweet corn	1978	8	13	(X)	2	(D)	4	11	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	9	(X)	–	–
Tomatoes	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	9	67	(X)	–	–	7	(D)	(X)	–	–
	1974	12	28	(X)	(NA)	(NA)	3	14	(X)	–	–
Apples (pounds)	1978	8	40	(D)	(NA)	(NA)	6	(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	2	(D)	–	(NA)	(NA)	2	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	11	(X)	3	11	2	(D)	(X)	2	(D)
	1974	3	12	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Strawberries (pounds)	1978	3	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	2	(D)
Nursery and greenhouse products	1978	3	2	(X)	1	(D)	3	2	(X)	1	(D)
Other crops	1978	2	(D)	(X)	(NA)	(NA)	2	(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	149	41 572	147	37 105	101	33 335	90	27 988
Average size of farm	(X)	279	(X)	252	(X)	330	(X)	311
Approximate land area	(X)	842 240	(X)	842 240	(X)	842 240	(X)	842 240
Proportion in farms — percent	(X)	4.9	(X)	4.4	(X)	4.0	(X)	3.3
Value of land and buildings:[1]								
Average per farm — dollars	69 400	(X)	45 952	(X)	83 964	(X)	53 600	(X)
Average per acre — dollars	(X)	260	(X)	182	(X)	264	(X)	172
Land in farms according to use:								
Total cropland	147	19 217	144	17 522	99	15 890	89	13 409
Harvested cropland	143	12 715	137	9 635	99	11 255	87	8 345
By acres harvested:								
1 to 9 acres	7	34	15	(NA)	2	(D)	1	(NA)
10 to 19 acres	12	175	5	(NA)	3	44	–	(NA)
20 to 29 acres	11	263	15	(NA)	4	95	6	(NA)
30 to 49 acres	30	1 124	27	(NA)	17	648	13	(NA)
50 to 99 acres	42	2 991	43	(NA)	32	2 333	35	(NA)
100 to 199 acres	30	3 890	26	(NA)	30	3 890	26	(NA)
200 to 499 acres	10	(D)	6	(NA)	10	(D)	6	(NA)
500 to 999 acres	1	(D)	–	(NA)	1	(D)	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	93	4 874	100	6 139	67	(D)	57	4 000
Other cropland	49	1 628	47	1 748	27	(D)	25	1 064
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	16	261	(NA)	(NA)	7	158	4	67
Cropland on which all crops failed	6	83	(NA)	(NA)	3	(D)	8	283
Cropland in cultivated summer fallow	8	201	(NA)	(NA)	7	(D)	6	131
Cropland idle	37	1 083	(NA)	(NA)	22	602	16	583
Total woodland	130	20 214	120	15 991	87	15 729	72	11 982
Woodland pastured	77	10 853	(NA)	(NA)	58	9 580	50	7 645
Woodland not pastured	94	9 361	(NA)	(NA)	60	6 149	50	4 337
Other land	98	2 141	98	3 592	66	1 716	59	2 597
Pastureland and rangeland, other than cropland and woodland pastured	6	518	(NA)	(NA)	3	(D)	19	1 432
Land in house lots, ponds, roads, wasteland, etc	97	1 623	(NA)	(NA)	65	(D)	53	1 165
Pastureland, all types	127	16 245	(NA)	(NA)	91	13 603	(NA)	13 077
Irrigated land	–	–	1	(D)	–	–	1	(D)
Harvested cropland irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	9	101	(X)	(X)	9	101	(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]	149	1 699	147	1 113	101	1 658	90	1 037
Average per farm — dollars	(X)	11 406	(X)	7 571	(X)	16 419	(X)	11 522
Farms by value of agricultural products sold:[1]								
$100,000 or more	2	(D)	–	(NA)	2	(D)	–	(NA)
$40,000 to $99,999	9	(D)	3	(NA)	9	(D)	3	(NA)
$20,000 to $39,999	9	225	11	(NA)	9	225	11	(NA)
$10,000 to $19,999	17	230	11	(NA)	17	230	11	(NA)
$5,000 to $9,999	35	251	31	(NA)	35	251	31	(NA)
$2,500 to $4,999	29	112	32	(NA)	29	112	32	(NA)
Less than $2,500 (see text)	48	41	59	(NA)	(X)	(X)	2	(NA)
$2,000 to $2,499	6	14	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	5	9	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	6	7	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	31	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	79	307	81	145	58	288	(NA)	121
Grains	26	26	(NA)	(NA)	19	(D)	16	23
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	65	272	(NA)	(NA)	50	259	45	96
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	–	–
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	1	(D)	2	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	1	(D)	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	112	1 393	131	926	88	1 370	84	879
Poultry and poultry products	11	(D)	13	128	6	(D)	8	128
Dairy products	35	696	(NA)	(NA)	34	(D)	47	532
Cattle and calves	100	512	(NA)	(NA)	83	495	77	206
Hogs and pigs	7	10	(NA)	(NA)	7	10	3	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other livestock and livestock products (see text)	13	17	(NA)	(NA)	7	13	4	9

[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	149	147	41 572	143	40 462	12 715	–	–	–	–
Farms with—										
1 to 9 acres	–	–	–	–	–	–	–	–	–	–
10 to 49 acres	2	7	(D)	2	(D)	(D)	–	–	–	–
50 to 69 acres	6	2	382	6	382	168	–	–	–	–
70 to 99 acres	15	6	1 224	14	1 145	464	–	–	–	–
100 to 139 acres	17	21	2 046	16	1 926	658	–	–	–	–
140 to 179 acres	20	28	3 193	19	3 032	934	–	–	–	–
180 to 219 acres	18	19	3 602	16	3 192	998	–	–	–	–
220 to 259 acres	9	13	2 163	9	2 163	522	–	–	–	–
260 to 499 acres	49	40	17 777	48	17 437	5 196	–	–	–	–
500 to 999 acres	11	10	7 731	11	7 731	2 967	–	–	–	–
1,000 to 1,999 acres	1	1	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	1	–	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	149	41 572	147	37 105	101	33 335	90	27 988
Harvested cropland	143	12 715	137	9 635	99	11 255	87	8 345
Tenure of operator:								
Full owners	93	21 392	109	23 502	56	(D)	58	15 300
Harvested cropland	88	(D)	(NA)	5 312	54	(D)	(NA)	4 173
Part owners	54	(D)	36	(D)	43	18 030	30	(D)
Harvested cropland	53	7 764	(NA)	4 233	43	7 319	(NA)	4 082
Tenants	2	(D)	2	(D)	2	(D)	2	(D)
Harvested cropland	2	(D)	(NA)	90	2	(D)	(NA)	90
Type of organization:								
Individual or family	135	36 607	(NA)	(NA)	89	(D)	86	26 286
Partnership	14	4 965	(NA)	(NA)	12	(D)	4	1 702
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	82	87	65	71
Other	67	60	36	19
Operators by age group:				
Under 25 years	2	1	2	1
25 to 34 years	14	10	13	7
35 to 44 years	23	37	16	23
45 to 54 years	34	27	20	17
55 to 64 years	38	42	26	23
65 years and over	38	30	24	19
Average age	53.6	52.4	52.6	52.2

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	136	139	91	85
Not on farm operated	4	1	3	–
Not reported	9	7	7	5
Operators reporting days of work off farm:				
None	74	53	57	45
1 to 49 days	10	16	6	10
50 to 99 days	3	3	3	1
100 to 149 days	4	2	2	1
150 to 199 days	7	10	4	6
200 days or more	49	49	27	15

[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	39	55	45	120	28	51	26	114
Feed for livestock and poultry	112	320	117	224	86	313	71	211
Commercially mixed formula feeds	55	259	80	181	50	258	53	174
Animal health costs	81	20	(NA)	(NA)	65	19	50	11
Seeds, bulbs, plants, and trees	80	24	70	16	63	22	48	14
Commercial fertilizer	82	66	71	36	65	63	49	34
Other agricultural chemicals including lime	38	24	33	7	31	22	22	6
Hired farm labor	62	94	72	54	53	92	51	49
Contract labor	6	4	4	1	6	4	2	(D)
Customwork, machine hire, and rental of machinery and equipment	45	13	37	13	29	10	27	11
Energy and petroleum products	147	161	(NA)	(NA)	101	141	(NA)	(NA)
Petroleum products	147	108	147	82	101	93	90	69
Gasoline	146	78	(NA)	(NA)	100	67	90	55
Diesel fuel	44	13	(NA)	(NA)	36	12	25	7
LP gas, butane, and propane	6	(D)	(NA)	(NA)	6	(D)	3	(Z)
Fuel oil	4	(D)	(NA)	(NA)	2	(D)		
Natural gas	4	3	(NA)	(NA)	4	3	90	7
Kerosene, motor oil, and grease	147	11	(NA)	(NA)	101	8		
Electricity	122	49	(NA)	(NA)	93	45	(NA)	(NA)
Other—coal, wood, coke, etc.	18	4	(NA)	(NA)	15	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	82	3 104	65	2 976	49	1 538
Cropland fertilized, except pasture	82	(D)	65	(D)	(NA)	1 412
Pasture and rangeland fertilized	2	(D)	2	(D)	(NA)	126
Lime	24	579	21	547	11	281
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	2	(D)	2	(D)	(NA)	2
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	10	244	6	226	1	(D)
Weeds, grass, or brush in crops and pasture	27	1 007	24	1 003	(NA)	80
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	20	(X)	20	(X)	8	(X)
Sanitation and rodent and bird control	13	(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	149	147	101	90
$1,000	2 848	2 045	2 529	1 546
Average per farm—dollars	19 115	13 912	25 038	17 178
Farms by value group:				
$1 to $4,999	27	34	12	15
$5,000 to $9,999	40	38	15	21
$10,000 to $19,999	39	37	32	20

	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	15	21	15	18
$30,000 to $49,999	14	13	13	12
$50,000 to $69,999	6	3	6	3
$70,000 to $99,999	4	1	4	1
$100,000 to $199,999	4		4	
$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	78	94	52	56	32	38	112	149	68
Motortrucks including pickups	121	161	68	70	74	91	121	164	71
Wheel tractors	145	369	22	22	137	347	146	312	21
Grain and bean combines, self-propelled only	27	27	1	(D)	26	(D)	14	14	–
Corn heads for combines	2	(D)	–	–	2	(D)	1	(D)	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	52	53	18	18	35	35	52	52	13
Pickup balers	113	118	25	27	88	91	107	110	17
Field forage harvesters, shear bar or flywheel type	31	31	9	9	22	22	15	16	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	Farms	Workers	Farms	Workers	1978	1974
Farms	62	10	(X)	62	(X)	53	51
Workers	203	(X)	16	(X)	187	186	191
Farms with—							
1 worker	18	5	5	18	18	15	13
2 workers	12	4	(D)	18	36	8	11
3 or 4 workers	19	1	(D)	15	51	17	18
5 to 9 workers	10	–	–	9	(D)	10	6
10 workers or more	3	–	–	2	(D)	3	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	123	(X)	135	(X)	88	(X)	84	(X)
Any cattle, hogs, or sheep	107	(X)	129	(X)	81	(X)	79	(X)
Sales:								
Any livestock or poultry and their products, $1,000	112	1 393	131	926	88	1 370	84	879
Any cattle, hogs, or sheep, $1,000	101	(D)	121	(NA)	83	(D)	78	209
CATTLE AND CALVES								
Inventory:								
Cattle and calves	107	4 069	128	4 618	81	3 796	78	3 804
Cows and heifers that had calved	98	2 246	121	2 302	73	2 115	76	1 892
Beef cows	61	1 461	73	1 278	42	1 351	36	902
Milk cows	49	785	67	1 024	41	764	55	990
Heifers and heifer calves	78	1 161	(NA)	(NA)	63	1 112	68	1 192
Steers, steer calves, bulls and bull calves	92	662	(NA)	(NA)	68	569	75	720
Sales:								
Cattle and calves	100	1 653	120	1 439	83	1 579	77	1 200
$1,000	(X)	512	(X)	(NA)	(X)	495	(X)	206
Calves	59	769	(NA)	(NA)	53	743	55	656
$1,000	(X)	170	(X)	(NA)	(X)	168	(X)	58
Cattle	90	884	(NA)	(NA)	74	836	66	544
$1,000	(X)	342	(X)	(NA)	(X)	327	(X)	148
Fattened cattle	5	79	(NA)	(NA)	5	79	3	5
$1,000	(X)	25	(X)	(NA)	(X)	25	(X)	1
Dairy products, $1,000	35	696	(NA)	(NA)	34	(D)	47	532
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	14	201	10	45	10	191	7	39
Used or to be used for breeding	8	59	(NA)	(NA)	8	59	4	7
Other hogs and pigs	14	142	(NA)	(NA)	10	132	6	32
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	8	68	4	6	8	68	4	6
Dec. 1 of preceding year and May 31	6	32	2	(D)	6	32	2	(D)
June 1 and Nov. 30	6	36	3	(D)	6	36	3	(D)
Sheep and lambs	2	(D)	2	(D)	1	(D)	1	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	31	139	24	97	17	81	14	78
Sales:								
Hogs and pigs	7	333	3	32	7	333	3	32
$1,000	(X)	10	(X)	(NA)	(X)	10	(X)	(D)
Feeder pigs	4	316	–	–	4	316	–	–
$1,000	(X)	9	(X)	(NA)	(X)	9	(X)	–
Sheep and lambs	2	(D)	2	(D)	1	(D)	1	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool, $1,000	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	10	20	3	19	4	10	2	(D)
$1,000	(X)	12	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	25	(X)	27	(X)	14	(X)	16	(X)
Chickens 3 months old or older	21	(D)	27	(D)	12	(D)	16	(D)
Hens and pullets of laying age	20	(D)	27	(D)	11	(D)	16	(D)
Pullets 3 months old or older	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	–	–
Broilers and other meat-type chickens	5	109	3	148	1	(D)	1	(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	5	(X)	(NA)	(X)	3	(X)	–	(X)
Sales:								
Any poultry	7	(X)	6	(X)	5	(X)	5	(X)
Chickens 3 months old or older	7	13 034	6	(D)	5	(D)	5	(D)
Hens and pullets of laying age	7	(D)	6	(D)	5	(D)	5	(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	–	–	–	–	–	–	–	–
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	11	(D)	13	128	6	(D)	8	128

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	145	(X)	–	–	6	145	(X)	–	–
	1974	4	56	(X)	(NA)	(NA)	4	56	(X)	–	–
For grain or seed (bushels)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	4	(D)	1 146	–	–	4	(D)	1 146	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	425	–	–
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)	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	105	3 029	–	–	7	(D)	(D)	–	–
	1974	4	81	1 615	(NA)	(NA)	4	81	1 615	–	–
Oats for grain (bushels)	1978	82	1 740	71 982	–	–	63	1 583	66 806	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	62	1 299	45 113	–	–
Barley for grain (bushels)	1978	13	91	3 283	–	–	10	82	2 925	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	95	3 485	–	–
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)	(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	2	(D)	(D)	–	–	–	–	–	–	–
	1974	3	2	125	(NA)	(NA)	1	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	138	10 543	15 515	–	–	97	9 263	13 964	–	–
	1974	124	8 204	13 710	(NA)	(NA)	85	7 005	12 056	–	–
Alfalfa hay (tons, dry)	1978	43	2 290	3 508	–	–	35	2 002	3 224	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	912	1 719	–	–
Other tame dry hay (tons, dry) (see text)	1978	104	6 861	10 519	–	–	75	6 024	9 402	–	–
Field seed crops	1978	9	506	(X)	–	–	7	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	107	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(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	7	15	(X)	–	–	4	11	(X)	–	–
	1974	5	7	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	7	14	1 040	(NA)	(NA)	4	11	(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)	(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	4	5	(X)	–	–	1	(D)	(X)	–	–
	1974	3	9	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Strawberries (pounds)	1978	4	4	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	1	(D)
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	546	125 053	554	117 288	352	101 980	329	90 376
Average size of farm	(X)	229	(X)	212	(X)	290	(X)	275
Approximate land area	(X)	371 840	(X)	371 840	(X)	371 840	(X)	371 840
Proportion in farms — percent	(X)	33.6	(X)	31.5	(X)	27.4	(X)	24.3
Value of land and buildings:[1]								
Average per farm — dollars	99 584	(X)	61 756	(X)	123 088	(X)	80 535	(X)
Average per acre — dollars	(X)	461	(X)	292	(X)	450	(X)	293
Land in farms according to use:								
Total cropland	537	79 383	539	73 305	346	68 232	325	57 499
Harvested cropland	516	53 659	513	45 140	337	48 377	320	39 323
By acres harvested:								
1 to 9 acres	23	131	24	(NA)	7	27	4	(NA)
10 to 19 acres	44	640	33	(NA)	8	137	5	(NA)
20 to 29 acres	60	1 370	68	(NA)	16	366	16	(NA)
30 to 49 acres	101	3 867	103	(NA)	41	1 641	39	(NA)
50 to 99 acres	126	8 834	134	(NA)	103	7 389	106	(NA)
100 to 199 acres	95	13 747	104	(NA)	95	13 747	103	(NA)
200 to 499 acres	55	17 005	41	(NA)	55	17 005	41	(NA)
500 to 999 acres	12	8 065	6	(NA)	12	8 065	6	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	314	17 408	403	20 560	222	13 993	239	13 333
Other cropland	256	8 316	199	7 605	173	5 862	122	4 843
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	89	1 686	(NA)	(NA)	69	1 481	27	1 133
Cropland on which all crops failed	42	809	(NA)	(NA)	34	686	16	238
Cropland in cultivated summer fallow	75	1 412	(NA)	(NA)	52	1 228	67	1 845
Cropland idle	151	4 409	(NA)	(NA)	94	2 467	50	1 627
Total woodland	406	27 453	382	25 183	258	20 226	245	19 334
Woodland pastured	154	8 444	(NA)	(NA)	112	7 186	118	8 665
Woodland not pastured	319	19 009	(NA)	(NA)	194	13 040	190	10 669
Other land	432	18 217	439	18 800	274	13 522	265	13 543
Pastureland and rangeland, other than cropland and woodland pastured	109	7 469	(NA)	(NA)	67	5 760	79	5 319
Land in house lots, ponds, roads, wasteland, etc	408	10 748	(NA)	(NA)	255	7 762	256	8 224
Pastureland, all types	391	33 321	(NA)	(NA)	266	26 939	(NA)	27 317
Irrigated land	13	747	9	123	12	(D)	7	(D)
Harvested cropland irrigated	13	(D)	(NA)	(NA)	12	(D)	7	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	104	1 421	(X)	(X)	89	1 324	(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]	546	12 065	554	8 439	352	11 868	329	8 173
Average per farm — dollars	(X)	22 096	(X)	15 233	(X)	33 716	(X)	24 842
Farms by value of agricultural products sold:[1]								
$100,000 or more	30	5 076	11	(NA)	30	5 076	11	(NA)
$40,000 to $99,999	58	3 894	56	(NA)	58	3 894	56	(NA)
$20,000 to $39,999	42	1 202	57	(NA)	42	1 202	57	(NA)
$10,000 to $19,999	61	849	51	(NA)	61	849	51	(NA)
$5,000 to $9,999	72	521	63	(NA)	72	521	63	(NA)
$2,500 to $4,999	89	326	86	(NA)	89	326	86	(NA)
Less than $2,500 (see text)	194	197	230	(NA)	(X)	(X)	5	(NA)
$2,000 to $2,499	32	70	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	35	58	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	30	36	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	97	33	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	285	1 660	376	1 507	197	1 567	(NA)	1 371
Grains	124	297	(NA)	(NA)	101	280	136	396
Commodity Credit Corporation loans	6	3	(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	217	1 130	(NA)	(NA)	142	1 055	171	619
Vegetables, sweet corn, and melons	4	(D)	(NA)	(NA)	2	(D)	–	–
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	3	(D)	5	36
Nursery and greenhouse products	4	70	6	47	3	(D)	3	44
Other crops	7	145	(NA)	(NA)	6	(D)	12	276
Livestock, poultry, and their products	398	10 405	425	6 928	297	10 301	289	6 800
Poultry and poultry products	29	(D)	27	148	17	(D)	15	146
Dairy products	150	8 062	(NA)	(NA)	148	(D)	163	5 286
Cattle and calves	354	1 685	(NA)	(NA)	274	1 604	272	1 121
Hogs and pigs	54	382	(NA)	(NA)	38	370	29	209
Sheep, lambs, and wool	14	(D)	(NA)	(NA)	13	(D)	10	33
Other livestock and livestock products (see text)	32	34	(NA)	(NA)	15	27	10	5

[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	546	554	125 053	516	122 293	53 659	13	4 856	3 371	747
Farms with—										
1 to 9 acres	6	8	15	3	9	7	2	(D)	(D)	(D)
10 to 49 acres	46	43	1 648	36	1 318	694	–	–	–	–
50 to 69 acres	23	25	1 374	20	1 180	496	–	–	–	–
70 to 99 acres	72	61	5 862	66	5 387	2 189	1	(D)	(D)	(D)
100 to 139 acres	73	96	8 695	70	8 307	3 200	2	(D)	(D)	(D)
140 to 179 acres	70	78	10 927	68	10 607	3 555	1	(D)	(D)	(D)
180 to 219 acres	46	47	9 061	46	9 061	3 278	–	–	–	–
220 to 259 acres	53	34	12 636	51	12 174	5 076	1	(D)	(D)	(D)
260 to 499 acres	106	123	38 184	106	38 184	16 609	1	(D)	(D)	(D)
500 to 999 acres	45	37	29 973	44	29 388	14 890	4	2 616	1 998	530
1,000 to 1,999 acres	6	2	6 678	6	6 678	3 665	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	546	125 053	554	117 288	352	101 980	329	90 376
Harvested cropland	516	53 659	513	45 140	337	48 377	320	39 323
Tenure of operator:								
Full owners	362	62 618	415	69 036	195	(D)	198	(D)
Harvested cropland	338	21 072	(NA)	21 862	183	(D)	(NA)	16 363
Part owners	173	60 312	132	46 596	148	57 566	126	45 809
Harvested cropland	167	31 480	(NA)	22 658	145	30 834	(NA)	22 398
Tenants	11	2 123	7	1 656	9	(D)	5	(D)
Harvested cropland	11	1 107	(NA)	620	9	(D)	(NA)	562
Type of organization:								
Individual or family	505	106 816	(NA)	(NA)	315	84 219	306	78 667
Partnership	39	(D)	(NA)	(NA)	35	(D)	22	(D)
Corporation	2	(D)	(NA)	(NA)	2	(D)	1	(D)
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	268	313	222	239
Other	278	240	130	89
Operators by age group:				
Under 25 years	8	6	8	5
25 to 34 years	50	58	34	36
35 to 44 years	104	77	71	55
45 to 54 years	146	171	95	93
55 to 64 years	129	128	85	85
65 years and over	109	113	59	54
Average age	52.3	52.6	51.0	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	447	445	298	277
Not on farm operated	42	15	19	3
Not reported	57	93	35	48
Operators reporting days of work off farm:				
None	211	189	163	135
1 to 49 days	40	32	28	23
50 to 99 days	18	6	16	5
100 to 149 days	16	26	9	23
150 to 199 days	28	21	16	7
200 days or more	208	191	104	71

[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	160	636	218	661	121	614	120	589
Feed for livestock and poultry	362	2 096	397	1 578	249	2 063	239	1 530
Commercially mixed formula feeds	174	1 121	205	908	152	1 113	142	893
Animal health costs	305	148	(NA)	(NA)	221	145	195	104
Seeds, bulbs, plants, and trees	348	300	312	172	223	269	238	165
Commercial fertilizer	340	634	332	411	219	601	239	394
Other agricultural chemicals including lime	260	163	167	88	185	154	144	86
Hired farm labor	187	481	149	231	148	444	117	223
Contract labor	13	11	14	12	13	11	12	(D)
Customwork, machine hire, and rental of machinery and equipment	192	107	179	69	116	97	127	62
Energy and petroleum products	548	838	(NA)	(NA)	321	746	(NA)	(NA)
Petroleum products	548	537	524	383	321	472	313	333
Gasoline	517	312	(NA)	(NA)	312	264	308	217
Diesel fuel	177	146	(NA)	(NA)	138	141	134	78
LP gas, butane, and propane	29	12	(NA)	(NA)	29	12	20	6
Fuel oil	52	12	(NA)	(NA)	34	11		
Natural gas	11	8	(NA)	(NA)	7	6	313	32
Kerosene, motor oil, and grease	548	46	(NA)	(NA)	321	39		
Electricity	414	300	(NA)	(NA)	260	273	(NA)	(NA)
Other—coal, wood, coke, etc.	18	2	(NA)	(NA)	12	1	(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	340	22 971	219	21 229	239	17 658
Cropland fertilized, except pasture	340	22 516	219	20 774	(NA)	17 213
Pasture and rangeland fertilized	11	455	11	455	(NA)	445
Lime	120	2 093	88	1 839	35	1 358
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	58	4 082	48	4 012	(NA)	1 902
Nematodes in crops	3	343	3	343	–	–
Diseases in crops and orchards	17	829	11	475	–	–
Weeds, grass, or brush in crops and pasture	191	10 687	142	10 302	(NA)	6 164
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	148	(X)	108	(X)	35	(X)
Sanitation and rodent and bird control	37	(X)	33	(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	548	526	321	314
$1,000	14 283	9 158	12 722	7 481
Average per farm—dollars	26 065	17 411	39 632	23 825
Farms by value group:				
$1 to $4,999	78	131	21	52
$5,000 to $9,999	174	102	49	33
$10,000 to $19,999	124	132	82	77
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	20	68	17	59
$30,000 to $49,999	79	63	79	63
$50,000 to $69,999	16	13	16	13
$70,000 to $99,999	25		25	
$100,000 to $199,999	26	17	26	17
$200,000 or more	6		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	415	521	234	250	244	271	445	568	312
Motortrucks including pickups	441	541	242	259	247	282	411	476	188
Wheel tractors	500	1 149	66	92	493	1 057	488	1 066	155
Grain and bean combines, self-propelled only	88	90	9	9	79	81	50	50	3
Corn heads for combines	17	18	8	8	9	10	14	14	4
Other cornpickers and picker-shellers	116	120	13	13	103	107	120	121	19
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	315	322	71	71	244	251	192	199	77
Pickup balers	333	346	50	51	290	295	317	318	75
Field forage harvesters, shear bar or flywheel type	130	140	32	35	98	105	141	158	61

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	187	41	(X)	172	(X)	148	117
Workers	618	(X)	61	(X)	557	523	496
Farms with—							
1 worker	58	25	25	56	56	47	42
2 workers	25	12	24	23	46	25	20
3 or 4 workers	75	4	12	66	211	47	28
5 to 9 workers	24	–	–	22	116	24	22
10 workers or more	5	–	–	5	128	5	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	425	(X)	465	(X)	295	(X)	298	(X)
Any cattle, hogs, or sheep	395	(X)	442	(X)	280	(X)	290	(X)
Sales:								
Any livestock or poultry and their products $1,000	398	10 405	425	6 928	297	10 301	289	6 800
Any cattle, hogs, or sheep $1,000	377	(D)	402	(NA)	285	(D)	282	1 363
CATTLE AND CALVES								
Inventory:								
Cattle and calves	376	18 832	435	20 291	270	17 575	286	18 187
Cows and heifers that had calved	334	9 682	378	10 271	247	9 179	262	9 347
Beef cows	191	2 594	204	3 183	117	2 131	112	2 350
Milk cows	171	7 088	201	7 088	155	7 048	174	6 997
Heifers and heifer calves	309	6 030	(NA)	(NA)	232	5 753	213	5 182
Steers, steer calves, bulls and bull calves	313	3 120	(NA)	(NA)	226	2 643	225	3 658
Sales:								
Cattle and calves	354	6 487	387	6 026	274	6 158	272	5 402
$1,000	(X)	1 685	(X)	(NA)	(X)	1 604	(X)	1 121
Calves	206	3 182	(NA)	(NA)	176	3 024	170	2 345
$1,000	(X)	364	(X)	(NA)	(X)	346	(X)	200
Cattle	291	3 305	(NA)	(NA)	233	3 134	237	3 057
$1,000	(X)	1 321	(X)	(NA)	(X)	1 258	(X)	922
Fattened cattle	69	538	(NA)	(NA)	50	494	29	416
$1,000	(X)	241	(X)	(NA)	(X)	220	(X)	150
Dairy products $1,000	150	8 062	(NA)	(NA)	148	(D)	163	5 286
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	73	4 096	67	1 946	46	3 708	34	1 687
Used or to be used for breeding	46	690	(NA)	(NA)	32	623	17	284
Other hogs and pigs	62	3 406	(NA)	(NA)	38	3 085	33	1 403
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	48	796	37	642	34	751	23	593
Dec. 1 of preceding year and May 31	31	380	28	388	25	369	18	365
June 1 and Nov. 30	34	416	27	254	24	382	17	228
Sheep and lambs	13	843	18	1 225	12	(D)	11	1 009
Ewes 1 year old or older	13	552	(NA)	(NA)	12	(D)	10	721
Goats	4	14	(NA)	(NA)	2	(D)	–	–
Horses and ponies	116	489	116	498	65	283	53	268
Sales:								
Hogs and pigs	54	5 599	44	4 039	38	5 405	29	3 860
$1,000	(X)	382	(X)	(NA)	(X)	370	(X)	209
Feeder pigs	27	3 370	23	1 411	19	3 245	18	1 340
$1,000	(X)	158	(X)	(NA)	(X)	154	(X)	32
Sheep and lambs	14	569	15	1 189	13	(D)	10	1 085
Sheep and lambs shorn	13	620	(NA)	(NA)	12	(D)	9	590
Pounds of wool	(X)	5 433	(X)	(NA)	(X)	(D)	(X)	4 944
Sheep, lambs, and wool $1,000	14	(D)	(NA)	(NA)	13	(D)	10	33
Goats	1	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	24	67	15	58	11	40	8	39
$1,000	(X)	25	(X)	(NA)	(X)	20	(X)	5
POULTRY								
Inventory:								
Any poultry	83	(X)	99	(X)	49	(X)	49	(X)
Chickens 3 months old or older	77	24 740	92	21 167	45	(D)	45	19 805
Hens and pullets of laying age	75	24 626	88	20 605	44	(D)	45	(D)
Pullets 3 months old or older	11	114	(NA)	(NA)	6	72	1	(D)
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	2	(D)	–	–
Broilers and other meat-type chickens	21	294	12	318	11	112	5	238
Turkeys	6	14	(NA)	(NA)	3	8	3	8
Turkeys for slaughter	3	8	(NA)	(NA)	3	8	1	(D)
Turkey hens kept for breeding	3	6	(NA)	(NA)	–	–	2	(D)
Other poultry	14	(X)	(NA)	(X)	10	(X)	2	(X)
Sales:								
Any poultry	16	(X)	15	(X)	10	(X)	6	(X)
Chickens 3 months old or older	8	(D)	10	(D)	7	(D)	6	(D)
Hens and pullets of laying age	8	(D)	10	(D)	7	(D)	6	(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	3	90	6	213	–	–	–	–
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	29	(D)	27	148	17	(D)	15	146

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	276	13 500	(X)	6	400	223	13 079	(X)	6	400
	1974	266	11 099	(X)	(NA)	(NA)	225	10 759	(X)	1	(D)
For grain or seed (bushels)	1978	190	5 993	429 747	6	(D)	149	5 741	417 534	6	(D)
	1974	167	4 275	266 311	(NA)	(NA)	132	4 053	257 003	–	–
For silage or green chop (tons, green)	1978	180	7 507	70 844	2	(D)	164	7 338	69 493	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	178	6 488	66 663	1	(D)
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	218	(X)	–	–
Sorghums for all purposes	1978	12	196	(X)	–	–	11	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	12	196	1 524	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	61	887	22 426	1	(D)	48	774	20 840	1	(D)
	1974	147	2 186	73 721	(NA)	(NA)	113	1 951	66 289	–	–
Oats for grain (bushels)	1978	191	3 460	159 404	1	(D)	149	3 100	147 012	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	159	2 680	116 954	1	(D)
Barley for grain (bushels)	1978	4	26	1 275	–	–	4	26	1 275	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	15	380	–	–
Rye for grain (bushels)	1978	8	78	1 775	–	–	8	78	1 775	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	83	1 860	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	5	40	(X)	–	–
Soybeans for beans (bushels)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(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	11	196	22 685	–	–	7	193	22 430	–	–
	1974	18	209	34 697	(NA)	(NA)	9	199	34 034	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	483	36 865	72 092	5	384	320	32 434	65 596	4	(D)
	1974	472	28 837	53 034	(NA)	(NA)	296	23 878	46 212	1	(D)
Alfalfa hay (tons, dry)	1978	421	26 481	55 378	3	(D)	291	23 134	50 227	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	239	14 512	31 018	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	77	3 039	4 886	1	(D)	41	2 259	3 815	–	–
Field seed crops	1978	3	65	(X)	–	–	3	65	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	33	347	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	8	162	–	–
Red clover seed (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	33	339	23 885	–	–
All vegetables harvested for sale (see text)	1978	4	5	(X)	1	(D)	2	(D)	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	3	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Tomatoes	1978	3	2	(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	5	23	(X)	–	–	2	(D)	(X)	–	–
	1974	10	16	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	5	23	4 400	(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)	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	4	(D)	(X)	2	(D)	4	(D)	(X)	2	(D)
	1974	4	25	(X)	(NA)	(NA)	3	(D)	(X)	3	24
Strawberries (pounds)	1978	2	(D)	(D)	1	(D)	2	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	24	49 200	3	24
Nursery and greenhouse products	1978	4	8	(X)	3	8	3	(D)	(X)	3	8
Other crops	1978	2	(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	80	17 110	87	20 827	59	14 364	62	17 445
Average size of farm	(X)	214	(X)	239	(X)	243	(X)	281
Approximate land area	(X)	360 320	(X)	360 320	(X)	360 320	(X)	360 320
Proportion in farms, percent	(X)	4.7	(X)	5.8	(X)	4.0	(X)	4.8
Value of land and buildings:[1]								
Average per farm, dollars	117 093	(X)	85 759	(X)	133 816	(X)	101 484	(X)
Average per acre, dollars	(X)	547	(X)	358	(X)	550	(X)	361
Land in farms according to use:								
Total cropland	79	10 541	85	13 159	58	9 091	60	11 719
Harvested cropland	75	6 264	81	7 145	57	5 739	59	6 661
By acres harvested:								
1 to 9 acres	6	32	7	(NA)	4	(D)	1	(NA)
10 to 19 acres	7	97	5	(NA)	2	(D)	1	(NA)
20 to 29 acres	9	201	11	(NA)	6	132	4	(NA)
30 to 49 acres	13	532	10	(NA)	8	333	7	(NA)
50 to 99 acres	19	1 314	24	(NA)	16	1 144	22	(NA)
100 to 199 acres	13	1 675	17	(NA)	13	1 675	17	(NA)
200 to 499 acres	8	2 413	7	(NA)	8	2 413	7	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	55	3 328	69	5 451	40	2 670	51	4 689
Other cropland	33	949	17	563	24	682	11	369
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	12	170	(NA)	(NA)	9	124	1	(D)
Cropland on which all crops failed	6	107	(NA)	(NA)	4	(D)	4	48
Cropland in cultivated summer fallow	7	123	(NA)	(NA)	5	(D)	5	51
Cropland idle	15	549	(NA)	(NA)	9	385	1	(D)
Total woodland	68	5 146	62	4 743	51	4 349	44	3 410
Woodland pastured	26	1 389	(NA)	(NA)	22	(D)	23	2 031
Woodland not pastured	53	3 757	(NA)	(NA)	37	(D)	32	1 379
Other land	64	1 423	70	2 925	46	924	48	2 316
Pastureland and rangeland, other than cropland and woodland pastured	11	520	(NA)	(NA)	10	(D)	18	1 693
Land in house lots, ponds, roads, wasteland, etc	63	903	(NA)	(NA)	45	(D)	44	623
Pastureland, all types	60	5 237	(NA)	(NA)	44	4 517	(NA)	8 413
Irrigated land	2	(D)	3	5	2	(D)	3	5
Harvested cropland irrigated	1	(D)	(NA)	(NA)	1	(D)	3	5
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	4	76	(X)	(X)	4	76	(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]	80	1 700	87	1 619	59	1 682	62	1 595
Average per farm, dollars	(X)	21 246	(X)	18 609	(X)	28 502	(X)	25 726
Farms by value of agricultural products sold:[1]								
$100,000 or more	4	499	2	(NA)	4	499	2	(NA)
$40,000 to $99,999	9	551	10	(NA)	9	551	10	(NA)
$20,000 to $39,999	12	369	12	(NA)	12	369	12	(NA)
$10,000 to $19,999	8	105	15	(NA)	8	105	15	(NA)
$5,000 to $9,999	15	117	8	(NA)	15	117	8	(NA)
$2,500 to $4,999	11	42	11	(NA)	11	42	11	(NA)
Less than $2,500 (see text)	21	18	29	(NA)	(X)	(X)	4	(NA)
$2,000 to $2,499	3	6	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	4	7	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	13	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	33	147	45	123	26	138	(NA)	(D)
Grains	12	26	(NA)	(NA)	10	(D)	6	16
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	24	110	(NA)	(NA)	19	103	27	91
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	–	–	–	–
Nursery and greenhouse products	3	(D)	2	(D)	3	(D)	1	(D)
Other crops	–	–	(NA)	(NA)	–	–	1	(D)
Livestock, poultry, and their products	58	1 553	71	1 494	48	1 543	57	(D)
Poultry and poultry products	10	(D)	10	40	9	(D)	10	40
Dairy products	29	1 003	(NA)	(NA)	27	(D)	33	1 041
Cattle and calves	49	446	(NA)	(NA)	43	441	54	336
Hogs and pigs	10	19	(NA)	(NA)	7	17	2	(D)
Sheep, lambs, and wool	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Other livestock and livestock products (see text)	12	16	(NA)	(NA)	8	14	6	(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	80	87	17 110	75	16 000	6 264	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	2	2	(D)	2	(D)	(D)	–	–	–	–
10 to 49 acres	5	1	178	5	178	112	–	–	–	–
50 to 69 acres	2	5	(D)	2	(D)	(D)	–	–	–	–
70 to 99 acres	9	8	741	8	656	181	–	–	–	–
100 to 139 acres	11	15	1 313	9	1 085	430	–	–	–	–
140 to 179 acres	15	9	2 334	15	2 334	856	–	–	–	–
180 to 219 acres	11	9	2 173	10	1 976	640	1	(D)	(D)	(D)
220 to 259 acres	4	10	919	4	919	389	1	(D)	(D)	(D)
260 to 499 acres	15	21	5 267	15	5 267	2 462	–	–	–	–
500 to 999 acres	6	7	4 063	5	3 463	1 122	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	80	17 110	87	20 827	59	14 364	62	17 445
Harvested cropland	75	6 264	81	7 145	57	5 739	59	6 661
Tenure of operator:								
Full owners	54	8 980	66	13 440	33	6 234	43	10 275
Harvested cropland	49	2 707	(NA)	3 889	31	2 182	(NA)	3 497
Part owners	26	8 130	19	(D)	26	8 130	17	(D)
Harvested cropland	26	3 557	(NA)	2 954	26	3 557	(NA)	2 862
Tenants	–	–	2	(D)	–	–	2	(D)
Harvested cropland	–	–	(NA)	302	–	–	(NA)	302
Type of organization:								
Individual or family	76	15 071	(NA)	(NA)	55	12 325	61	(D)
Partnership	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	–	–
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	46	49	38	47
Other	34	38	21	15
Operators by age group:				
Under 25 years	2	–	2	–
25 to 34 years	14	16	11	12
35 to 44 years	14	21	12	11
45 to 54 years	17	16	12	13
55 to 64 years	19	26	15	18
65 years and over	14	8	7	8
Average age	50.0	50.1	48.4	50.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	63	74	49	51
Not on farm operated	6	4	4	3
Not reported	11	9	6	8
Operators reporting days of work off farm:				
None	33	30	24	28
1 to 49 days	9	11	9	11
50 to 99 days	2	8	–	5
100 to 149 days	5	2	5	2
150 to 199 days	3	12	1	–
200 days or more	24	14	17	9

[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	33	155	35	82	28	149	22	74
Feed for livestock and poultry	58	291	65	270	45	280	47	263
Commercially mixed formula feeds	30	175	33	90	28	(D)	25	88
Animal health costs	50	14	(NA)	(NA)	40	12	40	9
Seeds, bulbs, plants, and trees	58	35	57	41	46	32	47	40
Commercial fertilizer	53	97	49	89	43	93	42	87
Other agricultural chemicals including lime	35	19	28	13	29	18	26	(D)
Hired farm labor	31	59	25	25	26	54	18	24
Contract labor	1	(D)	1	(Z)	1	(D)	1	(Z)
Customwork, machine hire, and rental of machinery and equipment	22	4	32	9	17	3	25	8
Energy and petroleum products	78	122	(NA)	(NA)	58	116	(NA)	(NA)
Petroleum products	78	79	83	74	58	75	61	67
Gasoline	74	45	(NA)	(NA)	55	42	61	48
Diesel fuel	42	24	(NA)	(NA)	35	24	28	13
LP gas, butane, and propane	8	3	(NA)	(NA)	8	3	–	–
Fuel oil	3	1	(NA)	(NA)	3	1	61	5
Natural gas	–	–	(NA)	(NA)	–	–		
Kerosene, motor oil, and grease	78	6	(NA)	(NA)	58	5		
Electricity	50	(D)	(NA)	(NA)	40	(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	51	3 572	41	3 411	42	2 849
Cropland fertilized, except pasture	49	3 449	40	(D)	(NA)	2 838
Pasture and rangeland fertilized	7	123	5	(D)	(NA)	11
Lime	9	212	7	(D)	2	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	5	540	3	(D)	(NA)	124
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	1	(D)	1	(D)	–	–
Weeds, grass, or brush in crops and pasture	27	1 274	23	1 223	(NA)	1 429
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	–	–
Insect control on livestock and poultry	23	(X)	18	(X)	9	(X)
Sanitation and rodent and bird control	1	(X)	1	(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	80	83	59	60
$1,000	2 003	1 565	1 868	1 341
Average per farm—dollars	25 038	18 855	31 659	22 350
Farms by value group:				
$1 to $4,999	8	21	3	9
$5,000 to $9,999	20	12	5	9
$10,000 to $19,999	20	15	19	11

	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	11	20	11	18
$30,000 to $49,999	8	11	8	9
$50,000 to $69,999	7	2	7	2
$70,000 to $99,999	3	2	3	2
$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	58	79	35	41	31	38	71	91	49
Motortrucks including pickups	62	82	36	37	36	45	76	96	42
Wheel tractors	73	183	10	16	72	167	80	186	16
Grain and bean combines, self-propelled only	7	8	–	–	7	8	3	3	–
Corn heads for combines	3	3	–	–	3	3	–	–	–
Other cornpickers and picker-shellers	19	19	5	5	14	14	19	20	6
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	40	44	8	8	32	36	37	39	10
Pickup balers	47	49	6	6	42	43	52	52	8
Field forage harvesters, shear bar or flywheel type	21	28	9	10	15	18	31	35	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	31	7	(X)	27	(X)	26	18
Workers	86	(X)	10	(X)	76	76	55
Farms with—							
1 worker	6	4	4	5	5	4	8
2 workers	12	3	6	9	18	10	5
3 or 4 workers	9	–	–	10	36	8	2
5 to 9 workers	4	–	–	3	17	4	2
10 workers or more	–	–	–	–	–	–	1

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	63	(X)	75	(X)	50	(X)	55	(X)
Any cattle, hogs, or sheep	53	(X)	69	(X)	45	(X)	54	(X)
Sales:								
Any livestock or poultry and their products $1,000	58	1 553	71	1 494	48	1 543	57	(D)
Any cattle, hogs, or sheep $1,000	53	(D)	66	(NA)	46	(D)	55	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	50	2 794	65	4 426	42	2 703	53	4 262
Cows and heifers that had calved	45	1 211	59	1 901	39	1 191	49	1 824
Beef cows	17	276	27	764	14	265	20	691
Milk cows	34	935	39	1 137	31	926	36	1 133
Heifers and heifer calves	44	1 020	(NA)	(NA)	39	960	46	1 408
Steers, steer calves, bulls and bull calves	44	563	(NA)	(NA)	38	552	42	1 030
Sales:								
Cattle and calves	49	1 249	62	1 319	43	1 228	54	1 276
$1,000	(X)	446	(X)	(NA)	(X)	441	(X)	336
Calves	34	466	(NA)	(NA)	30	456	30	328
$1,000	(X)	101	(X)	(NA)	(X)	99	(X)	36
Cattle	48	783	(NA)	(NA)	42	772	49	948
$1,000	(X)	345	(X)	(NA)	(X)	342	(X)	300
Fattened cattle	8	207	(NA)	(NA)	7	(D)	11	324
$1,000	(X)	108	(X)	(NA)	(X)	(D)	(X)	125
Dairy products $1,000	29	1 003	(NA)	(NA)	27	(D)	33	1 041
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	12	428	4	(D)	8	350	3	(D)
Used or to be used for breeding	6	68	(NA)	(NA)	3	39	1	(D)
Other hogs and pigs	10	360	(NA)	(NA)	7	311	3	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	7	35	1	(D)	4	28	1	(D)
Dec. 1 of preceding year and May 31	2	(D)	1	(D)	2	(D)	1	(D)
June 1 and Nov. 30	6	(D)	1	(D)	3	(D)	1	(D)
Sheep and lambs	3	(D)	5	355	3	(D)	2	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Goats	1	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	24	181	21	168	17	98	12	104
Sales:								
Hogs and pigs	10	356	2	(D)	7	301	2	(D)
$1,000	(X)	19	(X)	(NA)	(X)	17	(X)	(D)
Feeder pigs	6	213	–	–	4	(D)	–	–
$1,000	(X)	11	(X)	(NA)	(X)	(D)	(X)	–
Sheep and lambs	4	(D)	5	339	4	(D)	2	(D)
Sheep and lambs shorn	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	10	17	7	27	7	13	5	(D)
$1,000	(X)	11	(X)	(NA)	(X)	10	(X)	2
POULTRY								
Inventory:								
Any poultry	21	(X)	19	(X)	14	(X)	16	(X)
Chickens 3 months old or older	19	(D)	19	4 952	14	(D)	16	4 911
Hens and pullets of laying age	18	(D)	19	4 893	14	(D)	16	(D)
Pullets 3 months old or older	3	89	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	4	117	1	(D)	2	(D)	1	(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)	1	(X)
Sales:								
Any poultry	6	(X)	6	(X)	5	(X)	6	(X)
Chickens 3 months old or older	4	(D)	5	(D)	4	(D)	5	(D)
Hens and pullets of laying age	4	(D)	5	(D)	4	(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	3	(D)	–	–	2	(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	10	(D)	10	40	9	(D)	10	40

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	41	1 717	(X)	–	–	35	1 620	(X)	–	–
	1974	37	1 934	(X)	(NA)	(NA)	36	(D)	(X)	–	–
For grain or seed (bushels)	1978	31	730	46 029	–	–	25	(D)	43 458	–	–
	1974	24	882	50 613	(NA)	(NA)	23	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	31	987	9 981	–	–	29	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	1 020	14 337	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(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	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	3	33	1 478	(NA)	(NA)	3	33	1 478	–	–
Oats for grain (bushels)	1978	20	252	7 775	–	–	18	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	26	389	20 268	–	–
Barley for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Rye for grain (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	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)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	65	4 500	8 676	–	–	50	4 099	8 151	–	–
	1974	73	4 734	10 174	(NA)	(NA)	54	4 275	9 487	–	–
Alfalfa hay (tons, dry)	1978	58	3 395	7 395	–	–	45	3 095	6 954	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	50	3 287	7 528	–	–
Other tame dry hay (tons, dry) (see text)	1978	7	227	321	–	–	5	(D)	(D)	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(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	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	3	7	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sweet corn	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Apples (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Peaches (pounds)	1978	–	–	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Strawberries (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	3	5	(X)	1	(D)	3	5	(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	151	41 490	132	35 308	93	30 189	87	28 933
Average size of farm	(X)	275	(X)	267	(X)	325	(X)	333
Approximate land area	(X)	337 280	(X)	337 280	(X)	337 280	(X)	337 280
Proportion in farms — percent	(X)	12.3	(X)	10.5	(X)	9.0	(X)	8.6
Value of land and buildings:[1]								
Average per farm — dollars	129 570	(X)	73 629	(X)	146 772	(X)	87 161	(X)
Average per acre — dollars	(X)	456	(X)	275	(X)	446	(X)	262
Land in farms according to use:								
Total cropland	147	20 474	131	15 717	92	16 073	87	13 050
Harvested cropland	144	11 527	121	9 909	91	9 764	86	8 715
By acres harvested:								
1 to 9 acres	9	58	3	(NA)	2	(D)	–	(NA)
10 to 19 acres	17	223	4	(NA)	4	56	–	(NA)
20 to 29 acres	9	225	9	(NA)	–	–	3	(NA)
30 to 49 acres	25	940	24	(NA)	13	493	10	(NA)
50 to 99 acres	45	3 104	51	(NA)	35	2 455	43	(NA)
100 to 199 acres	30	4 060	23	(NA)	28	(D)	23	(NA)
200 to 499 acres	9	2 917	7	(NA)	9	2 917	7	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	72	4 506	78	4 192	52	3 423	59	3 194
Other cropland	85	4 441	60	1 616	54	2 886	38	1 141
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	28	1 145	(NA)	(NA)	16	917	6	(D)
Cropland on which all crops failed	35	707	(NA)	(NA)	18	401	2	(D)
Cropland in cultivated summer fallow	22	459	(NA)	(NA)	18	377	27	609
Cropland idle	43	2 130	(NA)	(NA)	26	1 191	6	260
Total woodland	111	16 865	104	14 710	68	11 827	67	11 869
Woodland pastured	47	4 794	(NA)	(NA)	30	3 519	46	6 242
Woodland not pastured	96	12 071	(NA)	(NA)	58	8 308	42	5 627
Other land	118	4 151	94	4 881	74	2 289	58	4 014
Pastureland and rangeland, other than cropland and woodland pastured	30	2 955	(NA)	(NA)	20	1 438	11	2 880
Land in house lots, ponds, roads, wasteland, etc	113	1 196	(NA)	(NA)	71	851	56	1 134
Pastureland, all types	95	12 255	(NA)	(NA)	65	8 380	(NA)	12 316
Irrigated land	3	(D)	–	–	2	(D)	–	–
Harvested cropland irrigated	3	(D)	(NA)	(NA)	2	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	23	261	(X)	(X)	21	(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]	151	1 840	132	1 372	93	1 782	87	1 313
Average per farm — dollars	(X)	12 188	(X)	10 394	(X)	19 161	(X)	15 092
Farms by value of agricultural products sold:[1]								
$100,000 or more	1	(D)	1	(NA)	1	(D)	1	(NA)
$40,000 to $99,999	11	(D)	6	(NA)	11	(D)	6	(NA)
$20,000 to $39,999	13	356	10	(NA)	13	356	10	(NA)
$10,000 to $19,999	23	313	22	(NA)	23	313	22	(NA)
$5,000 to $9,999	31	229	27	(NA)	31	229	27	(NA)
$2,500 to $4,999	14	47	21	(NA)	14	47	21	(NA)
Less than $2,500 (see text)	58	58	45	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	8	18	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	5	9	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	17	21	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	28	10	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	98	703	101	546	65	670	(NA)	517
Grains	34	63	(NA)	(NA)	26	57	33	55
Commodity Credit Corporation loans	4	9	(NA)	(NA)	4	9	(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	305	(NA)	(NA)	48	281	62	201
Vegetables, sweet corn, and melons	7	19	(NA)	(NA)	5	(D)	–	–
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	3	(D)	–	–
Nursery and greenhouse products	1	(D)	3	3	–	–	–	–
Other crops	9	310	(NA)	(NA)	8	(D)	11	261
Livestock, poultry, and their products	89	1 138	101	816	69	1 112	77	789
Poultry and poultry products	3	(D)	3	(Z)	1	(D)	1	(D)
Dairy products	21	510	(NA)	(NA)	21	510	30	550
Cattle and calves	84	601	(NA)	(NA)	69	580	73	231
Hogs and pigs	5	24	(NA)	(NA)	3	(D)	3	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other livestock and livestock products (see text)	4	2	(NA)	(NA)	1	(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	151	132	41 490	144	40 128	11 527	3	525	192	(D)
Farms with—										
1 to 9 acres	2	1	(D)	–	–	–	–	–	–	–
10 to 49 acres	13	9	450	13	450	188	–	–	–	–
50 to 69 acres	5	2	307	5	307	107	1	(D)	(D)	(D)
70 to 99 acres	7	7	600	6	516	196	–	–	–	–
100 to 139 acres	12	20	1 359	12	1 359	577	–	–	–	–
140 to 179 acres	23	17	3 630	22	3 474	895	–	–	–	–
180 to 219 acres	24	26	4 871	23	4 671	1 582	1	(D)	(D)	(D)
220 to 259 acres	10	8	2 347	10	2 347	1 095	–	–	–	–
260 to 499 acres	37	32	13 095	36	12 815	3 372	1	(D)	(D)	(D)
500 to 999 acres	16	7	10 133	15	(D)	(D)	–	–	–	–
1,000 to 1,999 acres	1	2	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	151	41 490	132	35 308	93	30 189	87	28 933
Harvested cropland	144	11 527	121	9 909	91	9 764	86	8 715
Tenure of operator:								
Full owners	99	20 778	101	22 414	49	(D)	63	17 124
Harvested cropland	94	(D)	(NA)	5 991	48	(D)	(NA)	5 022
Part owners	49	19 961	31	12 894	43	18 777	24	11 809
Harvested cropland	48	6 291	(NA)	3 918	42	6 142	(NA)	3 693
Tenants	3	751	–	–	1	(D)	–	–
Harvested cropland	2	(D)	(NA)	–	1	(D)	(NA)	–
Type of organization:								
Individual or family	137	36 046	(NA)	(NA)	84	26 543	82	25 930
Partnership	13	(D)	(NA)	(NA)	9	3 646	5	3 003
Corporation	1	(D)	(NA)	(NA)	–	–	–	–
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	68	72	60	64
Other	83	60	33	23
Operators by age group:				
Under 25 years	–	1	–	1
25 to 34 years	22	16	15	8
35 to 44 years	31	25	14	13
45 to 54 years	42	29	30	23
55 to 64 years	27	38	18	27
65 years and over	29	23	16	15
Average age	50.9	51.6	51.0	52.8

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	122	96	81	68
Not on farm operated	15	14	6	8
Not reported	14	22	6	11
Operators reporting days of work off farm:				
None	55	35	41	31
1 to 49 days	8	2	5	2
50 to 99 days	3	8	2	7
100 to 149 days	11	4	6	4
150 to 199 days	12	12	4	4
200 days or more	58	52	31	24

[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	39	61	53	91	28	58	30	73
Feed for livestock and poultry	76	130	79	142	52	117	50	131
Commercially mixed formula feeds	30	53	47	34	22	52	35	33
Animal health costs	58	11	(NA)	(NA)	46	9	43	9
Seeds, bulbs, plants, and trees	99	67	79	45	60	55	63	44
Commercial fertilizer	101	174	81	91	75	164	59	87
Other agricultural chemicals including lime	82	67	45	30	64	65	36	30
Hired farm labor	49	86	27	36	35	70	23	35
Contract labor	7	5	1	(Z)	7	5	1	(Z)
Customwork, machine hire, and rental of machinery and equipment	29	12	38	14	19	8	26	13
Energy and petroleum products	151	208	(NA)	(NA)	93	177	(NA)	(NA)
Petroleum products	149	156	124	100	93	132	83	88
Gasoline	144	90	(NA)	(NA)	92	74	83	65
Diesel fuel	69	41	(NA)	(NA)	54	39	39	13
LP gas, butane, and propane	11	4	(NA)	(NA)	7	3	4	2
Fuel oil	16	8	(NA)	(NA)	10	7	83	8
Natural gas	4	1	(NA)	(NA)	4	1		
Kerosene, motor oil, and grease	149	11	(NA)	(NA)	93	8		
Electricity	111	46	(NA)	(NA)	82	40	(NA)	(NA)
Other—coal, wood, coke, etc.	15	6	(NA)	(NA)	9	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	96	5 561	72	5 166	59	2 571
Cropland fertilized, except pasture	96	5 376	72	4 981	(NA)	2 451
Pasture and rangeland fertilized	8	185	8	185	(NA)	120
Lime	23	472	19	410	7	229
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	46	1 470	35	1 256	(NA)	755
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	14	819	8	665	–	–
Weeds, grass, or brush in crops and pasture	57	2 758	48	2 675	(NA)	1 291
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	8	657	8	657	1	(D)
Insect control on livestock and poultry	39	(X)	33	(X)	9	(X)
Sanitation and rodent and bird control	23	(X)	21	(X)	(NA)	

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	151	120	93	79
$1,000	3 419	2 205	2 887	1 693
Average per farm—dollars	22 640	18 375	31 039	21 430
Farms by value group:				
$1 to $4,999	12	14	4	4
$5,000 to $9,999	49	25	15	17
$10,000 to $19,999	27	41	16	28

	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	23	26	14
$30,000 to $49,999	14	11	10	10
$50,000 to $69,999	17	3	17	3
$70,000 to $99,999	–		–	
$100,000 to $199,999	5	3	5	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	111	145	67	77	53	68	100	133	75
Motortrucks including pickups	109	156	75	82	58	74	99	124	49
Wheel tractors	139	364	36	46	130	318	109	255	41
Grain and bean combines, self-propelled only	25	25	2	(D)	23	(D)	10	10	1
Corn heads for combines	8	8	2	(D)	6	(D)	4	4	1
Other cornpickers and picker-shellers	22	22	2	(D)	20	(D)	21	21	6
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	63	63	22	22	41	41	41	44	15
Pickup balers	95	95	14	14	81	81	74	74	21
Field forage harvesters, shear bar or flywheel type	48	55	7	7	43	48	36	41	7

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	49	13	(X)	42	(X)	35	23
Workers	158	(X)	18	(X)	140	108	94
Farms with—							
1 worker	18	8	8	14	14	12	7
2 workers	6	5	10	5	10	6	4
3 or 4 workers	14	–	–	12	38	8	4
5 to 9 workers	8	–	–	8	46	8	7
10 workers or more	3	–	–	3	32	1	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	91	(X)	100	(X)	65	(X)	76	(X)
Any cattle, hogs, or sheep	80	(X)	98	(X)	62	(X)	76	(X)
Sales:								
Any livestock or poultry and their products, $1,000	89	1 138	101	816	69	1 112	77	789
Any cattle, hogs, or sheep, $1,000	85	(D)	95	(NA)	69	601	77	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	79	3 183	96	4 386	62	2 838	74	3 912
Cows and heifers that had calved	72	1 570	84	2 434	55	1 385	69	2 208
Beef cows	51	954	58	1 586	36	774	43	1 382
Milk cows	30	616	35	848	27	611	31	826
Heifers and heifer calves	65	891	(NA)	(NA)	52	808	51	859
Steers, steer calves, bulls and bull calves	69	722	(NA)	(NA)	54	645	54	845
Sales:								
Cattle and calves	84	1 885	91	1 500	69	1 799	73	1 309
$1,000	(X)	601	(X)	(NA)	(X)	580	(X)	231
Calves	46	492	(NA)	(NA)	40	459	36	473
$1,000	(X)	75	(X)	(NA)	(X)	70	(X)	39
Cattle	75	1 393	(NA)	(NA)	61	1 340	62	836
$1,000	(X)	526	(X)	(NA)	(X)	510	(X)	192
Fattened cattle	10	160	(NA)	(NA)	8	(D)	5	(D)
$1,000	(X)	73	(X)	(NA)	(X)	(D)	(X)	(D)
Dairy products, $1,000	21	510	(NA)	(NA)	21	510	30	550
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	11	197	15	98	7	(D)	12	90
Used or to be used for breeding	4	24	(NA)	(NA)	2	(D)	2	(D)
Other hogs and pigs	11	173	(NA)	(NA)	7	(D)	12	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	4	25	3	33	2	(D)	2	(D)
Dec. 1 of preceding year and May 31	4	(D)	3	(D)	2	(D)	2	(D)
June 1 and Nov. 30	2	(D)	2	(D)	2	(D)	2	(D)
Sheep and lambs	2	(D)	6	56	1	(D)	3	22
Ewes 1 year old or older	2	(D)	(NA)	(NA)	1	(D)	3	12
Goats	2	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	19	100	24	58	10	37	11	39
Sales:								
Hogs and pigs	5	237	3	134	3	(D)	3	134
$1,000	(X)	24	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	–	–	–	–	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep and lambs	2	(D)	3	34	1	(D)	1	(D)
Sheep and lambs shorn	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool, $1,000	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	4	5	–	–	1	(D)	–	–
$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	28	(X)	31	(X)	14	(X)	17	(X)
Chickens 3 months old or older	25	821	30	982	13	345	16	556
Hens and pullets of laying age	25	745	29	862	13	345	16	(D)
Pullets 3 months old or older	4	76	(NA)	(NA)	–	–	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	7	395	2	(D)	5	(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	10	(X)	(NA)	(X)	5	(X)	2	(X)
Sales:								
Any poultry	–	(X)	2	(X)	–	(X)	–	(X)
Chickens 3 months old or older	–	–	2	(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	3	(D)	3	(Z)	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	57	1 904	(X)	–	–	48	1 830	(X)	–	–
	1974	51	1 511	(X)	(NA)	(NA)	44	1 471	(X)	–	–
For grain or seed (bushels)	1978	31	(D)	38 141	–	–	26	722	35 741	–	–
	1974	28	557	32 302	(NA)	(NA)	22	533	31 782	–	–
For silage or green chop (tons, green)	1978	41	1 148	10 862	–	–	37	1 108	10 476	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	938	12 161	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	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)	(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	7	46	998	1	(D)	6	(D)	(D)	–	–
	1974	19	200	8 810	(NA)	(NA)	16	186	8 210	–	–
Oats for grain (bushels)	1978	61	1 603	38 762	–	–	45	1 345	34 586	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	46	1 016	52 922	–	–
Barley for grain (bushels)	1978	5	105	6 471	–	–	5	105	6 471	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	3	14	225	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	23	940	–	–
Other small grains for grain	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	59	(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	11	449	57 875	1	(D)	9	(D)	(D)	1	(D)
	1974	14	371	67 966	(NA)	(NA)	12	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	129	7 637	13 244	–	–	81	6 189	11 786	–	–
	1974	111	6 725	13 910	(NA)	(NA)	80	5 688	12 468	–	–
Alfalfa hay (tons, dry)	1978	125	6 729	11 817	–	–	80	5 563	10 515	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	73	4 588	10 398	–	–
Other tame dry hay (tons, dry) (see text)	1978	8	357	249	–	–	3	97	104	–	–
Field seed crops	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	42	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	36	960	–	–
Red clover seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
All vegetables harvested for sale (see text)	1978	7	46	(X)	–	–	5	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	7	42	(X)	–	–	5	(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	4	6	(X)	–	–	1	(D)	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Apples (pounds)	1978	4	3	(D)	(NA)	(NA)	1	(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	2	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	3	3	(X)	1	(D)	3	3	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
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	1 588	190 645	1 616	174 445	1 222	176 394	1 191	154 791
Average size of farm	(X)	120	(X)	108	(X)	144	(X)	130
Approximate land area	(X)	360 320	(X)	360 320	(X)	360 320	(X)	360 320
Proportion in farms, percent	(X)	52.9	(X)	48.4	(X)	49.0	(X)	43.0
Value of land and buildings:[1]								
Average per farm, dollars	145 623	(X)	80 350	(X)	168 454	(X)	96 343	(X)
Average per acre, dollars	(X)	1 210	(X)	744	(X)	1 173	(X)	741
Land in farms according to use:								
Total cropland	1 540	149 992	1 579	135 195	1 197	140 850	1 162	123 235
Harvested cropland	1 484	119 274	1 529	103 613	1 167	113 870	1 142	97 494
By acres harvested:								
1 to 9 acres	222	952	238	(NA)	118	456	107	(NA)
10 to 19 acres	208	2 876	231	(NA)	100	1 421	94	(NA)
20 to 29 acres	186	4 345	179	(NA)	130	3 063	108	(NA)
30 to 49 acres	232	8 734	259	(NA)	197	7 479	219	(NA)
50 to 99 acres	289	19 998	325	(NA)	275	19 082	318	(NA)
100 to 199 acres	189	26 333	194	(NA)	189	26 333	193	(NA)
200 to 499 acres	140	41 178	90	(NA)	140	41 178	90	(NA)
500 to 999 acres	14	8 749	12	(NA)	14	8 749	12	(NA)
1,000 acres or more	4	6 109	1	(NA)	4	6 109	1	(NA)
Cropland used only for pasture	575	14 581	656	16 937	454	12 672	486	13 573
Other cropland	624	16 137	562	14 645	491	14 308	417	12 168
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	182	4 130	(NA)	(NA)	145	3 805	99	1 947
Cropland on which all crops failed	100	1 371	(NA)	(NA)	80	1 120	78	1 514
Cropland in cultivated summer fallow	127	2 929	(NA)	(NA)	109	2 769	141	2 978
Cropland idle	368	7 707	(NA)	(NA)	285	6 614	211	5 729
Total woodland	608	21 851	559	18 502	486	19 438	418	15 523
Woodland pastured	157	4 805	(NA)	(NA)	127	4 447	158	4 294
Woodland not pastured	507	17 046	(NA)	(NA)	408	14 991	306	11 229
Other land	1 168	18 802	1 279	20 748	887	16 106	950	16 033
Pastureland and rangeland, other than cropland and woodland pastured	170	3 630	(NA)	(NA)	120	3 038	194	4 863
Land in house lots, ponds, roads, wasteland, etc	1 134	15 172	(NA)	(NA)	863	13 068	926	11 170
Pastureland, all types	745	23 016	(NA)	(NA)	576	20 157	(NA)	22 730
Irrigated land	219	7 341	172	4 970	198	7 255	151	4 880
Harvested cropland irrigated	218	(D)	(NA)	(NA)	198	7 135	151	4 854
Pastureland irrigated	2	(D)	(NA)	(NA)	–	–	(NA)	2
Other land irrigated	7	120	(NA)	(NA)	7	120	3	24
Land set aside in the federal farm programs in 1978	211	3 242	(X)	(X)	185	3 050	(X)	(X)

[1] 1978 data are based on a sample of forms; 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]	1 588	88 379	1 616	52 424	1 222	87 918	1 191	51 906
Average per farm, dollars	(X)	55 654	(X)	32 441	(X)	71 946	(X)	43 582
Farms by value of agricultural products sold:[1]								
$100,000 or more	178	61 888	88	(NA)	178	61 888	88	(NA)
$40,000 to $99,999	250	15 990	219	(NA)	250	15 990	219	(NA)
$20,000 to $39,999	182	5 251	211	(NA)	182	5 251	211	(NA)
$10,000 to $19,999	162	2 341	220	(NA)	162	2 341	220	(NA)
$5,000 to $9,999	236	1 677	210	(NA)	236	1 677	210	(NA)
$2,500 to $4,999	214	771	229	(NA)	214	771	229	(NA)
Less than $2,500 (see text)	365	(D)	438	(NA)	(X)	(X)	14	(NA)
$2,000 to $2,499	62	137	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	93	160	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	82	103	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	128	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	1 211	37 137	1 308	21 776	977	36 869	(NA)	21 446
Grains	708	4 125	(NA)	(NA)	594	4 004	642	3 193
Commodity Credit Corporation loans	35	255	(NA)	(NA)	30	254	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	388	1 079	(NA)	(NA)	296	(D)	283	579
Vegetables, sweet corn, and melons	173	6 961	(NA)	(NA)	159	6 949	139	3 554
Fruits, nuts, and berries	238	8 322	(NA)	(NA)	197	8 281	184	5 172
Nursery and greenhouse products	115	16 319	115	8 523	110	16 312	96	8 501
Other crops	19	331	(NA)	(NA)	17	(D)	30	448
Livestock, poultry, and their products	937	51 241	987	30 202	777	51 049	787	30 019
Poultry and poultry products	110	19 648	181	14 409	95	19 645	151	14 399
Dairy products	278	16 585	(NA)	(NA)	275	16 583	314	9 752
Cattle and calves	718	7 394	(NA)	(NA)	605	7 272	648	2 665
Hogs and pigs	265	7 377	(NA)	(NA)	236	7 344	176	3 128
Sheep, lambs, and wool	30	25	(NA)	(NA)	22	20	17	12
Other livestock and livestock products (see text)	77	213	(NA)	(NA)	47	185	31	63

[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	1 588	1 616	190 645	1 484	186 203	119 274	219	28 160	16 571	7 341
Farms with—										
1 to 9 acres	101	92	389	64	277	179	23	93	60	56
10 to 49 acres	529	511	15 078	479	13 807	8 085	87	2 235	1 209	861
50 to 69 acres	181	171	10 688	179	10 574	5 939	22	1 303	762	574
70 to 99 acres	217	273	17 778	211	17 267	10 158	26	2 060	1 269	890
100 to 139 acres	151	192	17 709	149	17 456	10 580	13	1 523	682	448
140 to 179 acres	106	112	16 862	104	16 546	11 081	5	747	374	72
180 to 219 acres	71	83	13 884	71	13 884	9 193	8	1 574	922	298
220 to 259 acres	57	68	13 736	54	13 031	9 089	8	1 844	1 058	640
260 to 499 acres	132	85	47 040	131	46 640	32 398	18	7 144	4 056	926
500 to 999 acres	33	24	20 129	32	19 369	13 335	5	3 136	2 229	677
1,000 to 1,999 acres	8	3	(D)	8	(D)	(D)	3	(D)	(D)	(D)
2,000 acres or more	2	2	(D)	2	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 588	190 645	1 616	174 445	1 222	176 394	1 191	154 791
Harvested cropland	1 484	119 274	1 529	103 613	1 167	113 870	1 142	97 494
Tenure of operator:								
Full owners	1 019	78 997	1 121	83 691	718	67 692	735	65 560
Harvested cropland	926	40 794	(NA)	42 650	669	36 924	(NA)	37 197
Part owners	486	104 236	450	85 247	437	101 776	420	83 995
Harvested cropland	480	72 839	(NA)	58 650	434	71 726	(NA)	58 124
Tenants	83	7 412	45	5 507	67	6 926	36	5 236
Harvested cropland	78	5 641	(NA)	2 313	64	5 220	(NA)	2 173
Type of organization:								
Individual or family	1 385	140 955	(NA)	(NA)	1 029	127 468	1 065	125 257
Partnership	165	34 814	(NA)	(NA)	158	34 429	108	20 610
Corporation	31	14 181	(NA)	(NA)	31	14 181	17	(D)
Other—cooperative, estate or trust, institutional, etc.	7	695	(NA)	(NA)	4	316	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	761	839	708	748
Other	827	758	514	425
Operators by age group:				
Under 25 years	39	40	33	34
25 to 34 years	253	213	188	140
35 to 44 years	374	349	279	246
45 to 54 years	374	395	294	301
55 to 64 years	352	363	289	302
65 years and over	196	237	139	150
Average age	48.1	49.3	48.2	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	1 280	1 223	998	893
Not on farm operated	164	146	121	105
Not reported	144	228	103	175
Operators reporting days of work off farm:				
None	597	503	542	445
1 to 49 days	80	83	67	58
50 to 99 days	31	34	24	30
100 to 149 days	40	33	28	24
150 to 199 days	71	46	55	33
200 days or more	718	671	460	399

[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	721	10 731	656	4 090	564	9 736	483	4 021
Feed for livestock and poultry	1 015	16 178	924	12 714	770	15 918	699	12 610
Commercially mixed formula feeds	534	12 848	675	10 818	431	12 790	533	10 767
Animal health costs	814	682	(NA)	(NA)	669	617	528	245
Seeds, bulbs, plants, and trees	1 147	3 507	1 177	1 479	987	3 486	964	1 458
Commercial fertilizer	1 303	3 043	1 274	2 046	1 072	2 994	992	1 975
Other agricultural chemicals including lime	1 187	1 685	908	910	1 030	1 665	764	899
Hired farm labor	748	9 474	596	4 873	697	9 457	522	4 852
Contract labor	82	1 301	45	120	76	1 289	41	118
Customwork, machine hire, and rental of machinery and equipment	718	755	654	385	635	740	518	363
Energy and petroleum products	1 572	4 009	(NA)	(NA)	1 222	3 932	(NA)	(NA)
Petroleum products	1 572	2 817	1 530	1 666	1 222	2 760	1 139	1 600
Gasoline	1 523	1 389	(NA)	(NA)	1 180	1 342	1 109	914
Diesel fuel	613	581	(NA)	(NA)	585	580	442	257
LP gas, butane, and propane	125	213	(NA)	(NA)	125	213	152	124
Fuel oil	157	231	(NA)	(NA)	151	231		
Natural gas	83	233	(NA)	(NA)	71	232	1 129	305
Kerosene, motor oil, and grease	1 572	169	(NA)	(NA)	1 222	162		
Electricity	1 150	1 172	(NA)	(NA)	937	1 152	(NA)	(NA)
Other—coal, wood, coke, etc.	16	20	(NA)	(NA)	16	20	(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	1 253	95 064	1 030	92 870	992	69 054
Cropland fertilized, except pasture	1 239	93 952	1 016	91 880	(NA)	68 213
Pasture and rangeland fertilized	76	1 112	59	990	(NA)	841
Lime	316	5 427	279	5 210	122	2 912
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	579	29 363	537	28 835	(NA)	19 408
Nematodes in crops	89	4 887	83	4 791	9	366
Diseases in crops and orchards	278	12 080	245	11 874	87	3 280
Weeds, grass, or brush in crops and pasture	832	53 226	719	51 858	(NA)	34 892
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	42	1 361	36	1 337	12	519
Insect control on livestock and poultry	293	(X)	254	(X)	78	(X)
Sanitation and rodent and bird control	235	(X)	219	(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	1 582	1 525	1 227	1 121
$1,000	47 863	28 624	45 413	25 902
Average per farm—dollars	30 254	18 770	37 011	23 106
Farms by value group:				
$1 to $4,999	211	322	115	144
$5,000 to $9,999	406	353	212	210
$10,000 to $19,999	318	357	253	283
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	147	209	147	202
$30,000 to $49,999	182	177	182	177
$50,000 to $69,999	160	63	160	61
$70,000 to $99,999	60	44	60	44
$100,000 to $199,999	78		78	
$200,000 or more	20		20	

	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	1 147	1 690	594	744	690	946	1 202	1 679	843
Motortrucks including pickups	1 277	2 020	565	727	917	1 293	1 266	1 747	678
Wheel tractors	1 483	3 899	336	493	1 423	3 406	1 424	3 273	501
Grain and bean combines, self-propelled only	198	204	34	39	164	165	121	124	30
Corn heads for combines	176	184	44	48	133	136	88	89	25
Other cornpickers and picker-shellers	522	540	37	37	485	503	527	542	63
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	482	512	150	151	334	361	362	370	115
Pickup balers	566	575	131	133	436	442	516	518	94
Field forage harvesters, shear bar or flywheel type	308	353	78	80	242	273	281	311	84

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	748	316	(X)	597	(X)	697	522
Workers	10 277	(X)	1 089	(X)	9 188	10 192	8 219
Farms with—							
1 worker	193	148	148	136	136	167	124
2 workers	124	78	156	92	184	106	67
3 or 4 workers	134	53	171	101	361	127	72
5 to 9 workers	103	26	168	90	588	103	90
10 workers or more	194	11	446	178	7 919	194	169

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	1 008	(X)	1 036	(X)	803	(X)	797	(X)
Any cattle, hogs, or sheep	885	(X)	944	(X)	725	(X)	727	(X)
Sales:								
Any livestock or poultry and their products $1,000	937	51 241	987	30 202	777	51 049	787	30 019
Any cattle, hogs, or sheep $1,000	856	14 795	894	(NA)	721	14 636	726	5 805
CATTLE AND CALVES								
Inventory:								
Cattle and calves	749	38 489	865	34 519	606	37 082	663	32 472
Cows and heifers that had calved	539	17 227	642	15 692	446	16 768	511	14 761
Beef cows	257	3 562	309	3 808	174	3 165	196	2 986
Milk cows	310	13 665	378	11 884	294	13 603	348	11 775
Heifers and heifer calves	549	14 103	(NA)	(NA)	460	13 616	474	10 223
Steers, steer calves, bulls and bull calves	557	7 159	(NA)	(NA)	450	6 698	519	7 488
Sales:								
Cattle and calves	718	22 610	794	12 723	605	22 219	648	12 050
$1,000	(X)	7 394	(X)	(NA)	(X)	7 272	(X)	2 665
Calves	385	6 429	(NA)	(NA)	343	6 296	395	4 986
$1,000	(X)	828	(X)	(NA)	(X)	812	(X)	342
Cattle	635	16 181	(NA)	(NA)	541	15 923	565	7 064
$1,000	(X)	6 565	(X)	(NA)	(X)	6 460	(X)	2 322
Fattened cattle	304	7 076	(NA)	(NA)	245	6 919	223	3 423
$1,000	(X)	3 153	(X)	(NA)	(X)	3 084	(X)	1 185
Dairy products $1,000	278	16 585	(NA)	(NA)	275	16 583	314	9 752
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	268	54 413	216	24 884	231	53 469	175	24 479
Used or to be used for breeding	170	6 777	(NA)	(NA)	148	6 535	120	3 748
Other hogs and pigs	244	47 636	(NA)	(NA)	212	46 934	162	20 731
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	177	9 741	155	5 579	154	9 580	132	5 502
Dec. 1 of preceding year and May 31	142	4 679	128	2 905	130	4 622	114	2 874
June 1 and Nov. 30	160	5 062	140	2 674	139	4 958	119	2 628
Sheep and lambs	28	663	26	728	22	545	17	675
Ewes 1 year old or older	24	475	(NA)	(NA)	19	407	15	444
Goats	17	129	(NA)	(NA)	7	59	10	27
Horses and ponies	216	994	184	534	134	526	105	310
Sales:								
Hogs and pigs	265	89 297	217	49 269	236	88 330	176	48 652
$1,000	(X)	7 377	(X)	(NA)	(X)	7 344	(X)	3 128
Feeder pigs	96	26 951	88	15 184	81	26 187	69	14 726
$1,000	(X)	1 304	(X)	(NA)	(X)	1 287	(X)	335
Sheep and lambs	29	435	21	489	21	356	16	464
Sheep and lambs shorn	23	503	(NA)	(NA)	18	395	14	544
Pounds of wool	(X)	3 339	(X)	(NA)	(X)	2 713	(X)	3 850
Sheep, lambs, and wool $1,000	30	25	(NA)	(NA)	22	20	17	12
Goats	10	49	(NA)	(NA)	6	31	4	19
$1,000	(X)	1	(X)	(NA)	(X)	1	(X)	(Z)
Horses and ponies	50	161	24	80	27	88	14	53
$1,000	(X)	176	(X)	(NA)	(X)	154	(X)	45
POULTRY								
Inventory:								
Any poultry	157	(X)	233	(X)	121	(X)	179	(X)
Chickens 3 months old or older	127	886 033	199	850 454	94	884 850	147	847 559
Hens and pullets of laying age	123	729 876	182	653 675	91	728 796	133	650 995
Pullets 3 months old or older	14	156 157	(NA)	(NA)	11	156 054	13	189 798
Pullet chicks and pullets under 3 months old	4	98 100	(NA)	(NA)	4	98 100	7	113 605
Broilers and other meat-type chickens	26	62 173	32	57 268	22	62 003	26	56 897
Turkeys	11	384 620	(NA)	(NA)	10	(D)	9	210 708
Turkeys for slaughter	9	(D)	(NA)	(NA)	8	(D)	6	191 802
Turkey hens kept for breeding	4	(D)	(NA)	(NA)	4	(D)	5	18 906
Other poultry	32	(X)	(NA)	(X)	19	(X)	20	(X)
Sales:								
Any poultry	100	(X)	148	(X)	89	(X)	134	(X)
Chickens 3 months old or older	62	911 834	111	971 290	59	911 593	99	970 145
Hens and pullets of laying age	58	652 734	91	513 305	55	652 493	79	512 160
Pullets 3 months old or older	6	259 100	(NA)	(NA)	6	259 100	16	446 789
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	21	221 380	27	217 444	17	221 110	22	216 839
Turkeys	8	857 102	(NA)	(NA)	8	857 102	12	897 270
Turkeys for slaughter	7	(D)	(NA)	(NA)	7	(D)	10	875 770
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	4	21 500
Other poultry	13	(X)	(NA)	(X)	9	(X)	9	(X)
Poultry and poultry products $1,000	110	19 648	181	14 409	95	19 645	151	14 399

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	926	59 469	(X)	23	1 115	776	57 696	(X)	19	1 089
	1974	1 004	49 510	(X)	(NA)	(NA)	795	47 293	(X)	9	(D)
For grain or seed (bushels)	1978	895	48 859	3 984 303	22	805	758	47 351	3 898 204	18	779
	1974	927	35 315	1 835 506	(NA)	(NA)	739	33 492	1 754 065	8	(D)
For silage or green chop (tons, green)	1978	345	10 610	130 543	6	310	325	10 345	128 734	6	310
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	413	13 576	118 452	3	114
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	18	225	(X)	1	(D)
Sorghums for all purposes	1978	34	253	(X)	–	–	33	(D)	(X)	–	–
	1974	36	328	(X)	(NA)	(NA)	36	328	(X)	1	(D)
For grain or seed (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	6	51	1 595	(NA)	(NA)	6	51	1 595	–	–
For silage or green chop (tons, green)	1978	32	234	2 801	–	–	32	234	2 801	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	31	259	1 757	1	(D)
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	18	17	–	–
Hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	246	3 456	104 588	1	(D)	217	3 206	97 376	1	(D)
	1974	535	9 489	292 385	(NA)	(NA)	444	8 706	271 117	–	–
Oats for grain (bushels)	1978	387	6 064	311 493	–	–	339	5 719	297 977	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	264	3 320	156 298	1	(D)
Barley for grain (bushels)	1978	12	287	12 225	–	–	12	287	12 225	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	359	14 252	–	–
Rye for grain (bushels)	1978	27	484	9 365	–	–	23	459	8 880	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	38	376	9 288	–	–
Other small grains for grain	1978	16	177	(X)	2	(D)	15	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	45	409	(X)	–	–
Soybeans for beans (bushels)	1978	18	759	19 622	1	(D)	17	(D)	(D)	1	(D)
	1974	8	60	1 315	(NA)	(NA)	7	(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	15	461	116 239	10	280	15	461	116 239	10	280
	1974	34	451	88 238	(NA)	(NA)	29	448	87 653	12	259
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	897	35 094	91 894	8	233	709	32 307	87 826	7	(D)
	1974	842	26 657	57 764	(NA)	(NA)	657	24 176	53 916	3	74
Alfalfa hay (tons, dry)	1978	648	21 816	66 532	7	126	532	20 089	63 958	6	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	399	12 283	29 958	2	(D)
Other tame dry hay (tons, dry) (see text)	1978	336	7 745	14 634	1	(D)	265	6 901	13 377	1	(D)
Field seed crops	1978	12	139	(X)	–	–	11	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	272	(X)	1	(D)
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	12	131	10 030	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	18	210	15 547	–	–
All vegetables harvested for sale (see text)	1978	173	4 052	(X)	81	1 678	159	4 005	(X)	79	(D)
	1974	174	3 084	(X)	(NA)	(NA)	141	2 998	(X)	71	1 381
Sweet corn	1978	60	533	(X)	12	99	54	506	(X)	11	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	42	490	(X)	9	155
Tomatoes	1978	37	95	(X)	15	29	34	94	(X)	15	29
	1974	(NA)	(NA)	(X)	(NA)	(NA)	33	100	(X)	14	40
Green peas excluding cowpeas	1978	5	2	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	4	(X)	3	1
Land in orchards	1978	103	4 571	(X)	13	184	78	4 435	(X)	9	171
	1974	98	4 300	(X)	(NA)	(NA)	85	4 236	(X)	5	59
Apples (pounds)	1978	92	3 457	40 707 354	(NA)	(NA)	73	3 375	40 543 292	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3 173	31 772 442	(NA)	(NA)
Peaches (pounds)	1978	34	267	953 461	(NA)	(NA)	27	255	944 141	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	176	847 450	(NA)	(NA)
Grapes (pounds) (see text)	1978	7	14	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	4	(D)	(NA)	(NA)
Berries	1978	173	3 033	(X)	73	1 321	134	2 970	(X)	63	1 314
	1974	162	2 669	(X)	(NA)	(NA)	115	2 560	(X)	37	507
Strawberries (pounds)	1978	42	76	257 291	23	61	30	71	243 750	17	57
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	75	347 486	10	19
Nursery and greenhouse products	1978	115	3 731	(X)	61	2 243	110	3 718	(X)	58	2 236
Other crops	1978	9	116	(X)	(NA)	(NA)	7	(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	347	89 310	388	86 633	249	75 937	237	66 234
Average size of farm	(X)	257	(X)	223	(X)	305	(X)	279
Approximate land area	(X)	414 720	(X)	414 720	(X)	414 720	(X)	414 720
Proportion in farms, percent	(X)	21.5	(X)	20.9	(X)	18.3	(X)	16.0
Value of land and buildings:[1]								
Average per farm, dollars	107 553	(X)	59 961	(X)	126 631	(X)	77 928	(X)
Average per acre, dollars	(X)	378	(X)	269	(X)	391	(X)	279
Land in farms according to use:								
Total cropland	341	51 411	384	48 501	245	45 589	235	38 536
Harvested cropland	332	32 989	357	28 894	242	30 072	232	25 090
By acres harvested:								
1 to 9 acres	7	41	10	(NA)	2	(D)	2	(NA)
10 to 19 acres	15	212	19	(NA)	2	(D)	7	(NA)
20 to 29 acres	38	873	62	(NA)	12	273	12	(NA)
30 to 49 acres	76	2 975	75	(NA)	41	1 610	38	(NA)
50 to 99 acres	97	6 626	109	(NA)	87	6 019	91	(NA)
100 to 199 acres	56	(D)	59	(NA)	55	(D)	59	(NA)
200 to 499 acres	38	10 784	20	(NA)	38	10 784	20	(NA)
500 to 999 acres	4	2 757	3	(NA)	4	2 757	3	(NA)
1,000 acres or more	1	(D)	–	(NA)	1	(D)	–	(NA)
Cropland used only for pasture	224	13 124	288	16 025	169	11 175	168	10 916
Other cropland	125	5 298	119	3 582	92	4 342	80	2 530
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	29	1 349	(NA)	(NA)	27	(D)	17	612
Cropland on which all crops failed	33	880	(NA)	(NA)	26	(D)	11	199
Cropland in cultivated summer fallow	60	1 026	(NA)	(NA)	44	830	50	1 021
Cropland idle	47	2 043	(NA)	(NA)	29	1 531	31	698
Total woodland	278	28 776	297	29 492	197	22 438	186	22 020
Woodland pastured	143	10 495	(NA)	(NA)	113	8 755	115	10 034
Woodland not pastured	212	18 281	(NA)	(NA)	145	13 683	133	11 986
Other land	239	9 123	265	8 640	181	7 910	162	5 678
Pastureland and rangeland, other than cropland and woodland pastured	73	5 520	(NA)	(NA)	60	5 067	37	2 758
Land in house lots, ponds, roads, wasteland, etc	214	3 603	(NA)	(NA)	160	2 843	150	2 920
Pastureland, all types	272	29 139	(NA)	(NA)	206	24 997	(NA)	23 708
Irrigated land	6	162	4	80	6	162	3	(D)
Harvested cropland irrigated	6	162	(NA)	(NA)	6	162	3	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	16	302	(X)	(X)	16	302	(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]	347	6 142	388	5 341	249	6 034	237	5 160
Average per farm, dollars	(X)	17 701	(X)	13 765	(X)	24 232	(X)	21 772
Farms by value of agricultural products sold:[1]								
$100,000 or more	11	1 900	10	(NA)	11	1 900	10	(NA)
$40,000 to $99,999	32	1 949	27	(NA)	32	1 949	27	(NA)
$20,000 to $39,999	35	951	26	(NA)	35	951	26	(NA)
$10,000 to $19,999	40	543	48	(NA)	40	543	48	(NA)
$5,000 to $9,999	62	438	62	(NA)	62	438	62	(NA)
$2,500 to $4,999	69	253	57	(NA)	69	253	57	(NA)
Less than $2,500 (see text)	98	109	158	(NA)	(X)	(X)	7	(NA)
$2,000 to $2,499	11	25	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	21	36	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	24	30	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	42	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	219	2 449	263	(D)	164	2 390	(NA)	(D)
Grains	120	817	(NA)	(NA)	99	798	104	585
Commodity Credit Corporation loans	3	(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	116	320	(NA)	(NA)	77	283	109	343
Vegetables, sweet corn, and melons	6	2	(NA)	(NA)	3	(D)	–	–
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	3	(D)	7	34
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	39	1 234	(NA)	(NA)	38	(D)	40	1 531
Livestock, poultry, and their products	246	3 693	313	2 624	202	3 644	207	(D)
Poultry and poultry products	27	(D)	43	40	24	10	27	39
Dairy products	64	2 096	(NA)	(NA)	63	(D)	83	1 653
Cattle and calves	237	1 488	(NA)	(NA)	196	1 442	201	788
Hogs and pigs	26	77	(NA)	(NA)	23	75	21	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other livestock and livestock products (see text)	6	21	(NA)	(NA)	6	21	6	24

[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	347	388	89 310	332	87 224	32 989	6	4 223	1 285	162
Farms with—										
1 to 9 acres	2	4	(D)	1	(D)	(D)	–	–	–	–
10 to 49 acres	17	25	(D)	17	(D)	(D)	–	–	–	–
50 to 69 acres	11	14	663	7	439	271	–	–	–	–
70 to 99 acres	29	35	2 310	28	2 237	911	–	–	–	–
100 to 139 acres	50	59	5 879	47	5 536	1 769	–	–	–	–
140 to 179 acres	47	63	7 492	45	7 151	2 511	–	–	–	–
180 to 219 acres	30	48	5 911	30	5 911	1 842	–	–	–	–
220 to 259 acres	25	33	5 956	23	5 490	1 854	–	–	–	–
260 to 499 acres	105	83	35 972	103	35 334	12 521	4	(D)	(D)	(D)
500 to 999 acres	26	20	18 097	26	18 097	7 526	1	(D)	(D)	(D)
1,000 to 1,999 acres	4	3	4 420	4	4 420	2 958	–	–	–	–
2,000 acres or more	1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	347	89 310	388	86 633	249	75 937	237	66 234
Harvested cropland	332	32 989	357	28 894	242	30 072	232	25 090
Tenure of operator:								
Full owners	228	44 131	290	51 834	143	(D)	149	32 928
Harvested cropland	213	11 773	(NA)	14 999	136	(D)	(NA)	11 456
Part owners	102	42 303	89	33 710	91	40 963	81	(D)
Harvested cropland	102	19 644	(NA)	13 183	91	19 251	(NA)	12 950
Tenants	17	2 876	9	1 089	15	(D)	7	(D)
Harvested cropland	17	1 572	(NA)	712	15	(D)	(NA)	684
Type of organization:								
Individual or family	314	73 820	(NA)	(NA)	217	60 611	222	57 210
Partnership	32	(D)	(NA)	(NA)	31	(D)	14	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	1	(D)
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	172	246	147	167
Other	175	141	102	69
Operators by age group:				
Under 25 years	8	10	7	2
25 to 34 years	42	54	34	32
35 to 44 years	64	41	45	26
45 to 54 years	79	55	63	42
55 to 64 years	95	146	73	102
65 years and over	59	81	27	32
Average age	51.0	53.3	49.6	52.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	279	279	207	186
Not on farm operated	28	34	16	9
Not reported	40	74	26	41
Operators reporting days of work off farm:				
None	146	133	118	85
1 to 49 days	13	13	8	10
50 to 99 days	20	10	13	7
100 to 149 days	4	21	4	11
150 to 199 days	15	22	12	9
200 days or more	138	120	87	68

[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	485	171	271	144	474	101	251
Feed for livestock and poultry	212	750	256	430	177	732	157	394
Commercially mixed formula feeds	66	437	166	171	61	437	107	155
Animal health costs	188	39	(NA)	(NA)	163	37	109	19
Seeds, bulbs, plants, and trees	225	324	215	220	167	315	150	213
Commercial fertilizer	299	724	286	507	240	690	194	487
Other agricultural chemicals including lime	222	238	151	175	173	218	127	173
Hired farm labor	191	565	149	369	152	556	113	359
Contract labor	21	32	9	7	16	31	6	7
Customwork, machine hire, and rental of machinery and equipment	141	85	133	39	105	78	91	33
Energy and petroleum products	349	636	(NA)	(NA)	272	586	(NA)	(NA)
Petroleum products	349	462	380	392	272	433	231	347
Gasoline	326	234	(NA)	(NA)	249	213	225	216
Diesel fuel	197	173	(NA)	(NA)	178	171	111	92
LP gas, butane, and propane	27	(D)	(NA)	(NA)	27	9	27	6
Fuel oil	46	9	(NA)	(NA)	36	(D)		
Natural gas	2	(D)	(NA)	(NA)	2	(D)	231	33
Kerosene, motor oil, and grease	349	36	(NA)	(NA)	272	33		
Electricity	298	153	(NA)	(NA)	238	137	(NA)	(NA)
Other—coal, wood, coke, etc.	75	20	(NA)	(NA)	60	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	294	26 918	240	25 415	194	12 819
Cropland fertilized, except pasture	294	25 591	240	24 198	(NA)	11 993
Pasture and rangeland fertilized	62	1 327	52	1 217	(NA)	826
Lime	25	686	9	285	2	(D)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	135	10 926	105	10 577	(NA)	4 572
Nematodes in crops	13	2 005	13	2 005	2	(D)
Diseases in crops and orchards	40	2 041	25	1 941	11	1 112
Weeds, grass, or brush in crops and pasture	170	14 876	136	13 626	(NA)	4 952
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	28	709	18	619	6	267
Insect control on livestock and poultry	110	(X)	89	(X)	19	(X)
Sanitation and rodent and bird control	49	(X)	29	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT				
Estimated market value of all machinery and equipment—farms	349	375	272	227
$1,000	11 408	7 031	10 627	5 650
Average per farm—dollars	32 689	18 749	39 070	24 890
Farms by value group:				
$1 to $4,999	13	69	13	29
$5,000 to $9,999	93	104	45	37
$10,000 to $19,999	107	83	87	53
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	33	49	24	43
$30,000 to $49,999	19	43	19	38
$50,000 to $69,999	28	10	28	10
$70,000 to $99,999	23	17	23	17
$100,000 to $199,999	31		31	
$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	277	409	179	226	138	183	323	404	210
Motortrucks including pickups	293	433	169	181	187	252	288	397	140
Wheel tractors	343	889	84	118	337	771	351	785	120
Grain and bean combines, self-propelled only	95	105	19	19	76	86	79	84	11
Corn heads for combines	1	(D)	–	–	1	(D)	5	5	1
Other cornpickers and picker-shellers	29	29	6	6	23	23	14	15	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	217	237	80	80	143	157	160	162	65
Pickup balers	210	212	42	43	168	169	251	256	45
Field forage harvesters, shear bar or flywheel type	73	115	19	24	60	91	62	76	26

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	51	(X)	173	(X)	152	113
Workers	858	(X)	96	(X)	762	713	608
Farms with—							
1 worker	32	26	26	31	31	23	37
2 workers	32	12	24	19	38	28	22
3 or 4 workers	62	10	30	61	184	41	20
5 to 9 workers	43	3	16	47	310	43	18
10 workers or more	22	–	–	15	199	17	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	267	(X)	324	(X)	203	(X)	206	(X)
Any cattle, hogs, or sheep	247	(X)	306	(X)	192	(X)	195	(X)
Sales:								
Any livestock or poultry and their products ... $1,000	246	3 693	313	2 624	202	3 644	207	(D)
Any cattle, hogs, or sheep ... $1,000	240	(D)	301	(NA)	197	(D)	201	805
CATTLE AND CALVES								
Inventory:								
Cattle and calves	243	10 713	306	13 379	190	9 795	195	11 067
Cows and heifers that had calved	210	5 192	277	6 482	168	4 577	183	5 366
Beef cows	153	2 962	197	4 016	114	2 365	118	2 989
Milk cows	76	2 230	101	2 466	72	2 212	84	2 377
Heifers and heifer calves	192	3 123	(NA)	(NA)	156	3 000	152	2 355
Steers, steer calves, bulls and bull calves	209	2 398	(NA)	(NA)	160	2 218	171	3 346
Sales:								
Cattle and calves	237	4 747	299	4 287	196	4 576	201	3 734
$1,000	(X)	1 488	(X)	(NA)	(X)	1 442	(X)	788
Calves	150	1 783	(NA)	(NA)	125	1 690	109	1 395
$1,000	(X)	354	(X)	(NA)	(X)	331	(X)	142
Cattle	195	2 964	(NA)	(NA)	171	2 886	167	2 339
$1,000	(X)	1 135	(X)	(NA)	(X)	1 111	(X)	646
Fattened cattle	54	931	(NA)	(NA)	45	905	53	672
$1,000	(X)	418	(X)	(NA)	(X)	411	(X)	224
Dairy products ... $1,000	64	2 096	(NA)	(NA)	63	(D)	83	1 653
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	34	936	39	441	28	911	26	376
Used or to be used for breeding	19	96	(NA)	(NA)	16	90	13	44
Other hogs and pigs	33	840	(NA)	(NA)	28	821	26	332
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	19	108	25	64	16	105	20	58
Dec. 1 of preceding year and May 31	15	60	13	25	14	(D)	13	25
June 1 and Nov. 30	14	48	19	39	12	(D)	14	33
Sheep and lambs	2	(D)	6	259	1	(D)	1	(D)
Ewes 1 year old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	27	85	43	280	18	58	23	220
Sales:								
Hogs and pigs	26	892	26	218	23	870	21	(D)
$1,000	(X)	77	(X)	(NA)	(X)	75	(X)	(D)
Feeder pigs	12	350	9	86	11	(D)	8	(D)
$1,000	(X)	13	(X)	(NA)	(X)	(D)	(X)	2
Sheep and lambs	1	(D)	6	298	–	–	1	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool ... $1,000	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	2	(D)	7	52	2	(D)	4	49
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	87	(X)	121	(X)	60	(X)	74	(X)
Chickens 3 months old or older	80	3 440	115	8 722	55	2 785	71	7 015
Hens and pullets of laying age	80	3 298	109	7 919	55	2 685	70	6 724
Pullets 3 months old or older	6	142	(NA)	(NA)	3	100	3	72
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	3	380
Broilers and other meat-type chickens	20	979	13	890	13	646	3	100
Turkeys	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	2	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	7	(X)	(NA)	(X)	6	(X)	4	(X)
Sales:								
Any poultry	12	(X)	17	(X)	10	(X)	12	(X)
Chickens 3 months old or older	5	290	15	425	4	(D)	10	330
Hens and pullets of laying age	5	290	13	320	4	(D)	8	225
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	90	–	–	3	90	–	–
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	27	(D)	43	40	24	10	27	39

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	118	4 294	(X)	–	–	104	4 150	(X)	–	–
	1974	91	2 705	(X)	(NA)	(NA)	84	2 656	(X)	–	–
For grain or seed (bushels)	1978	56	(D)	104 851	–	–	47	(D)	98 875	–	–
	1974	24	506	35 909	(NA)	(NA)	22	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	90	2 752	27 900	–	–	83	2 722	27 625	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	79	2 152	27 575	–	–
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Sorghums for all purposes	1978	11	79	(X)	–	–	11	79	(X)	–	–
	1974	5	79	(X)	(NA)	(NA)	2	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	11	79	440	–	–	11	79	440	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(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	39	619	15 578	–	–	33	571	14 718	–	–
	1974	63	622	19 469	(NA)	(NA)	38	448	14 267	–	–
Oats for grain (bushels)	1978	231	6 159	251 568	–	–	185	5 601	233 136	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	179	5 178	301 985	–	–
Barley for grain (bushels)	1978	17	189	6 600	–	–	16	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	77	3 580	–	–
Rye for grain (bushels)	1978	9	202	5 640	–	–	9	202	5 640	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	38	1 245	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	38	(X)	–	–
Soybeans for beans (bushels)	1978	3	(D)	(D)	–	–	3	(D)	(D)	–	–
	1974	4	94	1 705	(NA)	(NA)	2	(D)	(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	44	2 036	359 942	5	161	41	2 034	359 629	5	161
	1974	45	2 045	385 285	(NA)	(NA)	41	2 043	385 015	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	–	–	–
Hay crops (tons, dry) (see text)	1978	296	17 012	30 065	–	–	215	14 823	27 429	–	–
	1974	320	15 428	30 023	(NA)	(NA)	208	12 570	25 544	–	–
Alfalfa hay (tons, dry)	1978	268	13 022	24 940	–	–	197	11 221	22 702	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	148	8 306	17 827	–	–
Other tame dry hay (tons, dry) (see text)	1978	43	1 430	1 798	–	–	33	1 176	1 490	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	83	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	18	980	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	65	2 430	–	–
All vegetables harvested for sale (see text)	1978	6	6	(X)	1	(D)	3	1	(X)	1	(D)
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
Sweet corn	1978	6	5	(X)	1	(D)	3	1	(X)	1	(D)
	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	9	22	(X)	–	–	8	(D)	(X)	–	–
	1974	13	53	(X)	(NA)	(NA)	7	39	(X)	–	–
Apples (pounds)	1978	9	21	3 120	(NA)	(NA)	8	(D)	3 120	(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)
na.	1974	(NA)					–	–	–	(NA)	(NA)
Berries	1978	3	3	(X)	–	–	3	3	(X)	–	–
	1974	3	4	(X)	(NA)	(NA)	3	4	(X)	–	–
Strawberries (pounds)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Nursery and greenhouse products	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
Other crops	1978	40	2 982	(X)	(NA)	(NA)	39	(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	31	6 456	23	6 537	16	4 923	10	4 522
Average size of farm	(X)	208	(X)	284	(X)	308	(X)	452
Approximate land area	(X)	333 440	(X)	333 440	(X)	333 440	(X)	333 440
Proportion in farms — percent	(X)	1.9	(X)	2.0	(X)	1.5	(X)	1.4
Value of land and buildings:[1]								
Average per farm — dollars	103 625	(X)	86 783	(X)	132 994	(X)	104 700	(X)
Average per acre — dollars	(X)	498	(X)	305	(X)	432	(X)	232
Land in farms according to use:								
Total cropland	30	4 661	23	2 344	16	3 775	10	1 581
Harvested cropland	28	1 961	20	1 163	15	1 548	8	663
By acres harvested:								
1 to 9 acres	3	16	1	(NA)	1	(D)	1	(NA)
10 to 19 acres	4	47	–	(NA)	1	(D)	–	(NA)
20 to 29 acres	5	116	1	(NA)	2	(D)	1	(NA)
30 to 49 acres	5	190	10	(NA)	2	(D)	–	(NA)
50 to 99 acres	5	356	6	(NA)	4	(D)	4	(NA)
100 to 199 acres	3	435	1	(NA)	2	(D)	1	(NA)
200 to 499 acres	3	801	1	(NA)	3	801	1	(NA)
500 to 999 acres	–	–	–	(NA)	–	–	–	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	18	2 344	13	1 151	11	2 028	7	(D)
Other cropland	10	356	3	30	5	199	2	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Cropland on which all crops failed	1	(D)	(NA)	(NA)	1	(D)	–	–
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	1	(D)	–	–
Cropland idle	6	152	(NA)	(NA)	4	(D)	–	–
Total woodland	18	1 295	15	3 740	9	905	5	2 780
Woodland pastured	5	322	(NA)	(NA)	3	(D)	3	1 625
Woodland not pastured	15	973	(NA)	(NA)	8	(D)	3	1 155
Other land	16	500	18	453	8	243	8	161
Pastureland and rangeland, other than cropland and woodland pastured	6	177	(NA)	(NA)	2	(D)	1	(D)
Land in house lots, ponds, roads, wasteland, etc	12	323	(NA)	(NA)	7	(D)	7	(D)
Pastureland, all types	24	2 843	(NA)	(NA)	12	2 314	(NA)	2 599
Irrigated land	2	(D)	–	–	1	(D)	–	–
Harvested cropland irrigated	2	(D)	(NA)	(NA)	1	(D)	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	1	(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]	31	177	23	103	16	165	10	87
Average per farm — dollars	(X)	5 700	(X)	4 478	(X)	10 335	(X)	8 700
Farms by value of agricultural products sold:[1]								
$100,000 or more	–	–	–	(NA)	–	–	–	(NA)
$40,000 to $99,999	1	(D)	–	(NA)	1	(D)	–	(NA)
$20,000 to $39,999	1	(D)	1	(NA)	1	(D)	1	(NA)
$10,000 to $19,999	3	(D)	2	(NA)	3	(D)	2	(NA)
$5,000 to $9,999	4	23	3	(NA)	4	23	3	(NA)
$2,500 to $4,999	7	21	4	(NA)	7	21	4	(NA)
Less than $2,500 (see text)	15	11	13	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	1	(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	3	3	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	9	2	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	13	111	17	(D)	8	106	(NA)	(D)
Grains	2	(D)	(NA)	(NA)	2	(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	10	21	(NA)	(NA)	5	16	5	19
Vegetables, sweet corn, and melons	–	–	(NA)	(NA)	–	–	2	(D)
Fruits, nuts, and berries	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	–	–	(NA)	(NA)	–	–	–	–
Livestock, poultry, and their products	20	66	15	36	12	60	6	(D)
Poultry and poultry products	2	(D)	1	(D)	2	(D)	1	(D)
Dairy products	–	–	(NA)	(NA)	–	–	–	–
Cattle and calves	16	43	(NA)	(NA)	10	38	5	14
Hogs and pigs	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	–	–
Other livestock and livestock products (see text)	6	13	(NA)	(NA)	4	(D)	1	(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	31	23	6 456	28	6 267	1 961	2	(D)	(D)	(D)
Farms with—										
1 to 9 acres	–	–	–	–	–	–	–	–	–	–
10 to 49 acres	4	2	125	3	114	27	–	–	–	–
50 to 69 acres	8	2	463	7	403	154	1	(D)	(D)	(D)
70 to 99 acres	2	3	(D)	2	(D)	(D)	–	–	–	–
100 to 139 acres	2	2	(D)	1	(D)	(D)	–	–	–	–
140 to 179 acres	3	4	455	3	455	166	1	(D)	(D)	(D)
180 to 219 acres	1	4	(D)	1	(D)	(D)	–	–	–	–
220 to 259 acres	3	3	721	3	721	130	–	–	–	–
260 to 499 acres	5	–	1 541	5	1 541	956	–	–	–	–
500 to 999 acres	3	1	2 540	3	2 540	362	–	–	–	–
1,000 to 1,999 acres	–	2	–	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	31	6 456	23	6 537	16	4 923	10	4 522
Harvested cropland	28	1 961	20	1 163	15	1 548	8	663
Tenure of operator:								
Full owners	20	3 220	16	3 783	9	2 130	4	(D)
Harvested cropland	17	845	(NA)	561	8	638	(NA)	96
Part owners	11	3 236	4	2 529	7	2 793	4	2 529
Harvested cropland	11	1 116	(NA)	449	7	910	(NA)	449
Tenants	–	–	3	225	–	–	2	(D)
Harvested cropland	–	–	(NA)	153	–	–	(NA)	118
Type of organization:								
Individual or family	30	(D)	(NA)	(NA)	15	(D)	10	4 522
Partnership	1	(D)	(NA)	(NA)	1	(D)	–	–
Corporation	–	–	(NA)	(NA)	–	–	–	–
Other—cooperative, estate or trust, institutional, etc.	–	–	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more			All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974		1978	[1]1974	1978	[1]1974
Operators by principal occupation:					Operators by place of residence:				
Farming	9	8	7	5	On farm operated	23	17	13	7
Other	22	15	9	5	Not on farm operated	4	5	2	3
Operators by age group:					Not reported	4	1	1	–
Under 25 years	–	–	–	–	Operators reporting days of work off farm:				
25 to 34 years	2	2	–	–	None	8	2	5	2
35 to 44 years	4	3	1	2	1 to 49 days	1	–	–	–
45 to 54 years	13	9	7	4	50 to 99 days	1	4	1	3
55 to 64 years	6	1	3	1	100 to 149 days	1	4	1	2
65 years and over	6	8	5	3	150 to 199 days	1	2	1	1
Average age	52.3	53.7	56.6	54.5	200 days or more	19	9	8	2

[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	7	6	10	26	3	1	3	21
Feed for livestock and poultry	18	37	15	24	12	29	5	22
Commercially mixed formula feeds	3	14	8	14	2	(D)	4	14
Animal health costs	13	1	(NA)	(NA)	7	1	3	1
Seeds, bulbs, plants, and trees	10	15	9	10	8	(D)	5	10
Commercial fertilizer	12	10	8	2	7	10	5	2
Other agricultural chemicals including lime	5	1	1	(D)	3	(D)	1	(D)
Hired farm labor	10	35	8	19	6	34	4	18
Contract labor	1	(D)	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment	3	4	3	3	2	(D)	1	(D)
Energy and petroleum products	30	30	(NA)	(NA)	16	24	(NA)	(NA)
Petroleum products	30	21	23	11	16	17	10	8
Gasoline	30	16	(NA)	(NA)	16	12	10	7
Diesel fuel	7	3	(NA)	(NA)	6	(D)	3	(Z)
LP gas, butane, and propane	–	–	(NA)	(NA)	–	–	–	–
Fuel oil	2	(D)	(NA)	(NA)	2	(D)	10	1
Natural gas	1	(D)	(NA)	(NA)	1	(D)		
Kerosene, motor oil, and grease	30	2	(NA)	(NA)	16	1		
Electricity	25	(D)	(NA)	(NA)	16	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	2	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	11	473	7	442	5	127
Cropland fertilized, except pasture	10	(D)	7	(D)	(NA)	127
Pasture and rangeland fertilized	2	(D)	1	(D)	(NA)	–
Lime	1	(D)	–	–	–	–
Sprays, dusts, granules, fumigants, etc. to control -						
Insects on hay and other crops	–	–	–	–	(NA)	–
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	3	82	2	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	1	(D)	1	(D)	(NA)	–
Chemicals for -						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	–	–
Insect control on livestock and poultry	1	(X)	1	(X)	–	(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	31	23	16	10
$1,000	561	194	428	107
Average per farm—dollars	18 105	8 435	26 750	10 700
Farms by value group:				
$1 to $4,999	4	6	–	1
$5,000 to $9,999	10	9	2	3
$10,000 to $19,999	7	6	5	5

	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	3	2	3	1
$30,000 to $49,999	4	–	4	–
$50,000 to $69,999	2	–	1	–
$70,000 to $99,999	1	–	1	–
$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	19	21	8	8	12	13	17	24	15
Motortrucks including pickups	23	32	10	14	16	18	18	23	9
Wheel tractors	28	55	6	6	26	49	21	40	3
Grain and bean combines, self-propelled only	5	5	1	(D)	4	(D)	2	(D)	–
Corn heads for combines	1	(D)	–	–	1	(D)	–	–	–
Other cornpickers and picker-shellers	–	–	–	–	–	–	–	–	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	10	12	1	(D)	9	(D)	6	6	1
Pickup balers	17	19	2	(D)	15	(D)	12	13	1
Field forage harvesters, shear bar or flywheel type	4	4	–	–	4	4	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—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	10	1	(X)	10	(X)	6	4
Workers	28	(X)	(D)	(X)	24	23	24
Farms with—							
1 worker	4	–	–	4	4	1	2
2 workers	3	–	–	3	6	2	1
3 or 4 workers	1	1	(D)	1	(D)	1	–
5 to 9 workers	2	–	–	2	(D)	2	–
10 workers or more	–	–	–	–	–	–	1

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	22	(X)	18	(X)	12	(X)	9	(X)
Any cattle, hogs, or sheep	16	(X)	15	(X)	9	(X)	6	(X)
Sales:								
Any livestock or poultry and their products $1,000	20	66	15	36	12	60	6	(D)
Any cattle, hogs, or sheep $1,000	16	(D)	14	(NA)	10	(D)	5	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	16	392	15	480	9	303	6	290
Cows and heifers that had calved	15	239	11	228	9	204	4	143
Beef cows	13	231	10	(D)	8	(D)	4	143
Milk cows	3	8	1	(D)	2	(D)	–	–
Heifers and heifer calves	11	62	(NA)	(NA)	5	35	4	60
Steers, steer calves, bulls and bull calves	15	91	(NA)	(NA)	9	64	6	87
Sales:								
Cattle and calves	16	152	14	156	10	137	5	106
$1,000	(X)	43	(X)	(NA)	(X)	38	(X)	14
Calves	9	105	(NA)	(NA)	7	(D)	2	(D)
$1,000	(X)	26	(X)	(NA)	(X)	(D)	(X)	(D)
Cattle	10	47	(NA)	(NA)	6	(D)	5	(D)
$1,000	(X)	18	(X)	(NA)	(X)	(D)	(X)	(D)
Fattened cattle	2	(D)	(NA)	(NA)	–	–	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	–	(X)	–
Dairy products $1,000	–	–	(NA)	(NA)	–	–	–	–
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	4	76	1	(D)	4	76	1	(D)
Used or to be used for breeding	2	(D)	(NA)	(NA)	2	(D)	–	–
Other hogs and pigs	4	(D)	(NA)	(NA)	4	(D)	1	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	2	(D)	1	(D)	2	(D)	1	(D)
Dec. 1 of preceding year and May 31	–	–	1	(D)	–	–	1	(D)
June 1 and Nov. 30	2	(D)	–	–	2	(D)	–	–
Sheep and lambs	–	–	–	–	–	–	–	–
Ewes 1 year old or older	–	–	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	12	156	11	148	5	103	7	142
Sales:								
Hogs and pigs	3	60	2	(D)	3	60	2	(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	–	–	–	–	–	–	–	–
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	–	–
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	–
Sheep, lambs, and wool $1,000	–	–	(NA)	(NA)	–	–	–	–
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	5	38	1	(D)	3	(D)	1	(D)
$1,000	(X)	13	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	5	(X)	2	(X)	4	(X)	2	(X)
Chickens 3 months old or older	5	(D)	2	(D)	4	(D)	2	(D)
Hens and pullets of laying age	5	487	2	(D)	4	(D)	2	(D)
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	–	–	–	–	–	–	–	–
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	2	(X)	(NA)	(X)	2	(X)	–	(X)
Sales:								
Any poultry	1	(X)	1	(X)	1	(X)	1	(X)
Chickens 3 months old or older	1	(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	–	–	(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	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	3	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	3	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	–	–	(X)	(NA)	(NA)	–	–	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(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)	(D)	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
Oats for grain (bushels)	1978	5	109	3 450	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	47	1 635	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	19	1 508	1 484	1	(D)	10	1 131	1 019	–	–
	1974	18	1 016	1 371	(NA)	(NA)	6	530	886	–	–
Alfalfa hay (tons, dry)	1978	15	1 082	1 055	1	(D)	7	775	680	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	450	714	–	–
Other tame dry hay (tons, dry) (see text)	1978	4	109	156	–	–	2	(D)	(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	–	–	(X)	–	–	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Tomatoes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	5	75	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Apples (pounds)	1978	5	58	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds)	1978	2	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(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	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	1 817	334 821	2 044	332 874	1 554	322 425	1 783	322 579
Average size of farm	(X)	184	(X)	163	(X)	207	(X)	181
Approximate land area	(X)	520 960	(X)	520 960	(X)	520 960	(X)	520 960
Proportion in farms — percent	(X)	64.3	(X)	63.9	(X)	61.9	(X)	61.9
Value of land and buildings:[1]								
Average per farm — dollars	198 717	(X)	112 740	(X)	220 875	(X)	124 769	(X)
Average per acre — dollars	(X)	1 095	(X)	692	(X)	1 090	(X)	690
Land in farms according to use:								
Total cropland	1 794	283 286	2 020	274 645	1 541	277 250	1 770	268 869
Harvested cropland	1 767	266 021	1 988	255 145	1 530	261 939	1 757	251 598
By acres harvested:								
1 to 9 acres	87	454	97	(NA)	27	105	24	(NA)
10 to 19 acres	142	1 964	137	(NA)	51	752	48	(NA)
20 to 29 acres	112	2 665	148	(NA)	64	1 549	101	(NA)
30 to 49 acres	255	9 655	332	(NA)	220	8 429	315	(NA)
50 to 99 acres	436	30 834	532	(NA)	433	30 655	527	(NA)
100 to 199 acres	353	49 983	403	(NA)	353	49 983	403	(NA)
200 to 499 acres	281	85 302	262	(NA)	281	85 302	262	(NA)
500 to 999 acres	75	49 336	60	(NA)	75	49 336	60	(NA)
1,000 acres or more	26	35 828	17	(NA)	26	35 828	17	(NA)
Cropland used only for pasture	232	5 617	348	7 406	183	4 954	278	6 197
Other cropland	525	11 648	501	12 094	449	10 357	430	11 074
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	141	2 483	(NA)	(NA)	119	2 097	98	1 769
Cropland on which all crops failed	55	948	(NA)	(NA)	36	649	73	1 208
Cropland in cultivated summer fallow	110	1 909	(NA)	(NA)	95	1 725	115	2 598
Cropland idle	304	6 308	(NA)	(NA)	270	5 886	200	5 499
Total woodland	856	28 263	962	29 958	726	24 023	860	28 235
Woodland pastured	135	3 968	(NA)	(NA)	107	3 371	187	4 448
Woodland not pastured	755	24 295	(NA)	(NA)	648	20 652	741	23 787
Other land	1 268	23 272	1 537	28 271	1 075	21 152	1 334	25 475
Pastureland and rangeland, other than cropland and woodland pastured	98	4 944	(NA)	(NA)	86	4 779	68	2 417
Land in house lots, ponds, roads, wasteland, etc	1 240	18 328	(NA)	(NA)	1 048	16 373	1 320	23 058
Pastureland, all types	385	14 529	(NA)	(NA)	308	13 104	(NA)	13 062
Irrigated land	33	961	34	758	32	(D)	28	711
Harvested cropland irrigated	33	961	(NA)	(NA)	32	(D)	27	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	1	(D)
Land set aside in the federal farm programs in 1978	249	3 580	(X)	(X)	240	3 541	(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]	1 817	53 749	2 044	59 242	1 554	53 377	1 783	58 899
Average per farm — dollars	(X)	29 581	(X)	28 983	(X)	34 348	(X)	33 034
Farms by value of agricultural products sold:[1]								
$100,000 or more	110	21 977	123	(NA)	110	21 977	123	(NA)
$40,000 to $99,999	248	15 425	245	(NA)	248	15 425	245	(NA)
$20,000 to $39,999	261	7 514	333	(NA)	261	7 514	333	(NA)
$10,000 to $19,999	355	5 083	413	(NA)	355	5 083	413	(NA)
$5,000 to $9,999	336	2 479	396	(NA)	336	2 479	396	(NA)
$2,500 to $4,999	244	900	239	(NA)	244	900	239	(NA)
Less than $2,500 (see text)	262	(D)	295	(NA)	(X)	(X)	34	(NA)
$2,000 to $2,499	59	130	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	63	108	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	69	86	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	71	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 691	42 600	1 943	49 840	1 492	42 317	(NA)	49 564
Grains	1 593	32 713	(NA)	(NA)	1 427	32 476	1 667	34 748
Commodity Credit Corporation loans	72	475	(NA)	(NA)	69	474	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	206	630	(NA)	(NA)	184	610	221	545
Vegetables, sweet corn, and melons	63	2 119	(NA)	(NA)	55	2 115	53	954
Fruits, nuts, and berries	43	299	(NA)	(NA)	33	286	33	646
Nursery and greenhouse products	24	946	30	834	20	944	24	827
Other crops	214	5 891	(NA)	(NA)	211	5 887	284	11 844
Livestock, poultry, and their products	550	11 149	703	9 361	472	11 061	616	9 297
Poultry and poultry products	105	377	152	526	88	368	127	517
Dairy products	134	5 825	(NA)	(NA)	134	5 825	206	5 177
Cattle and calves	393	3 387	(NA)	(NA)	347	3 338	464	2 610
Hogs and pigs	150	1 279	(NA)	(NA)	138	1 267	138	709
Sheep, lambs, and wool	25	25	(NA)	(NA)	18	23	18	45
Other livestock and livestock products (see text)	46	257	(NA)	(NA)	29	239	31	238

[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	1 817	2 044	334 821	1 767	332 583	266 021	33	7 360	5 122	961
Farms with -										
1 to 9 acres	38	49	155	25	106	76	5	15	9	9
10 to 49 acres	410	415	12 953	386	12 253	8 608	10	228	122	79
50 to 69 acres	140	162	8 233	138	8 127	6 209	5	315	115	32
70 to 99 acres	263	399	21 185	258	20 787	15 220	1	(D)	(D)	(D)
100 to 139 acres	224	280	26 312	223	26 212	18 800	2	(D)	(D)	(D)
140 to 179 acres	176	190	27 608	172	26 990	20 060	–	–	–	–
180 to 219 acres	122	120	24 124	122	24 124	18 231	1	(D)	(D)	(D)
220 to 259 acres	85	89	20 298	85	20 298	15 904	1	(D)	(D)	(D)
260 to 499 acres	223	238	78 412	222	78 145	63 710	3	1 195	887	185
500 to 999 acres	102	78	66 288	102	66 288	56 777	3	2 204	1 579	249
1,000 to 1,999 acres	30	21	36 566	30	36 566	32 431	2	(D)	(D)	(D)
2,000 acres or more	4	3	12 687	4	12 687	9 995	–	–	–	–

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	1 817	334 821	2 044	332 874	1 554	322 425	1 783	322 579
Harvested cropland	1 767	266 021	1 988	255 145	1 530	261 939	1 757	251 598
Tenure of operator:								
Full owners	996	108 245	1 236	117 674	795	99 645	998	108 311
Harvested cropland	951	76 154	(NA)	79 194	772	73 170	(NA)	75 948
Part owners	685	208 083	667	192 503	634	204 584	647	191 586
Harvested cropland	680	173 699	(NA)	155 868	633	172 795	(NA)	155 582
Tenants	136	18 493	141	22 697	125	18 196	138	22 682
Harvested cropland	136	16 168	(NA)	20 083	125	15 974	(NA)	20 068
Type of organization:								
Individual or family	1 606	258 582	(NA)	(NA)	1 359	247 358	1 649	269 236
Partnership	193	64 278	(NA)	(NA)	180	63 965	122	45 482
Corporation	14	9 862	(NA)	(NA)	13	(D)	8	6 506
Other—cooperative, estate or trust, institutional, etc.	4	2 099	(NA)	(NA)	2	(D)	4	1 355

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	948	1 195	884	1 117
Other	869	837	670	654
Operators by age group:				
Under 25 years	51	49	45	46
25 to 34 years	216	274	174	227
35 to 44 years	367	361	313	301
45 to 54 years	462	550	406	482
55 to 64 years	463	483	396	442
65 years and over	258	315	220	273
Average age	49.7	50.2	49.7	50.4

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 469	1 555	1 272	1 372
Not on farm operated	194	226	155	179
Not reported	154	251	127	220
Operators reporting days of work off farm:				
None	720	657	660	600
1 to 49 days	117	85	108	76
50 to 99 days	39	55	37	50
100 to 149 days	54	51	52	46
150 to 199 days	70	74	56	65
200 days or more	752	761	586	608

[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	394	1 644	463	1 309	311	1 596	372	1 276
Feed for livestock and poultry	549	1 991	703	1 854	430	1 932	562	1 797
Commercially mixed formula feeds	230	1 136	517	1 143	198	1 114	443	1 126
Animal health costs	373	224	(NA)	(NA)	285	218	374	158
Seeds, bulbs, plants, and trees	1 455	2 721	1 455	1 874	1 339	2 704	1 324	1 858
Commercial fertilizer	1 621	7 284	1 749	6 321	1 423	7 211	1 569	6 276
Other agricultural chemicals including lime	1 493	2 466	1 249	1 419	1 331	2 439	1 166	1 411
Hired farm labor	517	2 098	487	1 853	462	2 055	459	1 843
Contract labor	39	105	72	159	39	105	72	159
Customwork, machine hire, and rental of machinery and equipment	707	627	808	679	625	620	745	670
Energy and petroleum products	1 818	3 514	(NA)	(NA)	1 575	3 444	(NA)	(NA)
Petroleum products	1 818	2 951	2 029	2 423	1 575	2 894	1 775	2 377
Gasoline	1 751	1 647	(NA)	(NA)	1 514	1 604	1 749	1 533
Diesel fuel	893	882	(NA)	(NA)	865	878	752	553
LP gas, butane, and propane	78	79	(NA)	(NA)	77	(D)	101	84
Fuel oil	155	55	(NA)	(NA)	155	55		
Natural gas	60	76	(NA)	(NA)	59	(D)	1 775	208
Kerosene, motor oil, and grease	1 818	213	(NA)	(NA)	1 575	203		
Electricity	1 109	538	(NA)	(NA)	1 025	529	(NA)	(NA)
Other—coal, wood, coke, etc.	88	25	(NA)	(NA)	70	21	(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	1 596	236 378	1 404	233 288	1 569	210 061
Cropland fertilized, except pasture	1 596	235 777	1 404	232 812	(NA)	209 782
Pasture and rangeland fertilized	34	601	24	476	(NA)	279
Lime	44	1 866	44	1 866	26	1 051
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	392	44 798	343	44 281	(NA)	22 728
Nematodes in crops	65	9 878	60	9 868	5	61
Diseases in crops and orchards	105	13 003	100	12 993	40	2 969
Weeds, grass, or brush in crops and pasture	1 212	184 731	1 089	182 664	(NA)	139 813
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	13	2 976	13	2 976	7	329
Insect control on livestock and poultry	208	(X)	167	(X)	76	(X)
Sanitation and rodent and bird control	148	(X)	117	(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	1 818	2 009	1 575	1 755
$1,000	70 211	52 310	67 617	50 217
Average per farm—dollars	38 620	26 038	42 931	28 614
Farms by value group:				
$1 to $4,999	122	270	80	172
$5,000 to $9,999	315	327	177	239
$10,000 to $19,999	429	446	387	397

	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	175	353	174	338
$30,000 to $49,999	268	360	262	356
$50,000 to $69,999	206	111	197	111
$70,000 to $99,999	106	142	101	142
$100,000 to $199,999	157		157	
$200,000 or more	40		40	

	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	1 408	1 940	831	998	752	942	1 711	2 312	1 350
Motortrucks including pickups	1 553	2 767	741	867	1 160	1 900	1 690	2 742	999
Wheel tractors	1 678	5 168	504	684	1 592	4 484	1 925	5 203	877
Grain and bean combines, self-propelled only	1 035	1 136	223	235	834	901	906	972	202
Corn heads for combines	374	402	119	122	257	280	231	239	112
Other cornpickers and picker-shellers	541	571	59	59	482	512	660	672	102
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	386	391	79	79	307	312	347	357	63
Pickup balers	451	460	45	45	407	415	485	488	80
Field forage harvesters, shear bar or flywheel type	163	183	37	38	130	145	170	194	38

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	517	118	(X)	449	(X)	462	459
Workers	2 794	(X)	252	(X)	2 542	2 705	2 726
Farms with—							
1 worker	181	55	55	154	154	145	147
2 workers	111	35	70	95	190	99	53
3 or 4 workers	92	23	(D)	71	247	86	92
5 to 9 workers	75	2	(D)	76	525	74	94
10 workers or more	58	3	38	53	1 426	58	73

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	640	(X)	812	(X)	522	(X)	683	(X)
Any cattle, hogs, or sheep	519	(X)	674	(X)	435	(X)	574	(X)
Sales:								
Any livestock or poultry and their products $1,000	550	11 149	703	9 361	472	11 061	616	9 297
Any cattle, hogs, or sheep $1,000	480	4 690	598	(NA)	421	4 629	538	3 364
CATTLE AND CALVES								
Inventory:								
Cattle and calves	445	15 476	605	19 727	366	14 918	510	18 842
Cows and heifers that had calved	282	6 376	414	7 923	232	6 191	349	7 616
Beef cows	135	1 182	184	1 735	95	1 019	133	1 473
Milk cows	163	5 194	264	6 188	150	5 172	243	6 143
Heifers and heifer calves	281	4 390	(NA)	(NA)	235	4 251	296	4 840
Steers, steer calves, bulls and bull calves	346	4 710	(NA)	(NA)	283	4 476	379	6 386
Sales:								
Cattle and calves	393	9 343	517	9 538	347	9 174	464	9 287
$1,000	(X)	3 387	(X)	(NA)	(X)	3 338	(X)	2 610
Calves	193	3 207	(NA)	(NA)	175	3 155	251	2 471
$1,000	(X)	301	(X)	(NA)	(X)	294	(X)	137
Cattle	354	6 136	(NA)	(NA)	313	6 019	401	6 816
$1,000	(X)	3 086	(X)	(NA)	(X)	3 044	(X)	2 473
Fattened cattle	182	3 230	(NA)	(NA)	160	3 162	156	3 954
$1,000	(X)	1 681	(X)	(NA)	(X)	1 657	(X)	1 578
Dairy products $1,000	134	5 825	(NA)	(NA)	134	5 825	206	5 177
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	156	8 281	161	8 559	137	8 040	147	8 440
Used or to be used for breeding	79	984	(NA)	(NA)	71	953	64	1 028
Other hogs and pigs	146	7 297	(NA)	(NA)	128	7 087	145	7 412
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	81	1 176	79	1 317	72	1 148	74	1 302
Dec. 1 of preceding year and May 31	67	618	63	761	61	602	61	(D)
June 1 and Nov. 30	66	558	68	556	61	546	63	(D)
Sheep and lambs	28	1 099	34	1 117	20	999	30	1 031
Ewes 1 year old or older	27	612	(NA)	(NA)	19	540	25	387
Goats	4	71	(NA)	(NA)	1	(D)	4	4
Horses and ponies	115	515	153	838	75	341	108	715
Sales:								
Hogs and pigs	150	13 046	148	9 947	138	12 910	138	9 838
$1,000	(X)	1 279	(X)	(NA)	(X)	1 267	(X)	709
Feeder pigs	30	1 773	28	893	25	1 733	25	849
$1,000	(X)	70	(X)	(NA)	(X)	69	(X)	19
Sheep and lambs	22	427	21	1 495	17	404	18	1 414
Sheep and lambs shorn	24	624	(NA)	(NA)	17	536	15	759
Pounds of wool	(X)	4 991	(X)	(NA)	(X)	4 261	(X)	7 490
Sheep, lambs, and wool $1,000	25	25	(NA)	(NA)	18	23	18	45
Goats	3	31	(NA)	(NA)	–	–	–	–
$1,000	(X)	1	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	26	75	27	132	16	55	20	123
$1,000	(X)	80	(X)	(NA)	(X)	69	(X)	97
POULTRY								
Inventory:								
Any poultry	190	(X)	285	(X)	136	(X)	219	(X)
Chickens 3 months old or older	168	42 587	268	57 457	124	40 957	204	54 909
Hens and pullets of laying age	166	41 984	264	56 547	122	(D)	201	54 154
Pullets 3 months old or older	8	603	(NA)	(NA)	6	(D)	3	254
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Broilers and other meat-type chickens	28	1 152	34	2 193	20	746	24	1 848
Turkeys	5	26	(NA)	(NA)	4	(D)	2	(D)
Turkeys for slaughter	4	18	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	3	8	(NA)	(NA)	2	(D)	–	–
Other poultry	52	(X)	(NA)	(X)	29	(X)	26	(X)
Sales:								
Any poultry	78	(X)	91	(X)	61	(X)	81	(X)
Chickens 3 months old or older	48	59 179	77	84 526	42	58 969	68	83 818
Hens and pullets of laying age	47	(D)	75	45 391	41	(D)	66	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	18	1 614	16	2 129	14	1 214	13	1 906
Turkeys	3	14	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	3	14	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products $1,000	105	377	152	526	88	368	127	517

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	1 005	66 518	(X)	4	316	933	65 720	(X)	4	316
	1974	1 149	58 614	(X)	(NA)	(NA)	1 066	57 663	(X)	5	119
For grain or seed (bushels)	1978	988	61 213	5 155 525	4	316	916	(D)	5 109 488	4	316
	1974	1 116	53 203	4 109 728	(NA)	(NA)	1 040	52 316	4 076 276	5	119
For silage or green chop (tons, green)	1978	167	5 305	70 202	–	–	166	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	198	5 158	67 807	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	189	(X)	–	–
Sorghums for all purposes	1978	15	194	(X)	–	–	15	194	(X)	–	–
	1974	18	203	(X)	(NA)	(NA)	16	(D)	(X)	–	–
For grain or seed (bushels)	1978	3	34	2 517	–	–	3	34	2 517	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	13	160	2 199	–	–	13	160	2 199	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	177	1 578	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Wheat for grain (bushels)	1978	406	9 802	473 961	–	–	391	9 692	470 615	–	–
	1974	1 265	37 290	1 737 171	(NA)	(NA)	1 201	36 780	1 718 135	2	(D)
Oats for grain (bushels)	1978	490	8 554	602 143	–	–	457	8 229	586 209	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	434	6 688	479 113	–	–
Barley for grain (bushels)	1978	11	235	13 000	–	–	11	235	13 000	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	119	6 770	–	–
Rye for grain (bushels)	1978	13	200	6 095	–	–	11	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	30	281	8 132	–	–
Other small grains for grain	1978	4	64	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	35	(X)	–	–
Soybeans for beans (bushels)	1978	1 309	110 183	2 787 814	–	–	1 189	108 283	2 753 199	–	–
	1974	1 166	58 493	1 517 179	(NA)	(NA)	1 077	57 557	1 499 113	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	8	300	(D)	1	(D)	6	(D)	(D)	1	(D)
	1974	19	282	42 008	(NA)	(NA)	14	280	41 824	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	520	15 129	41 864	1	(D)	442	14 366	40 602	1	(D)
	1974	597	13 850	38 554	(NA)	(NA)	521	13 080	37 127	–	–
Alfalfa hay (tons, dry)	1978	455	11 847	35 976	–	–	394	11 322	34 977	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	427	9 668	29 600	–	–
Other tame dry hay (tons, dry) (see text)	1978	62	928	1 688	–	–	46	757	1 481	–	–
Field seed crops	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	67	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	20	1 000	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	42	9 847	–	–
All vegetables harvested for sale (see text)	1978	63	2 524	(X)	9	218	55	2 511	(X)	9	218
	1974	69	1 976	(X)	(NA)	(NA)	56	1 955	(X)	4	272
Sweet corn	1978	36	282	(X)	3	(D)	31	278	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	27	239	(X)	1	(D)
Tomatoes	1978	24	222	(X)	6	(D)	23	(D)	(X)	6	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	93	(X)	1	(D)
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	161	(X)	–	–
Land in orchards	1978	30	200	(X)	1	(D)	20	168	(X)	1	(D)
	1974	37	382	(X)	(NA)	(NA)	22	347	(X)	–	–
Apples (pounds)	1978	26	166	726 702	(NA)	(NA)	16	145	587 812	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	331	6 029 123	(NA)	(NA)
Peaches (pounds)	1978	8	6	(D)	(NA)	(NA)	5	5	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	13	14	13 930	(NA)	(NA)	10	12	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	9	16 000	(NA)	(NA)
Berries	1978	29	207	(X)	13	107	24	198	(X)	13	107
	1974	36	367	(X)	(NA)	(NA)	24	350	(X)	6	122
Strawberries (pounds)	1978	17	74	381 385	9	66	15	(D)	(D)	9	66
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	25	111 508	3	15
Nursery and greenhouse products	1978	24	148	(X)	9	51	20	145	(X)	9	51
Other crops	1978	603	56 154	(X)	(NA)	(NA)	586	55 993	(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	1 316	206 258	1 468	202 340	946	184 908	933	169 243
Average size of farm	(X)	157	(X)	138	(X)	195	(X)	181
Approximate land area	(X)	469 760	(X)	469 760	(X)	469 760	(X)	469 760
Proportion in farms — percent	(X)	43.9	(X)	43.1	(X)	39.4	(X)	36.0
Value of land and buildings:[1]								
Average per farm — dollars	163 875	(X)	102 820	(X)	203 350	(X)	130 274	(X)
Average per acre — dollars	(X)	1 104	(X)	746	(X)	1 092	(X)	718
Land in farms according to use:								
Total cropland	1 288	178 248	1 447	160 996	927	162 591	928	139 594
Harvested cropland	1 235	132 399	1 376	116 839	902	125 021	914	107 334
By acres harvested:								
1 to 9 acres	82	378	123	(NA)	30	94	28	(NA)
10 to 19 acres	150	2 076	191	(NA)	39	563	36	(NA)
20 to 29 acres	142	3 280	145	(NA)	59	1 370	41	(NA)
30 to 49 acres	218	8 188	254	(NA)	152	5 835	167	(NA)
50 to 99 acres	266	18 559	316	(NA)	246	(D)	295	(NA)
100 to 199 acres	202	28 484	218	(NA)	201	(D)	218	(NA)
200 to 499 acres	142	42 906	115	(NA)	142	42 906	115	(NA)
500 to 999 acres	25	16 474	10	(NA)	25	16 474	10	(NA)
1,000 acres or more	8	12 054	4	(NA)	8	12 054	4	(NA)
Cropland used only for pasture	495	15 003	683	21 335	351	12 533	400	14 659
Other cropland	747	30 846	721	22 822	543	25 037	500	17 601
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	140	4 104	(NA)	(NA)	104	3 308	74	2 295
Cropland on which all crops failed	107	2 765	(NA)	(NA)	71	2 195	106	2 278
Cropland in cultivated summer fallow	342	10 501	(NA)	(NA)	260	8 901	301	7 426
Cropland idle	425	13 476	(NA)	(NA)	298	10 633	191	5 602
Total woodland	672	15 183	780	18 921	503	12 731	518	14 192
Woodland pastured	141	3 238	(NA)	(NA)	109	2 772	164	3 968
Woodland not pastured	568	11 945	(NA)	(NA)	423	9 959	414	10 224
Other land	950	12 827	1 177	22 423	658	9 586	729	15 457
Pastureland and rangeland, other than cropland and woodland pastured	114	2 897	(NA)	(NA)	75	2 269	126	4 919
Land in house lots, ponds, roads, wasteland, etc	930	9 930	(NA)	(NA)	645	7 317	713	10 538
Pastureland, all types	612	21 138	(NA)	(NA)	434	17 574	(NA)	23 546
Irrigated land	19	604	20	602	19	604	15	579
Harvested cropland irrigated	18	519	(NA)	(NA)	18	519	15	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	3	(D)	1	(D)
Land set aside in the federal farm programs in 1978	169	3 116	(X)	(X)	146	2 938	(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]	1 316	29 342	1 468	25 990	946	28 914	933	25 370
Average per farm — dollars	(X)	22 296	(X)	17 704	(X)	30 564	(X)	27 192
Farms by value of agricultural products sold:[1]								
$100,000 or more	41	12 059	25	(NA)	41	12 059	25	(NA)
$40,000 to $99,999	133	7 959	119	(NA)	133	7 959	119	(NA)
$20,000 to $39,999	144	4 182	174	(NA)	144	4 182	174	(NA)
$10,000 to $19,999	162	2 279	182	(NA)	162	2 279	182	(NA)
$5,000 to $9,999	219	1 542	220	(NA)	219	1 542	220	(NA)
$2,500 to $4,999	247	893	186	(NA)	247	893	186	(NA)
Less than $2,500 (see text)	370	428	562	(NA)	(X)	(X)	27	(NA)
$2,000 to $2,499	53	117	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	92	158	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	82	101	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	143	52	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 029	12 865	1 205	11 002	804	12 599	(NA)	10 626
Grains	807	9 096	(NA)	(NA)	675	8 952	748	6 934
Commodity Credit Corporation loans	50	372	(NA)	(NA)	46	370	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	395	1 096	(NA)	(NA)	287	991	315	762
Vegetables, sweet corn, and melons	72	948	(NA)	(NA)	59	944	55	1 020
Fruits, nuts, and berries	31	353	(NA)	(NA)	16	346	14	228
Nursery and greenhouse products	31	1 091	34	1 041	27	1 087	29	1 037
Other crops	18	279	(NA)	(NA)	18	279	26	645
Livestock, poultry, and their products	667	16 477	860	14 941	503	16 315	582	14 700
Poultry and poultry products	75	(D)	99	1 852	43	(D)	54	1 843
Dairy products	179	7 019	(NA)	(NA)	178	(D)	243	6 517
Cattle and calves	510	6 295	(NA)	(NA)	410	6 200	517	5 877
Hogs and pigs	116	549	(NA)	(NA)	86	530	89	345
Sheep, lambs, and wool	35	(D)	(NA)	(NA)	16	14	33	23
Other livestock and livestock products (see text)	86	238	(NA)	(NA)	55	206	33	94

[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	1 316	1 468	206 258	1 235	202 661	132 399	19	2 830	1 660	604
Farms with—										
1 to 9 acres	35	38	136	17	85	58	1	(D)	(D)	(D)
10 to 49 acres	302	332	9 281	259	8 252	4 594	4	90	36	46
50 to 69 acres	122	139	7 187	118	6 945	3 932	–	–	–	–
70 to 99 acres	227	255	18 426	217	17 599	9 897	3	277	87	125
100 to 139 acres	165	199	19 218	164	19 109	9 867	1	(D)	(D)	(D)
140 to 179 acres	110	131	17 174	109	17 030	10 187	5	790	477	231
180 to 219 acres	69	109	13 665	69	13 665	7 960	1	(D)	(D)	(D)
220 to 259 acres	72	88	17 148	70	16 681	10 682	2	(D)	(D)	(D)
260 to 499 acres	154	145	53 384	152	52 656	36 201	1	(D)	(D)	(D)
500 to 999 acres	48	24	31 303	48	31 303	23 993	1	(D)	(D)	(D)
1,000 to 1,999 acres	10	6	(D)	10	(D)	(D)	–	–	–	–
2,000 acres or more	2	2	(D)	2	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 316	206 258	1 468	202 340	946	184 908	933	169 243
Harvested cropland	1 235	132 399	1 376	116 839	902	125 021	914	107 334
Tenure of operator:								
Full owners	755	66 073	974	92 635	438	48 244	496	64 118
Harvested cropland	684	31 781	(NA)	43 137	401	25 904	(NA)	35 099
Part owners	477	126 091	433	100 930	434	122 968	387	96 962
Harvested cropland	471	89 848	(NA)	68 907	431	88 633	(NA)	67 578
Tenants	84	14 094	61	8 775	74	13 696	50	8 163
Harvested cropland	80	10 770	(NA)	4 795	70	10 484	(NA)	4 657
Type of organization:								
Individual or family	1 201	170 081	(NA)	(NA)	851	149 940	867	144 604
Partnership	108	33 103	(NA)	(NA)	88	31 894	59	22 996
Corporation	7	3 074	(NA)	(NA)	7	3 074	7	1 643
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	580	737	513	597
Other	736	724	433	329
Operators by age group:				
Under 25 years	25	27	22	20
25 to 34 years	147	160	111	94
35 to 44 years	251	232	170	137
45 to 54 years	324	350	222	232
55 to 64 years	352	385	265	261
65 years and over	217	307	156	182
Average age	51.1	52.5	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	1 085	1 150	774	727
Not on farm operated	126	118	99	78
Not reported	105	193	73	121
Operators reporting days of work off farm:				
None	446	503	385	364
1 to 49 days	82	60	61	40
50 to 99 days	45	34	32	17
100 to 149 days	34	33	27	28
150 to 199 days	81	62	61	43
200 days or more	586	571	344	264

[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	358	2 876	564	4 117	270	2 818	290	4 016
Feed for livestock and poultry	590	3 240	811	2 904	424	3 160	483	2 771
Commercially mixed formula feeds	269	2 020	466	1 743	233	2 001	309	1 685
Animal health costs	516	237	(NA)	(NA)	405	219	379	129
Seeds, bulbs, plants, and trees	842	1 066	1 000	725	709	1 047	728	689
Commercial fertilizer	945	[2] 723	1 118	2 387	765	2 657	809	2 301
Other agricultural chemicals including lime	747	859	598	479	604	838	503	470
Hired farm labor	371	1 283	350	1 252	309	1 247	263	1 231
Contract labor	20	58	30	81	20	58	28	(D)
Customwork, machine hire, and rental of machinery and equipment	450	418	544	313	364	395	384	287
Energy and petroleum products	1 314	2 058	(NA)	(NA)	945	1 924	(NA)	(NA)
Petroleum products	1 314	1 594	1 445	1 354	945	1 478	920	1 238
Gasoline	1 203	828	(NA)	(NA)	870	752	903	810
Diesel fuel	606	461	(NA)	(NA)	511	442	400	244
LP gas, butane, and propane	77	88	(NA)	(NA)	73	87	72	66
Fuel oil	68	67	(NA)	(NA)	56	66		
Natural gas	12	19	(NA)	(NA)	9	16	914	118
Kerosene, motor oil, and grease	1 314	132	(NA)	(NA)	945	114		
Electricity	942	448	(NA)	(NA)	764	430	(NA)	(NA)
Other—coal, wood, coke, etc.	42	16	(NA)	(NA)	30	16	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	934	99 432	754	96 407	809	76 340
Cropland fertilized, except pasture	930	98 963	750	95 938	(NA)	76 122
Pasture and rangeland fertilized	34	469	34	469	(NA)	218
Lime	55	1 716	55	1 716	34	1 202
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	177	25 952	167	25 808	(NA)	14 077
Nematodes in crops	27	1 978	27	1 978	4	157
Diseases in crops and orchards	44	3 557	14	3 439	7	203
Weeds, grass, or brush in crops and pasture	602	71 627	499	69 530	(NA)	38 890
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	–	–	–	–	2	(D)
Insect control on livestock and poultry	181	(X)	151	(X)	54	(X)
Sanitation and rodent and bird control	88	(X)	63	(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	1 318	1 453	945	918
$1,000	35 311	28 402	32 211	23 791
Average per farm—dollars	26 791	19 547	34 086	25 916
Farms by value group:				
$1 to $4,999	91	233	51	80
$5,000 to $9,999	338	346	102	138
$10,000 to $19,999	296	336	227	200
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	189	257	167	227
$30,000 to $49,999	196	183	190	176
$50,000 to $69,999	94	62	94	61
$70,000 to $99,999	56	36	56	36
$100,000 to $199,999	51		51	
$200,000 or more	7		7	

	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	973	1 374	538	712	534	662	1 184	1 508	993
Motortrucks including pickups	1 074	1 538	562	660	660	878	1 159	1 474	682
Wheel tractors	1 210	3 196	267	436	1 139	2 760	1 359	3 177	542
Grain and bean combines, self-propelled only	462	503	62	62	408	441	304	320	52
Corn heads for combines	158	159	47	47	112	112	96	102	38
Other cornpickers and picker-shellers	455	478	47	49	413	429	497	512	82
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	520	533	130	131	390	402	396	414	121
Pickup balers	624	675	67	72	574	603	635	652	126
Field forage harvesters, shear bar or flywheel type	277	321	37	37	248	284	298	332	68

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	371	99	(X)	335	(X)	309	263
Workers	1 460	(X)	211	(X)	1 249	1 288	1 324
Farms with—							
1 worker	112	54	54	116	116	90	105
2 workers	103	27	54	82	164	100	47
3 or 4 workers	98	13	41	87	318	61	44
5 to 9 workers	38	3	(D)	32	199	38	38
10 workers or more	20	2	(D)	18	452	20	29

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	743	(X)	958	(X)	519	(X)	613	(X)
Any cattle, hogs, or sheep	621	(X)	854	(X)	455	(X)	564	(X)
Sales:								
Any livestock or poultry and their products $1,000	667	16 477	860	14 941	503	16 315	582	14 700
Any cattle, hogs, or sheep $1,000	580	(D)	784	(NA)	450	6 744	552	6 245
CATTLE AND CALVES								
Inventory:								
Cattle and calves	567	21 851	805	31 511	421	20 506	536	28 512
Cows and heifers that had calved	444	9 180	617	12 585	333	8 666	410	11 144
Beef cows	262	2 724	359	4 409	163	2 269	172	3 153
Milk cows	225	6 456	335	8 176	198	6 397	277	7 991
Heifers and heifer calves	434	6 100	(NA)	(NA)	338	5 706	362	6 351
Steers, steer calves, bulls and bull calves	452	6 571	(NA)	(NA)	347	6 134	409	11 017
Sales:								
Cattle and calves	510	14 782	709	19 368	410	14 426	517	18 498
$1,000	(X)	6 295	(X)	(NA)	(X)	6 200	(X)	5 877
Calves	263	3 204	(NA)	(NA)	228	3 063	297	4 159
$1,000	(X)	355	(X)	(NA)	(X)	337	(X)	231
Cattle	459	11 578	(NA)	(NA)	375	11 363	456	14 339
$1,000	(X)	5 940	(X)	(NA)	(X)	5 862	(X)	5 647
Fattened cattle	194	8 375	(NA)	(NA)	149	8 263	154	10 425
$1,000	(X)	4 562	(X)	(NA)	(X)	4 519	(X)	4 449
Dairy products $1,000	179	7 019	(NA)	(NA)	178	(D)	243	6 517
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	139	4 646	176	3 872	95	4 377	107	3 038
Used or to be used for breeding	85	829	(NA)	(NA)	65	752	54	402
Other hogs and pigs	125	3 817	(NA)	(NA)	86	3 625	103	2 636
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	90	974	89	738	69	928	58	611
Dec. 1 of preceding year and May 31	76	479	67	428	61	452	48	374
June 1 and Nov. 30	71	495	75	310	57	476	47	237
Sheep and lambs	33	506	66	1 539	15	258	36	981
Ewes 1 year old or older	24	350	(NA)	(NA)	11	174	30	567
Goats	12	59	(NA)	(NA)	5	26	1	(D)
Horses and ponies	210	930	250	1 041	121	582	104	569
Sales:								
Hogs and pigs	116	6 570	131	6 212	86	6 306	89	5 528
$1,000	(X)	549	(X)	(NA)	(X)	530	(X)	345
Feeder pigs	41	2 692	40	1 834	34	2 584	22	1 655
$1,000	(X)	125	(X)	(NA)	(X)	121	(X)	31
Sheep and lambs	34	470	45	877	16	280	28	659
Sheep and lambs shorn	27	425	(NA)	(NA)	12	211	23	637
Pounds of wool	(X)	3 409	(X)	(NA)	(X)	1 517	(X)	5 461
Sheep, lambs, and wool $1,000	35	(D)	(NA)	(NA)	16	14	33	23
Goats	5	43	(NA)	(NA)	1	(D)	2	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(D)
Horses and ponies	55	167	42	167	39	135	20	121
$1,000	(X)	194	(X)	(NA)	(X)	173	(X)	71
POULTRY								
Inventory:								
Any poultry	188	(X)	234	(X)	104	(X)	119	(X)
Chickens 3 months old or older	162	152 149	218	182 097	93	149 840	112	178 104
Hens and pullets of laying age	160	(D)	206	162 110	92	(D)	108	158 671
Pullets 3 months old or older	23	(D)	(NA)	(NA)	8	(D)	10	16 962
Pullet chicks and pullets under 3 months old	10	418	(NA)	(NA)	7	363	3	41 008
Broilers and other meat-type chickens	46	2 165	26	1 370	24	1 330	10	605
Turkeys	9	83	(NA)	(NA)	4	9	3	17
Turkeys for slaughter	7	(D)	(NA)	(NA)	3	(D)	3	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	60	(X)	(NA)	(X)	27	(X)	23	(X)
Sales:								
Any poultry	60	(X)	54	(X)	33	(X)	33	(X)
Chickens 3 months old or older	22	128 809	44	487 132	17	128 688	27	486 537
Hens and pullets of laying age	21	(D)	36	169 713	16	(D)	25	169 174
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	3	316 000
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	23	10 640	8	505	11	9 917	2	(D)
Turkeys	–	–	(NA)	(NA)	–	–	–	–
Turkeys for slaughter	–	–	(NA)	(NA)	–	–	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	15	(X)	(NA)	(X)	7	(X)	8	(X)
Poultry and poultry products $1,000	75	(D)	99	1 852	43	(D)	54	1 843

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	669	48 432	(X)	–	–	562	47 277	(X)	–	–
	1974	793	41 541	(X)	(NA)	(NA)	634	39 983	(X)	1	(D)
For grain or seed (bushels)	1978	614	39 605	2 293 553	–	–	512	38 552	2 247 712	–	–
	1974	683	29 343	1 819 193	(NA)	(NA)	549	28 177	1 770 553	1	(D)
For silage or green chop (tons, green)	1978	227	8 827	78 170	–	–	213	8 725	77 299	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	323	11 638	113 305	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	168	(X)	–	–
Sorghums for all purposes	1978	15	223	(X)	–	–	14	(D)	(X)	–	–
	1974	23	288	(X)	(NA)	(NA)	13	214	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	15	223	2 688	–	–	14	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	(D)	817	–	–
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	343	8 202	292 872	1	(D)	312	7 915	286 452	1	(D)
	1974	751	17 816	669 288	(NA)	(NA)	604	16 305	622 964	–	–
Oats for grain (bushels)	1978	406	7 950	485 406	–	–	347	7 411	463 089	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	378	7 227	359 700	–	–
Barley for grain (bushels)	1978	9	113	3 695	–	–	8	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	66	2 100	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	116	2 651	–	–
Other small grains for grain	1978	10	110	(X)	–	–	5	68	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	31	358	(X)	–	–
Soybeans for beans (bushels)	1978	494	31 072	524 312	1	(D)	438	30 295	513 035	1	(D)
	1974	343	11 610	252 128	(NA)	(NA)	312	11 307	247 603	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	9	103	16 778	–	–	8	(D)	(D)	–	–
	1974	12	78	9 689	(NA)	(NA)	8	75	9 133	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	1	(D)	–	–	–
Hay crops (tons, dry) (see text)	1978	784	30 481	63 163	2	(D)	549	25 963	56 791	2	(D)
	1974	873	29 782	58 063	(NA)	(NA)	584	24 399	50 379	–	–
Alfalfa hay (tons, dry)	1978	540	18 307	43 560	2	(D)	408	16 264	40 248	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	390	12 459	29 806	–	–
Other tame dry hay (tons, dry) (see text)	1978	295	7 600	12 824	1	(D)	197	5 811	10 459	1	(D)
Field seed crops	1978	22	299	(X)	–	–	18	265	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	43	510	(X)	–	–
Alfalfa seed (pounds)	1978	8	94	4 190	–	–	8	94	4 190	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	97	3 095	–	–
Red clover seed (pounds)	1978	14	165	7 737	–	–	11	146	6 057	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	35	381	29 355	–	–
All vegetables harvested for sale (see text)	1978	72	1 694	(X)	3	56	59	1 680	(X)	3	56
	1974	93	2 316	(X)	(NA)	(NA)	58	2 236	(X)	2	(D)
Sweet corn	1978	42	341	(X)	1	(D)	35	338	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	34	463	(X)	2	(D)
Tomatoes	1978	27	64	(X)	–	–	20	61	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	62	(X)	–	–
Green peas excluding cowpeas	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	26	(X)	–	–
Land in orchards	1978	30	526	(X)	3	(D)	12	423	(X)	3	(D)
	1974	41	420	(X)	(NA)	(NA)	15	377	(X)	1	(D)
Apples (pounds)	1978	25	418	3 528 080	(NA)	(NA)	11	351	3 482 600	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	298	3 210 000	(NA)	(NA)
Peaches (pounds)	1978	7	18	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	11	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	4	9	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	2	(D)	(NA)	(NA)
Berries	1978	18	35	(X)	–	–	9	21	(X)	–	–
	1974	12	19	(X)	(NA)	(NA)	5	11	(X)	2	(D)
Strawberries (pounds)	1978	11	19	19 663	–	–	6	13	12 950	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	5	31 825	2	(D)
Nursery and greenhouse products	1978	31	636	(X)	8	124	27	625	(X)	8	124
Other crops	1978	95	5 615	(X)	(NA)	(NA)	89	5 512	(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	1 083	223 042	1 169	226 013	891	212 454	910	208 032
Average size of farm	(X)	206	(X)	193	(X)	238	(X)	229
Approximate land area	(X)	323 840	(X)	323 840	(X)	323 840	(X)	323 840
Proportion in farms, percent	(X)	68.9	(X)	69.8	(X)	65.6	(X)	64.2
Value of land and buildings:[1]								
Average per farm, dollars	189 677	(X)	89 416	(X)	220 707	(X)	105 134	(X)
Average per acre, dollars	(X)	993	(X)	462	(X)	993	(X)	460
Land in farms according to use:								
Total cropland	1 050	178 622	1 139	175 593	867	172 457	895	165 701
Harvested cropland	1 008	150 012	1 106	141 328	844	146 481	888	136 335
By acres harvested:								
1 to 9 acres	63	337	48	(NA)	24	119	11	(NA)
10 to 19 acres	101	1 364	86	(NA)	47	651	26	(NA)
20 to 29 acres	79	1 886	117	(NA)	45	1 080	57	(NA)
30 to 49 acres	132	4 972	150	(NA)	104	3 930	102	(NA)
50 to 99 acres	228	16 195	306	(NA)	220	(D)	294	(NA)
100 to 199 acres	179	24 521	184	(NA)	179	24 521	183	(NA)
200 to 499 acres	157	48 257	171	(NA)	156	(D)	171	(NA)
500 to 999 acres	62	39 559	38	(NA)	62	39 559	38	(NA)
1,000 acres or more	7	12 921	6	(NA)	7	12 921	6	(NA)
Cropland used only for pasture	392	10 856	487	15 871	324	9 754	377	12 477
Other cropland	486	17 754	434	18 394	419	16 222	368	16 889
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	174	4 686	(NA)	(NA)	147	4 270	126	3 566
Cropland on which all crops failed	32	384	(NA)	(NA)	23	305	67	1 845
Cropland in cultivated summer fallow	59	1 853	(NA)	(NA)	54	1 771	97	3 575
Cropland idle	326	10 831	(NA)	(NA)	287	9 876	195	7 903
Total woodland	609	20 656	636	23 604	515	18 411	492	19 178
Woodland pastured	147	3 705	(NA)	(NA)	122	3 404	174	6 040
Woodland not pastured	514	16 951	(NA)	(NA)	434	15 007	395	13 138
Other land	840	23 764	944	26 816	700	21 586	739	23 153
Pastureland and rangeland, other than cropland and woodland pastured	127	4 483	(NA)	(NA)	108	4 142	144	4 745
Land in house lots, ponds, roads, wasteland, etc	815	19 281	(NA)	(NA)	676	17 444	720	18 408
Pastureland, all types	507	19 044	(NA)	(NA)	416	17 300	(NA)	23 262
Irrigated land	180	40 366	53	7 540	178	(D)	52	(D)
Harvested cropland irrigated	179	40 269	(NA)	(NA)	177	(D)	52	(D)
Pastureland irrigated	3	(D)	(NA)	(NA)	3	(D)	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	3	(D)	–	–
Land set aside in the federal farm programs in 1978	273	7 367	(X)	(X)	256	7 259	(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]	1 083	40 735	1 169	25 683	891	40 470	910	25 352
Average per farm, dollars	(X)	37 613	(X)	21 970	(X)	45 421	(X)	27 859
Farms by value of agricultural products sold:[1]								
$100,000 or more	92	22 270	54	(NA)	92	22 270	54	(NA)
$40,000 to $99,999	152	9 664	128	(NA)	152	9 664	128	(NA)
$20,000 to $39,999	148	4 249	135	(NA)	148	4 249	135	(NA)
$10,000 to $19,999	172	2 494	208	(NA)	172	2 494	208	(NA)
$5,000 to $9,999	175	1 238	206	(NA)	175	1 238	206	(NA)
$2,500 to $4,999	152	556	165	(NA)	152	556	165	(NA)
Less than $2,500 (see text)	191	(D)	272	(NA)	(X)	(X)	14	(NA)
$2,000 to $2,499	37	80	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	36	63	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	43	53	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	75	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	864	24 416	996	12 623	742	24 263	(NA)	12 393
Grains	792	19 132	(NA)	(NA)	700	19 020	766	10 541
Commodity Credit Corporation loans	107	1 759	(NA)	(NA)	103	1 756	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	237	862	(NA)	(NA)	203	826	251	712
Vegetables, sweet corn, and melons	35	(D)	(NA)	(NA)	30	(D)	24	142
Fruits, nuts, and berries	15	128	(NA)	(NA)	11	126	12	151
Nursery and greenhouse products	12	549	12	513	10	(D)	12	513
Other crops	7	(D)	(NA)	(NA)	6	(D)	35	334
Livestock, poultry, and their products	636	16 318	676	13 022	556	16 207	564	12 921
Poultry and poultry products	71	1 329	82	1 331	65	1 328	73	1 330
Dairy products	144	5 204	(NA)	(NA)	143	(D)	159	4 394
Cattle and calves	386	4 142	(NA)	(NA)	346	4 080	401	3 185
Hogs and pigs	338	5 370	(NA)	(NA)	315	5 344	282	3 850
Sheep, lambs, and wool	58	158	(NA)	(NA)	51	148	73	91
Other livestock and livestock products (see text)	66	115	(NA)	(NA)	51	(D)	40	72

[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	1 083	1 169	223 042	1 008	219 984	150 012	180	85 395	67 333	40 366
Farms with—										
1 to 9 acres	38	18	152	15	89	60	2	(D)	(D)	(D)
10 to 49 acres	202	188	5 548	169	4 821	2 710	8	223	118	104
50 to 69 acres	82	81	4 852	74	4 362	2 529	2	(D)	(D)	(D)
70 to 99 acres	136	176	11 260	133	11 026	6 397	10	824	581	486
100 to 139 acres	143	184	16 519	139	16 010	9 376	9	1 056	795	672
140 to 179 acres	97	127	15 534	97	15 534	8 834	7	1 167	913	640
180 to 219 acres	70	80	13 742	69	13 544	7 645	8	1 541	1 156	813
220 to 259 acres	52	57	12 293	51	12 034	7 624	18	4 357	3 267	2 165
260 to 499 acres	155	159	55 093	153	54 515	37 704	50	18 220	14 572	8 289
500 to 999 acres	91	84	60 685	91	60 685	45 766	54	36 746	28 453	15 327
1,000 to 1,999 acres	13	15	16 897	13	16 897	12 688	9	12 697	9 763	6 237
2,000 acres or more	4	–	10 467	4	10 467	8 679	3	8 435	7 630	5 565

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	1 083	223 042	1 169	226 013	891	212 454	910	208 032
Harvested cropland	1 008	150 012	1 106	141 328	844	146 481	888	136 335
Tenure of operator:								
Full owners	682	88 701	798	104 067	515	80 078	560	88 515
Harvested cropland	614	50 835	(NA)	56 666	472	48 101	(NA)	52 304
Part owners	325	123 882	298	108 975	310	122 163	283	106 968
Harvested cropland	323	91 272	(NA)	76 573	309	90 635	(NA)	76 168
Tenants	76	10 459	73	12 971	66	10 213	67	12 549
Harvested cropland	71	7 905	(NA)	8 089	63	7 745	(NA)	7 863
Type of organization:								
Individual or family	967	171 292	(NA)	(NA)	783	161 772	843	178 457
Partnership	104	43 956	(NA)	(NA)	97	43 613	63	26 819
Corporation	9	(D)	(NA)	(NA)	9	(D)	3	(D)
Other—cooperative, estate or trust, institutional, etc.	3	(D)	(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	543	661	505	591
Other	540	503	386	315
Operators by age group:				
Under 25 years	26	39	20	32
25 to 34 years	180	157	153	118
35 to 44 years	248	208	214	156
45 to 54 years	266	304	215	236
55 to 64 years	224	286	186	238
65 years and over	139	170	103	126
Average age	48.0	49.8	47.5	49.9

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	855	869	710	690
Not on farm operated	134	131	101	94
Not reported	94	164	80	122
Operators reporting days of work off farm:				
None	361	324	328	292
1 to 49 days	101	74	87	55
50 to 99 days	23	34	17	30
100 to 149 days	30	43	26	35
150 to 199 days	77	42	63	28
200 days or more	445	436	329	286

[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	2 561	441	1 876	375	2 525	315	1 809
Feed for livestock and poultry	597	4 172	660	3 440	529	4 135	505	3 373
Commercially mixed formula feeds	325	2 699	490	2 244	287	2 686	400	2 222
Animal health costs	520	256	(NA)	(NA)	470	251	385	168
Seeds, bulbs, plants, and trees	870	1 352	977	918	813	1 341	817	895
Commercial fertilizer	870	4 187	940	2 877	771	4 142	779	2 824
Other agricultural chemicals including lime	858	1 394	651	684	770	1 374	579	674
Hired farm labor	285	1 722	301	787	257	1 692	259	774
Contract labor	35	161	29	41	35	161	22	40
Customwork, machine hire, and rental of machinery and equipment	554	650	515	389	468	625	436	374
Energy and petroleum products	1 061	2 541	(NA)	(NA)	886	2 499	(NA)	(NA)
Petroleum products	1 061	1 936	1 130	1 223	886	1 902	895	1 173
Gasoline	1 034	786	(NA)	(NA)	859	759	845	698
Diesel fuel	519	654	(NA)	(NA)	501	651	405	250
LP gas, butane, and propane	268	301	(NA)	(NA)	263	300	189	134
Fuel oil	89	27	(NA)	(NA)	89	27		
Natural gas	8	31	(NA)	(NA)	8	31	892	91
Kerosene, motor oil, and grease	1 061	137	(NA)	(NA)	886	133		
Electricity	673	589	(NA)	(NA)	617	583	(NA)	(NA)
Other—coal, wood, coke, etc.	41	17	(NA)	(NA)	29	14	(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	857	126 622	761	124 651	779	101 615
Cropland fertilized, except pasture	852	125 194	756	123 341	(NA)	100 910
Pasture and rangeland fertilized	54	1 428	46	1 310	(NA)	705
Lime	205	10 577	199	10 536	168	10 105
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	426	43 624	407	43 064	(NA)	16 962
Nematodes in crops	68	15 262	63	15 252	2	(D)
Diseases in crops and orchards	52	5 846	37	5 686	13	520
Weeds, grass, or brush in crops and pasture	633	87 714	574	86 810	(NA)	57 028
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	20	233	10	123	5	232
Insect control on livestock and poultry	208	(X)	181	(X)	49	(X)
Sanitation and rodent and bird control	121	(X)	116	(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	1 070	1 140	886	885
$1,000	34 041	22 692	32 538	20 494
Average per farm—dollars	31 814	19 905	36 725	23 157
Farms by value group:				
$1 to $4,999	137	188	81	117
$5,000 to $9,999	266	255	184	153
$10,000 to $19,999	202	282	163	215

	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	145	185	145	173
$30,000 to $49,999	130	145	129	143
$50,000 to $69,999	51	47	45	47
$70,000 to $99,999	64		64	
$100,000 to $199,999	54	38	54	37
$200,000 or more	21		21	

	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	841	1 199	448	487	512	712	947	1 216	719
Motortrucks including pickups	882	1 140	405	445	594	695	937	1 253	534
Wheel tractors	946	2 404	168	250	934	2 154	1 038	2 376	384
Grain and bean combines, self-propelled only	273	284	88	94	188	190	253	269	59
Corn heads for combines	251	274	88	99	164	175	180	186	57
Other cornpickers and picker-shellers	320	347	53	55	274	292	441	462	92
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	230	238	57	57	179	181	232	237	67
Pickup balers	308	318	39	40	277	278	360	363	57
Field forage harvesters, shear bar or flywheel type	80	94	13	16	68	78	127	138	32

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	285	99	(X)	239	(X)	257	259
Workers	1 516	(X)	197	(X)	1 319	1 471	1 508
Farms with—							
1 worker	93	59	59	77	77	75	93
2 workers	39	23	46	32	64	36	37
3 or 4 workers	93	10	33	76	253	86	49
5 to 9 workers	39	5	(D)	42	254	39	48
10 workers or more	21	2	(D)	12	671	21	32

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		704	(X)	737	(X)	583	(X)	578	(X)
Any cattle, hogs, or sheep		598	(X)	660	(X)	513	(X)	533	(X)
Sales:									
Any livestock or poultry and their products	$1,000	636	16 318	676	13 022	556	16 207	564	12 921
Any cattle, hogs, or sheep	$1,000	587	9 670	622	(NA)	521	9 572	539	7 126
CATTLE AND CALVES									
Inventory:									
Cattle and calves		423	18 593	537	22 062	360	17 915	431	20 929
Cows and heifers that had calved		306	7 065	396	8 469	270	6 772	317	7 983
Beef cows		164	2 229	232	2 968	134	1 958	167	2 544
Milk cows		170	4 836	210	5 501	162	4 814	186	5 439
Heifers and heifer calves		320	5 432	(NA)	(NA)	279	5 248	275	5 622
Steers, steer calves, bulls and bull calves		370	6 096	(NA)	(NA)	315	5 895	362	7 324
Sales:									
Cattle and calves		386	9 951	462	10 023	346	9 742	401	9 676
	$1,000	(X)	4 142	(X)	(NA)	(X)	4 080	(X)	3 185
Calves		163	2 344	(NA)	(NA)	151	2 275	165	2 078
	$1,000	(X)	358	(X)	(NA)	(X)	351	(X)	215
Cattle		352	7 607	(NA)	(NA)	317	7 467	342	7 598
	$1,000	(X)	3 783	(X)	(NA)	(X)	3 729	(X)	2 970
Fattened cattle		186	4 335	(NA)	(NA)	168	4 257	155	3 674
	$1,000	(X)	2 153	(X)	(NA)	(X)	2 123	(X)	1 448
Dairy products	$1,000	144	5 204	(NA)	(NA)	143	(D)	159	4 394
HOGS, SHEEP, GOATS, AND HORSES									
Inventory:									
Hogs and pigs		332	44 527	291	29 143	304	44 270	259	28 838
Used or to be used for breeding		261	8 547	(NA)	(NA)	247	8 457	198	4 732
Other hogs and pigs		297	35 980	(NA)	(NA)	275	35 813	237	24 106
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30		276	9 153	234	6 967	260	9 100	218	6 923
Dec. 1 of preceding year and May 31		217	4 032	194	3 456	206	4 007	182	3 426
June 1 and Nov. 30		252	5 121	192	3 511	239	5 093	183	3 497
Sheep and lambs		54	2 271	94	4 601	47	2 006	74	3 953
Ewes 1 year old or older		50	1 438	(NA)	(NA)	43	1 258	67	2 414
Goats		12	53	(NA)	(NA)	9	38	1	(D)
Horses and ponies		238	1 265	236	1 226	184	978	161	874
Sales:									
Hogs and pigs		338	62 583	300	55 405	315	62 282	282	55 057
	$1,000	(X)	5 370	(X)	(NA)	(X)	5 344	(X)	3 850
Feeder pigs		101	16 602	67	9 280	94	16 484	61	9 165
	$1,000	(X)	702	(X)	(NA)	(X)	698	(X)	189
Sheep and lambs		54	2 422	85	3 348	48	2 242	72	2 955
Sheep and lambs shorn		51	1 973	(NA)	(NA)	45	1 736	64	2 788
Pounds of wool		(X)	17 080	(X)	(NA)	(X)	14 734	(X)	24 543
Sheep, lambs, and wool	$1,000	58	158	(NA)	(NA)	51	148	73	91
Goats		3	9	(NA)	(NA)	2	(D)	1	(D)
	$1,000	(X)	(Z)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies		53	124	50	132	41	104	32	96
	$1,000	(X)	106	(X)	(NA)	(X)	94	(X)	71
POULTRY									
Inventory:									
Any poultry		157	(X)	192	(X)	130	(X)	131	(X)
Chickens 3 months old or older		134	164 788	177	187 720	112	164 161	117	185 919
Hens and pullets of laying age		131	(D)	168	144 869	110	(D)	114	143 404
Pullets 3 months old or older		13	(D)	(NA)	(NA)	8	(D)	6	41 888
Pullet chicks and pullets under 3 months old		2	(D)	(NA)	(NA)	2	(D)	4	11 260
Broilers and other meat-type chickens				35	3 484	35	7 884	33	(D)
Turkeys		12	77	(NA)	(NA)	9	68	8	115
Turkeys for slaughter		10	67	(NA)	(NA)	8	(D)	8	115
Turkey hens kept for breeding		6	10	(NA)	(NA)	5	(D)	–	–
Other poultry		34	(X)	(NA)	(X)	30	(X)	15	(X)
Sales:									
Any poultry		60	(X)	64	(X)	57	(X)	61	(X)
Chickens 3 months old or older		26	99 801	45	184 480	26	99 801	43	(D)
Hens and pullets of laying age		24	(D)	39	97 042	24	(D)	37	(D)
Pullets 3 months old or older		2	(D)	(NA)	(NA)	2	(D)	5	87 338
Pullet chicks and pullets under 3 months old		–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens		22	(D)	19	3 292	21	(D)	18	(D)
Turkeys		2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter		2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkey hens kept for breeding		–	–	(NA)	(NA)	–	–	–	–
Other poultry		9	(X)	(NA)	(X)	9	(X)	4	(X)
Poultry and poultry products	$1,000	71	1 329	82	1 331	65	1 328	73	1 330

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	845	87 313	(X)	161	32 334	752	85 942	(X)	161	32 334
	1974	894	69 644	(X)	(NA)	(NA)	756	67 708	(X)	39	6 125
For grain or seed (bushels)	1978	837	84 038	7 771 003	161	31 956	746	82 721	7 698 783	161	31 956
	1974	874	62 998	3 280 954	(NA)	(NA)	743	61 164	3 219 532	38	5 920
For silage or green chop (tons, green)	1978	137	(D)	45 821	14	378	130	(D)	45 481	14	378
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	156	6 067	59 331	3	205
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	23	477	(X)	–	–
Sorghums for all purposes	1978	25	416	(X)	2	(D)	24	(D)	(X)	2	(D)
	1974	17	706	(X)	(NA)	(NA)	17	706	(X)	–	–
For grain or seed (bushels)	1978	14	275	18 119	1	(D)	14	275	18 119	1	(D)
	1974	13	556	21 231	(NA)	(NA)	13	556	21 231	–	–
For silage or green chop (tons, green)	1978	10	(D)	1 875	1	(D)	9	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	670	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	287	9 548	297 687	3	128	281	9 432	295 022	3	128
	1974	569	20 501	685 751	(NA)	(NA)	514	19 854	671 963	–	–
Oats for grain (bushels)	1978	135	2 437	109 879	1	(D)	130	2 393	108 779	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	170	2 693	105 329	2	(D)
Barley for grain (bushels)	1978	3	16	565	–	–	3	16	565	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	102	3 976	–	–
Rye for grain (bushels)	1978	20	419	10 231	1	(D)	20	419	10 231	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	32	541	11 024	–	–
Other small grains for grain	1978	4	54	(X)	–	–	4	54	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	119	(X)	–	–
Soybeans for beans (bushels)	1978	440	26 930	636 037	59	3 694	406	26 507	629 289	58	(D)
	1974	474	24 008	389 992	(NA)	(NA)	432	23 384	382 897	9	550
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	8	1 100	2	(D)	3	(D)	(D)	2	(D)
	1974	11	9	1 503	(NA)	(NA)	9	(D)	(D)	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	533	20 482	52 234	22	1 069	446	18 887	49 633	22	1 069
	1974	584	20 335	46 878	(NA)	(NA)	490	18 854	44 161	8	475
Alfalfa hay (tons, dry)	1978	478	16 566	45 152	21	655	400	15 224	42 811	21	655
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	430	14 531	36 149	7	260
Other tame dry hay (tons, dry) (see text)	1978	85	1 613	2 297	–	–	74	1 416	2 083	–	–
Field seed crops	1978	20	363	(X)	–	–	19	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	49	839	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Red clover seed (pounds)	1978	20	363	36 229	–	–	19	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	46	800	71 720	–	–
All vegetables harvested for sale (see text)	1978	35	2 456	(X)	12	2 008	30	2 446	(X)	11	(D)
	1974	35	457	(X)	(NA)	(NA)	26	442	(X)	5	107
Sweet corn	1978	14	78	(X)	6	47	12	(D)	(X)	5	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	76	(X)	3	17
Tomatoes	1978	9	4	(X)	5	2	8	(D)	(X)	5	2
	1974	(NA)	(NA)	(X)	(NA)	(NA)	8	12	(X)	4	5
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	13	299	(X)	2	(D)	9	255	(X)	2	(D)
	1974	11	249	(X)	(NA)	(NA)	8	246	(X)	–	–
Apples (pounds)	1978	12	242	1 540 004	(NA)	(NA)	8	212	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	185	(NA)	(NA)	(NA)
Peaches (pounds)	1978	2	(D)	–	(NA)	(NA)	2	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	3	2	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	25	102 000	(NA)	(NA)
Berries	1978	11	32	(X)	7	27	9	(D)	(X)	7	27
	1974	11	27	(X)	(NA)	(NA)	8	23	(X)	4	18
Strawberries (pounds)	1978	9	23	120 065	6	21	7	(D)	(D)	6	21
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	7	19	121 107	4	18
Nursery and greenhouse products	1978	12	271	(X)	3	180	10	(D)	(X)	3	180
Other crops	1978	20	1 411	(X)	(NA)	(NA)	20	1 411	(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	1 969	447 673	2 300	421 441	1 659	428 463	1 880	396 265
Average size of farm	(X)	227	(X)	183	(X)	258	(X)	211
Approximate land area	(X)	615 040	(X)	615 040	(X)	615 040	(X)	615 040
Proportion in farms — percent	(X)	72.8	(X)	68.5	(X)	69.7	(X)	64.4
Value of land and buildings:[1]								
Average per farm — dollars	212 156	(X)	95 753	(X)	239 116	(X)	109 521	(X)
Average per acre — dollars	(X)	931	(X)	523	(X)	929	(X)	520
Land in farms according to use:								
Total cropland	1 934	388 190	2 266	356 680	1 636	374 434	1 862	338 186
Harvested cropland	1 899	324 981	2 208	288 463	1 614	318 514	1 848	280 669
By acres harvested:								
1 to 9 acres	56	317	79	(NA)	17	81	11	(NA)
10 to 19 acres	105	1 516	137	(NA)	22	315	37	(NA)
20 to 29 acres	147	3 387	152	(NA)	57	1 339	67	(NA)
30 to 49 acres	220	8 373	339	(NA)	161	6 236	240	(NA)
50 to 99 acres	370	26 806	551	(NA)	356	25 961	543	(NA)
100 to 199 acres	466	66 532	492	(NA)	466	66 532	492	(NA)
200 to 499 acres	416	124 958	402	(NA)	416	124 958	402	(NA)
500 to 999 acres	104	70 729	50	(NA)	104	70 729	50	(NA)
1,000 acres or more	15	22 363	6	(NA)	15	22 363	6	(NA)
Cropland used only for pasture	670	23 821	1 002	37 995	588	21 857	806	31 885
Other cropland	1 011	39 388	931	30 222	854	34 063	752	25 632
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	244	6 875	(NA)	(NA)	202	5 835	173	4 744
Cropland on which all crops failed	146	4 597	(NA)	(NA)	134	4 369	96	1 642
Cropland in cultivated summer fallow	469	13 989	(NA)	(NA)	381	11 995	427	9 920
Cropland idle	504	13 927	(NA)	(NA)	418	11 864	292	9 326
Total woodland	940	28 284	994	26 750	821	25 495	847	24 115
Woodland pastured	232	8 222	(NA)	(NA)	214	7 980	295	7 086
Woodland not pastured	787	20 062	(NA)	(NA)	683	17 515	651	17 029
Other land	1 472	31 199	1 840	38 011	1 256	28 534	1 510	33 964
Pastureland and rangeland, other than cropland and woodland pastured	161	6 233	(NA)	(NA)	137	5 828	225	7 983
Land in house lots, ponds, roads, wasteland, etc	1 444	24 966	(NA)	(NA)	1 229	22 706	1 477	25 981
Pastureland, all types	861	38 276	(NA)	(NA)	754	35 665	(NA)	46 954
Irrigated land	19	938	24	1 361	15	899	21	1 321
Harvested cropland irrigated	17	(D)	(NA)	(NA)	14	(D)	19	962
Pastureland irrigated	2	(D)	(NA)	(NA)	1	(D)	(NA)	40
Other land irrigated	–	–	(NA)	(NA)	–	–	3	319
Land set aside in the federal farm programs in 1978	390	8 941	(X)	(X)	370	8 768	(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]	1 969	72 581	2 300	59 994	1 659	72 195	1 880	59 479
Average per farm — dollars	(X)	36 862	(X)	26 084	(X)	43 517	(X)	31 638
Farms by value of agricultural products sold:[1]								
$100,000 or more	188	32 646	117	(NA)	188	32 646	117	(NA)
$40,000 to $99,999	385	24 827	382	(NA)	385	24 827	382	(NA)
$20,000 to $39,999	261	7 495	340	(NA)	261	7 495	340	(NA)
$10,000 to $19,999	306	4 366	374	(NA)	306	4 366	374	(NA)
$5,000 to $9,999	292	2 047	365	(NA)	292	2 047	365	(NA)
$2,500 to $4,999	227	814	283	(NA)	227	814	283	(NA)
Less than $2,500 (see text)	309	(D)	438	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	52	117	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	62	106	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	88	110	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	107	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	1 558	26 803	1 944	25 658	1 333	26 525	(NA)	25 323
Grains	1 369	18 672	(NA)	(NA)	1 214	18 483	1 533	16 958
Commodity Credit Corporation loans	107	1 039	(NA)	(NA)	103	1 038	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	553	2 570	(NA)	(NA)	482	2 495	648	2 126
Vegetables, sweet corn, and melons	79	1 176	(NA)	(NA)	72	1 174	77	1 400
Fruits, nuts, and berries	25	205	(NA)	(NA)	16	(D)	22	(D)
Nursery and greenhouse products	20	1 179	19	1 018	17	1 174	18	(D)
Other crops	101	3 001	(NA)	(NA)	99	(D)	101	3 629
Livestock, poultry, and their products	1 090	45 778	1 447	34 307	989	45 670	1 244	34 128
Poultry and poultry products	59	292	91	295	44	286	62	288
Dairy products	596	35 348	(NA)	(NA)	593	35 343	754	26 662
Cattle and calves	972	8 641	(NA)	(NA)	898	8 562	1 166	6 299
Hogs and pigs	158	1 356	(NA)	(NA)	142	1 348	109	750
Sheep, lambs, and wool	20	18	(NA)	(NA)	14	16	25	37
Other livestock and livestock products (see text)	59	123	(NA)	(NA)	48	115	36	92

[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	1 969	2 300	447 673	1 899	445 009	324 981	19	6 284	4 040	938
Farms with—										
1 to 9 acres	32	24	103	8	39	30	–	–	–	–
10 to 49 acres	280	303	9 065	247	8 200	5 409	5	142	62	30
50 to 69 acres	87	134	5 097	84	4 901	3 130	1	(D)	(D)	(D)
70 to 99 acres	231	374	18 702	227	18 363	10 963	1	(D)	(D)	(D)
100 to 139 acres	233	352	27 574	231	27 334	17 499	–	–	–	–
140 to 179 acres	215	258	33 907	213	33 611	21 103	1	(D)	–	(D)
180 to 219 acres	172	187	33 643	172	33 643	22 393	3	576	193	63
220 to 259 acres	155	150	36 962	154	36 738	25 852	1	(D)	(D)	(D)
260 to 499 acres	367	403	127 641	366	127 201	95 576	3	974	770	12
500 to 999 acres	157	102	101 915	157	101 915	80 498	2	(D)	(D)	(D)
1,000 to 1,999 acres	37	12	45 613	37	45 613	36 093	2	(D)	(D)	(D)
2,000 acres or more	3	1	7 451	3	7 451	6 435	–	–	–	–

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	1 969	447 673	2 300	421 441	1 659	428 463	1 880	396 265
Harvested cropland	1 899	324 981	2 208	288 463	1 614	318 514	1 848	280 669
Tenure of operator:								
Full owners	1 069	147 411	1 489	192 156	808	130 817	1 117	169 926
Harvested cropland	1 004	92 513	(NA)	114 933	766	87 364	(NA)	108 135
Part owners	743	277 713	710	216 140	722	276 237	679	213 972
Harvested cropland	742	215 710	(NA)	163 296	721	215 170	(NA)	162 570
Tenants	157	22 549	101	13 145	129	21 409	84	12 367
Harvested cropland	153	16 758	(NA)	10 234	127	15 980	(NA)	9 964
Type of organization:								
Individual or family	1 742	360 555	(NA)	(NA)	1 448	342 648	1 712	336 663
Partnership	211	77 238	(NA)	(NA)	197	76 046	160	58 056
Corporation	14	(D)	(NA)	(NA)	13	(D)	6	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	1	(D)	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	1 291	1 521	1 213	1 406
Other	678	770	446	466
Operators by age group:				
Under 25 years	80	59	74	48
25 to 34 years	266	258	226	208
35 to 44 years	403	422	347	334
45 to 54 years	494	546	417	457
55 to 64 years	441	605	384	516
65 years and over	285	401	211	309
Average age	49.0	51.3	48.5	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	1 593	1 744	1 386	1 476
Not on farm operated	224	206	157	135
Not reported	152	341	116	261
Operators reporting days of work off farm:				
None	942	936	863	852
1 to 49 days	142	124	130	104
50 to 99 days	74	62	69	43
100 to 149 days	61	80	52	64
150 to 199 days	112	79	88	60
200 days or more	549	665	375	432

[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	585	3 571	680	2 407	498	3 514	533	2 355
Feed for livestock and poultry	1 002	6 368	1 224	4 935	937	6 342	1 020	4 860
Commercially mixed formula feeds	646	3 782	773	2 459	644	(D)	656	2 424
Animal health costs	943	759	(NA)	(NA)	895	756	876	486
Seeds, bulbs, plants, and trees	1 572	3 279	1 674	1 830	1 421	3 252	1 491	1 807
Commercial fertilizer	1 710	8 776	1 959	6 294	1 507	8 674	1 691	6 214
Other agricultural chemicals including lime	1 549	2 251	1 181	983	1 374	2 209	1 104	974
Hired farm labor	754	3 536	601	1 779	722	3 520	555	1 763
Contract labor	81	203	70	85	81	203	56	84
Customwork, machine hire, and rental of machinery and equipment	894	1 212	1 134	970	806	1 173	993	945
Energy and petroleum products	1 963	5 429	(NA)	(NA)	1 661	5 281	(NA)	(NA)
Petroleum products	1 963	3 930	2 219	2 655	1 661	3 803	1 811	2 544
Gasoline	1 860	1 750	(NA)	(NA)	1 576	1 666	1 750	1 486
Diesel fuel	1 265	1 574	(NA)	(NA)	1 187	1 558	1 010	719
LP gas, butane, and propane	203	236	(NA)	(NA)	191	225	180	121
Fuel oil	161	60	(NA)	(NA)	161	60		
Natural gas	31	33	(NA)	(NA)	31	33	1 804	218
Kerosene, motor oil, and grease	1 963	278	(NA)	(NA)	1 661	261		
Electricity	1 475	1 481	(NA)	(NA)	1 332	1 461	(NA)	(NA)
Other—coal, wood, coke, etc.	47	17	(NA)	(NA)	47	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	1 671	284 263	1 475	280 868	1 691	202 884
Cropland fertilized, except pasture	1 670	281 119	1 474	277 754	(NA)	201 444
Pasture and rangeland fertilized	85	3 144	79	3 114	(NA)	1 440
Lime	119	4 549	99	4 384	56	2 634
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	418	41 583	372	41 091	(NA)	19 687
Nematodes in crops	65	3 095	53	3 071	7	135
Diseases in crops and orchards	94	5 739	74	5 485	14	1 227
Weeds, grass, or brush in crops and pasture	1 232	191 574	1 124	189 421	(NA)	101 497
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	15	338	14	(D)	9	358
Insect control on livestock and poultry	467	(X)	443	(X)	155	(X)
Sanitation and rodent and bird control	247	(X)	229	(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	1 969	2 216	1 661	1 801
$1,000	90 626	56 561	86 576	53 028
Average per farm—dollars	46 026	25 524	52 123	29 444
Farms by value group:				
$1 to $4,999	71	268	33	133
$5,000 to $9,999	334	391	169	247
$10,000 to $19,999	372	477	311	371

ALL MACHINERY AND EQUIPMENT—Con.	All farms		Farms with sales of $2,500 or more	
	1978	1974	1978	1974
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	215	377	214	357
$30,000 to $49,999	300	413	282	403
$50,000 to $69,999	209	167	190	167
$70,000 to $99,999	209	123	203	123
$100,000 to $199,999	210		210	
$200,000 or more	49		49	

	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	1 614	2 196	1 145	1 404	655	792	1 936	2 481	1 586
Motortrucks including pickups	1 625	2 261	897	1 055	956	1 206	1 725	2 298	1 045
Wheel tractors	1 879	5 694	766	1 259	1 738	4 435	2 102	5 510	1 143
Grain and bean combines, self-propelled only	969	1 031	229	232	753	799	698	724	149
Corn heads for combines	346	360	156	157	190	203	168	173	88
Other cornpickers and picker-shellers	757	816	138	150	625	666	770	795	204
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	947	964	308	315	643	649	745	763	234
Pickup balers	1 095	1 133	274	278	839	855	1 116	1 123	268
Field forage harvesters, shear bar or flywheel type	713	827	241	260	513	567	633	757	255

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	754	349	(X)	581	(X)	722	555
Workers	2 654	(X)	674	(X)	1 980	2 575	2 216
Farms with—							
1 worker	258	168	168	252	252	247	232
2 workers	168	107	214	123	246	168	106
3 or 4 workers	215	60	207	131	427	194	106
5 to 9 workers	76	13	(D)	49	314	76	76
10 workers or more	37	1	(D)	26	741	37	35

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	1 172	(X)	1 508	(X)	1 028	(X)	1 254	(X)
Any cattle, hogs, or sheep	1 077	(X)	1 419	(X)	967	(X)	1 201	(X)
Sales:								
Any livestock or poultry and their products $1,000	1 090	45 778	1 447	34 307	989	45 670	1 244	34 128
Any cattle, hogs, or sheep $1,000	1 049	10 015	1 401	(NA)	960	9 926	1 218	7 086
CATTLE AND CALVES								
Inventory:								
Cattle and calves	1 006	69 112	1 359	79 450	909	68 118	1 157	76 687
Cows and heifers that had calved	790	33 010	1 120	37 333	735	32 594	978	36 284
Beef cows	226	2 872	383	4 873	180	2 504	268	3 963
Milk cows	622	30 138	824	32 460	609	30 090	783	32 321
Heifers and heifer calves	843	24 331	(NA)	(NA)	774	24 046	872	24 255
Steers, steer calves, bulls and bull calves	769	11 771	(NA)	(NA)	697	11 478	866	16 148
Sales:								
Cattle and calves	972	27 958	1 338	29 261	898	27 562	1 166	28 428
$1,000	(X)	8 641	(X)	(NA)	(X)	8 562	(X)	6 299
Calves	641	12 138	(NA)	(NA)	603	11 885	752	11 592
$1,000	(X)	1 050	(X)	(NA)	(X)	1 022	(X)	619
Cattle	850	15 820	(NA)	(NA)	799	15 677	1 042	16 836
$1,000	(X)	7 591	(X)	(NA)	(X)	7 540	(X)	5 680
Fattened cattle	262	6 953	(NA)	(NA)	245	6 914	265	5 852
$1,000	(X)	3 294	(X)	(NA)	(X)	3 277	(X)	2 303
Dairy products $1,000	596	35 348	(NA)	(NA)	593	35 343	754	26 662
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	180	11 032	192	6 990	153	10 842	138	6 575
Used or to be used for breeding	119	2 207	(NA)	(NA)	105	2 144	69	863
Other hogs and pigs	167	8 825	(NA)	(NA)	145	8 698	127	5 712
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	122	2 155	96	1 331	108	2 122	75	1 277
Dec. 1 of preceding year and May 31	95	940	66	626	86	928	57	604
June 1 and Nov. 30	109	1 215	86	705	99	1 194	68	673
Sheep and lambs	25	509	41	1 567	19	396	28	1 382
Ewes 1 year old or older	22	348	(NA)	(NA)	16	283	25	768
Goats	8	64	(NA)	(NA)	5	21	5	22
Horses and ponies	216	749	276	898	170	579	183	612
Sales:								
Hogs and pigs	158	16 218	135	12 709	142	16 065	109	12 471
$1,000	(X)	1 356	(X)	(NA)	(X)	1 348	(X)	750
Feeder pigs	69	5 427	36	3 778	63	5 335	30	3 682
$1,000	(X)	230	(X)	(NA)	(X)	226	(X)	79
Sheep and lambs	18	269	29	1 053	13	228	23	970
Sheep and lambs shorn	19	444	(NA)	(NA)	13	369	20	942
Pounds of wool	(X)	4 033	(X)	(NA)	(X)	3 307	(X)	10 057
Sheep, lambs, and wool $1,000	20	18	(NA)	(NA)	14	16	25	37
Goats	4	36	(NA)	(NA)	3	(D)	1	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	33	65	32	112	28	55	24	93
$1,000	(X)	43	(X)	(NA)	(X)	40	(X)	27
POULTRY								
Inventory:								
Any poultry	152	(X)	237	(X)	112	(X)	180	(X)
Chickens 3 months old or older	132	49 592	218	50 028	95	48 385	165	46 735
Hens and pullets of laying age	129	(D)	208	29 253	93	(D)	158	26 869
Pullets 3 months old or older	18	(D)	(NA)	(NA)	12	(D)	16	19 215
Pullet chicks and pullets under 3 months old	3	100	(NA)	(NA)	2	(D)	8	316
Broilers and other meat-type chickens	31	1 462	40	3 988	28	1 422	32	3 487
Turkeys	14	225	(NA)	(NA)	11	122	5	23
Turkeys for slaughter	11	182	(NA)	(NA)	9	(D)	3	9
Turkey hens kept for breeding	9	43	(NA)	(NA)	7	(D)	5	14
Other poultry	33	(X)	(NA)	(X)	22	(X)	19	(X)
Sales:								
Any poultry	41	(X)	67	(X)	30	(X)	47	(X)
Chickens 3 months old or older	20	29 590	48	117 392	17	29 390	33	116 647
Hens and pullets of laying age	17	(D)	42	81 838	15	(D)	27	(D)
Pullets 3 months old or older	4	(D)	(NA)	(NA)	3	(D)	1	(D)
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	1	(D)	17	2 728	1	(D)	12	2 164
Turkeys	9	274	(NA)	(NA)	4	67	–	–
Turkeys for slaughter	9	274	(NA)	(NA)	4	67	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	11	(X)	(NA)	(X)	4	(X)	4	(X)
Poultry and poultry products $1,000	59	292	91	295	44	286	62	288

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	1 291	113 640	(X)	2	(D)	1 221	112 828	(X)	2	(D)
	1974	1 410	89 006	(X)	(NA)	(NA)	1 294	87 976	(X)	3	115
For grain or seed (bushels)	1978	1 171	81 643	5 707 565	2	(D)	1 111	81 000	5 673 382	2	(D)
	1974	1 207	56 118	3 846 814	(NA)	(NA)	1 125	55 457	3 813 116	1	(D)
For silage or green chop (tons, green)	1978	669	(D)	314 614	–	–	657	31 828	313 891	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	814	31 916	338 250	2	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	37	603	(X)	–	–
Sorghums for all purposes	1978	22	266	(X)	–	–	21	(D)	(X)	–	–
	1974	42	742	(X)	(NA)	(NA)	36	693	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	6	61	3 660	(NA)	(NA)	6	61	3 660	–	–
For silage or green chop (tons, green)	1978	22	266	2 476	–	–	21	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	34	(D)	3 356	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	405	10 166	403 809	–	–	372	9 856	395 312	–	–
	1974	1 469	41 672	1 717 266	(NA)	(NA)	1 306	39 878	1 661 326	1	(D)
Oats for grain (bushels)	1978	1 161	37 942	2 529 719	–	–	1 055	36 572	2 457 478	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 115	27 685	1 661 530	3	52
Barley for grain (bushels)	1978	27	1 185	63 631	–	–	25	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	23	563	26 506	–	–
Rye for grain (bushels)	1978	5	95	2 450	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	12	93	1 896	–	–
Other small grains for grain	1978	3	76	(X)	–	–	3	76	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	109	(X)	–	–
Soybeans for beans (bushels)	1978	397	23 700	405 734	1	(D)	375	23 361	402 053	1	(D)
	1974	191	5 997	121 861	(NA)	(NA)	182	5 940	120 993	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	9	21	4 711	3	12	7	(D)	(D)	3	12
	1974	6	8	1 984	(NA)	(NA)	5	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	1 285	82 146	196 926	2	(D)	1 128	79 482	192 620	1	(D)
	1974	1 532	77 594	180 900	(NA)	(NA)	1 323	73 871	173 996	–	–
Alfalfa hay (tons, dry)	1978	1 125	55 199	151 831	–	–	1 003	53 227	148 311	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 067	47 522	125 957	–	–
Other tame dry hay (tons, dry) (see text)	1978	175	4 645	8 367	2	(D)	146	4 268	7 814	1	(D)
Field seed crops	1978	25	431	(X)	–	–	25	431	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	76	980	(X)	–	–
Alfalfa seed (pounds)	1978	9	123	6 720	–	–	9	123	6 720	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	158	10 894	–	–
Red clover seed (pounds)	1978	14	255	20 745	–	–	14	255	20 745	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	69	797	57 934	–	–
All vegetables harvested for sale (see text)	1978	79	3 920	(X)	–	–	72	3 913	(X)	–	–
	1974	93	4 883	(X)	(NA)	(NA)	81	4 864	(X)	1	(D)
Sweet corn	1978	9	29	(X)	–	–	7	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	6	(X)	–	–
Tomatoes	1978	7	3	(X)	–	–	4	2	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	–	(X)	–	–
Green peas excluding cowpeas	1978	25	827	(X)	–	–	25	827	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	37	1 700	(X)	–	–
Land in orchards	1978	39	395	(X)	2	(D)	17	289	(X)	1	(D)
	1974	42	408	(X)	(NA)	(NA)	22	319	(X)	–	–
Apples (pounds)	1978	38	343	1 809 415	(NA)	(NA)	17	258	1 756 400	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	236	1 665 708	(NA)	(NA)
Peaches (pounds)	1978	12	22	14 014	(NA)	(NA)	7	18	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7	22 120	(NA)	(NA)
Grapes (pounds) (see text)	1978	12	5	8 106	(NA)	(NA)	5	1	170	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	8	16	(X)	3	12	6	(D)	(X)	2	(D)
	1974	11	17	(X)	(NA)	(NA)	11	17	(X)	1	(D)
Strawberries (pounds)	1978	8	15	31 172	3	11	6	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	8	18 784	1	(D)
Nursery and greenhouse products	1978	20	1 599	(X)	5	505	17	1 567	(X)	5	505
Other crops	1978	565	59 070	(X)	(NA)	(NA)	528	58 235	(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	54	14 250	43	14 499	37	11 711	27	12 464
Average size of farm	(X)	264	(X)	337	(X)	317	(X)	462
Approximate land area	(X)	755 840	(X)	755 840	(X)	755 840	(X)	755 840
Proportion in farms, percent	(X)	1.9	(X)	1.9	(X)	1.5	(X)	1.6
Value of land and buildings:[1]								
Average per farm, dollars	97 921	(X)	68 860	(X)	119 256	(X)	85 444	(X)
Average per acre, dollars	(X)	371	(X)	204	(X)	377	(X)	185
Land in farms according to use:								
Total cropland	51	7 904	43	7 667	37	6 474	27	6 761
Harvested cropland	50	4 595	40	4 567	36	3 938	27	4 110
By acres harvested:								
1 to 9 acres	4	28	2	(NA)	1	(D)	1	(NA)
10 to 19 acres	2	(D)	3	(NA)	–	–	1	(NA)
20 to 29 acres	6	137	2	(NA)	3	72	2	(NA)
30 to 49 acres	11	382	9	(NA)	8	276	1	(NA)
50 to 99 acres	13	827	11	(NA)	11	(D)	9	(NA)
100 to 199 acres	8	1 067	6	(NA)	8	1 067	6	(NA)
200 to 499 acres	5	1 612	6	(NA)	4	(D)	6	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	32	2 545	34	2 403	24	1 971	20	2 044
Other cropland	13	764	12	697	10	565	8	607
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Cropland on which all crops failed	5	570	(NA)	(NA)	4	(D)	1	(D)
Cropland in cultivated summer fallow	5	(D)	(NA)	(NA)	4	(D)	3	40
Cropland idle	7	141	(NA)	(NA)	6	(D)	4	363
Total woodland	44	4 290	35	5 393	32	3 441	24	4 403
Woodland pastured	21	2 131	(NA)	(NA)	15	1 733	20	2 234
Woodland not pastured	34	2 159	(NA)	(NA)	25	1 708	15	2 169
Other land	45	2 056	29	1 439	32	1 796	18	1 300
Pastureland and rangeland, other than cropland and woodland pastured	14	1 370	(NA)	(NA)	11	1 213	6	958
Land in house lots, ponds, roads, wasteland, etc	43	686	(NA)	(NA)	30	583	15	342
Pastureland, all types	39	6 046	(NA)	(NA)	30	4 917	(NA)	5 236
Irrigated land	1	(D)	–	–	–	–	–	–
Harvested cropland irrigated	1	(D)	(NA)	(NA)	–	–	–	–
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
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]	54	582	43	392	37	561	27	374
Average per farm, dollars	(X)	10 775	(X)	9 116	(X)	15 168	(X)	13 852
Farms by value of agricultural products sold:[1]								
$100,000 or more	–	–	–	(NA)	–	–	–	(NA)
$40,000 to $99,999	4	245	3	(NA)	4	245	3	(NA)
$20,000 to $39,999	5	125	2	(NA)	5	125	2	(NA)
$10,000 to $19,999	7	104	5	(NA)	7	104	5	(NA)
$5,000 to $9,999	6	39	5	(NA)	6	39	5	(NA)
$2,500 to $4,999	15	49	12	(NA)	15	49	12	(NA)
Less than $2,500 (see text)	17	21	16	(NA)	(X)	(X)	–	(NA)
$2,000 to $2,499	4	9	(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	7	4	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	28	114	31	164	22	108	(NA)	159
Grains	7	12	(NA)	(NA)	6	(D)	6	6
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	19	49	(NA)	(NA)	14	45	21	87
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	–	–	1	(D)
Nursery and greenhouse products	–	–	–	–	–	–	–	–
Other crops	8	(D)	(NA)	(NA)	6	(D)	4	61
Livestock, poultry, and their products	40	468	33	205	30	453	24	192
Poultry and poultry products	1	(D)	1	(D)	1	(D)	1	(D)
Dairy products	5	143	(NA)	(NA)	5	143	3	70
Cattle and calves	36	306	(NA)	(NA)	28	293	22	112
Hogs and pigs	5	7	(NA)	(NA)	4	(D)	3	(D)
Sheep, lambs, and wool	–	–	(NA)	(NA)	–	–	1	(D)
Other livestock and livestock products (see text)	4	(D)	(NA)	(NA)	2	(D)	3	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	54	43	14 250	50	14 139	4 595	1	(D)	(D)	(D)
Farms with—										
1 to 9 acres	2	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	8	6	304	5	(D)	(D)	–	–	–	–
50 to 69 acres	1	–	(D)	1	(D)	(D)	–	–	–	–
70 to 99 acres	4	6	314	4	314	110	–	–	–	–
100 to 139 acres	8	2	939	8	939	304	–	–	–	–
140 to 179 acres	5	5	780	5	780	284	–	–	–	–
180 to 219 acres	5	2	972	5	972	189	–	–	–	–
220 to 259 acres	–	3	–	–	–	–	–	–	–	–
260 to 499 acres	13	8	4 530	13	4 530	1 535	–	–	–	–
500 to 999 acres	5	8	3 040	5	3 040	797	–	–	–	–
1,000 to 1,999 acres	3	2	3 292	3	3 292	1 207	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	54	14 250	43	14 499	37	11 711	27	12 464
Harvested cropland	50	4 595	40	4 567	36	3 938	27	4 110
Tenure of operator:								
Full owners	36	(D)	22	(D)	22	4 473	13	(D)
Harvested cropland	33	(D)	(NA)	1 247	21	1 163	(NA)	984
Part owners	16	7 604	20	8 603	14	(D)	13	7 988
Harvested cropland	15	2 949	(NA)	3 313	14	(D)	(NA)	3 119
Tenants	2	(D)	1	(D)	1	(D)	1	(D)
Harvested cropland	2	(D)	(NA)	7	1	(D)	(NA)	7
Type of organization:								
Individual or family	51	13 716	(NA)	(NA)	34	11 177	27	12 464
Partnership	3	534	(NA)	(NA)	3	534	–	–
Corporation	–	–	(NA)	(NA)	–	–	–	–
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	21	18	19	15
Other	33	25	18	12
Operators by age group:				
Under 25 years	1	1	1	–
25 to 34 years	8	3	7	3
35 to 44 years	15	10	8	8
45 to 54 years	11	9	6	7
55 to 64 years	12	18	11	8
65 years and over	7	2	4	1
Average age	48.6	50.8	48.6	48.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	43	35	30	21
Not on farm operated	6	2	3	2
Not reported	5	6	4	4
Operators reporting days of work off farm:				
None	15	8	12	8
1 to 49 days	4	–	4	–
50 to 99 days	1	3	1	1
100 to 149 days	6	–	3	–
150 to 199 days	2	4	1	4
200 days or more	25	24	15	11

[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	46	13	50	15	(D)	9	50
Feed for livestock and poultry	33	81	34	39	23	77	21	35
Commercially mixed formula feeds	16	56	20	12	12	55	13	11
Animal health costs	30	6	(NA)	(NA)	25	5	15	6
Seeds, bulbs, plants, and trees	29	34	19	5	23	33	17	(D)
Commercial fertilizer	35	59	29	51	30	55	22	49
Other agricultural chemicals including lime	22	21	17	7	18	20	13	7
Hired farm labor	20	51	18	27	16	50	14	24
Contract labor	1	(D)	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment	12	4	16	2	7	2	11	2
Energy and petroleum products	54	71	(NA)	(NA)	37	65	(NA)	(NA)
Petroleum products	54	55	41	32	37	50	27	26
Gasoline	51	27	(NA)	(NA)	35	24	27	17
Diesel fuel	25	19	(NA)	(NA)	21	18	12	(D)
LP gas, butane, and propane	5	1	(NA)	(NA)	5	1	2	(D)
Fuel oil	7	3	(NA)	(NA)	7	3		
Natural gas	–	–	(NA)	(NA)	–	–	27	3
Kerosene, motor oil, and grease	54	6	(NA)	(NA)	37	5		
Electricity	42	(D)	(NA)	(NA)	33	(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	35	2 377	30	2 186	22	1 607
Cropland fertilized, except pasture	34	2 108	29	(D)	(NA)	1 399
Pasture and rangeland fertilized	8	269	6	(D)	(NA)	208
Lime	4	96	3	(D)	7	144
Sprays, dusts, granules, fumigants, etc. to control –						
Insects on hay and other crops	9	458	7	(D)	(NA)	130
Nematodes in crops	3	54	2	(D)	1	(D)
Diseases in crops and orchards	5	203	3	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	17	1 074	14	945	(NA)	275
Chemicals for –						
Defoliation or for growth control of crops or thinning of fruit	5	231	4	(D)	1	(D)
Insect control on livestock and poultry	14	(X)	12	(X)	4	(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		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	54	43	37	27
$1,000	1 216	657	1 072	544
Average per farm dollars	22 519	15 279	28 960	20 148
Farms by value group:				
$1 to $4,999	10	2	3	–
$5,000 to $9,999	19	17	11	6
$10,000 to $19,999	7	12	7	9

	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	6	6	6
$30,000 to $49,999	4	6	3	6
$50,000 to $69,999	5	–	5	–
$70,000 to $99,999	–	–	–	–
$100,000 to $199,999	1	–	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	37	59	23	26	27	33	36	51	26
Motortrucks including pickups	35	48	10	11	27	37	30	37	14
Wheel tractors	50	109	10	11	46	98	41	90	10
Grain and bean combines, self-propelled only	10	10	–	–	10	10	8	8	–
Corn heads for combines	1	(D)	–	–	1	(D)	–	–	–
Other cornpickers and picker-shellers	1	(D)	–	–	1	(D)	1	(D)	–
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	24	25	6	6	18	19	15	15	7
Pickup balers	29	32	9	10	20	22	28	31	11
Field forage harvesters, shear bar or flywheel type	13	14	6	6	7	8	8	9	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	Farms	Workers	Farms	Workers	1978	1974
Farms	20	5	(X)	18	(X)	16	14
Workers	75	(X)	(D)	(X)	66	71	37
Farms with –							
1 worker	7	4	4	7	7	3	9
2 workers	4	–	–	3	6	4	2
3 or 4 workers	4	–	–	4	(D)	4	2
5 to 9 workers	2	1	(D)	1	(D)	2	–
10 workers or more	3	–	–	3	34	3	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	44	(X)	36	(X)	31	(X)	24	(X)
Any cattle, hogs, or sheep	42	(X)	34	(X)	30	(X)	23	(X)
Sales:								
Any livestock or poultry and their products ($1,000)	40	468	33	205	30	453	24	192
Any cattle, hogs, or sheep ($1,000)	38	313	32	(NA)	29	(D)	23	119
CATTLE AND CALVES								
Inventory:								
Cattle and calves	41	2 182	33	2 553	29	1 908	22	2 349
Cows and heifers that had calved	36	1 052	27	1 439	26	879	20	1 314
Beef cows	29	892	24	1 331	20	(D)	18[a]	(D)
Milk cows	9	160	4	108	7	(D)	3	(D)
Heifers and heifer calves	34	655	(NA)	(NA)	24	604	18	453
Steers, steer calves, bulls and bull calves	33	475	(NA)	(NA)	25	425	19	582
Sales:								
Cattle and calves	36	930	31	893	28	886	22	789
($1,000)	(X)	306	(X)	(NA)	(X)	293	(X)	112
Calves	26	463	(NA)	(NA)	19	434	19	498
($1,000)	(X)	116	(X)	(NA)	(X)	110	(X)	55
Cattle	27	467	(NA)	(NA)	21	452	20	291
($1,000)	(X)	190	(X)	(NA)	(X)	182	(X)	58
Fattened cattle	4	21	(NA)	(NA)	3	(D)	–	–
($1,000)	(X)	9	(X)	(NA)	(X)	(D)	(X)	–
Dairy products ($1,000)	5	143	(NA)	(NA)	5	143	3	70
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	7	94	4	14	6	(D)	2	(D)
Used or to be used for breeding	6	26	(NA)	(NA)	5	(D)	2	(D)
Other hogs and pigs	6	68	(NA)	(NA)	5	(D)	2	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	6	31	2	(D)	5	(D)	2	(D)
Dec. 1 of preceding year and May 31	6	17	2	(D)	5	(D)	2	(D)
June 1 and Nov. 30	6	14	1	(D)	5	(D)	1	(D)
Sheep and lambs	1	(D)	1	(D)	–	–	1	(D)
Ewes 1 year old or older	1	(D)	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
Horses and ponies	12	57	5	41	8	49	5	41
Sales:								
Hogs and pigs	5	167	3	46	4	(D)	3	46
($1,000)	(X)	7	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	2	(D)	2	(D)	2	(D)	2	(D)
($1,000)	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	–	–	1	(D)	–	–	1	(D)
Sheep and lambs shorn	–	–	(NA)	(NA)	–	–	1	(D)
Pounds of wool	(X)	–	(X)	(NA)	(X)	–	(X)	(D)
Sheep, lambs, and wool ($1,000)	–	–	(NA)	(NA)	–	–	1	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
($1,000)	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	3	6	3	9	2	(D)	3	9
($1,000)	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
POULTRY								
Inventory:								
Any poultry	3	(X)	2	(X)	1	(X)	1	(X)
Chickens 3 months old or older	2	(D)	2	(D)	–	–	1	(D)
Hens and pullets of laying age	2	(D)	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	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	–	–
Other poultry	1	(X)	(NA)	(X)	–	(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	1	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	1	(D)	(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)	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	11	141	(X)	–	–	10	(D)	(X)	–	–
	1974	6	202	(X)	(NA)	(NA)	6	202	(X)	–	–
For grain or seed (bushels)	1978	3	48	3 888	–	–	3	48	3 888	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	8	93	755	–	–	7	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	(D)	1 210	–	–
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	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Oats for grain (bushels)	1978	24	731	35 660	–	–	21	661	32 300	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	14	526	28 480	–	–
Barley for grain (bushels)	1978	7	98	2 810	–	–	7	98	2 810	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(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	8	(D)	(D)	–	–	6	(D)	(D)	–	–
	1974	5	79	14 500	(NA)	(NA)	4	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	47	3 598	6 183	–	–	34	3 020	5 463	–	–
	1974	37	3 734	7 468	(NA)	(NA)	25	3 317	6 880	–	–
Alfalfa hay (tons, dry)	1978	28	1 653	3 070	–	–	23	1 555	2 909	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	1 176	3 038	–	–
Other tame dry hay (tons, dry) (see text)	1978	24	1 493	2 559	–	–	18	1 158	2 138	–	–
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	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Sweet corn	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(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)	1	(D)	(X)	–	–
Apples (pounds)	1978	–	–	–	(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)	(NA)	(NA)	(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)	–	–	(X)	–	–
	1974	2	(D)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Strawberries (pounds)	1978	1	(D)	(D)	1	(D)	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Nursery and greenhouse products	1978	–	–	(X)	–	–	–	–	(X)	–	–
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	1 384	252 001	1 476	242 140	1 125	239 677	1 143	221 743
Average size of farm	(X)	182	(X)	164	(X)	213	(X)	194
Approximate land area	(X)	345 600	(X)	345 600	(X)	345 600	(X)	345 600
Proportion in farms, percent	(X)	72.9	(X)	70.1	(X)	69.4	(X)	64.2
Value of land and buildings:[1]								
Average per farm, dollars	153 645	(X)	94 522	(X)	172 796	(X)	110 249	(X)
Average per acre, dollars	(X)	875	(X)	576	(X)	867	(X)	568
Land in farms according to use:								
Total cropland	1 361	207 117	1 452	194 526	1 114	198 638	1 128	181 871
Harvested cropland	1 337	179 473	1 421	163 375	1 104	174 313	1 118	157 541
By acres harvested:								
1 to 9 acres	46	269	75	(NA)	16	84	16	(NA)
10 to 19 acres	125	1 766	147	(NA)	40	577	20	(NA)
20 to 29 acres	116	2 778	121	(NA)	58	1 437	59	(NA)
30 to 49 acres	217	8 090	235	(NA)	168	6 331	191	(NA)
50 to 99 acres	317	22 527	353	(NA)	306	21 841	342	(NA)
100 to 199 acres	231	33 228	237	(NA)	231	33 228	237	(NA)
200 to 499 acres	230	69 454	214	(NA)	230	69 454	214	(NA)
500 to 999 acres	49	31 918	36	(NA)	49	31 918	36	(NA)
1,000 acres or more	6	9 443	3	(NA)	6	9 443	3	(NA)
Cropland used only for pasture	371	9 631	470	11 574	280	8 505	317	8 561
Other cropland	651	18 013	611	19 577	552	15 820	454	15 769
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	251	4 798	(NA)	(NA)	218	4 400	119	2 721
Cropland on which all crops failed	58	1 245	(NA)	(NA)	40	874	55	1 217
Cropland in cultivated summer fallow	182	4 656	(NA)	(NA)	157	4 381	225	5 993
Cropland idle	345	7 314	(NA)	(NA)	284	6 165	216	5 838
Total woodland	735	19 196	819	20 980	631	17 371	641	17 418
Woodland pastured	110	1 619	(NA)	(NA)	96	1 491	134	3 263
Woodland not pastured	665	17 577	(NA)	(NA)	572	15 880	541	14 155
Other land	1 092	25 688	1 202	26 634	893	23 668	930	22 454
Pastureland and rangeland, other than cropland and woodland pastured	110	3 109	(NA)	(NA)	92	2 826	129	3 661
Land in house lots, ponds, roads, wasteland, etc	1 068	22 579	(NA)	(NA)	877	20 842	912	18 793
Pastureland, all types	498	14 359	(NA)	(NA)	393	12 822	(NA)	15 485
Irrigated land	18	1 193	7	138	15	1 188	2	(D)
Harvested cropland irrigated	15	1 174	(NA)	(NA)	12	1 169	2	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	–	–
Land set aside in the federal farm programs in 1978	307	5 096	(X)	(X)	288	5 010	(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]	1 384	36 063	1 476	29 015	1 125	35 717	1 143	28 596
Average per farm, dollars	(X)	26 057	(X)	19 658	(X)	31 749	(X)	25 018
Farms by value of agricultural products sold:[1]								
$100,000 or more	58	13 192	38	(NA)	58	13 192	38	(NA)
$40,000 to $99,999	180	12 144	150	(NA)	180	12 144	150	(NA)
$20,000 to $39,999	156	4 464	196	(NA)	156	4 464	196	(NA)
$10,000 to $19,999	215	3 092	281	(NA)	215	3 092	281	(NA)
$5,000 to $9,999	277	1 942	264	(NA)	277	1 942	264	(NA)
$2,500 to $4,999	239	883	197	(NA)	239	883	197	(NA)
Less than $2,500 (see text)	259	346	350	(NA)	(X)	(X)	17	(NA)
$2,000 to $2,499	46	103	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	74	128	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	66	83	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	73	32	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 207	16 265	1 345	16 412	1 022	16 026	(NA)	16 122
Grains	1 105	14 152	(NA)	(NA)	953	13 952	1 037	14 603
Commodity Credit Corporation loans	121	593	(NA)	(NA)	116	592	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	291	1 020	(NA)	(NA)	252	991	223	549
Vegetables, sweet corn, and melons	32	158	(NA)	(NA)	27	(D)	14	106
Fruits, nuts, and berries	17	89	(NA)	(NA)	15	(D)	8	56
Nursery and greenhouse products	16	351	20	261	11	344	12	255
Other crops	16	494	(NA)	(NA)	16	494	21	534
Livestock, poultry, and their products	603	19 798	670	12 565	498	19 691	513	12 438
Poultry and poultry products	53	701	88	1 861	39	698	62	1 853
Dairy products	189	13 272	(NA)	(NA)	187	(D)	203	7 277
Cattle and calves	439	3 940	(NA)	(NA)	384	3 882	425	2 201
Hogs and pigs	143	1 207	(NA)	(NA)	124	1 192	114	870
Sheep, lambs, and wool	43	65	(NA)	(NA)	33	(D)	30	47
Other livestock and livestock products (see text)	68	612	(NA)	(NA)	43	592	17	189

[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	1 384	1 476	252 001	1 337	250 228	179 473	18	5 593	3 960	1 193
Farms with—										
1 to 9 acres	29	30	70	11	41	30	2	(D)	(D)	(D)
10 to 49 acres	283	287	8 822	261	8 323	5 840	3	55	28	7
50 to 69 acres	113	119	6 590	111	6 476	3 884	4	235	92	14
70 to 99 acres	225	269	18 437	225	18 437	11 968	–	–	–	–
100 to 139 acres	156	172	18 250	156	18 250	11 170	3	369	130	13
140 to 179 acres	132	162	20 754	131	20 614	13 520	–	–	–	–
180 to 219 acres	81	95	16 021	78	15 461	11 199	–	–	–	–
220 to 259 acres	56	68	13 199	56	13 199	9 673	1	(D)	(D)	(D)
260 to 499 acres	212	203	75 878	211	75 447	56 263	–	–	–	–
500 to 999 acres	83	62	53 735	83	53 735	39 926	3	2 100	1 652	384
1,000 to 1,999 acres	12	9	(D)	12	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	2	–	(D)	2	(D)	(D)	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 384	252 001	1 476	242 140	1 125	239 677	1 143	221 743
Harvested cropland	1 337	179 473	1 421	163 375	1 104	174 313	1 118	157 541
Tenure of operator:								
Full owners	809	90 568	916	97 671	593	80 587	625	80 467
Harvested cropland	766	57 908	(NA)	58 126	574	53 758	(NA)	53 107
Part owners	460	142 914	451	128 918	426	140 930	421	126 636
Harvested cropland	458	107 028	(NA)	93 563	424	106 171	(NA)	93 012
Tenants	115	18 519	109	15 551	106	18 160	97	14 640
Harvested cropland	113	14 537	(NA)	11 686	106	14 384	(NA)	11 422
Type of organization:								
Individual or family	1 244	202 316	(NA)	(NA)	991	190 300	1 064	191 781
Partnership	131	47 030	(NA)	(NA)	125	46 722	74	28 640
Corporation	6	2 490	(NA)	(NA)	6	2 490	4	(D)
Other—cooperative, estate or trust, institutional, etc.	3	165	(NA)	(NA)	3	165	1	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	624	782	586	698
Other	760	689	539	440
Operators by age group:				
Under 25 years	43	30	34	20
25 to 34 years	173	177	139	126
35 to 44 years	311	262	242	194
45 to 54 years	334	375	277	304
55 to 64 years	351	382	293	318
65 years and over	172	245	140	176
Average age	49.1	51.2	49.3	51.5

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 101	1 133	903	881
Not on farm operated	148	142	118	102
Not reported	135	196	104	155
Operators reporting days of work off farm:				
None	462	402	428	351
1 to 49 days	77	76	62	55
50 to 99 days	26	29	20	20
100 to 149 days	34	40	26	32
150 to 199 days	57	51	49	42
200 days or more	678	606	495	397

[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	329	1 529	403	1 513	266	1 504	267	1 449
Feed for livestock and poultry	510	3 625	666	2 644	429	3 585	457	2 563
Commercially mixed formula feeds	269	1 866	466	1 879	220	1 844	330	1 837
Animal health costs	493	365	(NA)	(NA)	408	359	315	214
Seeds, bulbs, plants, and trees	1 042	1 562	1 059	1 055	954	1 549	859	1 028
Commercial fertilizer	1 200	3 702	1 246	3 000	1 061	3 645	997	2 930
Other agricultural chemicals including lime	1 069	1 217	765	656	953	1 201	674	646
Hired farm labor	457	1 587	322	1 018	439	1 566	281	1 006
Contract labor	52	94	20	27	52	94	14	27
Customwork, machine hire, and rental of machinery and equipment	597	473	593	342	501	448	479	327
Energy and petroleum products	1 386	2 513	(NA)	(NA)	1 172	2 439	(NA)	(NA)
Petroleum products	1 386	1 948	1 392	1 540	1 172	1 892	1 070	1 473
Gasoline	1 283	1 050	(NA)	(NA)	1 107	1 013	1 027	911
Diesel fuel	682	632	(NA)	(NA)	624	622	500	339
LP gas, butane, and propane	111	69	(NA)	(NA)	106	68	149	98
Fuel oil	74	58	(NA)	(NA)	68	57	1 070	125
Natural gas	25	12	(NA)	(NA)	19	10		
Kerosene, motor oil, and grease	1 386	128	(NA)	(NA)	1 172	122		
Electricity	933	563	(NA)	(NA)	816	546	(NA)	(NA)
Other—coal, wood, coke, etc.	21	2	(NA)	(NA)	21	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		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	1 194	153 462	1 055	150 944	997	120 792
Cropland fertilized, except pasture	1 194	152 669	1 055	150 326	(NA)	120 493
Pasture and rangeland fertilized	44	793	35	618	(NA)	299
Lime	110	3 504	99	3 302	43	2 306
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	250	27 230	235	26 988	(NA)	13 702
Nematodes in crops	46	2 916	41	2 866	1	(D)
Diseases in crops and orchards	45	7 186	40	7 136	14	1 409
Weeds, grass, or brush in crops and pasture	914	106 868	802	105 376	(NA)	64 203
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	540	4	540	6	92
Insect control on livestock and poultry	261	(X)	208	(X)	55	(X)
Sanitation and rodent and bird control	212	(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—farms	1 386	1 382	1 172	1 060
$1,000	46 097	31 502	44 695	28 341
Average per farm—dollars	33 259	22 795	38 136	26 737
Farms by value group:				
$1 to $4,999	189	203	108	105
$5,000 to $9,999	321	289	217	164
$10,000 to $19,999	276	320	255	249

	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	199	190	195	177
$30,000 to $49,999	136	243	132	232
$50,000 to $69,999	94	76	94	76
$70,000 to $99,999	74		74	
$100,000 to $199,999	58	61	58	57
$200,000 or more	39		39	

	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	958	1 360	634	752	500	608	1 164	1 636	916
Motortrucks including pickups	1 140	1 663	560	639	774	1 024	1 127	1 597	632
Wheel tractors	1 336	3 364	310	444	1 260	2 920	1 287	3 193	491
Grain and bean combines, self-propelled only	656	696	102	102	555	594	539	578	93
Corn heads for combines	236	242	67	67	169	175	209	226	55
Other cornpickers and picker-shellers	413	424	38	38	375	386	470	489	86
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	359	385	99	100	263	285	296	307	77
Pickup balers	438	441	43	44	397	397	484	488	76
Field forage harvesters, shear bar or flywheel type	210	243	39	41	173	202	212	257	56

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	457	131	(X)	398	(X)	439	281
Workers	1 426	(X)	290	(X)	1 136	1 404	1 085
Farms with—							
1 worker	182	82	82	163	163	168	112
2 workers	90	23	46	74	148	86	44
3 or 4 workers	88	18	61	84	291	88	65
5 to 9 workers	84	5	25	69	408	84	41
10 workers or more	13	3	76	8	126	13	19

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	686	(X)	752	(X)	542	(X)	557	(X)
Any cattle, hogs, or sheep	576	(X)	659	(X)	473	(X)	499	(X)
Sales:								
Any livestock or poultry and their products $1,000	603	19 798	670	12 565	498	19 691	513	12 438
Any cattle, hogs, or sheep $1,000	535	5 212	611	(NA)	462	(D)	480	3 118
CATTLE AND CALVES								
Inventory:								
Cattle and calves	495	26 376	598	25 613	409	25 755	450	23 891
Cows and heifers that had calved	357	12 757	448	11 930	305	12 512	342	11 050
Beef cows	167	1 677	232	3 011	119	1 447	137	2 174
Milk cows	215	11 080	244	8 919	206	11 065	227	8 876
Heifers and heifer calves	350	8 978	(NA)	(NA)	306	8 855	292	7 023
Steers, steer calves, bulls and bull calves	401	4 641	(NA)	(NA)	329	4 388	349	5 818
Sales:								
Cattle and calves	439	10 936	538	10 723	384	10 759	425	10 110
$1,000	(X)	3 940	(X)	(NA)	(X)	3 882	(X)	2 201
Calves	218	3 407	(NA)	(NA)	200	3 359	236	3 840
$1,000	(X)	255	(X)	(NA)	(X)	249	(X)	243
Cattle	403	7 529	(NA)	(NA)	352	7 400	368	6 270
$1,000	(X)	3 685	(X)	(NA)	(X)	3 633	(X)	1 958
Fattened cattle	177	3 518	(NA)	(NA)	147	3 439	133	2 556
$1,000	(X)	1 770	(X)	(NA)	(X)	1 738	(X)	970
Dairy products $1,000	189	13 272	(NA)	(NA)	187	(D)	203	7 277
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	143	10 931	157	9 250	121	10 777	116	8 857
Used or to be used for breeding	110	2 051	(NA)	(NA)	98	2 014	66	1 278
Other hogs and pigs	131	8 880	(NA)	(NA)	112	8 763	104	7 579
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	113	2 051	96	1 526	99	2 019	71	1 440
Dec. 1 of preceding year and May 31	88	939	76	796	80	920	57	753
June 1 and Nov. 30	99	1 112	75	730	90	1 099	56	687
Sheep and lambs	42	1 417	52	2 617	32	1 127	32	2 012
Ewes 1 year old or older	39	1 020	(NA)	(NA)	29	790	32	1 144
Goats	7	109	(NA)	(NA)	6	(D)	2	(D)
Horses and ponies	182	1 017	188	979	116	725	90	630
Sales:								
Hogs and pigs	143	15 360	140	14 840	124	15 114	114	14 225
$1,000	(X)	1 207	(X)	(NA)	(X)	1 192	(X)	870
Feeder pigs	63	4 355	51	4 327	55	4 227	30	3 868
$1,000	(X)	180	(X)	(NA)	(X)	175	(X)	91
Sheep and lambs	35	1 023	37	1 592	27	832	26	1 317
Sheep and lambs shorn	41	1 204	(NA)	(NA)	31	945	28	1 222
Pounds of wool	(X)	10 083	(X)	(NA)	(X)	7 565	(X)	10 999
Sheep, lambs, and wool $1,000	43	65	(NA)	(NA)	33	(D)	30	47
Goats	2	(D)	(NA)	(NA)	2	(D)	1	(D)
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	55	238	28	160	32	195	11	121
$1,000	(X)	601	(X)	(NA)	(X)	583	(X)	170
POULTRY								
Inventory:								
Any poultry	132	(X)	192	(X)	93	(X)	122	(X)
Chickens 3 months old or older	116	87 368	182	224 108	81	86 339	114	220 366
Hens and pullets of laying age	112	(D)	176	219 426	80	(D)	108	215 982
Pullets 3 months old or older	19	(D)	(NA)	(NA)	11	(D)	5	3 004
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	4	(D)	2	(D)
Broilers and other meat-type chickens	18	962	27	2 339	14	525	16	2 106
Turkeys	6	88	(NA)	(NA)	2	(D)	1	(D)
Turkeys for slaughter	6	88	(NA)	(NA)	2	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	41	(X)	(NA)	(X)	28	(X)	13	(X)
Sales:								
Any poultry	36	(X)	57	(X)	29	(X)	42	(X)
Chickens 3 months old or older	16	37 966	45	89 025	14	(D)	34	88 080
Hens and pullets of laying age	16	37 966	43	87 800	14	(D)	34	86 862
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	4	285	16	1 566	3	(D)	7	652
Turkeys	4	(D)	(NA)	(NA)	1	(D)	–	–
Turkeys for slaughter	4	(D)	(NA)	(NA)	1	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	9	(X)	(NA)	(X)	6	(X)	1	(X)
Poultry and poultry products $1,000	53	701	88	1 861	39	698	62	1 853

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	791	57 888	(X)	5	525	698	56 805	(X)	5	525
	1974	904	54 305	(X)	(NA)	(NA)	747	52 747	(X)	–	–
For grain or seed (bushels)	1978	767	45 796	3 054 638	4	(D)	676	44 734	3 008 141	4	(D)
	1974	879	45 354	2 767 670	(NA)	(NA)	726	43 876	2 713 413	–	–
For silage or green chop (tons, green)	1978	204	12 000	127 600	2	(D)	201	11 979	127 473	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	217	8 696	98 853	–	–
For fodder, hogged or grazed	1978	3	92	(X)	–	–	3	92	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	175	(X)	–	–
Sorghums for all purposes	1978	22	671	(X)	–	–	22	671	(X)	–	–
	1974	43	474	(X)	(NA)	(NA)	33	424	(X)	–	–
For grain or seed (bushels)	1978	3	65	2 150	–	–	3	65	2 150	–	–
	1974	4	42	3 240	(NA)	(NA)	4	42	3 240	–	–
For silage or green chop (tons, green)	1978	19	606	6 799	–	–	19	606	6 799	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	32	(D)	4 728	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	482	13 472	542 705	–	–	443	13 054	529 280	–	–
	1974	957	27 092	1 042 083	(NA)	(NA)	832	25 728	1 001 008	1	(D)
Oats for grain (bushels)	1978	603	17 522	1 054 987	–	–	546	16 822	1 018 421	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	436	9 159	565 646	–	–
Barley for grain (bushels)	1978	16	272	12 067	–	–	14	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	94	3 235	–	–
Rye for grain (bushels)	1978	13	244	5 713	–	–	12	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	346	8 475	–	–
Other small grains for grain	1978	5	44	(X)	–	–	3	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Soybeans for beans (bushels)	1978	806	58 646	1 215 750	–	–	737	57 434	1 200 244	–	–
	1974	758	42 575	1 012 136	(NA)	(NA)	716	42 120	1 002 673	–	–
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	370	77 700	–	–	4	370	77 700	–	–
	1974	12	607	113 215	(NA)	(NA)	9	606	113 140	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	1	(D)	–	–	–
Hay crops (tons, dry) (see text)	1978	642	29 321	72 442	3	467	522	27 617	69 583	3	467
	1974	623	21 134	51 482	(NA)	(NA)	465	19 094	48 153	–	–
Alfalfa hay (tons, dry)	1978	576	20 437	55 508	2	(D)	475	19 080	52 910	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	404	13 126	36 008	–	–
Other tame dry hay (tons, dry) (see text)	1978	86	1 982	3 374	–	–	70	1 786	3 259	–	–
Field seed crops	1978	5	112	(X)	–	–	4	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	17	344	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	4	100	9 432	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	16	329	44 389	–	–
All vegetables harvested for sale (see text)	1978	32	403	(X)	1	(D)	27	386	(X)	–	–
	1974	32	294	(X)	(NA)	(NA)	14	241	(X)	–	–
Sweet corn	1978	14	53	(X)	1	(D)	10	37	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	26	(X)	–	–
Tomatoes	1978	3	9	(X)	–	–	3	9	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	1	(X)	–	–
Green peas excluding cowpeas	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	14	117	(X)	–	–	11	109	(X)	–	–
	1974	14	182	(X)	(NA)	(NA)	6	162	(X)	–	–
Apples (pounds)	1978	13	111	768 604	(NA)	(NA)	10	104	767 804	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	149	690 764	(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	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
Berries	1978	13	19	(X)	5	13	8	18	(X)	3	(D)
	1974	5	2	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	12	18	84 640	5	13	7	16	80 180	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	16	489	(X)	5	160	11	450	(X)	5	160
Other crops	1978	95	4 785	(X)	(NA)	(NA)	93	(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	1 563	344 694	1 798	335 408	1 286	327 334	1 446	312 190
Average size of farm	(X)	221	(X)	187	(X)	255	(X)	216
Approximate land area	(X)	521 600	(X)	521 600	(X)	521 600	(X)	521 600
Proportion in farms — percent	(X)	66.1	(X)	64.3	(X)	62.8	(X)	59.9
Value of land and buildings:[1]								
Average per farm — dollars	313 584	(X)	126 870	(X)	367 066	(X)	149 278	(X)
Average per acre — dollars	(X)	1 354	(X)	680	(X)	1 361	(X)	691
Land in farms according to use:								
Total cropland	1 537	295 949	1 772	285 077	1 269	285 269	1 430	270 916
Harvested cropland	1 513	264 116	1 740	255 069	1 259	258 300	1 424	248 637
By acres harvested:								
1 to 9 acres	47	259	69	(NA)	20	104	22	(NA)
10 to 19 acres	138	1 895	154	(NA)	34	489	42	(NA)
20 to 29 acres	112	2 607	139	(NA)	53	1 291	48	(NA)
30 to 49 acres	198	7 524	253	(NA)	150	5 730	191	(NA)
50 to 99 acres	314	22 466	332	(NA)	300	(D)	328	(NA)
100 to 199 acres	294	41 613	382	(NA)	292	(D)	382	(NA)
200 to 499 acres	295	92 385	337	(NA)	295	92 385	337	(NA)
500 to 999 acres	90	59 899	63	(NA)	90	59 899	63	(NA)
1,000 acres or more	25	35 468	11	(NA)	25	35 468	11	(NA)
Cropland used only for pasture	367	11 174	464	13 602	263	9 027	317	8 818
Other cropland	621	20 659	540	16 406	505	17 942	411	13 461
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	207	5 058	(NA)	(NA)	179	4 690	77	1 859
Cropland on which all crops failed	63	1 339	(NA)	(NA)	46	1 084	52	813
Cropland in cultivated summer fallow	155	3 323	(NA)	(NA)	127	2 972	130	3 023
Cropland idle	352	10 939	(NA)	(NA)	275	9 196	223	7 766
Total woodland	766	23 870	820	24 703	626	19 989	650	20 301
Woodland pastured	184	4 982	(NA)	(NA)	144	4 277	135	3 459
Woodland not pastured	638	18 888	(NA)	(NA)	521	15 712	565	16 842
Other land	1 147	24 875	1 363	25 628	946	22 076	1 089	20 973
Pastureland and rangeland, other than cropland and woodland pastured	107	5 076	(NA)	(NA)	89	4 292	98	2 300
Land in house lots, ponds, roads, wasteland, etc	1 123	19 799	(NA)	(NA)	925	17 784	1 074	18 673
Pastureland, all types	504	21 232	(NA)	(NA)	375	17 596	(NA)	14 577
Irrigated land	22	2 235	16	1 127	20	(D)	14	(D)
Harvested cropland irrigated	21	(D)	(NA)	(NA)	20	(D)	14	(D)
Pastureland irrigated	1	(D)	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	1	(D)	(NA)	(NA)	1	(D)	–	–
Land set aside in the federal farm programs in 1978	312	7 613	(X)	(X)	289	7 375	(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]	1 563	60 699	1 798	64 484	1 286	60 366	1 446	64 025
Average per farm — dollars	(X)	38 835	(X)	35 864	(X)	46 941	(X)	44 277
Farms by value of agricultural products sold:[1]								
$100,000 or more	158	32 003	156	(NA)	158	32 003	156	(NA)
$40,000 to $99,999	251	15 995	299	(NA)	251	15 995	299	(NA)
$20,000 to $39,999	225	6 554	270	(NA)	225	6 554	270	(NA)
$10,000 to $19,999	249	3 577	281	(NA)	249	3 577	281	(NA)
$5,000 to $9,999	228	1 610	245	(NA)	228	1 610	245	(NA)
$2,500 to $4,999	175	626	183	(NA)	175	626	183	(NA)
Less than $2,500 (see text)	277	333	364	(NA)	(X)	(X)	12	(NA)
$2,000 to $2,499	48	108	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	56	95	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	66	81	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	107	49	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 344	41 495	1 626	48 348	1 152	41 268	(NA)	48 034
Grains	1 222	30 199	(NA)	(NA)	1 089	30 050	1 305	32 148
Commodity Credit Corporation loans	141	1 169	(NA)	(NA)	134	1 167	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	309	1 009	(NA)	(NA)	239	946	273	902
Vegetables, sweet corn, and melons	33	646	(NA)	(NA)	28	642	32	747
Fruits, nuts, and berries	11	294	(NA)	(NA)	6	(D)	9	(D)
Nursery and greenhouse products	5	32	7	15	4	(D)	5	(D)
Other crops	323	9 313	(NA)	(NA)	320	9 311	337	13 905
Livestock, poultry, and their products	637	19 204	758	16 111	521	19 098	596	15 966
Poultry and poultry products	77	3 818	94	4 430	63	3 815	79	4 428
Dairy products	164	8 518	(NA)	(NA)	163	(D)	208	6 841
Cattle and calves	491	4 167	(NA)	(NA)	406	4 094	477	3 406
Hogs and pigs	155	2 525	(NA)	(NA)	133	2 516	141	1 158
Sheep, lambs, and wool	26	32	(NA)	(NA)	18	(D)	15	39
Other livestock and livestock products (see text)	41	144	(NA)	(NA)	21	129	18	95

[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	1 563	1 798	344 694	1 513	342 504	264 116	22	12 191	9 507	2 235
Farms with—										
1 to 9 acres	34	42	151	17	99	77	2	(D)	(D)	(D)
10 to 49 acres	238	248	7 871	222	7 463	4 937	–	–	–	–
50 to 69 acres	104	129	6 037	99	5 762	3 777	1	(D)	(D)	(D)
70 to 99 acres	238	336	19 536	235	19 296	11 917	–	–	–	–
100 to 139 acres	200	244	23 275	194	22 613	14 444	1	(D)	(D)	(D)
140 to 179 acres	151	164	23 935	149	23 622	15 570	–	–	–	–
180 to 219 acres	114	136	22 286	114	22 286	16 545	1	(D)	(D)	(D)
220 to 259 acres	77	106	18 272	76	18 032	13 499	1	(D)	(D)	(D)
260 to 499 acres	246	282	87 456	246	87 456	69 178	9	3 325	3 009	944
500 to 999 acres	126	94	81 762	126	81 762	70 271	4	2 922	2 342	870
1,000 to 1,999 acres	27	12	34 326	27	34 326	29 012	2	(D)	(D)	(D)
2,000 acres or more	8	5	19 787	8	19 787	14 889	1	(D)	(D)	(D)

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 563	344 694	1 798	335 408	1 286	327 334	1 446	312 190
Harvested cropland	1 513	264 116	1 740	255 069	1 259	258 300	1 424	248 637
Tenure of operator:								
Full owners	765	83 121	1 019	109 827	542	69 490	714	88 981
Harvested cropland	717	51 848	(NA)	68 289	517	47 644	(NA)	62 897
Part owners	653	238 287	626	205 165	620	235 441	603	203 438
Harvested cropland	652	192 463	(NA)	170 310	619	191 497	(NA)	169 700
Tenants	145	23 286	153	20 416	124	22 403	129	19 771
Harvested cropland	144	19 805	(NA)	16 470	123	19 159	(NA)	16 040
Type of organization:								
Individual or family	1 392	262 788	(NA)	(NA)	1 128	246 026	1 329	262 700
Partnership	144	59 581	(NA)	(NA)	132	58 984	107	44 691
Corporation	25	(D)	(NA)	(NA)	25	(D)	8	(D)
Other—cooperative, estate or trust, institutional, etc.	2	(D)	(NA)	(NA)	1	(D)	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	879	1 130	828	1 047
Other	684	658	458	389
Operators by age group:				
Under 25 years	62	45	55	33
25 to 34 years	200	213	167	172
35 to 44 years	341	360	273	290
45 to 54 years	412	490	350	405
55 to 64 years	405	491	331	390
65 years and over	143	189	110	146
Average age	48.4	49.4	48.2	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	1 268	1 387	1 059	1 132
Not on farm operated	183	175	146	124
Not reported	112	226	81	180
Operators reporting days of work off farm:				
None	635	640	578	565
1 to 49 days	127	93	120	76
50 to 99 days	51	41	46	36
100 to 149 days	52	50	48	43
150 to 199 days	60	71	44	52
200 days or more	592	608	409	394

[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	349	2 973	529	2 473	273	2 951	368	2 412
Feed for livestock and poultry	498	3 992	708	4 354	392	3 960	520	4 280
Commercially mixed formula feeds	233	2 756	471	3 363	212	2 749	374	3 341
Animal health costs	438	249	(NA)	(NA)	381	245	403	163
Seeds, bulbs, plants, and trees	1 326	3 203	1 430	2 524	1 163	3 151	1 257	2 498
Commercial fertilizer	1 418	9 800	1 534	7 321	1 198	9 696	1 304	7 256
Other agricultural chemicals including lime	1 239	2 665	1 071	1 394	1 090	2 634	980	1 384
Hired farm labor	605	2 651	578	1 880	579	2 632	516	1 866
Contract labor	92	249	86	199	91	(D)	78	197
Customwork, machine hire, and rental of machinery and equipment	745	707	835	706	612	688	706	681
Energy and petroleum products	1 562	4 084	(NA)	(NA)	1 277	3 990	(NA)	(NA)
Petroleum products	1 562	3 369	1 732	2 497	1 277	3 295	1 393	2 425
Gasoline	1 513	1 629	(NA)	(NA)	1 244	1 572	1 362	1 459
Diesel fuel	853	1 151	(NA)	(NA)	807	1 143	684	613
LP gas, butane, and propane	205	302	(NA)	(NA)	178	302	186	182
Fuel oil	155	(D)	(NA)	(NA)	154	(D)	1 393	171
Natural gas	32	(D)	(NA)	(NA)	32	(D)		
Kerosene, motor oil, and grease	1 562	202	(NA)	(NA)	1 277	194		
Electricity	1 067	699	(NA)	(NA)	912	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	42	16	(NA)	(NA)	41	(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	1 389	265 514	1 174	260 952	1 304	215 038
Cropland fertilized, except pasture	1 389	265 021	1 174	260 483	(NA)	214 666
Pasture and rangeland fertilized	31	493	25	469	(NA)	372
Lime	53	1 146	45	1 009	28	696
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	346	40 451	303	39 990	(NA)	19 310
Nematodes in crops	50	10 111	45	10 066	12	562
Diseases in crops and orchards	91	6 635	69	6 340	25	2 611
Weeds, grass, or brush in crops and pasture	1 006	195 688	892	193 513	(NA)	143 913
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	20	4 373	20	4 373	4	223
Insect control on livestock and poultry	189	(X)	178	(X)	83	(X)
Sanitation and rodent and bird control	190	(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—farms	1 563	1 730	1 277	1 391
$1,000	75 655	48 614	73 210	45 679
Average per farm—dollars	48 404	28 101	57 330	32 839
Farms by value group:				
$1 to $4,999	67	208	39	89
$5,000 to $9,999	322	289	125	169
$10,000 to $19,999	304	346	277	271
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	137	291	109	273
$30,000 to $49,999	202	333	196	327
$50,000 to $69,999	145	120	145	119
$70,000 to $99,999	132		132	
$100,000 to $199,999	206	143	206	143
$200,000 or more	48		48	

	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	1 235	1 711	780	969	585	742	1 546	2 082	1 303
Motortrucks including pickups	1 365	2 490	781	959	945	1 531	1 477	2 509	958
Wheel tractors	1 503	4 375	450	700	1 403	3 675	1 622	4 365	718
Grain and bean combines, self-propelled only	860	916	189	191	685	725	760	792	135
Corn heads for combines	450	462	163	164	292	298	294	301	132
Other cornpickers and picker-shellers	497	506	64	65	433	441	588	604	116
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	501	502	124	125	377	377	394	404	95
Pickup balers	563	573	74	74	492	499	543	544	81
Field forage harvesters, shear bar or flywheel type	265	292	77	78	195	214	251	290	71

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	605	186	(X)	504	(X)	579	516
Workers	3 238	(X)	382	(X)	2 856	3 166	3 420
Farms with—							
1 worker	195	107	107	166	166	185	150
2 workers	108	40	80	63	126	102	51
3 or 4 workers	70	25	81	63	224	70	99
5 to 9 workers	151	13	(D)	140	901	141	107
10 workers or more	81	1	(D)	72	1 439	81	109

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	696	(X)	825	(X)	547	(X)	625	(X)
Any cattle, hogs, or sheep	610	(X)	753	(X)	487	(X)	573	(X)
Sales:								
Any livestock or poultry and their products $1,000	637	19 204	758	16 111	521	19 098	596	15 966
Any cattle, hogs, or sheep $1,000	582	6 724	707	(NA)	480	(D)	561	4 603
CATTLE AND CALVES								
Inventory:								
Cattle and calves	538	23 607	692	28 006	423	22 515	521	25 888
Cows and heifers that had calved	388	9 521	487	11 279	308	9 127	378	10 404
Beef cows	220	1 905	258	3 018	154	1 563	166	2 240
Milk cows	205	7 616	273	8 261	183	7 564	245	8 164
Heifers and heifer calves	383	6 620	(NA)	(NA)	305	6 286	335	6 538
Steers, steer calves, bulls and bull calves	455	7 466	(NA)	(NA)	363	7 102	432	8 946
Sales:								
Cattle and calves	491	10 977	603	11 864	406	10 707	477	11 209
$1,000	(X)	4 167	(X)	(NA)	(X)	4 094	(X)	3 406
Calves	240	3 244	(NA)	(NA)	212	3 144	222	2 810
$1,000	(X)	333	(X)	(NA)	(X)	320	(X)	241
Cattle	442	7 733	(NA)	(NA)	369	7 563	430	8 399
$1,000	(X)	3 834	(X)	(NA)	(X)	3 774	(X)	3 164
Fattened cattle	209	4 711	(NA)	(NA)	175	4 635	173	4 783
$1,000	(X)	2 452	(X)	(NA)	(X)	2 425	(X)	1 914
Dairy products $1,000	164	8 518	(NA)	(NA)	163	(D)	208	6 841
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	163	16 488	204	9 902	132	16 287	146	9 389
Used or to be used for breeding	95	1 756	(NA)	(NA)	82	1 718	74	980
Other hogs and pigs	153	14 732	(NA)	(NA)	124	14 569	141	8 409
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	104	2 539	114	1 462	91	2 502	81	1 379
Dec. 1 of preceding year and May 31	90	1 317	91	771	80	1 299	67	723
June 1 and Nov. 30	84	1 222	85	691	74	1 203	68	656
Sheep and lambs	26	767	27	1 522	19	606	21	1 452
Ewes 1 year old or older	23	536	(NA)	(NA)	17	422	17	759
Goats	8	24	(NA)	(NA)	6	(D)	4	31
Horses and ponies	168	587	171	668	111	379	85	334
Sales:								
Hogs and pigs	155	27 426	181	16 742	133	27 184	141	16 416
$1,000	(X)	2 525	(X)	(NA)	(X)	2 516	(X)	1 158
Feeder pigs	40	5 025	44	1 590	34	4 874	30	1 490
$1,000	(X)	205	(X)	(NA)	(X)	202	(X)	30
Sheep and lambs	24	487	15	1 148	16	407	14	(D)
Sheep and lambs shorn	22	635	(NA)	(NA)	15	471	13	959
Pounds of wool	(X)	5 256	(X)	(NA)	(X)	3 790	(X)	9 289
Sheep, lambs, and wool $1,000	26	32	(NA)	(NA)	18	(D)	15	39
Goats	1	(D)	(NA)	(NA)	1	(D)	4	29
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	1
Horses and ponies	26	83	22	56	10	54	10	38
$1,000	(X)	61	(X)	(NA)	(X)	49	(X)	60
POULTRY								
Inventory:								
Any poultry	153	(X)	205	(X)	112	(X)	148	(X)
Chickens 3 months old or older	133	445 333	196	501 655	100	444 420	139	499 944
Hens and pullets of laying age	130	(D)	184	480 686	98	(D)	132	479 264
Pullets 3 months old or older	11	(D)	(NA)	(NA)	6	(D)	6	20 093
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	4	25 256
Broilers and other meat-type chickens	25	1 237	31	2 353	15	965	20	1 973
Turkeys	10	78	(NA)	(NA)	7	62	2	(D)
Turkeys for slaughter	10	56	(NA)	(NA)	7	44	2	(D)
Turkey hens kept for breeding	6	22	(NA)	(NA)	3	18	1	(D)
Other poultry	44	(X)	(NA)	(X)	30	(X)	16	(X)
Sales:								
Any poultry	67	(X)	64	(X)	54	(X)	61	(X)
Chickens 3 months old or older	42	267 796	52	374 805	39	267 501	50	(D)
Hens and pullets of laying age	41	(D)	51	374 666	38	(D)	49	(D)
Pullets 3 months old or older	2	(D)	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	–	–	(NA)	(NA)	–	–	1	(D)
Broilers and other meat-type chickens	7	1 097	14	2 858	5	(D)	13	(D)
Turkeys	4	34	(NA)	(NA)	2	(D)	–	–
Turkeys for slaughter	4	34	(NA)	(NA)	2	(D)	–	–
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	10	(X)	(NA)	(X)	8	(X)	5	(X)
Poultry and poultry products $1,000	77	3 818	94	4 430	63	3 815	79	4 428

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	1 158	103 043	(X)	7	516	1 022	101 441	(X)	7	516
	1974	1 318	86 889	(X)	(NA)	(NA)	1 146	85 180	(X)	5	424
For grain or seed (bushels)	1978	1 118	92 828	7 459 751	7	(D)	991	91 430	7 393 742	7	(D)
	1974	1 266	76 952	5 965 014	(NA)	(NA)	1 122	75 537	5 895 292	5	(D)
For silage or green chop (tons, green)	1978	241	(D)	98 692	1	(D)	228	(D)	96 807	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	268	9 397	118 788	2	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	10	246	(X)	–	–
Sorghums for all purposes	1978	14	176	(X)	–	–	12	(D)	(X)	–	–
	1974	12	181	(X)	(NA)	(NA)	11	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	14	176	1 266	–	–	12	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	71	603	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	442	12 926	658 519	–	–	415	12 657	650 479	–	–
	1974	1 141	40 089	1 950 480	(NA)	(NA)	1 046	39 031	1 913 097	1	(D)
Oats for grain (bushels)	1978	614	15 171	1 046 738	–	–	566	14 642	1 023 775	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	551	10 380	760 978	–	–
Barley for grain (bushels)	1978	63	3 871	235 204	–	–	63	3 871	235 204	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	78	2 904	163 964	–	–
Rye for grain (bushels)	1978	24	521	17 765	–	–	21	451	16 065	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	35	406	12 347	–	–
Other small grains for grain	1978	2	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	77	(X)	–	–
Soybeans for beans (bushels)	1978	294	14 907	334 747	–	–	276	14 686	331 633	–	–
	1974	155	4 228	104 548	(NA)	(NA)	135	4 075	101 949	–	–
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	21	1 954	339 370	8	1 064	18	1 945	338 766	8	1 064
	1974	24	1 589	222 558	(NA)	(NA)	15	1 572	220 100	1	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	676	27 445	64 655	1	(D)	514	24 445	59 913	1	(D)
	1974	721	24 021	59 335	(NA)	(NA)	552	21 416	55 389	1	(D)
Alfalfa hay (tons, dry)	1978	602	18 428	49 433	–	–	466	16 197	45 390	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	485	14 413	41 439	1	(D)
Other tame dry hay (tons, dry) (see text)	1978	56	919	1 933	–	–	42	754	1 674	–	–
Field seed crops	1978	4	65	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	52	(X)	–	–
Alfalfa seed (pounds)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	–	–
Red clover seed (pounds)	1978	2	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	20	1 600	–	–
All vegetables harvested for sale (see text)	1978	35	1 278	(X)	2	(D)	29	1 266	(X)	2	(D)
	1974	45	1 349	(X)	(NA)	(NA)	34	1 331	(X)	2	(D)
Sweet corn	1978	15	53	(X)	1	(D)	11	43	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	14	312	(X)	1	(D)
Tomatoes	1978	5	9	(X)	–	–	5	9	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	7	17	(X)	–	–
Green peas excluding cowpeas	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Land in orchards	1978	11	271	(X)	–	–	6	252	(X)	–	–
	1974	14	296	(X)	(NA)	(NA)	5	283	(X)	–	–
Apples (pounds)	1978	10	187	(D)	(NA)	(NA)	5	175	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	219	(NA)	(NA)	(NA)
Peaches (pounds)	1978	4	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	5	1	1 382	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	8	35	(X)	3	30	4	(D)	(X)	2	(D)
	1974	12	118	(X)	(NA)	(NA)	7	97	(X)	3	51
Strawberries (pounds)	1978	4	(D)	(D)	2	(D)	3	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	–	1	(D)
Nursery and greenhouse products	1978	5	5	(X)	–	–	4	(D)	(X)	–	–
Other crops	1978	670	88 118	(X)	(NA)	(NA)	655	87 924	(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	1 615	206 380	1 700	212 717	1 231	185 933	1 148	181 150
Average size of farm	(X)	128	(X)	125	(X)	151	(X)	158
Approximate land area	(X)	385 920	(X)	385 920	(X)	385 920	(X)	385 920
Proportion in farms — percent	(X)	53.5	(X)	55.1	(X)	48.2	(X)	46.9
Value of land and buildings:[1]								
Average per farm — dollars	137 900	(X)	76 519	(X)	160 243	(X)	95 045	(X)
Average per acre — dollars	(X)	1 039	(X)	612	(X)	1 022	(X)	602
Land in farms according to use:								
Total cropland	1 593	150 657	1 686	154 486	1 219	139 592	1 142	136 718
Harvested cropland	1 550	111 405	1 644	113 552	1 197	106 299	1 129	105 524
By acres harvested:								
1 to 9 acres	285	1 335	299	(NA)	148	765	102	(NA)
10 to 19 acres	284	3 849	299	(NA)	170	2 348	137	(NA)
20 to 29 acres	192	4 522	233	(NA)	132	3 119	152	(NA)
30 to 49 acres	238	8 970	244	(NA)	201	7 638	186	(NA)
50 to 99 acres	275	18 974	286	(NA)	270	18 674	269	(NA)
100 to 199 acres	163	22 765	171	(NA)	163	22 765	171	(NA)
200 to 499 acres	94	28 858	93	(NA)	94	28 858	93	(NA)
500 to 999 acres	16	10 692	12	(NA)	16	10 692	12	(NA)
1,000 acres or more	3	11 440	7	(NA)	3	11 440	7	(NA)
Cropland used only for pasture	390	9 873	525	14 156	280	8 116	294	9 567
Other cropland	929	29 379	857	26 778	736	25 177	634	21 627
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	287	7 113	(NA)	(NA)	232	6 479	221	5 229
Cropland on which all crops failed	109	2 842	(NA)	(NA)	85	2 557	93	2 281
Cropland in cultivated summer fallow	124	2 030	(NA)	(NA)	103	1 797	116	2 058
Cropland idle	662	17 394	(NA)	(NA)	517	14 344	385	12 059
Total woodland	915	25 996	949	27 367	705	21 584	641	21 428
Woodland pastured	185	4 989	(NA)	(NA)	135	4 184	132	3 496
Woodland not pastured	793	21 007	(NA)	(NA)	612	17 400	542	17 932
Other land	1 306	29 727	1 452	30 864	992	24 757	989	23 004
Pastureland and rangeland, other than cropland and woodland pastured	143	6 312	(NA)	(NA)	110	5 586	143	4 489
Land in house lots, ponds, roads, wasteland, etc	1 278	23 415	(NA)	(NA)	973	19 171	968	18 515
Pastureland, all types	561	21 174	(NA)	(NA)	403	17 886	(NA)	17 552
Irrigated land	147	12 591	122	11 234	139	12 517	115	11 170
Harvested cropland irrigated	146	12 533	(NA)	(NA)	139	(D)	114	11 144
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	(D)
Other land irrigated	8	58	(NA)	(NA)	6	(D)	1	(D)
Land set aside in the federal farm programs in 1978	299	4 824	(X)	(X)	267	4 632	(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]	1 615	52 494	1 700	37 336	1 231	51 958	1 148	36 615
Average per farm — dollars	(X)	32 504	(X)	21 962	(X)	42 208	(X)	31 895
Farms by value of agricultural products sold:[1]								
$100,000 or more	103	29 839	64	(NA)	103	29 839	64	(NA)
$40,000 to $99,999	177	10 806	155	(NA)	177	10 806	155	(NA)
$20,000 to $39,999	186	5 183	167	(NA)	186	5 183	167	(NA)
$10,000 to $19,999	226	3 158	223	(NA)	226	3 158	223	(NA)
$5,000 to $9,999	283	2 033	291	(NA)	283	2 033	291	(NA)
$2,500 to $4,999	256	939	223	(NA)	256	939	223	(NA)
Less than $2,500 (see text)	383	(D)	576	(NA)	(X)	(X)	25	(NA)
$2,000 to $2,499	76	171	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	70	118	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	87	106	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	150	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	1 392	39 836	1 516	26 917	1 123	39 426	(NA)	26 377
Grains	639	6 219	(NA)	(NA)	528	6 105	493	3 612
Commodity Credit Corporation loans	102	1 055	(NA)	(NA)	100	(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	277	703	(NA)	(NA)	212	(D)	231	508
Vegetables, sweet corn, and melons	380	7 484	(NA)	(NA)	316	7 418	335	5 105
Fruits, nuts, and berries	646	19 719	(NA)	(NA)	579	19 550	587	14 018
Nursery and greenhouse products	42	5 642	43	2 157	37	5 636	35	2 146
Other crops	16	69	(NA)	(NA)	14	(D)	20	987
Livestock, poultry, and their products	583	12 658	639	10 365	450	12 532	436	10 189
Poultry and poultry products	74	1 466	88	1 714	46	1 458	52	1 705
Dairy products	79	3 042	(NA)	(NA)	75	3 040	93	2 346
Cattle and calves	329	3 835	(NA)	(NA)	267	3 771	296	3 218
Hogs and pigs	255	4 158	(NA)	(NA)	217	4 126	201	2 832
Sheep, lambs, and wool	22	21	(NA)	(NA)	16	17	11	13
Other livestock and livestock products (see text)	77	137	(NA)	(NA)	51	121	40	74

[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	1 615	1 700	206 380	1 550	203 030	111 405	147	46 364	30 581	12 591
Farms with—										
1 to 9 acres	51	38	272	44	248	146	5	34	14	9
10 to 49 acres	496	515	14 493	464	13 647	6 406	22	575	260	151
50 to 69 acres	191	185	11 037	182	10 516	4 679	13	755	401	229
70 to 99 acres	253	290	20 538	245	19 918	8 657	20	1 618	770	328
100 to 139 acres	226	233	26 569	221	26 011	11 919	19	2 308	1 276	622
140 to 179 acres	98	141	15 547	97	15 402	7 407	12	1 912	845	261
180 to 219 acres	79	84	15 608	77	15 196	7 639	8	1 570	1 064	535
220 to 259 acres	60	56	14 168	59	13 944	7 691	12	2 792	1 741	598
260 to 499 acres	109	110	37 356	109	37 356	22 367	14	4 712	3 291	1 662
500 to 999 acres	44	38	29 411	44	29 411	19 075	16	11 208	7 522	2 239
1,000 to 1,999 acres	6	8	(D)	6	(D)	(D)	4	(D)	(D)	(D)
2,000 acres or more	2	2	(D)	2	(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	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 615	206 380	1 700	212 717	1 231	185 933	1 148	181 150
Harvested cropland	1 550	111 405	1 644	113 552	1 197	106 299	1 129	105 524
Tenure of operator:								
Full owners	1 159	101 773	1 261	115 153	821	83 489	790	89 386
Harvested cropland	1 105	44 197	(NA)	49 879	791	39 792	(NA)	43 617
Part owners	390	85 665	383	91 673	355	83 755	316	86 622
Harvested cropland	383	53 916	(NA)	59 946	353	53 333	(NA)	58 314
Tenants	66	18 942	56	5 891	55	18 689	42	5 142
Harvested cropland	62	13 292	(NA)	3 727	53	13 174	(NA)	3 593
Type of organization:								
Individual or family	1 451	156 708	(NA)	(NA)	1 092	138 274	1 038	141 915
Partnership	124	23 290	(NA)	(NA)	102	21 473	75	(D)
Corporation	34	26 047	(NA)	(NA)	34	26 047	33	21 620
Other—cooperative, estate or trust, institutional, etc.	6	335	(NA)	(NA)	3	139	2	(D)

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	741	815	669	659
Other	874	849	562	454
Operators by age group:				
Under 25 years	33	30	22	20
25 to 34 years	169	161	126	104
35 to 44 years	366	347	284	220
45 to 54 years	389	417	290	273
55 to 64 years	396	431	318	331
65 years and over	262	278	191	165
Average age	50.7	51.5	50.8	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	1 272	1 305	989	885
Not on farm operated	227	173	166	109
Not reported	116	186	76	119
Operators reporting days of work off farm:				
None	533	486	461	378
1 to 49 days	111	75	100	55
50 to 99 days	66	58	52	30
100 to 149 days	59	54	46	29
150 to 199 days	89	80	64	50
200 days or more	697	709	454	400

[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	403	2 629	445	2 048	296	2 570	259	1 972
Feed for livestock and poultry	495	2 737	679	3 699	410	2 690	409	3 593
Commercially mixed formula feeds	201	1 451	464	2 201	174	1 447	317	2 159
Animal health costs	395	188	(NA)	(NA)	314	183	263	94
Seeds, bulbs, plants, and trees	1 034	1 696	1 086	1 467	874	1 666	808	1 435
Commercial fertilizer	1 273	3 389	1 332	2 716	1 057	3 324	981	2 626
Other agricultural chemicals including lime	1 290	2 544	1 068	2 012	1 116	2 495	848	1 983
Hired farm labor	805	7 462	831	5 831	730	7 382	677	5 744
Contract labor	261	673	115	365	236	640	84	353
Customwork, machine hire, and rental of machinery and equipment	801	1 366	766	876	702	1 343	596	841
Energy and petroleum products	1 615	3 078	(NA)	(NA)	1 246	2 953	(NA)	(NA)
Petroleum products	1 615	2 461	1 674	1 736	1 246	2 367	1 140	1 603
Gasoline	1 495	1 237	(NA)	(NA)	1 147	1 182	1 104	1 096
Diesel fuel	672	531	(NA)	(NA)	626	523	413	221
LP gas, butane, and propane	239	349	(NA)	(NA)	225	348	159	124
Fuel oil	181	81	(NA)	(NA)	152	65	1 140	162
Natural gas	34	86	(NA)	(NA)	28	82		
Kerosene, motor oil, and grease	1 615	176	(NA)	(NA)	1 246	168		
Electricity	1 123	609	(NA)	(NA)	943	580	(NA)	(NA)
Other—coal, wood, coke, etc.	35	8	(NA)	(NA)	26	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		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	1 249	101 250	1 038	98 790	981	82 006
Cropland fertilized, except pasture	1 244	100 493	1 038	98 187	(NA)	81 521
Pasture and rangeland fertilized	21	757	15	603	(NA)	485
Lime	296	15 169	266	14 744	134	6 571
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	658	44 860	579	44 300	(NA)	40 876
Nematodes in crops	70	2 803	70	2 803	22	525
Diseases in crops and orchards	537	31 398	474	30 835	209	13 774
Weeds, grass, or brush in crops and pasture	728	64 963	647	64 270	(NA)	47 000
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	176	6 328	165	6 045	44	2 445
Insect control on livestock and poultry	179	(X)	168	(X)	61	(X)
Sanitation and rodent and bird control	253	(X)	223	(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	1 615	1 667	1 246	1 136
$1,000	41 610	31 037	39 144	26 675
Average per farm—dollars	25 765	18 618	31 416	23 482
Farms by value group:				
$1 to $4,999	234	309	122	137
$5,000 to $9,999	438	402	224	188
$10,000 to $19,999	350	435	313	331

	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	208	258	208	224
$30,000 to $49,999	138	157	137	150
$50,000 to $69,999	94	50	89	50
$70,000 to $99,999	68		68	
$100,000 to $199,999	63	56	63	56
$200,000 or more	22		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	1 023	1 324	615	702	559	622	1 328	1 795	1 061
Motortrucks including pickups	1 348	2 711	673	853	943	1 858	1 438	2 212	977
Wheel tractors	1 531	3 813	366	525	1 452	3 288	1 586	3 653	562
Grain and bean combines, self-propelled only	224	247	61	62	164	185	127	135	24
Corn heads for combines	171	204	62	73	109	131	110	117	24
Other cornpickers and picker-shellers	334	349	8	9	326	340	424	448	57
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	320	356	100	116	223	240	249	272	85
Pickup balers	369	385	72	73	308	312	410	423	76
Field forage harvesters, shear bar or flywheel type	120	158	26	27	101	131	181	201	31

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	805	232	(X)	736	(X)	730	677
Workers	11 333	(X)	900	(X)	10 433	11 007	13 679
Farms with—							
1 worker	121	114	114	106	106	101	127
2 workers	108	49	98	109	218	92	48
3 or 4 workers	171	52	191	129	434	160	91
5 to 9 workers	178	7	44	171	1 197	163	122
10 workers or more	227	10	453	221	8 478	214	289

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	687	(X)	755	(X)	510	(X)	481	(X)
Any cattle, hogs, or sheep	541	(X)	626	(X)	416	(X)	409	(X)
Sales:								
Any livestock or poultry and their products $1,000	583	12 658	639	10 365	450	12 532	436	10 189
Any cattle, hogs, or sheep $1,000	500	8 014	567	(NA)	403	7 913	400	6 063
CATTLE AND CALVES								
Inventory:								
Cattle and calves	396	14 020	522	18 225	299	13 305	331	16 147
Cows and heifers that had calved	282	4 732	377	6 403	213	4 475	246	5 484
Beef cows	196	1 895	253	3 350	139	1 681	149	2 573
Milk cows	115	2 837	173	3 053	93	2 794	123	2 911
Heifers and heifer calves	279	4 522	(NA)	(NA)	214	4 330	216	4 220
Steers, steer calves, bulls and bull calves	327	4 766	(NA)	(NA)	258	4 500	254	6 443
Sales:								
Cattle and calves	329	9 484	418	10 553	267	9 203	296	10 051
$1,000	(X)	3 835	(X)	(NA)	(X)	3 771	(X)	3 218
Calves	149	2 374	(NA)	(NA)	124	2 248	144	1 555
$1,000	(X)	317	(X)	(NA)	(X)	305	(X)	136
Cattle	297	7 110	(NA)	(NA)	242	6 955	257	8 496
$1,000	(X)	3 518	(X)	(NA)	(X)	3 465	(X)	3 082
Fattened cattle	150	5 537	(NA)	(NA)	127	5 478	110	6 722
$1,000	(X)	2 883	(X)	(NA)	(X)	2 861	(X)	2 519
Dairy products $1,000	79	3 042	(NA)	(NA)	75	3 040	93	2 346
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	265	33 732	269	22 578	218	33 256	185	21 685
Used or to be used for breeding	196	7 155	(NA)	(NA)	167	7 041	128	4 713
Other hogs and pigs	243	26 577	(NA)	(NA)	199	26 215	174	16 972
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	201	6 311	192	6 051	171	6 206	147	5 871
Dec. 1 of preceding year and May 31	163	2 927	158	3 198	141	2 882	122	3 105
June 1 and Nov. 30	167	3 384	153	2 853	148	3 324	122	2 766
Sheep and lambs	24	430	26	657	18	299	13	362
Ewes 1 year old or older	24	317	(NA)	(NA)	18	238	10	212
Goats	16	82	(NA)	(NA)	6	28	2	(D)
Horses and ponies	201	878	225	1 047	133	563	118	659
Sales:								
Hogs and pigs	255	43 121	275	41 492	217	42 606	201	40 107
$1,000	(X)	4 158	(X)	(NA)	(X)	4 126	(X)	2 832
Feeder pigs	71	6 072	74	5 131	54	5 752	51	4 741
$1,000	(X)	252	(X)	(NA)	(X)	240	(X)	97
Sheep and lambs	19	299	15	583	13	241	9	479
Sheep and lambs shorn	19	346	(NA)	(NA)	13	264	9	286
Pounds of wool	(X)	2 954	(X)	(NA)	(X)	2 374	(X)	2 386
Sheep, lambs, and wool $1,000	22	21	(NA)	(NA)	16	17	11	13
Goats	7	46	(NA)	(NA)	2	(D)	2	(D)
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	(Z)
Horses and ponies	44	123	27	101	28	90	22	90
$1,000	(X)	95	(X)	(NA)	(X)	84	(X)	66
POULTRY								
Inventory:								
Any poultry	162	(X)	210	(X)	103	(X)	127	(X)
Chickens 3 months old or older	142	145 859	194	214 673	91	143 914	111	210 973
Hens and pullets of laying age	141	145 641	183	200 435	90	143 741	103	(D)
Pullets 3 months old or older	12	218	(NA)	(NA)	9	173	2	(D)
Pullet chicks and pullets under 3 months old	7	222	(NA)	(NA)	4	(D)	2	(D)
Broilers and other meat-type chickens	26	577	35	1 702	16	346	24	924
Turkeys	13	3 258	(NA)	(NA)	11	(D)	2	(D)
Turkeys for slaughter	9	(D)	(NA)	(NA)	8	(D)	1	(D)
Turkey hens kept for breeding	5	(D)	(NA)	(NA)	4	(D)	2	(D)
Other poultry	47	(X)	(NA)	(X)	27	(X)	18	(X)
Sales:								
Any poultry	47	(X)	49	(X)	32	(X)	33	(X)
Chickens 3 months old or older	30	146 060	36	180 133	21	145 799	27	179 767
Hens and pullets of laying age	27	(D)	34	151 382	18	(D)	26	(D)
Pullets 3 months old or older	5	(D)	(NA)	(NA)	4	(D)	1	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	6	196	17	1 049	2	(D)	7	399
Turkeys	5	(D)	(NA)	(NA)	4	(D)	1	(D)
Turkeys for slaughter	4	95	(NA)	(NA)	3	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Other poultry	8	(X)	(NA)	(X)	4	(X)	1	(X)
Poultry and poultry products $1,000	74	1 466	88	1 714	46	1 458	52	1 705

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	700	48 824	(X)	32	3 721	574	47 426	(X)	32	3 721
	1974	768	41 612	(X)	(NA)	(NA)	561	39 113	(X)	14	566
For grain or seed (bushels)	1978	690	45 726	3 760 997	32	3 721	566	44 349	3 689 056	32	3 721
	1974	716	35 408	1 703 446	(NA)	(NA)	524	33 174	1 628 681	13	(D)
For silage or green chop (tons, green)	1978	63	(D)	47 367	–	–	62	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	102	5 671	53 263	1	(D)
For fodder, hogged or grazed	1978	2	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	13	268	(X)	–	–
Sorghums for all purposes	1978	11	335	(X)	–	–	10	(D)	(X)	–	–
	1974	34	1 014	(X)	(NA)	(NA)	26	936	(X)	–	–
For grain or seed (bushels)	1978	8	284	17 360	–	–	8	284	17 360	–	–
	1974	20	836	21 635	(NA)	(NA)	19	(D)	(D)	–	–
For silage or green chop (tons, green)	1978	4	51	(D)	–	–	3	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	97	344	–	–
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)	1	(D)	(X)	–	–
Wheat for grain (bushels)	1978	125	2 642	84 364	–	–	110	2 478	78 925	–	–
	1974	331	7 084	202 276	(NA)	(NA)	254	6 339	185 816	–	–
Oats for grain (bushels)	1978	102	1 758	79 402	–	–	95	1 713	77 757	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	107	1 613	70 125	–	–
Barley for grain (bushels)	1978	8	145	7 611	–	–	6	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	189	6 289	–	–
Rye for grain (bushels)	1978	17	244	6 207	–	–	12	172	4 764	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	163	4 531	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	67	(X)	–	–
Soybeans for beans (bushels)	1978	156	6 585	153 267	4	197	140	6 379	149 696	4	197
	1974	110	4 299	69 051	(NA)	(NA)	100	4 134	67 044	9	225
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	13	48	8 452	2	(D)	11	(D)	(D)	2	(D)
	1974	27	1 594	257 858	(NA)	(NA)	21	1 584	256 001	10	1 517
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	548	16 279	40 943	7	165	399	13 968	37 299	6	(D)
	1974	620	16 575	34 902	(NA)	(NA)	402	13 287	29 939	1	(D)
Alfalfa hay (tons, dry)	1978	447	11 745	31 776	6	163	340	10 272	29 261	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	310	9 037	21 884	–	–
Other tame dry hay (tons, dry) (see text)	1978	141	2 702	5 062	1	(D)	96	2 008	4 114	1	(D)
Field seed crops	1978	11	139	(X)	–	–	10	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	22	301	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Red clover seed (pounds)	1978	8	121	10 076	–	–	7	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	22	301	18 733	–	–
All vegetables harvested for sale (see text)	1978	380	11 552	(X)	51	5 810	316	11 355	(X)	50	(D)
	1974	459	12 555	(X)	(NA)	(NA)	337	12 169	(X)	46	6 657
Sweet corn	1978	43	253	(X)	5	20	37	244	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	46	310	(X)	7	49
Tomatoes	1978	47	486	(X)	20	316	43	484	(X)	19	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	52	340	(X)	18	152
Green peas excluding cowpeas	1978	5	18	(X)	1	(D)	3	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	–	–
Land in orchards	1978	510	20 423	(X)	15	964	437	19 785	(X)	15	964
	1974	573	23 597	(X)	(NA)	(NA)	489	23 064	(X)	18	488
Apples (pounds)	1978	201	7 738	95 150 873	(NA)	(NA)	177	7 519	94 973 307	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7 831	66 766 897	(NA)	(NA)
Peaches (pounds)	1978	93	1 025	4 608 104	(NA)	(NA)	83	964	4 357 394	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1 560	7 375 645	(NA)	(NA)
Grapes (pounds) (see text)	1978	308	6 412	51 810 813	(NA)	(NA)	268	6 164	51 214 855	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	310	7 307	41 058 000	(NA)	(NA)
Berries	1978	245	3 739	(X)	63	1 271	213	3 645	(X)	59	1 262
	1974	200	3 172	(X)	(NA)	(NA)	159	3 052	(X)	52	1 275
Strawberries (pounds)	1978	34	468	2 560 901	22	337	28	460	2 533 911	20	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	29	338	2 155 759	18	292
Nursery and greenhouse products	1978	42	455	(X)	21	400	37	453	(X)	19	(D)
Other crops	1978	7	126	(X)	(NA)	(NA)	4	122	(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	1 362	235 477	1 327	226 138	1 036	220 485	974	203 340
Average size of farm	(X)	173	(X)	170	(X)	213	(X)	209
Approximate land area	(X)	455 040	(X)	455 040	(X)	455 040	(X)	455 040
Proportion in farms — percent	(X)	51.7	(X)	49.7	(X)	48.5	(X)	44.7
Value of land and buildings:[1]								
Average per farm — dollars	245 034	(X)	146 726	(X)	290 229	(X)	177 396	(X)
Average per acre — dollars	(X)	1 391	(X)	861	(X)	1 329	(X)	850
Land in farms according to use:								
Total cropland	1 324	190 170	1 286	173 918	1 016	180 589	952	160 098
Harvested cropland	1 268	160 191	1 224	142 262	990	154 753	927	136 306
By acres harvested:								
1 to 9 acres	116	569	99	(NA)	45	197	30	(NA)
10 to 19 acres	147	2 065	118	(NA)	44	590	18	(NA)
20 to 29 acres	110	2 607	107	(NA)	60	1 435	43	(NA)
30 to 49 acres	144	5 419	167	(NA)	104	3 954	121	(NA)
50 to 99 acres	282	19 401	290	(NA)	269	(D)	273	(NA)
100 to 199 acres	233	32 857	239	(NA)	233	32 857	238	(NA)
200 to 499 acres	185	57 749	166	(NA)	184	(D)	166	(NA)
500 to 999 acres	41	27 093	34	(NA)	41	27 093	34	(NA)
1,000 acres or more	10	12 431	4	(NA)	10	12 431	4	(NA)
Cropland used only for pasture	518	15 123	618	18 421	394	13 201	439	13 288
Other cropland	510	14 856	454	13 235	404	12 635	341	10 504
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	147	3 629	(NA)	(NA)	108	3 032	89	1 735
Cropland on which all crops failed	48	872	(NA)	(NA)	28	576	44	1 042
Cropland in cultivated summer fallow	107	2 615	(NA)	(NA)	94	2 457	123	3 459
Cropland idle	333	7 740	(NA)	(NA)	271	6 570	174	4 268
Total woodland	726	20 044	778	21 519	590	17 725	619	18 403
Woodland pastured	176	3 160	(NA)	(NA)	153	2 853	172	3 676
Woodland not pastured	604	16 884	(NA)	(NA)	487	14 872	501	14 727
Other land	1 097	25 263	1 091	30 701	837	22 171	809	24 839
Pastureland and rangeland, other than cropland and woodland pastured	183	5 871	(NA)	(NA)	147	5 395	180	6 560
Land in house lots, ponds, roads, wasteland, etc	1 069	19 392	(NA)	(NA)	816	16 776	783	18 279
Pastureland, all types	672	24 154	(NA)	(NA)	516	21 449	(NA)	23 524
Irrigated land	59	3 692	37	1 357	52	3 667	33	1 302
Harvested cropland irrigated	58	(D)	(NA)	(NA)	51	(D)	33	1 302
Pastureland irrigated	1	(D)	(NA)	(NA)	1	(D)	(NA)	–
Other land irrigated	–	–	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	244	5 542	(X)	(X)	221	5 376	(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]	1 362	39 232	1 327	28 378	1 036	38 821	974	27 985
Average per farm — dollars	(X)	28 805	(X)	21 385	(X)	37 472	(X)	28 732
Farms by value of agricultural products sold:[1]								
$100,000 or more	97	19 526	62	(NA)	97	19 526	62	(NA)
$40,000 to $99,999	148	9 521	122	(NA)	148	9 521	122	(NA)
$20,000 to $39,999	158	4 490	166	(NA)	158	4 490	166	(NA)
$10,000 to $19,999	210	2 986	203	(NA)	210	2 986	203	(NA)
$5,000 to $9,999	216	1 538	227	(NA)	216	1 538	227	(NA)
$2,500 to $4,999	207	760	170	(NA)	207	760	170	(NA)
Less than $2,500 (see text)	326	412	377	(NA)	(X)	(X)	24	(NA)
$2,000 to $2,499	51	112	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	91	157	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	79	97	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	105	46	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	1 114	18 641	1 140	12 550	907	18 388	(NA)	12 270
Grains	944	11 415	(NA)	(NA)	800	11 243	801	7 891
Commodity Credit Corporation loans	74	777	(NA)	(NA)	66	772	(NA)	(NA)
Cotton and cottonseed	–	–	(NA)	(NA)	–	–	–	–
Commodity Credit Corporation loans	–	–	(NA)	(NA)	–	–	(NA)	(NA)
Tobacco	–	–	(NA)	(NA)	–	–	–	–
Field seeds, hay, forage, and silage	398	1 753	(NA)	(NA)	338	1 699	331	724
Vegetables, sweet corn, and melons	65	1 356	(NA)	(NA)	52	1 348	33	865
Fruits, nuts, and berries	50	(D)	(NA)	(NA)	35	(D)	29	586
Nursery and greenhouse products	37	2 506	30	1 396	30	2 497	25	1 394
Other crops	8	(D)	(NA)	(NA)	6	(D)	12	810
Livestock, poultry, and their products	786	20 592	808	15 769	632	20 433	659	15 657
Poultry and poultry products	113	667	149	656	88	661	113	645
Dairy products	149	9 899	(NA)	(NA)	149	9 899	188	8 242
Cattle and calves	500	6 323	(NA)	(NA)	453	6 276	495	4 460
Hogs and pigs	234	2 087	(NA)	(NA)	192	2 060	192	1 345
Sheep, lambs, and wool	210	1 102	(NA)	(NA)	168	1 065	221	806
Other livestock and livestock products (see text)	125	512	(NA)	(NA)	73	470	35	160

[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	1 362	1 327	235 477	1 268	232 461	160 191	59	13 575	10 520	3 692
Farms with—										
1 to 9 acres	55	53	259	29	160	117	5	22	14	9
10 to 49 acres	311	213	8 527	266	7 601	4 397	15	407	133	85
50 to 69 acres	97	109	5 677	91	5 329	3 047	3	172	95	22
70 to 99 acres	187	187	15 264	177	14 464	8 175	6	478	213	97
100 to 139 acres	176	199	20 735	170	20 042	11 827	10	1 119	756	578
140 to 179 acres	121	140	18 949	120	18 799	11 829	3	490	183	5
180 to 219 acres	72	102	14 308	72	14 308	8 767	3	(D)	(D)	(D)
220 to 259 acres	65	76	15 243	65	15 243	10 041	1	(D)	(D)	(D)
260 to 499 acres	183	183	64 190	183	64 190	45 809	4	1 361	1 084	230
500 to 999 acres	80	53	53 243	80	53 243	39 599	5	3 971	3 327	1 093
1,000 to 1,999 acres	15	11	19 082	15	19 082	16 583	4	4 718	4 130	1 332
2,000 acres or more	–	1	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	1 362	235 477	1 327	226 138	1 036	220 485	974	203 340
Harvested cropland	1 268	160 191	1 224	142 262	990	154 753	927	136 306
Tenure of operator:								
Full owners	783	75 894	857	95 939	526	64 495	534	74 822
Harvested cropland	703	41 486	(NA)	47 223	489	37 803	(NA)	41 959
Part owners	475	136 591	371	111 513	422	133 615	353	110 257
Harvested cropland	467	101 063	(NA)	81 952	416	99 770	(NA)	81 428
Tenants	104	22 992	99	18 686	88	22 375	87	18 261
Harvested cropland	98	17 642	(NA)	13 087	85	17 180	(NA)	12 919
Type of organization:								
Individual or family	1 183	183 626	(NA)	(NA)	877	169 978	863	169 530
Partnership	148	43 689	(NA)	(NA)	130	42 525	95	32 226
Corporation	23	(D)	(NA)	(NA)	23	(D)	13	1 361
Other—cooperative, estate or trust, institutional, etc.	8	(D)	(NA)	(NA)	6	(D)	3	223

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	631	713	583	607
Other	731	598	453	351
Operators by age group:				
Under 25 years	24	17	17	13
25 to 34 years	147	123	108	79
35 to 44 years	311	231	206	180
45 to 54 years	314	349	258	241
55 to 64 years	336	340	275	261
65 years and over	230	251	172	184
Average age	50.8	52.4	51.3	52.7

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	1 091	979	835	751
Not on farm operated	161	141	114	90
Not reported	110	191	87	117
Operators reporting days of work off farm:				
None	463	430	412	348
1 to 49 days	77	73	66	56
50 to 99 days	36	28	31	21
100 to 149 days	54	46	46	29
150 to 199 days	77	59	45	43
200 days or more	610	501	398	308

[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	525	3 153	546	2 086	381	3 083	379	2 002
Feed for livestock and poultry	775	2 737	777	2 996	544	2 640	557	2 901
Commercially mixed formula feeds	381	1 627	576	2 097	268	1 580	447	2 060
Animal health costs	643	350	(NA)	(NA)	489	325	427	204
Seeds, bulbs, plants, and trees	1 115	1 746	1 027	1 142	928	1 713	825	1 122
Commercial fertilizer	1 113	3 971	1 005	2 594	922	3 911	832	2 559
Other agricultural chemicals including lime	1 016	1 203	698	634	827	1 179	599	625
Hired farm labor	398	2 453	344	1 450	345	2 419	302	1 431
Contract labor	61	80	32	25	41	71	26	22
Customwork, machine hire, and rental of machinery and equipment	559	540	519	356	415	489	417	336
Energy and petroleum products	1 362	3 055	(NA)	(NA)	1 021	2 951	(NA)	(NA)
Petroleum products	1 362	2 441	1 305	1 471	1 021	2 363	958	1 390
Gasoline	1 316	1 173	(NA)	(NA)	1 005	1 117	936	873
Diesel fuel	699	695	(NA)	(NA)	637	688	407	309
LP gas, butane, and propane	133	216	(NA)	(NA)	133	216	131	71
Fuel oil	110	54	(NA)	(NA)	93	50		
Natural gas	21	137	(NA)	(NA)	21	137	957	136
Kerosene, motor oil, and grease	1 362	166	(NA)	(NA)	1 021	155		
Electricity	950	600	(NA)	(NA)	744	574	(NA)	(NA)
Other—coal, wood, coke, etc.	30	14	(NA)	(NA)	30	14	(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	1 088	137 344	902	134 491	832	99 328
Cropland fertilized, except pasture	1 084	136 355	902	133 562	(NA)	98 955
Pasture and rangeland fertilized	63	989	43	929	(NA)	373
Lime	175	5 230	140	4 697	65	1 830
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	451	36 672	382	35 580	(NA)	19 277
Nematodes in crops	56	4 609	48	4 481	5	79
Diseases in crops and orchards	108	7 654	88	7 518	23	1 621
Weeds, grass, or brush in crops and pasture	716	75 807	609	74 471	(NA)	48 012
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	67	3 018	51	2 914	8	1 230
Insect control on livestock and poultry	280	(X)	221	(X)	54	(X)
Sanitation and rodent and bird control	186	(X)	138	(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	1 362	1 298	1 021	949
$1,000	48 812	31 371	45 442	28 262
Average per farm—dollars	35 838	24 169	44 507	29 781
Farms by value group:				
$1 to $4,999	95	166	40	71
$5,000 to $9,999	330	274	139	127
$10,000 to $19,999	248	317	191	238
ALL MACHINERY AND EQUIPMENT—Con.				
Estimated market value of all machinery and equipment—Con.				
$20,000 to $29,999	190	200	168	180
$30,000 to $49,999	166	179	150	171
$50,000 to $69,999	122	83	122	83
$70,000 to $99,999	103		103	
$100,000 to $199,999	79	79	79	79
$200,000 or more	29		29	

	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	1 081	1 585	752	974	494	611	1 069	1 452	904
Motortrucks including pickups	1 221	2 002	754	889	760	1 113	1 139	1 683	719
Wheel tractors	1 280	3 634	401	622	1 148	3 012	1 236	3 200	473
Grain and bean combines, self-propelled only	463	507	137	145	340	362	385	406	79
Corn heads for combines	320	338	140	145	190	193	246	255	79
Other cornpickers and picker-shellers	450	464	73	73	378	391	478	490	68
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	582	602	198	202	385	400	449	459	131
Pickup balers	690	725	152	166	548	559	633	644	131
Field forage harvesters, shear bar or flywheel type	189	219	89	93	107	126	226	276	76

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	398	125	(X)	341	(X)	345	302
Workers	1 675	(X)	304	(X)	1 371	1 586	1 827
Farms with—							
1 worker	132	71	71	108	108	107	137
2 workers	117	28	56	114	228	97	52
3 or 4 workers	89	17	63	71	237	81	52
5 to 9 workers	34	5	31	24	158	34	23
10 workers or more	26	4	83	24	640	26	38

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	892	(X)	884	(X)	686	(X)	680	(X)
Any cattle, hogs, or sheep	685	(X)	759	(X)	560	(X)	619	(X)
Sales:								
Any livestock or poultry and their products $1,000	786	20 592	808	15 769	632	20 433	659	15 657
Any cattle, hogs, or sheep $1,000	674	9 513	731	(NA)	565	9 402	621	6 611
CATTLE AND CALVES								
Inventory:								
Cattle and calves	527	27 934	612	31 002	450	27 388	506	30 194
Cows and heifers that had calved	342	10 769	407	13 137	300	10 572	345	12 734
Beef cows	192	2 370	219	3 628	156	2 191	162	3 263
Milk cows	182	8 399	225	9 509	167	8 381	211	9 471
Heifers and heifer calves	357	8 885	(NA)	(NA)	309	8 732	318	8 238
Steers, steer calves, bulls and bull calves	442	8 280	(NA)	(NA)	380	8 084	422	9 222
Sales:								
Cattle and calves	500	15 992	566	14 907	453	15 825	495	14 654
$1,000	(X)	6 323	(X)	(NA)	(X)	6 276	(X)	4 460
Calves	209	4 641	(NA)	(NA)	191	4 575	214	3 884
$1,000	(X)	504	(X)	(NA)	(X)	493	(X)	334
Cattle	457	11 351	(NA)	(NA)	420	11 250	459	10 770
$1,000	(X)	5 819	(X)	(NA)	(X)	5 783	(X)	4 126
Fattened cattle	289	7 875	(NA)	(NA)	261	7 809	226	5 847
$1,000	(X)	4 135	(X)	(NA)	(X)	4 111	(X)	2 356
Dairy products $1,000	149	9 899	(NA)	(NA)	149	9 899	188	8 242
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	230	14 743	218	12 177	182	14 234	175	11 624
Used or to be used for breeding	159	2 108	(NA)	(NA)	127	1 996	119	1 845
Other hogs and pigs	215	12 635	(NA)	(NA)	173	12 238	163	9 779
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	166	2 444	153	2 740	131	2 343	124	2 605
Dec. 1 of preceding year and May 31	140	1 247	128	1 372	113	1 199	111	1 319
June 1 and Nov. 30	144	1 197	129	1 368	122	1 144	101	1 286
Sheep and lambs	209	21 276	265	27 852	168	19 986	223	26 137
Ewes 1 year old or older	195	9 916	(NA)	(NA)	157	9 122	212	12 889
Goats	23	99	(NA)	(NA)	11	41	5	16
Horses and ponies	297	2 075	240	1 514	182	1 334	146	1 109
Sales:								
Hogs and pigs	234	21 956	222	20 337	192	21 434	192	19 703
$1,000	(X)	2 087	(X)	(NA)	(X)	2 060	(X)	1 345
Feeder pigs	55	3 680	54	3 846	39	3 343	34	3 380
$1,000	(X)	141	(X)	(NA)	(X)	130	(X)	92
Sheep and lambs	206	16 418	251	23 595	165	15 794	221	22 745
Sheep and lambs shorn	199	21 113	(NA)	(NA)	161	20 072	202	23 865
Pounds of wool	(X)	166 629	(X)	(NA)	(X)	158 248	(X)	189 607
Sheep, lambs, and wool $1,000	210	1 102	(NA)	(NA)	168	1 065	221	806
Goats	7	29	(NA)	(NA)	2	(D)	–	–
$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	89	284	53	222	56	226	31	185
$1,000	(X)	427	(X)	(NA)	(X)	398	(X)	143
POULTRY								
Inventory:								
Any poultry	228	(X)	230	(X)	159	(X)	167	(X)
Chickens 3 months old or older	201	60 726	221	77 819	139	58 731	160	75 026
Hens and pullets of laying age	197	59 909	219	77 282	135	58 092	159	74 634
Pullets 3 months old or older	27	817	(NA)	(NA)	20	639	3	60
Pullet chicks and pullets under 3 months old	6	325	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	37	3 476	27	1 289	21	2 921	15	830
Turkeys	18	187	(NA)	(NA)	6	111	6	81
Turkeys for slaughter	12	150	(NA)	(NA)	4	102	5	(D)
Turkey hens kept for breeding	9	37	(NA)	(NA)	3	9	1	(D)
Other poultry	64	(X)	(NA)	(X)	39	(X)	19	(X)
Sales:								
Any poultry	72	(X)	88	(X)	57	(X)	64	(X)
Chickens 3 months old or older	47	42 073	69	60 684	41	41 843	57	60 076
Hens and pullets of laying age	46	(D)	67	45 503	40	(D)	56	(D)
Pullets 3 months old or older	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	10	2 473	17	3 066	7	(D)	3	96
Turkeys	6	(D)	(NA)	(NA)	3	(D)	4	5 056
Turkeys for slaughter	6	(D)	(NA)	(NA)	3	(D)	4	5 056
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	12	(X)	(NA)	(X)	8	(X)	6	(X)
Poultry and poultry products $1,000	113	667	149	656	88	661	113	645

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	938	78 750	(X)	13	1 427	800	77 059	(X)	11	(D)
	1974	915	64 334	(X)	(NA)	(NA)	774	62 378	(X)	5	329
For grain or seed (bushels)	1978	917	70 024	5 273 975	13	(D)	782	68 371	5 190 210	11	(D)
	1974	886	52 047	2 554 524	(NA)	(NA)	749	50 146	2 491 410	5	(D)
For silage or green chop (tons, green)	1978	223	(D)	106 119	2	(D)	217	(D)	105 792	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	244	11 808	103 575	1	(D)
For fodder, hogged or grazed	1978	1	(D)	(X)	–	–	1	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	424	(X)	–	–
Sorghums for all purposes	1978	6	142	(X)	–	–	5	(D)	(X)	–	–
	1974	15	174	(X)	(NA)	(NA)	15	174	(X)	1	(D)
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	5	61	2 160	(NA)	(NA)	5	61	2 160	1	(D)
For silage or green chop (tons, green)	1978	5	(D)	1 152	–	–	5	(D)	1 152	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	10	82	223	–	–
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)	3	31	(X)	–	–
Wheat for grain (bushels)	1978	556	15 996	664 974	–	–	523	15 670	654 173	–	–
	1974	712	19 787	767 981	(NA)	(NA)	628	18 902	740 502	–	–
Oats for grain (bushels)	1978	542	12 995	793 498	–	–	490	12 330	767 310	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	486	10 433	534 954	–	–
Barley for grain (bushels)	1978	14	215	5 073	–	–	10	203	4 765	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	20	274	13 425	–	–
Rye for grain (bushels)	1978	5	65	1 785	–	–	4	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	11	131	3 152	–	–
Other small grains for grain	1978	3	62	(X)	–	–	3	62	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	16	224	(X)	–	–
Soybeans for beans (bushels)	1978	283	15 835	352 650	4	54	250	15 318	345 332	3	(D)
	1974	310	13 825	229 630	(NA)	(NA)	283	13 517	226 027	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	7	(D)	(D)	3	(D)	6	(D)	(D)	2	(D)
	1974	18	808	148 424	(NA)	(NA)	7	802	147 883	2	(D)
Sweetpotatoes (bushels)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	3	(Z)	18	(NA)	(NA)	1	(D)	(D)	–	–
Hay crops (tons, dry) (see text)	1978	813	36 109	102 399	2	(D)	669	33 896	98 376	2	(D)
	1974	789	30 787	62 529	(NA)	(NA)	637	28 470	59 252	–	–
Alfalfa hay (tons, dry)	1978	723	26 801	85 351	1	(D)	603	24 991	81 869	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	512	18 643	41 976	–	–
Other tame dry hay (tons, dry) (see text)	1978	179	3 788	7 549	–	–	154	3 493	7 082	–	–
Field seed crops	1978	32	630	(X)	–	–	32	630	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	80	1 072	(X)	–	–
Alfalfa seed (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	35	1 140	–	–
Red clover seed (pounds)	1978	30	579	57 850	–	–	30	579	57 850	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	72	894	88 705	–	–
All vegetables harvested for sale (see text)	1978	65	1 968	(X)	25	1 202	52	1 941	(X)	23	(D)
	1974	54	1 620	(X)	(NA)	(NA)	33	1 581	(X)	11	552
Sweet corn	1978	49	1 199	(X)	12	839	40	1 187	(X)	11	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	21	897	(X)	5	256
Tomatoes	1978	35	93	(X)	15	77	29	90	(X)	14	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	19	46	(X)	5	15
Green peas excluding cowpeas	1978	6	15	(X)	2	(D)	5	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	2	(X)	1	(D)
Land in orchards	1978	62	868	(X)	6	166	33	721	(X)	4	(D)
	1974	40	602	(X)	(NA)	(NA)	25	576	(X)	3	100
Apples (pounds)	1978	51	731	5 680 695	(NA)	(NA)	29	635	5 611 537	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	507	4 583 731	(NA)	(NA)
Peaches (pounds)	1978	20	50	203 686	(NA)	(NA)	10	41	200 100	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	33	99 950	(NA)	(NA)
Grapes (pounds) (see text)	1978	16	20	27 627	(NA)	(NA)	5	9	23 100	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	3	16 000	(NA)	(NA)
Berries	1978	24	222	(X)	9	191	18	219	(X)	9	191
	1974	20	78	(X)	(NA)	(NA)	9	74	(X)	7	68
Strawberries (pounds)	1978	19	158	586 615	9	149	15	157	584 354	9	149
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	67	201 416	7	66
Nursery and greenhouse products	1978	37	166	(X)	17	63	30	152	(X)	17	63
Other crops	1978	13	172	(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	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	463	33 450	441	37 489	317	28 652	305	31 889
Average size of farm	(X)	72	(X)	85	(X)	90	(X)	105
Approximate land area	(X)	387 200	(X)	387 200	(X)	387 200	(X)	387 200
Proportion in farms — percent	(X)	8.6	(X)	9.7	(X)	7.4	(X)	8.2
Value of land and buildings:[1]								
Average per farm — dollars	170 471	(X)	175 748	(X)	191 461	(X)	200 790	(X)
Average per acre — dollars	(X)	2 519	(X)	2 067	(X)	2 282	(X)	1 920
Land in farms according to use:								
Total cropland	436	27 455	424	30 344	307	24 748	292	27 204
Harvested cropland	410	23 501	414	25 425	290	21 676	288	23 732
By acres harvested:								
1 to 9 acres	149	603	144	(NA)	88	319	70	(NA)
10 to 19 acres	55	737	56	(NA)	21	268	25	(NA)
20 to 29 acres	30	731	34	(NA)	19	468	24	(NA)
30 to 49 acres	59	2 178	47	(NA)	51	1 926	37	(NA)
50 to 99 acres	55	3 917	80	(NA)	51	3 677	80	(NA)
100 to 199 acres	29	3 883	23	(NA)	28	(D)	23	(NA)
200 to 499 acres	28	8 107	22	(NA)	27	(D)	21	(NA)
500 to 999 acres	5	3 345	8	(NA)	5	3 345	8	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	55	668	72	1 525	35	480	36	892
Other cropland	132	3 286	108	3 394	91	2 592	79	2 580
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	18	307	(NA)	(NA)	11	269	19	849
Cropland on which all crops failed	21	512	(NA)	(NA)	12	398	16	410
Cropland in cultivated summer fallow	23	507	(NA)	(NA)	15	440	5	189
Cropland idle	99	1 960	(NA)	(NA)	67	1 485	48	1 132
Total woodland	110	2 030	99	1 880	83	1 624	69	1 498
Woodland pastured	18	366	(NA)	(NA)	15	288	9	231
Woodland not pastured	94	1 664	(NA)	(NA)	70	1 336	61	1 267
Other land	285	3 965	295	5 265	180	2 280	186	3 187
Pastureland and rangeland, other than cropland and woodland pastured	20	864	(NA)	(NA)	8	671	10	1 123
Land in house lots, ponds, roads, wasteland, etc	280	3 101	(NA)	(NA)	178	1 609	184	2 064
Pastureland, all types	83	1 898	(NA)	(NA)	51	1 439	(NA)	2 246
Irrigated land	60	559	63	1 169	57	556	52	1 131
Harvested cropland irrigated	59	(D)	(NA)	(NA)	56	(D)	52	(D)
Pastureland irrigated	–	–	(NA)	(NA)	–	–	(NA)	–
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Land set aside in the federal farm programs in 1978	32	587	(X)	(X)	27	541	(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]	463	11 781	441	9 424	317	11 551	305	9 219
Average per farm — dollars	(X)	25 445	(X)	21 370	(X)	36 437	(X)	30 226
Farms by value of agricultural products sold:[1]								
$100,000 or more	22	6 110	17	(NA)	22	6 110	17	(NA)
$40,000 to $99,999	51	3 154	43	(NA)	51	3 154	43	(NA)
$20,000 to $39,999	27	705	30	(NA)	27	705	30	(NA)
$10,000 to $19,999	56	764	48	(NA)	56	764	48	(NA)
$5,000 to $9,999	76	522	61	(NA)	76	522	61	(NA)
$2,500 to $4,999	85	296	87	(NA)	85	296	87	(NA)
Less than $2,500 (see text)	145	(D)	154	(NA)	(X)	(X)	19	(NA)
$2,000 to $2,499	28	60	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	32	53	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	34	41	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	51	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	388	10 776	396	8 551	287	10 594	(NA)	8 370
Grains	214	2 106	(NA)	(NA)	159	2 041	185	1 825
Commodity Credit Corporation loans	8	110	(NA)	(NA)	7	(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	49	(D)	(NA)	(NA)	34	(D)	29	43
Vegetables, sweet corn, and melons	76	946	(NA)	(NA)	57	896	58	987
Fruits, nuts, and berries	39	443	(NA)	(NA)	22	429	19	237
Nursery and greenhouse products	111	7 139	107	5 288	97	7 120	93	5 272
Other crops	3	(D)	(NA)	(NA)	2	(D)	4	6
Livestock, poultry, and their products	119	1 006	93	867	70	957	61	844
Poultry and poultry products	26	340	24	274	11	338	13	273
Dairy products	1	(D)	(NA)	(NA)	1	(D)	7	202
Cattle and calves	34	144	(NA)	(NA)	21	129	39	254
Hogs and pigs	32	170	(NA)	(NA)	19	161	19	68
Sheep, lambs, and wool	11	(D)	(NA)	(NA)	7	(D)	2	(D)
Other livestock and livestock products (see text)	52	302	(NA)	(NA)	30	281	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	463	441	33 450	410	32 201	23 501	60	5 449	3 688	559
Farms with—										
1 to 9 acres	106	88	431	85	377	255	24	86	54	34
10 to 49 acres	190	166	4 738	164	4 248	2 877	19	478	234	97
50 to 69 acres	41	41	2 381	39	2 271	1 504	2	(D)	(D)	(D)
70 to 99 acres	49	58	4 088	48	4 018	2 926	4	359	235	103
100 to 139 acres	20	27	2 362	18	2 144	1 628	–	–	–	–
140 to 179 acres	12	10	1 900	12	1 900	1 498	2	(D)	(D)	(D)
180 to 219 acres	6	11	1 219	6	1 219	1 081	1	(D)	(D)	(D)
220 to 259 acres	12	9	2 861	12	2 861	2 061	1	(D)	(D)	(D)
260 to 499 acres	20	18	7 693	19	7 386	5 792	4	1 260	659	141
500 to 999 acres	5	11	(D)	5	(D)	(D)	2	(D)	(D)	(D)
1,000 to 1,999 acres	2	2	(D)	2	(D)	(D)	1	(D)	(D)	(D)
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	463	33 450	441	37 489	317	28 652	305	31 889
Harvested cropland	410	23 501	414	25 425	290	21 676	288	23 732
Tenure of operator:								
Full owners	281	10 072	259	12 119	169	6 543	157	7 275
Harvested cropland	235	4 774	(NA)	5 377	146	3 696	(NA)	4 140
Part owners	128	16 038	128	17 840	104	15 112	99	17 247
Harvested cropland	123	12 536	(NA)	13 487	102	12 067	(NA)	13 076
Tenants	54	7 340	54	7 530	44	6 997	49	7 367
Harvested cropland	52	6 191	(NA)	6 561	42	5 913	(NA)	6 516
Type of organization:								
Individual or family	400	26 825	(NA)	(NA)	261	23 397	268	26 513
Partnership	40	3 691	(NA)	(NA)	34	3 471	24	4 772
Corporation	22	(D)	(NA)	(NA)	22	1 784	13	604
Other—cooperative, estate or trust, institutional, etc.	1	(D)	(NA)	(NA)	–	–	–	–

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by principal occupation:				
Farming	188	197	160	157
Other	275	230	157	135
Operators by age group:				
Under 25 years	4	12	2	9
25 to 34 years	58	22	43	18
35 to 44 years	74	78	45	42
45 to 54 years	126	116	90	85
55 to 64 years	125	109	85	76
65 years and over	76	90	52	62
Average age	51.4	53.3	51.4	53.3

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	319	292	208	194
Not on farm operated	100	86	76	68
Not reported	44	49	33	30
Operators reporting days of work off farm:				
None	156	123	119	97
1 to 49 days	16	24	15	14
50 to 99 days	10	8	7	7
100 to 149 days	20	4	15	4
150 to 199 days	20	16	14	7
200 days or more	220	180	128	105

[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	84	185	62	138	56	169	36	124
Feed for livestock and poultry	110	273	115	303	64	178	61	290
Commercially mixed formula feeds	51	138	93	265	24	124	56	258
Animal health costs	79	19	(NA)	(NA)	50	9	26	7
Seeds, bulbs, plants, and trees	311	905	271	549	238	896	195	540
Commercial fertilizer	262	530	313	514	205	526	224	501
Other agricultural chemicals including lime	237	233	204	168	203	227	163	164
Hired farm labor	134	1 490	116	1 425	133	(D)	100	1 410
Contract labor	46	43	12	12	34	21	11	(D)
Customwork, machine hire, and rental of machinery and equipment	105	80	85	73	79	75	62	70
Energy and petroleum products	463	979	(NA)	(NA)	332	944	(NA)	(NA)
Petroleum products	451	837	413	520	332	808	284	495
Gasoline	425	266	(NA)	(NA)	312	241	266	234
Diesel fuel	117	59	(NA)	(NA)	111	59	77	46
LP gas, butane, and propane	39	49	(NA)	(NA)	39	49	58	48
Fuel oil	65	27	(NA)	(NA)	54	26		
Natural gas	60	408	(NA)	(NA)	60	408	280	168
Kerosene, motor oil, and grease	451	28	(NA)	(NA)	332	24		
Electricity	280	137	(NA)	(NA)	228	132	(NA)	(NA)
Other—coal, wood, coke, etc.	33	5	(NA)	(NA)	27	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	256	17 072	199	16 591	224	17 268
Cropland fertilized, except pasture	256	17 024	199	16 543	(NA)	16 771
Pasture and rangeland fertilized	6	48	6	48	(NA)	497
Lime	5	1 575	5	1 575	5	130
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	90	6 780	73	6 541	(NA)	3 974
Nematodes in crops	15	1 197	15	1 197	–	–
Diseases in crops and orchards	62	1 624	46	1 543	17	341
Weeds, grass, or brush in crops and pasture	129	11 943	122	11 814	(NA)	9 896
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	21	73	16	38	–	–
Insect control on livestock and poultry	16	(X)	10	(X)	5	(X)
Sanitation and rodent and bird control	27	(X)	26	(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	463	406	332	275
$1,000	9 432	8 254	8 221	7 196
Average per farm—dollars	20 372	20 330	24 762	26 167
Farms by value group:				
$1 to $4,999	82	71	48	29
$5,000 to $9,999	121	110	70	49
$10,000 to $19,999	101	92	66	72

	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	48	70	44
$30,000 to $49,999	30	46	30	43
$50,000 to $69,999	17	19	17	19
$70,000 to $99,999	17		17	
$100,000 to $199,999	14	20	13	19
$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	310	418	216	260	132	158	306	415	282
Motortrucks including pickups	408	719	286	342	248	377	359	639	276
Wheel tractors	392	905	86	121	370	784	377	852	135
Grain and bean combines, self-propelled only	95	95	20	20	75	75	93	101	18
Corn heads for combines	44	44	15	15	29	29	33	34	12
Other cornpickers and picker-shellers	46	46	4	4	42	42	51	51	4
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	43	43	6	6	37	37	50	51	12
Pickup balers	68	72	10	14	58	58	83	84	15
Field forage harvesters, shear bar or flywheel type	15	15	8	8	7	7	23	27	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	134	51	(X)	124	(X)	133	100
Workers	990	(X)	251	(X)	739	(D)	1 251
Farms with—							
1 worker	16	12	12	16	16	16	19
2 workers	38	5	10	40	80	37	11
3 or 4 workers	27	13	41	23	75	27	13
5 to 9 workers	24	17	110	24	142	24	19
10 workers or more	29	4	78	21	426	29	38

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	151	(X)	127	(X)	80	(X)	78	(X)
Any cattle, hogs, or sheep	66	(X)	87	(X)	34	(X)	55	(X)
Sales:								
Any livestock or poultry and their products $1,000	119	1 006	93	867	70	957	61	844
Any cattle, hogs, or sheep $1,000	55	(D)	73	(NA)	34	(D)	49	325
CATTLE AND CALVES								
Inventory:								
Cattle and calves	50	604	78	1 851	24	457	48	1 722
Cows and heifers that had calved	31	275	54	1 049	12	219	40	1 005
Beef cows	19	187	40	730	9	(D)	31	699
Milk cows	16	88	22	319	7	(D)	15	306
Heifers and heifer calves	23	147	(NA)	(NA)	9	113	19	344
Steers, steer calves, bulls and bull calves	40	182	(NA)	(NA)	20	125	26	373
Sales:								
Cattle and calves	34	395	52	856	21	338	39	808
$1,000	(X)	144	(X)	(NA)	(X)	129	(X)	254
Calves	15	139	(NA)	(NA)	9	132	15	150
$1,000	(X)	37	(X)	(NA)	(X)	36	(X)	8
Cattle	31	256	(NA)	(NA)	20	206	33	658
$1,000	(X)	107	(X)	(NA)	(X)	93	(X)	247
Fattened cattle	24	202	(NA)	(NA)	16	159	21	455
$1,000	(X)	88	(X)	(NA)	(X)	77	(X)	173
Dairy products $1,000	1	(D)	(NA)	(NA)	1	(D)	7	202
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	35	1 560	33	852	18	1 412	18	730
Used or to be used for breeding	24	303	(NA)	(NA)	12	271	13	143
Other hogs and pigs	28	1 257	(NA)	(NA)	16	1 141	17	587
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	24	303	24	229	12	274	14	203
Dec. 1 of preceding year and May 31	22	156	17	98	12	142	9	87
June 1 and Nov. 30	17	147	22	131	10	132	13	116
Sheep and lambs	12	167	11	160	7	126	2	(D)
Ewes 1 year old or older	10	72	(NA)	(NA)	6	47	2	(D)
Goats	6	17	(NA)	(NA)	1	(D)	–	–
Horses and ponies	56	537	42	283	23	290	20	168
Sales:								
Hogs and pigs	32	1 914	34	1 402	19	1 752	19	1 184
$1,000	(X)	170	(X)	(NA)	(X)	161	(X)	(D)
Feeder pigs	10	421	12	514	4	354	6	432
$1,000	(X)	13	(X)	(NA)	(X)	11	(X)	8
Sheep and lambs	8	125	9	81	5	103	2	(D)
Sheep and lambs shorn	9	104	(NA)	(NA)	5	74	2	(D)
Pounds of wool	(X)	674	(X)	(NA)	(X)	436	(X)	(D)
Sheep, lambs, and wool $1,000	11	(D)	(NA)	(NA)	7	(D)	2	(D)
Goats	2	(D)	(NA)	(NA)	1	(D)	–	–
$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	–
Horses and ponies	31	98	8	21	20	83	4	13
$1,000	(X)	266	(X)	(NA)	(X)	252	(X)	21
POULTRY								
Inventory:								
Any poultry	59	(X)	49	(X)	29	(X)	26	(X)
Chickens 3 months old or older	45	(D)	47	33 470	24	(D)	24	32 667
Hens and pullets of laying age	44	(D)	45	33 308	23	(D)	22	(D)
Pullets 3 months old or older	7	245	(NA)	(NA)	3	135	2	(D)
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	14	672	5	82	10	402	2	(D)
Turkeys	8	1 215	(NA)	(NA)	6	(D)	–	–
Turkeys for slaughter	8	(D)	(NA)	(NA)	6	(D)	–	–
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	–	–	–	–
Other poultry	27	(X)	(NA)	(X)	9	(X)	4	(X)
Sales:								
Any poultry	19	(X)	14	(X)	10	(X)	9	(X)
Chickens 3 months old or older	7	(D)	13	12 611	3	(D)	8	12 514
Hens and pullets of laying age	7	(D)	11	12 609	3	(D)	8	12 514
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	365	1	(D)	2	(D)	1	(D)
Turkeys	5	5 713	(NA)	(NA)	3	(D)	1	(D)
Turkeys for slaughter	5	5 713	(NA)	(NA)	3	(D)	1	(D)
Turkey hens kept for breeding	–	–	(NA)	(NA)	–	–	–	–
Other poultry	6	(X)	(NA)	(X)	2	(X)	–	(X)
Poultry and poultry products $1,000	26	340	24	274	11	338	13	273

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	96	6 051	(X)	1	(D)	76	5 731	(X)	1	(D)
	1974	91	5 228	(X)	(NA)	(NA)	71	5 104	(X)	–	–
For grain or seed (bushels)	1978	94	5 931	383 045	1	(D)	75	(D)	370 462	1	(D)
	1974	86	4 763	252 137	(NA)	(NA)	67	4 641	247 879	–	–
For silage or green chop (tons, green)	1978	7	120	1 040	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	13	463	4 014	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Sorghums for all purposes	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	3	25	(X)	(NA)	(NA)	3	25	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Cut for dry forage or hay (tons, dry)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	–	–
Hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Wheat for grain (bushels)	1978	44	996	31 202	–	–	41	963	30 446	–	–
	1974	94	2 761	91 618	(NA)	(NA)	75	2 614	87 105	–	–
Oats for grain (bushels)	1978	31	445	20 695	–	–	28	424	19 952	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	33	628	26 298	–	–
Barley for grain (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
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	185	11 283	199 557	–	–	145	10 651	191 018	–	–
	1974	198	12 041	195 899	(NA)	(NA)	159	11 582	189 936	2	(D)
Peanuts for nuts (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Cotton (bales)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Tobacco (pounds)	1978	–	–	–	–	–	–	–	–	–	–
	1974	1	(D)	(D)	(NA)	(NA)	–	–	–	–	–
Irish potatoes (hundredweight)	1978	6	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	4	11	1 106	(NA)	(NA)	2	(D)	(D)	–	–
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	82	2 688	4 260	–	–	46	2 059	3 461	–	–
	1974	75	2 048	3 209	(NA)	(NA)	52	1 368	2 126	–	–
Alfalfa hay (tons, dry)	1978	52	1 280	2 674	–	–	32	1 053	2 345	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	716	1 224	–	–
Other tame dry hay (tons, dry) (see text)	1978	28	723	1 163	–	–	15	410	788	–	–
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	76	1 612	(X)	10	197	57	1 533	(X)	10	197
	1974	95	1 714	(X)	(NA)	(NA)	60	1 629	(X)	19	682
Sweet corn	1978	43	972	(X)	4	109	31	940	(X)	4	109
	1974	(NA)	(NA)	(X)	(NA)	(NA)	39	901	(X)	7	371
Tomatoes	1978	53	150	(X)	4	(D)	38	134	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	45	137	(X)	12	41
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	2	(X)	1	(D)
Land in orchards	1978	45	354	(X)	–	–	17	237	(X)	–	–
	1974	39	399	(X)	(NA)	(NA)	13	274	(X)	–	–
Apples (pounds)	1978	40	246	2 168 905	(NA)	(NA)	16	173	2 082 325	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	173	1 972 887	(NA)	(NA)
Peaches (pounds)	1978	14	33	(D)	(NA)	(NA)	6	23	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	1978	16	12	11 089	(NA)	(NA)	7	3	3 711	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	2	6 000	(NA)	(NA)
Berries	1978	20	70	(X)	6	60	14	66	(X)	6	60
	1974	19	79	(X)	(NA)	(NA)	8	51	(X)	6	48
Strawberries (pounds)	1978	19	67	278 302	6	60	13	64	272 452	6	60
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	8	50	274 213	6	47
Nursery and greenhouse products	1978	111	709	(X)	46	190	97	701	(X)	43	189
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	227	44 031	232	42 888	126	31 786	123	29 326
Average size of farm	(X)	194	(X)	185	(X)	252	(X)	238
Approximate land area	(X)	357 760	(X)	357 760	(X)	357 760	(X)	357 760
Proportion in farms — percent	(X)	12.3	(X)	12.0	(X)	8.9	(X)	8.2
Value of land and buildings:[1]								
Average per farm — dollars	108 494	(X)	59 418	(X)	147 414	(X)	78 301	(X)
Average per acre — dollars	(X)	562	(X)	321	(X)	575	(X)	328
Land in farms according to use:								
Total cropland	223	27 542	224	26 270	124	21 218	118	18 810
Harvested cropland	208	18 057	208	14 481	116	15 244	115	12 109
By acres harvested:								
1 to 9 acres	19	86	24	(NA)	6	(D)	5	(NA)
10 to 19 acres	24	339	31	(NA)	2	(D)	10	(NA)
20 to 29 acres	24	556	21	(NA)	7	171	2	(NA)
30 to 49 acres	41	1 516	33	(NA)	17	663	14	(NA)
50 to 99 acres	45	2 999	50	(NA)	33	2 282	35	(NA)
100 to 199 acres	35	5 003	34	(NA)	31	4 515	34	(NA)
200 to 499 acres	16	5 033	14	(NA)	16	5 033	14	(NA)
500 to 999 acres	4	2 525	1	(NA)	4	2 525	1	(NA)
1,000 acres or more	–	–	–	(NA)	–	–	–	(NA)
Cropland used only for pasture	106	4 628	146	7 122	67	3 249	72	3 879
Other cropland	136	4 857	106	4 667	76	2 725	49	2 822
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	59	1 378	(NA)	(NA)	33	844	16	281
Cropland on which all crops failed	26	308	(NA)	(NA)	11	200	7	78
Cropland in cultivated summer fallow	30	496	(NA)	(NA)	19	430	19	732
Cropland idle	85	2 675	(NA)	(NA)	42	1 251	30	1 731
Total woodland	174	10 330	175	11 012	95	6 248	97	6 868
Woodland pastured	42	2 027	(NA)	(NA)	27	1 362	37	1 839
Woodland not pastured	154	8 303	(NA)	(NA)	83	4 886	75	5 029
Other land	182	6 159	170	5 606	99	4 320	93	3 648
Pastureland and rangeland, other than cropland and woodland pastured	26	1 383	(NA)	(NA)	14	948	18	1 026
Land in house lots, ponds, roads, wasteland, etc	177	4 776	(NA)	(NA)	98	3 372	92	2 622
Pastureland, all types	126	8 038	(NA)	(NA)	75	5 559	(NA)	6 744
Irrigated land	9	269	5	37	6	245	5	37
Harvested cropland irrigated	7	206	(NA)	(NA)	6	(D)	5	37
Pastureland irrigated	2	(D)	(NA)	(NA)	2	(D)	(NA)	–
Other land irrigated	3	(D)	(NA)	(NA)	–	–	–	–
Land set aside in the federal farm programs in 1978	63	658	(X)	(X)	49	603	(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]	227	3 276	232	2 789	126	3 190	123	2 682
Average per farm — dollars	(X)	14 430	(X)	12 022	(X)	25 321	(X)	21 805
Farms by value of agricultural products sold:[1]								
$100,000 or more	7	921	6	(NA)	7	921	6	(NA)
$40,000 to $99,999	15	952	11	(NA)	15	952	11	(NA)
$20,000 to $39,999	26	779	22	(NA)	26	779	22	(NA)
$10,000 to $19,999	16	234	25	(NA)	16	234	25	(NA)
$5,000 to $9,999	22	157	31	(NA)	22	157	31	(NA)
$2,500 to $4,999	40	148	27	(NA)	40	148	27	(NA)
Less than $2,500 (see text)	101	85	110	(NA)	(X)	(X)	1	(NA)
$2,000 to $2,499	13	29	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,500 to $1,999	11	19	(NA)	(NA)	(X)	(X)	(X)	(X)
$1,000 to $1,499	15	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than $1,000	62	18	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	–	–	–	(NA)	(X)	(X)	(X)	(X)
Crops	120	808	157	732	77	762	(NA)	677
Grains	46	209	(NA)	(NA)	35	202	46	155
Commodity Credit Corporation loans	3	(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	90	282	(NA)	(NA)	57	245	60	159
Vegetables, sweet corn, and melons	14	217	(NA)	(NA)	12	(D)	9	159
Fruits, nuts, and berries	3	(D)	(NA)	(NA)	2	(D)	4	(D)
Nursery and greenhouse products	4	93	5	184	4	93	5	184
Other crops	1	(D)	(NA)	(NA)	1	(D)	2	(D)
Livestock, poultry, and their products	119	2 468	166	2 028	82	2 428	99	1 983
Poultry and poultry products	7	(D)	10	138	3	(D)	6	138
Dairy products	37	1 508	(NA)	(NA)	36	(D)	40	1 167
Cattle and calves	93	358	(NA)	(NA)	62	324	89	416
Hogs and pigs	15	304	(NA)	(NA)	12	302	3	(D)
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Other livestock and livestock products (see text)	14	187	(NA)	(NA)	12	(D)	6	216

[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	227	232	44 031	208	42 071	18 057	9	2 501	969	269
Farms with—										
1 to 9 acres	5	9	28	2	(D)	(D)	1	(D)	(D)	(D)
10 to 49 acres	35	25	1 102	31	975	508	2	(D)	(D)	(D)
50 to 69 acres	7	8	416	3	186	91	–	–	–	–
70 to 99 acres	31	36	2 530	27	2 193	851	2	(D)	–	(D)
100 to 139 acres	32	28	3 754	32	3 754	1 123	–	–	–	–
140 to 179 acres	26	28	4 043	25	3 883	1 513	–	–	–	–
180 to 219 acres	14	26	2 718	14	2 718	913	–	–	–	–
220 to 259 acres	20	17	4 774	20	4 774	1 928	1	(D)	(D)	(D)
260 to 499 acres	44	43	14 912	41	13 824	5 964	1	(D)	(D)	(D)
500 to 999 acres	12	12	(D)	12	8 744	4 772	2	(D)	(D)	(D)
1,000 to 1,999 acres	1	–	(D)	1	(D)	(D)	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–	–	–	–

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

	All farms				Farms with sales of $2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	227	44 031	232	42 888	126	31 786	123	29 326
Harvested cropland	208	18 057	208	14 481	116	15 244	115	12 109
Tenure of operator:								
Full owners	159	22 154	177	27 997	68	(D)	82	16 216
Harvested cropland	144	6 625	(NA)	7 728	61	(D)	(NA)	5 708
Part owners	62	20 696	52	14 859	54	19 608	41	13 110
Harvested cropland	60	10 481	(NA)	6 727	52	10 003	(NA)	6 401
Tenants	6	1 181	3	32	4	(D)	–	–
Harvested cropland	4	951	(NA)	26	3	(D)	(NA)	–
Type of organization:								
Individual or family	213	40 919	(NA)	(NA)	115	29 076	117	27 598
Partnership	13	(D)	(NA)	(NA)	10	(D)	4	(D)
Corporation	1	(D)	(NA)	(NA)	1	(D)	2	(D)
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	102	97	74	77
Other	125	133	52	44
Operators by age group:				
Under 25 years	2	3	1	–
25 to 34 years	18	18	15	8
35 to 44 years	51	39	27	28
45 to 54 years	58	67	30	40
55 to 64 years	60	74	35	40
65 years and over	38	29	18	5
Average age	51.9	52.4	50.7	50.7

	All farms		Farms with sales of $2,500 or more	
	1978	[1]1974	1978	[1]1974
Operators by place of residence:				
On farm operated	191	189	110	107
Not on farm operated	11	16	4	6
Not reported	25	25	12	8
Operators reporting days of work off farm:				
None	76	52	54	31
1 to 49 days	16	12	8	7
50 to 99 days	9	8	7	6
100 to 149 days	6	12	5	9
150 to 199 days	16	9	9	6
200 days or more	95	108	37	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	65	137	88	176	39	125	49	156
Feed for livestock and poultry	93	404	151	475	55	391	84	452
Commercially mixed formula feeds	36	304	80	282	31	300	48	274
Animal health costs	54	19	(NA)	(NA)	37	19	63	20
Seeds, bulbs, plants, and trees	153	100	136	58	106	93	86	52
Commercial fertilizer	132	186	132	132	79	169	86	121
Other agricultural chemicals including lime	113	75	96	39	67	66	65	35
Hired farm labor	55	202	54	115	41	201	41	113
Contract labor	7	71	4	16	7	71	3	(D)
Customwork, machine hire, and rental of machinery and equipment	84	34	60	26	58	29	34	20
Energy and petroleum products	227	248	(NA)	(NA)	125	214	(NA)	(NA)
Petroleum products	227	171	227	133	125	149	122	108
Gasoline	216	94	(NA)	(NA)	114	75	114	78
Diesel fuel	80	47	(NA)	(NA)	75	46	58	20
LP gas, butane, and propane	7	8	(NA)	(NA)	7	8	6	1
Fuel oil	18	7	(NA)	(NA)	13	7		
Natural gas	10	1	(NA)	(NA)	10	1	122	9
Kerosene, motor oil, and grease	227	15	(NA)	(NA)	125	12		
Electricity	141	73	(NA)	(NA)	95	(D)	(NA)	(NA)
Other—coal, wood, coke, etc.	6	4	(NA)	(NA)	1	(D)	(NA)	(NA)

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

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

	All farms		Farms with sales of $2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	132	8 436	79	7 843	86	4 464
Cropland fertilized, except pasture	132	8 211	79	7 618	(NA)	4 427
Pasture and rangeland fertilized	5	225	5	225	(NA)	37
Lime	46	623	41	563	21	1 012
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	48	1 747	34	1 417	(NA)	1 004
Nematodes in crops	–	–	–	–	–	–
Diseases in crops and orchards	5	10	–	–	2	(D)
Weeds, grass, or brush in crops and pasture	97	5 575	56	4 801	(NA)	2 326
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	9	144	–	–	1	(D)
Insect control on livestock and poultry	24	(X)	13	(X)	13	(X)
Sanitation and rodent and bird control	6	(X)	6	(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	227	228	125	122
$1,000	4 250	3 271	3 696	2 364
Average per farm—dollars	18 721	14 346	29 571	19 377
Farms by value group:				
$1 to $4,999	32	50	1	15
$5,000 to $9,999	81	64	11	22
$10,000 to $19,999	33	53	33	34

	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	45	40	45	31
$30,000 to $49,999	16	10	15	9
$50,000 to $69,999	9	9	9	9
$70,000 to $99,999	5	2	5	2
$100,000 to $199,999	6		6	
$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	167	228	95	98	99	130	187	251	133
Motortrucks including pickups	140	197	58	84	88	113	171	202	92
Wheel tractors	212	433	33	40	201	393	212	429	45
Grain and bean combines, self-propelled only	39	40	7	7	32	33	12	14	1
Corn heads for combines	34	34	7	7	27	27	2	(D)	–
Other cornpickers and picker-shellers	64	64	8	8	56	56	42	43	2
Cottonpickers	–	–	–	–	–	–	(NA)	(NA)	(NA)
Mower conditioners	82	82	16	16	66	66	68	69	26
Pickup balers	103	110	12	12	92	98	105	108	24
Field forage harvesters, shear bar or flywheel type	65	72	16	17	50	55	52	59	14

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers—Farms with sales of $2,500 or more	
		Working 150 days or more		Working less than 150 days			
	Any	Farms	Workers	Farms	Workers	1978	1974
Farms	55	12	(X)	52	(X)	41	41
Workers	278	(X)	25	(X)	253	239	227
Farms with—							
1 worker	21	5	5	20	(D)	12	16
2 workers	2	6	(D)	2	(D)	2	4
3 or 4 workers	7	–	–	11	(D)	7	9
5 to 9 workers	20	1	(D)	14	101	15	8
10 workers or more	5	–	–	5	85	5	4

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	150	(X)	179	(X)	92	(X)	100	(X)
Any cattle, hogs, or sheep	122	(X)	162	(X)	71	(X)	93	(X)
Sales:								
Any livestock or poultry and their products $1,000	119	2 468	166	2 028	82	2 428	99	1 983
Any cattle, hogs, or sheep $1,000	104	(D)	145	(NA)	70	(D)	92	462
CATTLE AND CALVES								
Inventory:								
Cattle and calves	111	3 857	156	5 592	65	3 375	90	4 684
Cows and heifers that had calved	92	1 862	120	2 383	57	1 651	70	1 986
Beef cows	54	441	78	917	22	244	36	547
Milk cows	46	1 421	51	1 466	40	1 407	39	1 439
Heifers and heifer calves	87	1 218	(NA)	(NA)	56	1 099	64	1 292
Steers, steer calves, bulls and bull calves	99	777	(NA)	(NA)	59	625	79	1 406
Sales:								
Cattle and calves	93	1 383	138	2 121	62	1 236	89	1 949
$1,000	(X)	358	(X)	(NA)	(X)	324	(X)	416
Calves	54	743	(NA)	(NA)	42	673	48	751
$1,000	(X)	80	(X)	(NA)	(X)	71	(X)	65
Cattle	77	640	(NA)	(NA)	53	563	83	1 198
$1,000	(X)	278	(X)	(NA)	(X)	253	(X)	351
Fattened cattle	21	121	(NA)	(NA)	11	103	16	195
$1,000	(X)	52	(X)	(NA)	(X)	44	(X)	58
Dairy products $1,000	37	1 508	(NA)	(NA)	36	(D)	40	1 167
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	23	826	28	(D)	14	789	10	(D)
Used or to be used for breeding	14	457	(NA)	(NA)	10	447	3	93
Other hogs and pigs	16	369	(NA)	(NA)	10	342	10	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	14	704	10	109	10	692	3	93
Dec. 1 of preceding year and May 31	11	227	9	59	7	221	3	(D)
June 1 and Nov. 30	14	477	6	50	10	471	1	(D)
Sheep and lambs	2	(D)	6	322	2	(D)	2	(D)
Ewes 1 year old or older	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Goats	2	(D)	(NA)	(NA)	–	–	–	–
Horses and ponies	34	109	33	73	19	70	18	46
Sales:								
Hogs and pigs	15	5 603	10	(D)	12	5 581	3	(D)
$1,000	(X)	304	(X)	(NA)	(X)	302	(X)	(D)
Feeder pigs	7	4 648	7	715	7	4 648	2	(D)
$1,000	(X)	232	(X)	(NA)	(X)	232	(X)	(D)
Sheep and lambs	1	(D)	4	185	1	(D)	2	(D)
Sheep and lambs shorn	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep, lambs, and wool $1,000	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Goats	–	–	(NA)	(NA)	–	–	–	–
$1,000	(X)	–	(X)	(NA)	(X)	–	(X)	–
Horses and ponies	4	13	–	–	3	(D)	–	–
$1,000	(X)	12	(X)	(NA)	(X)	(D)	(X)	–
POULTRY								
Inventory:								
Any poultry	31	(X)	38	(X)	14	(X)	12	(X)
Chickens 3 months old or older	28	(D)	38	1 031	12	(D)	12	426
Hens and pullets of laying age	28	(D)	35	866	12	(D)	12	337
Pullets 3 months old or older	8	140	(NA)	(NA)	2	(D)	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	–	–	–	–
Broilers and other meat-type chickens	6	74	4	254	–	–	1	(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	4	(X)	(NA)	(X)	3	(X)	1	(X)
Sales:								
Any poultry	3	(X)	3	(X)	3	(X)	3	(X)
Chickens 3 months old or older	3	(D)	2	(D)	3	(D)	2	(D)
Hens and pullets of laying age	3	(D)	2	(D)	3	(D)	2	(D)
Pullets 3 months old or older	–	–	(NA)	(NA)	–	–	–	–
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	1	(D)	–	–
Broilers and other meat-type chickens	1	(D)	–	–	1	(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)	1	(X)
Poultry and poultry products $1,000	7	(D)	10	138	3	(D)	6	138

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	104	4 317	(X)	4	110	77	4 130	(X)	4	110
	1974	107	2 647	(X)	(NA)	(NA)	68	2 217	(X)	–	–
For grain or seed (bushels)	1978	89	2 747	184 310	4	(D)	69	2 629	179 328	4	(D)
	1974	81	1 323	67 523	(NA)	(NA)	50	1 022	57 247	–	–
For silage or green chop (tons, green)	1978	57	1 570	16 642	2	(D)	48	1 501	16 125	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	48	1 173	11 346	–	–
For fodder, hogged or grazed	1978	–	–	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	3	22	(X)	–	–
Sorghums for all purposes	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	–	–
For grain or seed (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
For silage or green chop (tons, green)	1978	2	(D)	(D)	–	–	2	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	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	20	717	14 994	–	–	19	(D)	(D)	–	–
	1974	40	689	26 695	(NA)	(NA)	28	620	24 540	–	–
Oats for grain (bushels)	1978	48	805	31 162	–	–	40	712	28 522	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	45	710	28 245	–	–
Barley for grain (bushels)	1978	2	(D)	(D)	–	–	–	–	–	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	–	–
Rye for grain (bushels)	1978	6	81	1 850	–	–	5	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	3	88	2 600	–	–
Other small grains for grain	1978	1	(D)	(X)	–	–	–	–	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	–	–	(X)	–	–
Soybeans for beans (bushels)	1978	2	(D)	(D)	1	(D)	2	(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	3	2	135	–	–	3	2	135	–	–
	1974	10	9	820	(NA)	(NA)	4	6	520	2	(D)
Sweetpotatoes (bushels)	1978	–	–	–	–	–	–	–	–	–	–
	1974	–	–	–	(NA)	(NA)	–	–	–	–	–
Hay crops (tons, dry) (see text)	1978	186	11 569	15 593	3	78	101	9 042	13 050	3	78
	1974	167	8 861	14 418	(NA)	(NA)	96	7 091	12 254	–	–
Alfalfa hay (tons, dry)	1978	173	9 611	12 886	3	78	95	7 293	10 532	3	78
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	87	5 137	9 538	–	–
Other tame dry hay (tons, dry) (see text)	1978	11	381	361	–	–	4	289	260	–	–
Field seed crops	1978	2	(D)	(X)	–	–	2	(D)	(X)	–	–
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	130	(X)	–	–
Alfalfa seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	–	–	–
Red clover seed (pounds)	1978	1	(D)	(D)	–	–	1	(D)	(D)	–	–
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	4	118	20 750	–	–
All vegetables harvested for sale (see text)	1978	14	868	(X)	2	(D)	12	(D)	(X)	1	(D)
	1974	20	909	(X)	(NA)	(NA)	9	876	(X)	2	(D)
Sweet corn	1978	4	4	(X)	2	(D)	2	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Tomatoes	1978	2	(D)	(X)	1	(D)	–	–	(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	6	11	(X)	–	–	2	(D)	(X)	–	–
	1974	6	30	(X)	(NA)	(NA)	3	26	(X)	–	–
Apples (pounds)	1978	3	6	(D)	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7	24 650	(NA)	(NA)
Peaches (pounds)	1978	1	(D)	–	(NA)	(NA)	–	–	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text)	1978	1	(D)	–	(NA)	(NA)	1	(D)	–	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	(NA)	(NA)
Berries	1978	4	4	(X)	2	(D)	3	(D)	(X)	1	(D)
	1974	4	8	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Strawberries (pounds)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	–	–	–	–	–
Nursery and greenhouse products	1978	4	64	(X)	1	(D)	4	64	(X)	1	(D)
Other crops	1978	1	(D)	(X)	(NA)	(NA)	1	(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 134 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	8.2
Land in farms	6.9
Value of agricultural products sold	4.8
Harvested cropland	6.9
Corn for grain or seed acres	6.7
Wheat for grain acres	7.2
Inventory:	
Cattle and calves	5.3
Hens and pullets of laying age	1.2
Hogs and pigs	5.5

Mail List Sampling

To obtain county data for appropriate items without burdening all farm operators, data for Sections 22 through 27 of the report form 78-A1(S) were collected only from a sample of farms. The sample was selected from the mail list and consisted of all addresses in a certainty stratum and a random sample of addresses from the noncertainty stratum. The certainty stratum consisted of all addresses meeting specified size criteria in terms of indicated acreage and/or value of sales. Certainty size criteria varied by State from 1,000 to 5,000 indicated acres and from $40,000 to $200,000 indicated value of sales based on historic or mail list source data. All addresses in counties with less than 100 farms in 1974 were also selected as certainty. Noncertainty addresses in counties with 100 to 199 farms in 1974 were sampled at a rate of 1 in 2, and noncertainty addresses in counties with 200 farms or more in 1974 were sampled at a rate of 1 in 5.

Several elements of the sampling from the mail list and associated data collection may introduce substantial variation and a potential bias into the resulting data. First, the mail list from which the sample was selected contained about 50 percent nonfarm names and addresses which were not identifiable at the time of selection. Both farm and nonfarm names and addresses were selected into the sample. As a result, the farm data actually tabulated came only from part of the sample, specifically the names and addresses which represented farms. Secondly, the stratification was based on size information from several sources and of varying quality. Size information was not available for a substantial proportion of the names and addresses. In addition, sample and nonsample forms may have been returned at a different rate by respondents.

In order to improve the precision and minimize the bias of estimates from the sample, post-stratification was used to produce estimates. Basically, this consisted of classifying all farms into relatively homogenous strata and weighting sample farms within each stratum by the ratio of total farms to sample farms.

Farms meeting certainty size criteria during sample selection and those identified during processing as meeting similar criteria were assigned to a certainty stratum. All other farms were assigned to 64 strata. Farms with sales of less than $2,500 were classified into eight size-of-farm groups (less than 10 acres, 10 to 49 acres, 50 to 69 acres, 70 to 99 acres, 100 to 199 acres, 200 to 259 acres, 260 to 499 acres, and 500 acres or more); within each of two value-of-sales groups (less than $1,500 and $1,500 to $2,499); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms). Farms with sales of $2,500 or more were classified into four size-of-farm groups (less than 50 acres, 50 to 99 acres, 100 to 259 acres, and 260 acres or more); within each of the four value-of-sales groups ($2,500 to $4,999, $5,000 to $9,999, $10,000 to $19,999, and $20,000 or more); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms).

Each stratum was examined and collapsed into another stratum if (1) the stratum contained less than 20 sample farms; or (2) the calculated weight for the stratum was greater than 10 in counties sampled at a rate of 1 in 5 and greater than 4 in counties sampled at a rate of 1 in 2.

The post-stratification provided weights to be assigned to farms in each of the final collapsed strata such that the total of the weights for sample farms in the stratum would be equal to the total number of farms in the stratum.

Estimates were prepared for items in Sections 22 through 27 of the report form by multiplying the data for each item for each farm in the sample by the weight assigned to the farm. The weight for a certainty farm was 1.

Reliability of Census Estimates

Sampling variability in census data may arise from several sources, some affecting all data and others affecting only certain items or geographic levels of tabulation.

The sampling involved in the imputation for nonrespondents affects all data items at all geographic levels of tabulation. However, farms above specified size limits were not eligible for selection to represent nonrespondents. The size limits varied by State from $60,000 to $150,000 and from 1,000 to 2,000 acres. As a result of these limits, the sampling variability arises primarily from smaller farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected.

Estimates from the direct enumeration sample are not included in county totals but contribute to sampling variability of State totals for all data items.

The sample selected from the mail list provides estimated data only for Sections 22 through 27 of the report form. It contributes to sampling variability only for the items in these sections. Including the certainty farms and sample farms, data for Sections 22 through 27 were collected on approximately 26 percent of the farms nationwide.

Table B includes estimates of sampling reliability of State totals for a selected set of items. The estimates of sampling reliability for total number of farms, land in farms, harvested cropland, irrigated land, crops harvested, livestock, and value of agricultural products sold include components of variation for nonresponse imputation and for the direct enumeration sample. The component of variation for nonresponse imputation is relatively small and the direct enumeration sample is the major source of variation for these items. Estimates of sampling reliability for fertilizer use, chemical use, value of machinery and equipment, and value of land and buildings contain components of variation for the direct enumeration sample and the mail list sample.

Table C contains estimates of sampling reliability for the estimated number of farms in a county reporting an item in table D. These estimates of sampling reliability contain 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	68,237	1.2	47,796	0.7
Land in farms	acres	11,448,182	.6	10,224,206	.5
Harvested cropland	farms	62,951	1.0	45,888	.7
	acres	6,953,675	.5	6,609,166	.5
Irrigated land	farms	3,192	1.2	2,901	1.3
	acres	226,208	.6	224,658	.6
Agricultural products sold	farms	68,237	1.0	47,796	.7
	$1,000	1,941,095	.3	1,916,846	.3
Crops	farms	51,210	.9	40,147	.7
	$1,000	1,013,585	.5	1,000,471	.5
Livestock, poultry, and their products	farms	34,373	1.5	25,817	.8
	$1,000	927,510	.4	916,376	.5
Value of machinery and equipment	farms	68,136	1.2	48,122	.7
	$1,000	2,072,471	.9	1,915,216	1.0
Average value of land and buildings per farm	dollars	163,311	.9	204,613	.8
Corn for grain or seed	farms	35,407	.8	29,873	.6
	acres	2,385,858	.6	2,325,383	.6
	bushels	188,175,469	.6	185,039,920	.6
Wheat for grain	farms	14,383	1.1	13,160	1.0
	acres	382,166	1.3	369,809	1.3
	bushels	15,044,875	1.2	14,718,224	1.3
Soybeans for beans	farms	14,506	1.6	13,003	1.6
	acres	898,071	.6	877,529	.6
	bushels	21,355,414	.6	21,044,961	.6
Cattle and calves inventory	farms	28,406	2.0	20,280	.7
	number	1,276,204	.6	1,207,872	.6
Cattle and calves sold	farms	24,534	1.1	19,868	.8
	number	685,940	.6	665,600	.6
	$1,000	263,312	.5	257,710	.5
Hogs and pigs inventory	farms	10,907	4.2	7,167	1.6
	number	958,231	.9	916,984	.7
Hogs and pigs sold	farms	9,431	3.7	7,157	1.6
	number	1,417,675	.8	1,382,737	.7
	$1,000	126,173	.7	124,188	.6
Sheep and lambs inventory	farms	2,615	11.0	1,485	4.1
	number	112,678	11.0	85,016	1.3
Sheep and lambs sold	farms	2,258	12.0	1,348	.7
	number	77,736	2.5	68,105	1.9
Hens and pullets of laying age inventory	farms	7,935	4.7	4,026	1.9
	number	6,266,068	1.4	6,141,951	1.4
Hens and pullets of laying age sold	farms	1,202	3.0	1,005	3.5
	number	4,565,570	1.4	4,543,067	1.4
Commercial fertilizer used	farms	50,833	1.0	40,932	.8
	acres	5,745,950	.7	5,587,505	.8
Commercial fertilizer purchased	farms	51,962	1.0	41,586	.8
	$1,000	175,929	.8	172,063	.8
Agricultural chemicals purchased	farms	47,047	1.0	38,661	.9
	$1,000	68,555	.9	67,091	.9
Chemicals used on crops for insect control	farms	17,801	1.8	15,123	1.5
	acres	1,551,173	1.7	1,522,215	1.7
Chemicals used on crops for disease control	farms	7,659	3.0	5,959	2.2
	acres	419,475	2.9	406,540	3.0
Gasoline purchased	farms	63,969	1.2	45,413	.8
	1,000 gallons	81,896	.7	(NA)	(NA)
	$1,000	48,248	.7	44,625	.7
Diesel fuel purchased	farms	30,923	1.2	27,522	1.2
	1,000 gallons	60,663	.9	(NA)	(NA)
	$1,000	29,236	.9	28,748	.9
Livestock and poultry purchased	farms	21,323	2.4	14,889	1.4
	$1,000	148,965	1.8	144,249	1.7
Feed purchased	farms	33,390	1.9	23,690	1.3
	$1,000	184,066	1.1	177,618	1.1
Hired farm labor	farms	22,925	1.2	20,314	1.1
	$1,000	137,307	1.0	134,991	1.0

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	20.0	1,500 farms	1.0
100 farms	12.0	2,000 farms	.5
250 farms	8.0	3,000 farms	(NA)
500 farms	6.0	4,000 farms	(NA)
750 farms	4.0	5,000 farms	(NA)

Table D. **Estimates of the Sampling Reliability of County Totals for Selected Items: 1978**

County	Average value of land and buildings per farm		Value of machinery and equipment		Acres fertilized		Chemicals used on crops for--			
							Insect control		Disease control	
	Value dollars	Standard error (percent)	Value ($1,000)	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Alcona	89,815	8.7	3,700	8.1	5,442	14.0	480	9.0	233	50.0
Alger	100,465	.0	2,177	.0	2,910	.0	201	.0	223	.0
Allegan	143,181	2.8	56,528	2.5	142,431	2.5	48,865	5.0	14,795	8.9
Alpena	72,313	5.5	8,934	6.3	16,788	9.3	4,111	22.0	550	14.0
Antrim	164,432	6.4	9,520	6.4	24,148	9.2	7,135	19.0	5,421	11.0
Arenac	161,420	5.5	18,068	7.9	51,798	7.4	6,899	18.0	1,813	34.0
Baraga	78,003	.0	1,464	.0	1,586	.0	801	.0	192	.0
Barry	137,053	3.8	26,106	4.8	72,250	6.2	18,603	8.5	1,776	29.0
Bay	199,147	2.5	47,614	3.6	142,384	3.2	23,315	6.6	6,861	19.0
Benzie	109,688	6.3	4,203	6.2	6,401	6.7	1,643	12.0	4,248	9.6
Berrien	121,989	3.0	51,387	3.3	103,843	3.6	42,981	6.4	37,058	5.2
Branch	163,919	2.7	41,265	3.0	138,878	3.0	43,947	6.6	3,181	22.0
Calhoun	153,558	2.8	37,523	3.7	126,339	2.9	48,523	5.9	5,727	8.3
Cass	195,751	4.7	37,233	4.3	104,832	3.7	35,718	5.7	6,267	16.0
Charlevoix	115,618	9.2	6,247	12.0	12,784	8.7	2,788	8.2	1,739	.3
Cheboygan	104,796	4.2	4,719	5.7	9,714	7.6	2,800	19.0	(D)	(D)
Chippewa	85,455	7.2	7,754	7.7	17,919	13.0	3,427	23.0	882	42.0
Clare	104,188	5.8	7,203	5.7	13,480	7.8	3,692	11.0	117	12.0
Clinton	151,654	3.0	52,116	3.9	153,977	3.1	32,575	7.8	7,174	46.0
Crawford	75,517	.0	142	.0	131	.0	110	.0	(D)	(D)
Delta	92,990	6.4	8,841	7.4	18,584	16.0	3,746	29.0	2,079	38.0
Dickinson	149,725	5.7	6,060	8.3	5,425	9.1	1,491	13.0	1,189	16.0
Eaton	151,234	3.4	37,790	3.7	132,455	3.3	39,444	8.9	6,835	21.0
Emmet	94,579	7.5	4,609	9.2	8,361	12.0	1,906	36.0	680	24.0
Genesee	187,504	4.2	30,474	5.7	86,281	3.8	28,841	9.3	5,688	17.0
Gladwin	111,085	7.9	9,009	9.4	27,278	10.0	6,601	24.0	2,060	58.0
Gogebic	53,453	.0	888	.0	658	.0	(D)	(D)	(D)	(D)
Grand Traverse	203,078	7.6	18,336	8.4	28,439	8.4	10,689	16.0	15,123	8.1
Gratiot	202,472	2.8	54,328	3.2	191,448	2.2	52,625	8.4	2,693	17.0
Hillsdale	163,964	4.0	42,095	3.5	146,472	4.5	49,414	6.8	2,122	37.0
Houghton	69,847	15.0	3,893	13.0	4,016	14.0	900	39.0	335	28.0
Huron	271,705	2.4	86,459	2.9	279,951	1.9	54,638	7.6	6,496	17.0
Ingham	219,479	2.9	39,081	3.9	134,167	3.4	53,713	6.4	6,927	6.6
Ionia	163,086	3.5	45,373	4.7	128,527	4.3	38,380	7.8	6,112	20.0
Iosco	144,016	5.5	6,652	15.0	15,140	8.9	2,162	17.0	-	.0
Iron	83,763	.0	2,038	.0	2,159	.0	1,070	.0	418	.0
Isabella	150,072	3.7	35,630	4.4	114,615	3.1	20,141	7.4	4,005	26.0
Jackson	181,805	3.3	37,416	3.9	121,088	3.4	51,005	7.8	7,091	24.0
Kalamazoo	209,419	4.6	32,203	5.0	105,061	5.9	41,120	9.9	4,799	26.0
Kalkaska	128,083	.0	2,326	.0	5,234	.0	1,162	.0	-	.0
Kent	176,006	3.8	51,068	4.9	124,329	4.7	44,096	7.6	20,031	8.3
Keweenaw	9,900	.0	29	.0	(D)	(D)	(D)	(D)	(D)	(D)
Lake	81,863	7.4	1,930	7.1	2,487	11.0	342	33.0	213	47.0
Lapeer	220,450	6.6	48,545	4.6	108,446	4.2	29,412	7.5	4,568	21.0
Leelanau	169,627	6.3	15,201	5.9	22,267	6.5	10,961	14.0	13,983	6.3
Lenawee	266,652	2.3	70,522	3.1	254,593	2.6	71,831	7.6	12,509	26.0
Livingston	222,019	4.0	25,483	5.9	62,224	6.4	21,228	15.0	2,294	15.0
Luce	166,676	.0	978	.0	1,569	.0	319	.0	24	.0
Mackinac	106,897	.0	2,454	.0	4,418	.0	1,702	.0	321	.0
Macomb	195,558	5.8	25,346	5.3	52,821	7.9	13,654	14.0	6,605	17.0
Manistee	98,844	7.4	8,535	6.5	9,779	8.3	2,779	12.0	6,922	9.7
Marquette	119,155	.0	1,834	.0	3,003	.0	625	.0	410	.0
Mason	115,105	6.4	15,203	6.4	35,273	9.5	12,855	13.0	6,305	16.0
Mecosta	119,596	7.5	16,732	5.5	34,550	6.3	6,897	14.0	3,266	17.0
Menominee	111,659	4.2	16,776	5.0	37,766	4.7	5,188	24.0	116	13.0
Midland	178,298	6.5	18,483	8.6	55,910	7.1	7,819	20.0	100	36.0
Missaukee	162,846	5.6	16,279	6.8	29,015	7.3	6,850	10.0	3,989	31.0
Monroe	243,412	5.0	53,298	3.5	177,830	2.8	42,109	8.6	9,050	14.0
Montcalm	156,395	5.4	41,092	3.3	130,019	3.6	29,259	6.8	13,073	11.0
Montmorency	123,119	5.1	3,375	7.9	5,037	7.0	808	11.0	102	34.0
Muskegon	147,293	5.8	15,560	8.2	38,855	5.0	17,503	5.3	4,027	12.0
Newaygo	112,265	4.7	24,405	6.2	50,008	8.7	7,548	8.9	5,225	12.0
Oakland	266,954	7.8	15,328	7.0	25,863	12.0	4,952	10.0	1,064	7.0
Oceana	122,183	5.1	22,354	5.5	53,876	4.9	24,336	9.5	22,461	8.3
Ogemaw	131,788	6.7	10,607	6.1	19,263	12.0	2,783	13.0	(D)	(D)
Ontonagon	69,400	3.2	2,848	7.9	3,104	20.0	(D)	(D)	244	9.6
Osceola	99,584	5.4	14,283	6.4	22,971	6.3	4,082	11.0	829	45.0
Oscoda	117,093	.0	2,003	.0	3,572	.0	540	.0	(D)	(D)
Otsego	129,570	5.0	3,419	5.8	5,561	11.0	1,470	24.0	819	19.0
Ottawa	145,623	2.7	47,863	3.1	95,064	2.8	29,363	5.8	12,080	9.4
Presque Isle	107,553	7.1	11,408	11.0	26,918	11.0	10,926	19.0	2,041	9.4
Roscommon	103,625	.0	561	.0	473	.0	-	.0	82	.0
Saginaw	198,717	1.9	70,211	2.6	236,378	2.2	44,798	9.2	13,003	23.0
St. Clair	163,875	4.0	35,311	4.1	99,432	4.2	25,952	14.0	3,557	15.0
St. Joseph	189,677	3.5	34,041	5.0	126,622	4.0	43,624	8.0	5,846	32.0
Sanilac	212,156	2.5	90,626	2.5	284,263	2.2	41,583	7.9	5,739	22.0
Schoolcraft	97,921	.0	1,216	.0	2,377	.0	458	.0	203	.0
Shiawassee	153,645	3.4	46,097	5.4	153,462	4.5	27,230	10.0	7,186	15.0

Table D **Estimates of the Sampling Reliability of County Totals for Selected Items: 1978**--Con.

County	Average value of land and buildings per farm		Value of machinery and equipment		Acres fertilized		Chemicals used on crops for--			
							Insect control		Disease control	
	Value dollars	Standard error (percent)	Value ($1,000)	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Tuscola	313,584	3.5	75,655	3.7	265,514	3.4	40,451	11.0	6,635	26.0
Van Buren	137,900	4.0	41,610	4.4	101,250	4.7	44,860	5.7	31,398	6.5
Washtenaw	245,034	3.1	48,812	3.9	137,344	3.7	36,672	7.5	7,654	20.0
Wayne	170,471	8.6	9,432	7.3	17,072	18.0	6,780	38.0	1,624	69.0
Wexford	108,494	8.8	4,250	8.5	8,436	16.0	1,747	33.0	10	83.0
Farms not on mail list	71,565	15.0	84,000	17.0	113,534	24.0	36,799	47.0	10,874	71.0

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)
Alcona	134	14.0	59	20.0	657	36.0	488	14.0	121	8.1
Alger	59	.0	20	.0	125	.0	332	.0	112	.0
Allegan	1,469	3.6	723	4.4	8,767	5.5	13,127	4.0	6,250	4.2
Alpena	191	7.5	115	17.0	399	19.0	1,013	23.0	292	22.0
Antrim	222	7.2	160	7.4	614	11.0	1,649	31.0	937	7.8
Arenac	406	6.6	280	7.5	1,203	22.0	991	17.0	649	19.0
Baraga	36	.0	7	.0	32	.0	108	.0	55	.0
Barry	684	5.2	419	6.8	1,413	7.9	3,271	4.9	1,161	8.3
Bay	1,175	4.0	631	5.5	456	27.0	650	33.0	1,817	6.6
Benzie	115	7.8	41	14.0	549	26.0	298	12.0	647	13.0
Berrien	1,670	3.2	535	5.7	1,952	5.6	2,551	4.0	11,224	5.3
Branch	847	4.8	598	3.6	4,152	4.2	3,174	5.3	1,376	11.0
Calhoun	965	3.1	626	5.3	3,589	9.5	3,258	4.2	2,282	3.1
Cass	842	3.6	426	5.9	3,542	16.0	7,737	6.1	2,138	5.0
Charlevoix	100	9.2	62	11.0	333	28.0	451	6.5	383	9.8
Cheboygan	115	4.5	52	4.7	235	9.9	502	5.3	212	4.1
Chippewa	171	6.9	61	11.0	404	14.0	908	8.9	206	12.0
Clare	176	7.4	111	12.0	898	8.4	1,038	7.9	414	3.3
Clinton	958	4.3	739	6.1	2,759	4.8	4,589	4.8	1,514	8.3
Crawford	3	.0	4	.0	7	.0	5	.0	(D)	(D)
Delta	224	7.0	106	14.0	165	7.2	1,368	22.0	588	19.0
Dickinson	84	10.0	51	10.0	38	26.0	318	6.5	317	7.2
Eaton	970	4.6	493	4.9	1,383	8.0	1,966	5.5	1,025	12.0
Emmet	115	16.0	60	15.0	59	25.0	467	21.0	175	5.4
Genesee	570	4.5	395	5.1	3,141	4.4	1,742	18.0	1,053	8.1
Gladwin	194	10.0	111	11.0	391	12.0	591	16.0	232	14.0
Gogebic	30	.0	2	.0	75	.0	221	.0	112	.0
Grand Traverse	389	9.6	163	18.0	402	24.0	409	9.5	2,209	11.0
Gratiot	1,207	3.5	897	3.2	4,744	2.8	5,054	6.0	1,639	7.6
Hillsdale	983	4.1	652	7.1	3,935	6.0	4,410	4.8	1,464	5.0
Houghton	124	13.0	23	19.0	33	33.0	496	41.0	205	45.0
Huron	2,197	3.1	1,538	4.4	15,593	3.4	11,541	5.4	2,711	7.2
Ingham	770	4.0	627	7.9	1,599	12.0	3,286	6.3	2,715	4.2
Ionia	1,027	4.9	795	6.3	2,755	15.0	5,640	4.4	2,616	3.8
Iosco	149	11.0	56	11.0	334	6.6	576	8.7	256	3.8
Iron	58	.0	18	.0	80	.0	115	.0	201	.0
Isabella	840	3.0	677	7.5	3,606	5.6	3,299	3.5	1,758	9.8
Jackson	943	4.1	567	5.2	4,092	3.8	2,564	3.0	2,536	4.2
Kalamazoo	796	4.9	517	7.2	4,531	4.5	4,036	6.6	3,666	8.5
Kalkaska	53	.0	47	.0	43	.0	167	.0	132	.0
Kent	1,330	4.8	871	4.4	2,578	8.8	4,942	5.2	7,769	4.6
Keweenaw	1	.0	(D)	(D)	1	.0	3	.0	-	.0
Lake	55	6.0	(D)	(D)	44	16.0	148	11.0	57	18.0
Lapeer	971	4.2	613	4.7	3,661	7.3	2,654	5.1	4,762	4.0
Leelanau	323	5.8	209	4.4	919	5.4	751	9.3	2,393	6.2
Lenawee	1,576	3.8	1,304	4.7	8,263	11.0	4,343	6.8	2,532	7.0
Livingston	527	5.5	363	9.2	1,808	9.2	1,686	9.7	1,203	8.6
Luce	29	.0	22	.0	212	.0	91	.0	62	.0
Mackinac	60	.0	28	.0	71	.0	436	.0	110	.0
Macomb	722	5.6	266	11.0	1,209	12.0	1,096	8.0	3,396	5.5
Manistee	239	8.1	93	7.8	154	27.0	169	24.0	1,254	6.0
Marquette	57	.0	26	.0	67	.0	299	.0	145	.0
Mason	301	7.7	178	8.5	1,084	11.0	729	14.0	1,114	12.0
Mecosta	437	5.8	185	6.2	531	17.0	1,570	14.0	859	11.0
Menominee	395	5.2	180	10.0	516	19.0	2,580	6.4	784	9.4
Midland	374	7.3	242	13.0	1,744	6.6	641	19.0	331	11.0
Missaukee	290	6.8	209	9.8	1,503	11.0	2,993	6.9	657	12.0
Monroe	1,290	3.1	760	4.5	3,009	5.6	1,587	5.9	2,629	4.7
Montcalm	908	3.5	867	3.7	926	8.0	2,542	8.3	2,268	4.7
Montmorency	54	10.0	41	11.0	47	21.0	239	11.0	95	21.0
Muskegon	443	6.7	276	3.5	1,516	4.2	1,094	7.3	2,156	8.4
Newaygo	564	4.4	290	8.9	894	12.0	2,744	8.0	1,692	5.9

Table D. **Estimates of the Sampling Reliability of County Totals for Selected Items: 1978**—Con.

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)
Oakland	397	6.1	164	14.0	791	17.0	957	16.0	3,429	8.1
Oceana	578	4.9	328	8.7	1,351	14.0	1,205	22.0	4,043	5.5
Ogemaw	185	5.5	145	17.0	273	11.0	627	8.2	395	13.0
Ontonagon	78	5.0	13	14.0	55	14.0	320	13.0	94	15.0
Osceola	312	5.7	146	7.1	636	34.0	2,096	8.6	481	5.1
Oscoda	45	.0	24	.0	155	.0	291	.0	59	.0
Otsego	90	5.6	41	16.0	61	17.0	130	11.0	86	14.0
Ottawa	1,389	4.0	581	4.5	10,731	6.9	16,178	2.3	9,474	4.3
Presque Isle	234	8.4	173	9.8	485	35.0	750	26.0	565	20.0
Roscommon	16	.0	3	.0	6	.0	37	.0	35	.0
Saginaw	1,647	3.1	882	3.7	1,644	7.3	1,991	9.5	2,098	7.1
St. Clair	828	3.8	461	6.3	2,876	5.3	3,240	8.3	1,283	6.3
St. Joseph	786	4.2	654	7.2	2,561	5.8	4,172	7.4	1,722	3.1
Sanilac	1,750	3.1	1,574	3.4	3,571	8.6	6,368	7.4	3,536	6.5
Schoolcraft	27	.0	19	.0	46	.0	81	.0	(D)	(D)
Shiawassee	1,050	4.1	632	6.8	1,529	14.0	3,625	4.3	1,587	6.1
Tuscola	1,629	3.7	1,151	3.9	2,973	14.0	3,992	6.8	2,651	5.5
Van Buren	1,237	4.8	531	6.1	2,629	7.9	2,737	7.6	7,462	5.2
Washtenaw	1,173	3.4	695	5.7	3,153	11.0	2,737	7.2	2,453	6.7
Wayne	266	9.6	59	21.0	185	30.0	273	14.0	1,490	10.0
Wexford	94	8.8	47	29.0	137	24.0	404	28.0	202	55.0
Farms not on mail list	1,432	14.0	410	29.0	3,274	52.0	4,109	20.0	439	46.0

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
Michigan	68 237	64 094	1 941 095	1 491 439	85 395	68 952	1 944 815	1 492 527	17 158	4 858	3 720	1 088
Alcona	287	254	3 247	2 128	319	282	3 252	2 136	32	28	6	8
Alger	94	81	1 630	1 120	108	93	1 634	1 121	14	12	4	1
Allegan	1 923	2 044	78 633	56 140	2 151	2 200	78 698	56 178	228	156	65	38
Alpena	450	487	6 935	4 453	502	511	6 949	4 458	52	24	14	5
Antrim	268	250	11 173	7 656	303	265	11 178	7 660	35	15	5	4
Arenac	430	436	12 421	9 667	459	463	12 429	9 670	29	27	8	3
Baraga	93	86	755	470	122	100	759	473	29	14	4	3
Barry	1 033	1 092	24 963	17 864	1 150	1 187	24 988	17 880	117	95	25	16
Bay	1 168	1 244	34 720	34 879	1 218	1 290	34 733	34 888	50	46	14	9
Benzie	176	177	6 178	3 518	199	190	6 183	3 519	23	13	5	1
Berrien	1 926	1 959	53 946	42 310	2 125	2 115	54 004	42 353	199	156	59	43
Branch	1 196	1 310	37 104	27 643	1 271	1 388	37 119	27 659	75	78	15	16
Calhoun	1 307	1 417	37 741	30 105	1 482	1 542	37 783	30 128	175	125	42	23
Cass	1 066	1 107	41 261	27 168	1 174	1 194	41 294	27 192	108	87	34	24
Charlevoix	247	219	4 530	3 005	305	233	4 538	3 009	58	14	7	4
Cheboygan	221	178	3 212	2 142	251	188	3 219	2 144	30	10	7	2
Chippewa	369	320	5 444	3 005	401	330	5 452	3 008	32	10	7	3
Clare	313	346	7 393	4 817	352	362	7 406	4 822	39	16	14	5
Clinton	1 517	1 645	43 744	35 889	1 609	1 734	43 767	35 915	92	89	23	26
Crawford	16	8	65	54	23	10	66	55	7	2	1	1
Delta	332	317	6 276	4 753	359	333	6 283	4 755	27	16	7	2
Dickinson	116	143	3 037	3 704	136	163	3 042	3 707	20	20	4	3
Eaton	1 398	1 558	29 949	24 485	1 555	1 698	29 988	24 526	157	140	39	41
Emmet	230	200	3 466	2 611	276	218	3 470	2 614	46	18	5	3
Genesee	990	1 015	22 504	20 371	1 132	1 134	22 538	20 397	142	119	34	26
Gladwin	419	434	5 823	4 890	465	472	5 829	4 895	46	38	6	5
Gogebic	72	59	751	427	86	67	754	430	14	8	3	3
Grand Traverse	487	443	20 578	12 207	531	496	20 592	12 220	44	53	13	13
Gratiot	1 334	1 553	51 423	47 421	1 388	1 604	51 441	47 440	54	51	18	19
Hillsdale	1 542	1 719	41 664	30 896	1 653	1 835	41 691	30 917	111	116	27	21
Houghton	212	206	2 359	2 221	276	230	2 375	2 225	64	24	16	4
Huron	1 800	2 088	94 231	80 907	1 868	2 158	94 252	80 930	68	70	21	23
Ingham	1 067	1 198	41 594	32 528	1 207	1 344	41 629	32 557	140	146	35	29
Ionia	1 232	1 380	45 294	34 111	1 306	1 465	45 313	34 130	74	85	19	19
Iosco	237	225	4 662	3 046	278	243	4 673	3 049	41	18	11	3
Iron	92	83	1 146	1 257	107	94	1 150	1 258	15	11	4	1
Isabella	999	1 074	32 321	26 868	1 070	1 132	32 334	26 886	71	58	13	18
Jackson	1 190	1 250	35 305	24 201	1 351	1 392	35 346	24 231	161	142	42	30
Kalamazoo	976	1 003	38 950	26 735	1 082	1 120	38 974	26 758	106	117	23	23
Kalkaska	92	63	1 646	1 103	112	78	1 649	1 105	20	15	3	2
Kent	1 461	1 603	59 089	41 571	1 646	1 795	59 139	41 602	185	192	50	31
Keweenaw	5	3	4	9	6	3	4	9	1	–	(Z)	–
Lake	126	122	972	835	149	126	976	835	23	4	3	–
Lapeer	1 323	1 405	41 332	34 869	1 488	1 565	41 364	34 899	165	160	32	30
Leelanau	420	441	22 540	12 877	461	460	22 548	12 879	41	19	8	2
Lenawee	1 840	2 056	73 237	56 524	1 954	2 155	73 285	56 546	114	99	48	22
Livingston	792	790	23 990	15 458	936	886	24 027	15 474	144	96	37	16
Luce	30	29	846	417	37	31	847	418	7	2	1	1
Mackinac	87	86	2 044	1 081	98	86	2 046	1 081	11	–	2	–
Macomb	838	872	25 792	19 887	911	937	25 817	19 901	73	65	25	14
Manistee	341	300	9 475	5 495	382	322	9 482	5 497	41	22	7	2
Marquette	101	80	1 594	1 136	135	96	1 604	1 139	34	16	9	3
Mason	496	532	13 355	10 070	559	593	13 369	10 083	63	61	14	13
Mecosta	687	633	13 376	13 457	765	681	13 396	13 466	78	48	20	9
Menominee	488	488	12 965	9 142	531	524	12 973	9 149	43	36	8	7
Midland	524	580	14 085	11 499	594	648	14 105	11 507	70	68	20	8
Missaukee	361	358	14 327	9 177	387	370	14 332	9 180	26	12	5	3
Monroe	1 529	1 702	45 132	36 393	1 640	1 784	45 172	36 420	111	82	40	27
Montcalm	1 210	1 310	34 240	30 600	1 332	1 398	34 270	30 618	122	88	30	18
Montmorency	110	108	2 026	1 574	126	112	2 030	1 575	16	4	4	1
Muskegon	493	465	18 144	13 097	559	519	18 160	13 109	66	54	16	12
Newaygo	807	823	24 989	18 018	897	904	25 010	18 032	90	81	20	14
Oakland	620	609	17 092	12 486	798	766	17 142	12 528	178	157	50	42
Oceana	772	779	25 746	18 866	830	813	25 755	18 874	58	34	10	8
Ogemaw	303	304	7 313	4 988	333	342	7 316	4 991	30	38	3	3
Ontonagon	149	147	1 699	1 113	163	159	1 703	1 113	14	12	4	–
Osceola	546	554	12 065	8 439	597	604	12 074	8 453	51	50	9	14
Oscoda	80	87	1 700	1 619	93	98	1 704	1 623	13	11	4	4
Otsego	151	132	1 840	1 372	162	138	1 842	1 373	11	6	2	1
Ottawa	1 588	1 616	88 379	52 424	1 757	1 777	88 425	52 464	169	161	46	40
Presque Isle	347	388	6 142	5 341	382	411	6 149	5 345	35	23	6	4
Roscommon	31	23	177	103	39	27	177	103	8	4	(Z)	(Z)
Saginaw	1 817	2 044	53 749	59 242	1 915	2 114	53 783	59 260	98	70	33	18
St Clair	1 316	1 468	29 342	25 990	1 475	1 627	29 383	26 024	159	159	41	34
St Joseph	1 083	1 169	40 735	25 683	1 152	1 224	40 751	25 692	69	55	16	9
Sanilac	1 969	2 300	72 581	59 994	2 065	2 368	72 606	60 009	96	68	25	15
Schoolcraft	54	43	582	392	62	46	584	392	8	3	2	–
Shiawassee	1 384	1 476	36 063	29 015	1 476	1 557	36 092	29 038	92	81	29	23
Tuscola	1 563	1 798	60 699	64 484	1 661	1 887	60 722	64 515	98	89	23	31
Van Buren	1 615	1 700	52 494	37 336	1 788	1 814	52 536	37 363	173	114	42	27
Washtenaw	1 362	1 327	39 232	28 378	1 502	1 471	39 265	28 414	140	144	32	36
Wayne	463	441	11 781	9 424	534	509	11 809	9 441	71	68	28	17
Wexford	227	232	3 276	2 789	275	252	3 282	2 792	48	20	6	3
Farms not on mail list	7 811	(NA)	26 781	(NA)	18 981	(NA)	28 986	(NA)	11 170	(NA)	2 205	(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

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

DUE BY FEBRUARY 15, 1979

NOTICE Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to the 11-digit Census File Number (CFN)

(Please correct errors in name, address, and ZIP code.)

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

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

AGRICENSUS '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 Bu. / 1 OR / Cwt.	069
2. Field corn for silage or green chop	☐	070	071 Tons, green	072
3. Wheat for grain	☐	073	074 Bu.	075
4. Oats for grain	☐	076	077 Bu.	078
5. Barley for grain	☐	079	080 Bu.	081
6. Sorghums for grain or seed (include milo)	☐	082	083 Bu. / 1 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*

	Total acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place	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.

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1978	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	Tenths	Acres irrigated	Tenths
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/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*

	None	Area irrigated		
		Square feet	Acres	Tenths
1. Nursery and greenhouse products irrigated in 1978	☐	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)	638	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	Gross value of sales 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	Gross value of sales 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	None	Number of litters
2. LITTERS FARROWED on this place between – 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	Gross value of sales 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	Gross value of sales 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 $	

5. Livestock or animal products *(Enter name and code from "List B" below.)* Name _____ Code _____	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales Dollars	Cents
	→	2 ____ OR ____ Pounds / Gallons	1 $	
6. Fish and other aquaculture products *(Enter name and code from "List C" below.)* Name _____ Code _____	/10	1 ____ OR ____ 3 Pounds / 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

7. POULTRY HATCHED on this place in 1978 and placed or sold – chickens, turkeys, ducks, etc. – *Specify kind of poultry* _____	None	Number
	☐	916
		917
8. Incubator egg capacity on December 31, 1978	☐	

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.*	None	Gross value of sales Dollars	Cents
	☐	918 $	

SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978

Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 – planting, plowing, spraying, harvesting, etc.	None	Dollars	Cents
	☐	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*

Of the total acres in this place, how many were owned by –	None	Acres
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	
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.*	Dollars	Cents
	943 $	

•SELECTED machinery and equipment on this place, December 31, 1978. ***(Report only if used in 1977 or 1978.)***

	None	Total number on this place on December 31, 1978	Of the total, HOW MANY were manufactured in the last 5 years (1974–1978)? *(Number)*
2. Automobiles	☐	944	945
3. Motortrucks *(Include pickups)*	☐	946	947
4. Wheel tractors other than garden tractors and motor tillers	☐	948	949
5. Grain and bean combines, self-propelled only	☐	950	951
6. Corn heads for combines	☐	952	953
7. Other corn pickers and picker-shellers	☐	954	955
8. Cotton pickers *(Exclude cotton strippers)*	☐	956	957
9. Mower conditioners	☐	958	959
10. Pickup balers	☐	960	961
11. Field forage harvesters, shear bar or flywheel type	☐	962	963

SECTION 25 **EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1978**

Include expenditures paid by you and others for production of crops, livestock, and other agricultural products from this place in 1978.	None	Expenditures Dollars	Expenditures 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	Selected expenditures 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 seperately, 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 — (1) Worked 150 days or more?	☐	Number of workers 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(I)
(5-17-78)

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.

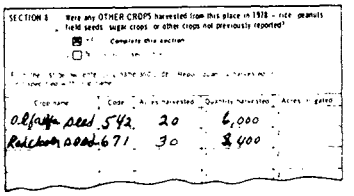
Crop Irrigation – For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means – sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and preplant irrigation. 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:



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

AGRI CENSUS USA '78

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 → ☐ NO
Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

2. During the past two years, have you received mail at any address other than the one I have listed? ☐ YES → ☐ NO
Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 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**
Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

1. What is the current name and mailing address of this corporation?

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 → ☐ NO
Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? 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 → ☐ NO
Name / Mailing address – *Route/Box/Street* / Post Office | State | ZIP code

5. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? 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).

INDEX

(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	–
Broilers	18, 19, 29–35	19, 26	9
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	–
Cantaloupes and Persian melons	–	31	–
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	–
Chickens 3 months old or older	18, 19, 29–35	18	9
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
Family held	4, 5, 29–35	5	–
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
Donkeys, burros, and mules	23	27	–
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
Expenses, farm	6-9, 17, 29–35	12-14	5
F			
Family and individual, type of organization	4, 5, 29–35	5	4
Family held corporations	4, 5, 29–35	5	–
Farms by age and principal occupation of operator	31	–	–
Farms by age and principal occupation of operator for farms with sales of less than $20,000	32	–	–
Farms by size of farm	1–3, 33	–	3
Farms by standard industrial classification	13, 35	8	–
Farms by tenure of operator	4, 29	4	4
Farms by type of organization	4, 5, 30	5	4
Farms by value of agricultural sales	10, 34	7, 9–11	2
Farms, number	1–3, 13 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
Hogs and pigs	17, 18, 21, 29–35	17	9
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	–
Pickup balers	14, 29–35	–	7
Pigeons or squab	–	26	–
Pimientos	–	31	–
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	–
Sales of agricultural products	10, 13, 17, 29–35	9–11	2
Salt hay	–	35	–
Sanitation chemicals	15, 29–35	–	6
Seeds, bulbs, plants, and trees purchased	6, 17, 29–35	12	5
Set aside program, acreage	29–35	–	1
Sex of operator	4, 29–35	6	–
Shallots	–	31	–

	State tables	County tables: Summary	County tables: County report
S—Con.			
Sheep and lambs	17, 18, 22, 29–35	20	9
Sheep and lambs shorn	22, 29–35	20	9
Sheep, lambs, and wool sold, value.	10, 18, 22, 29–35	20	2, 9
Size of farm, average	1, 2, 29–35	1	1
Small grain hay	26	30	–
Snap beans, bush and pole	–	31	–
Sod	–	34	–
Sorghums	25–35	28, 30 35	10
Soybeans	25–35	29, 30	10
Spanish origin, operators of	4, 29–35	42	–
Spelt and emmer	–	28	–
Spinach	–	31	–
Squash	–	31	–
Standard industrial classification of farms (SIC)	13, 29–35	8	–
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	–
Sweetpotatoes	25, 27–35	29	10
T			
Tangelos	–	32	–
Tangerines and mandarins	–	32	–
Taro	–	35	–
Tenant operated farms	4, 29–35	4, 40	4
Tenure	4, 29–35	4, 40	4
Timothy seed	–	30	–
Tobacco	25–35	29	10
Tobacco sold, value	10, 29–35	–	2
Tomatoes	25, 28–35	31	10
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
Work off-farm by operator	4, 29–35	6	4
Workers on farms	9, 29–35	14	8
Worms	23	27	–
Wormseed oil	–	35	–

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