

Volume 1

State and County Data

Part 3

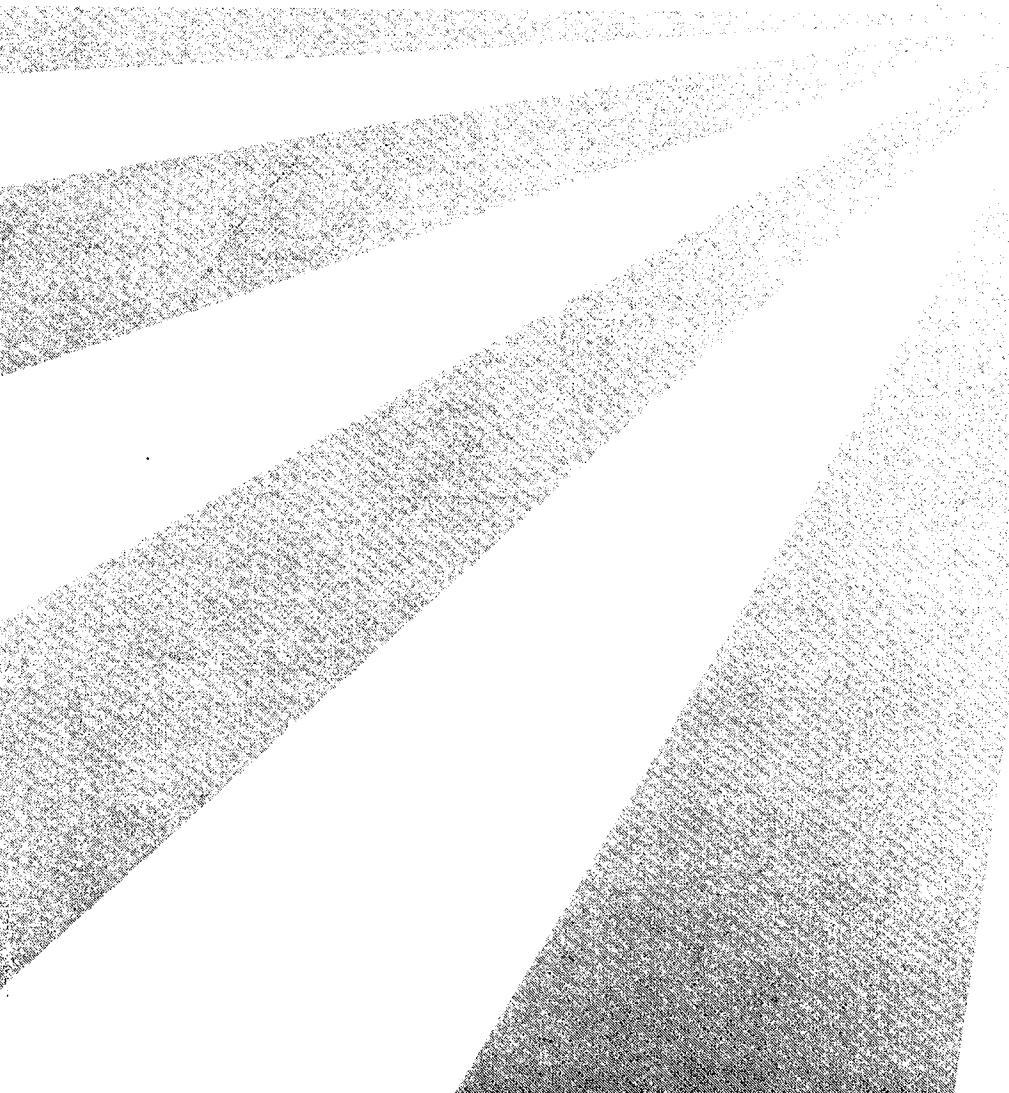
Arizona

AC78-A-3

1978

CENSUS OF
AGRICULTURE

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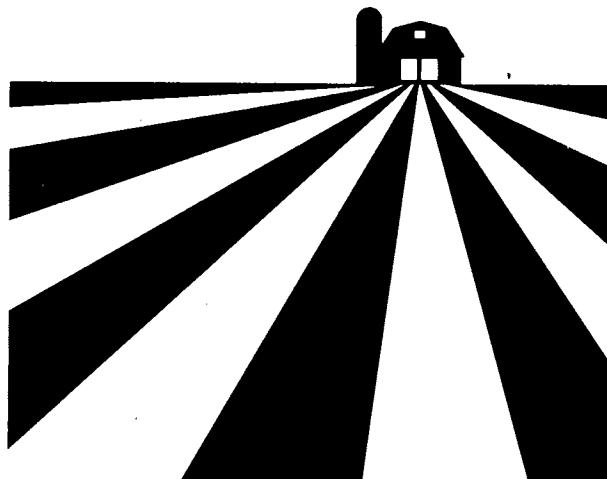


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1978 CENSUS OF AGRICULTURE



Volume 1
State and County Data

Part 3
Arizona

AC78-A-3

Issued June 1981



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HISTORY

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

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

AUTHORITY AND AREA COVERED

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

FARM DEFINITION

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

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

METHOD OF ENUMERATION

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

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

COMPARABILITY OF DATA

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

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

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

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

USE OF SAMPLING

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

GRAPHICS

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

TABULAR PRESENTATION

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

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

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

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

PRELIMINARY REPORTS

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

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

CENSUS DISCLOSURE RULES

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

DEFINITIONS AND EXPLANATIONS

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

"SEE TEXT" REFERENCE

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

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

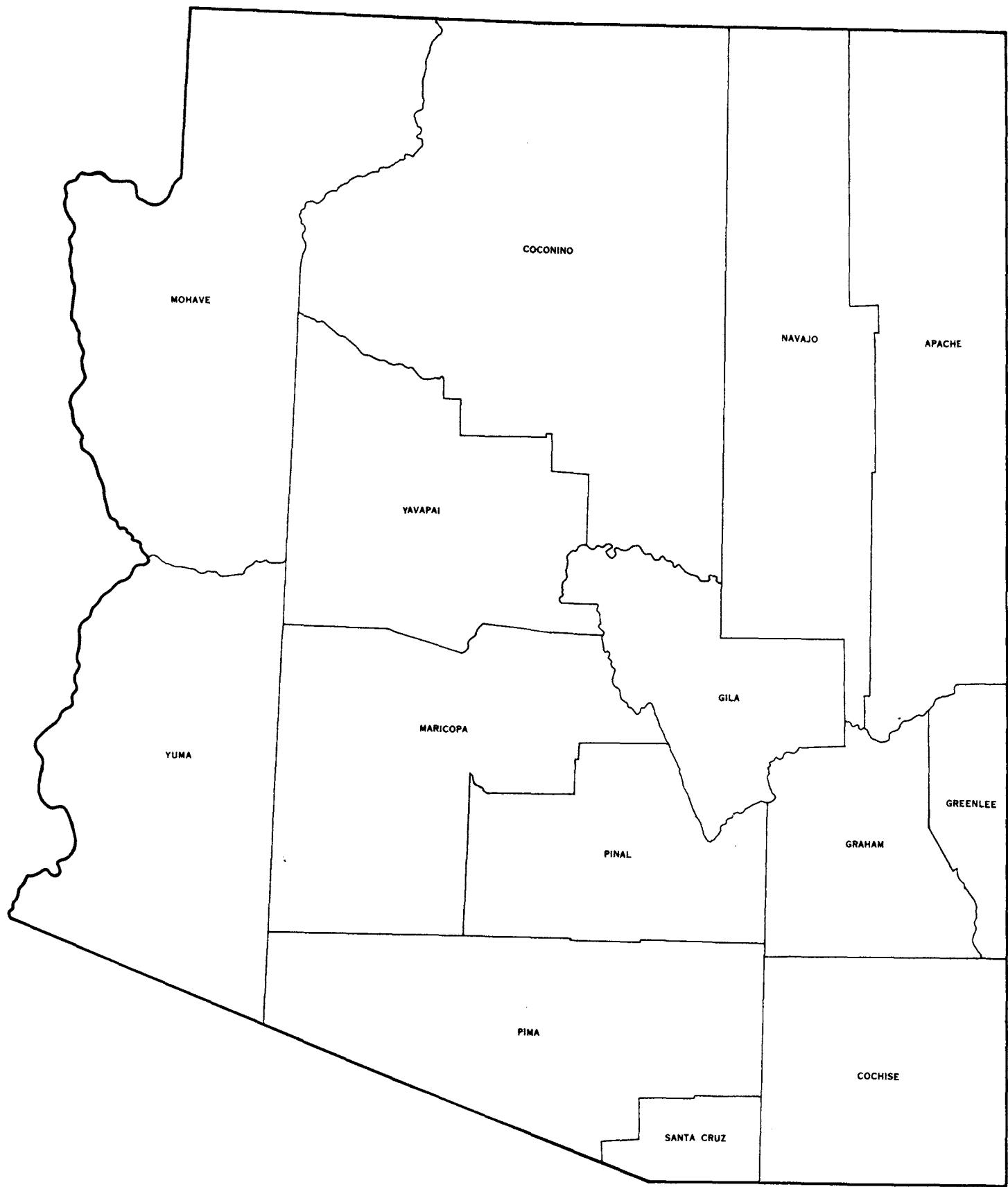
Highlights of the State's Agriculture: 1978 and 1974

	All farms			Farms with sales of \$2,500 or more		
	1978		1974 ¹	1978		1974 ¹
	Total	Not on mail list	Total	Total	Not on mail list	Total
Farms	number	7 660	1 362	5 803	4 982	338
Land in farms	acres	38 657 700	151 795	37 944 191	17 115 674	103 425
Average size of farm	acres	5 047	111	6 539	3 436	306
Harvested cropland	acres	1 113 890	7 259	1 096 525	1 074 707	5 423
Average per farm	acres	145	5	189	216	16
Farms by size:						
1 to 49 acres	number	3 586	1 055	2 213	1 565	183
50 to 499 acres	number	2 019	220	1 772	1 565	102
500 to 999 acres	number	649	35	512	573	1
1,000 acres or more	number	1 406	52	1 306	1 279	52
Value of land and buildings: ²						
Average per farm	dollars	1 002 923	96 970	723 169	1 058 730	155 322
Average per acre	dollars	199	870	111	308	508
Value of machinery and equipment on farms ²	\$1,000	356 087	10 865	210 949	323 249	5 064
Average per farm	dollars	46 487	7 977	36 352	64 883	14 981
Value of agricultural products sold	\$1,000	1 317 770	6 312	1 080 530	1 284 763	5 219
Average per farm	dollars	172 033	4 634	186 202	257 881	15 440
Crops sold	\$1,000	659 552	2 125	500 163	649 319	2 035
Average per farm	dollars	86 103	1 560	86 190	130 333	6 020
Livestock and livestock products sold	\$1,000	650 669	4 156	573 786	627 980	3 174
Average per farm	dollars	84 944	3 052	98 877	126 050	9 390
Poultry and poultry products sold	\$1,000	7 549	31	6 461	7 465	10
Average per farm	dollars	986	22	1 113	1 498	30
Farms by value of agricultural products sold:						
Less than \$2,500	number	2 586	1 024	1 584	—	183
\$2,500 to \$9,999	number	1 570	230	1 173	1 570	230
\$10,000 to \$39,999	number	1 213	88	1 098	1 213	88
\$40,000 to \$99,999	number	681	14	636	681	14
\$100,000 to \$199,999	number	505	—	408	505	—
\$200,000 or more	number	1 013	6	823	1 013	6
Abnormal farms	number	92	(X)	81	(X)	(X)
Value of agricultural products sold by farms having sales of—						
Less than \$2,500	\$1,000	2 830	1 093	1 741	—	202
\$2,500 to \$9,999	\$1,000	7 833	981	6 232	7 833	981
\$10,000 to \$39,999	\$1,000	25 687	1 821	23 583	25 687	1 821
\$40,000 to \$99,999	\$1,000	44 437	872	39 741	44 437	872
\$100,000 to \$199,999	\$1,000	72 118	—	59 282	72 118	—
\$200,000 or more	\$1,000	1 134 687	1 545	924 545	1 134 687	1 545
Abnormal farms	\$1,000	30 177	(X)	25 405	(X)	(X)
Form production expenses for selected items: ²						
Feed for livestock and poultry	\$1,000	218 830	2 750	262 959	214 210	1 615
Seeds, bulbs, plants, and trees	\$1,000	12 149	177	11 698	11 733	117
Commercial fertilizer	\$1,000	45 195	223	40 150	44 101	196
Other agricultural chemicals	\$1,000	46 356	100	23 351	45 161	92
Petroleum products—gasoline, diesel, etc.	\$1,000	40 947	647	22 523	38 915	429
Hired farm labor	\$1,000	129 977	459	92 272	125 524	401
Livestock and poultry inventory:						
Cattle and calves	number	1 265 896	16 314	1 217 769	1 133 464	10 560
Hogs and pigs	number	192 146	36 412	101 922	155 415	4 382
Sheep and lambs	number	447 866	280	535 624	214 651	64
Chickens 3 months old or older	number	649 701	22 114	800 981	622 567	11 717
Crops harvested:						
Sorghums for grain or seed	acres	22 016	16	93 217	20 535	—
	bushels	1 578 209	1 712	7 024 313	1 532 825	—
Wheat for grain	acres	104 500	365	175 737	101 696	221
	bushels	7 552 742	17 188	11 111 528	7 379 141	11 050
Cotton	acres	569 950	2 386	401 301	560 116	2 386
	bales	1 152 165	5 500	936 790	1 134 196	5 500
Hay crops	acres	178 227	3 683	194 280	167 597	2 376
	tons, dry	994 092	11 860	1 098 292	956 382	10 264

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

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

ARIZONA



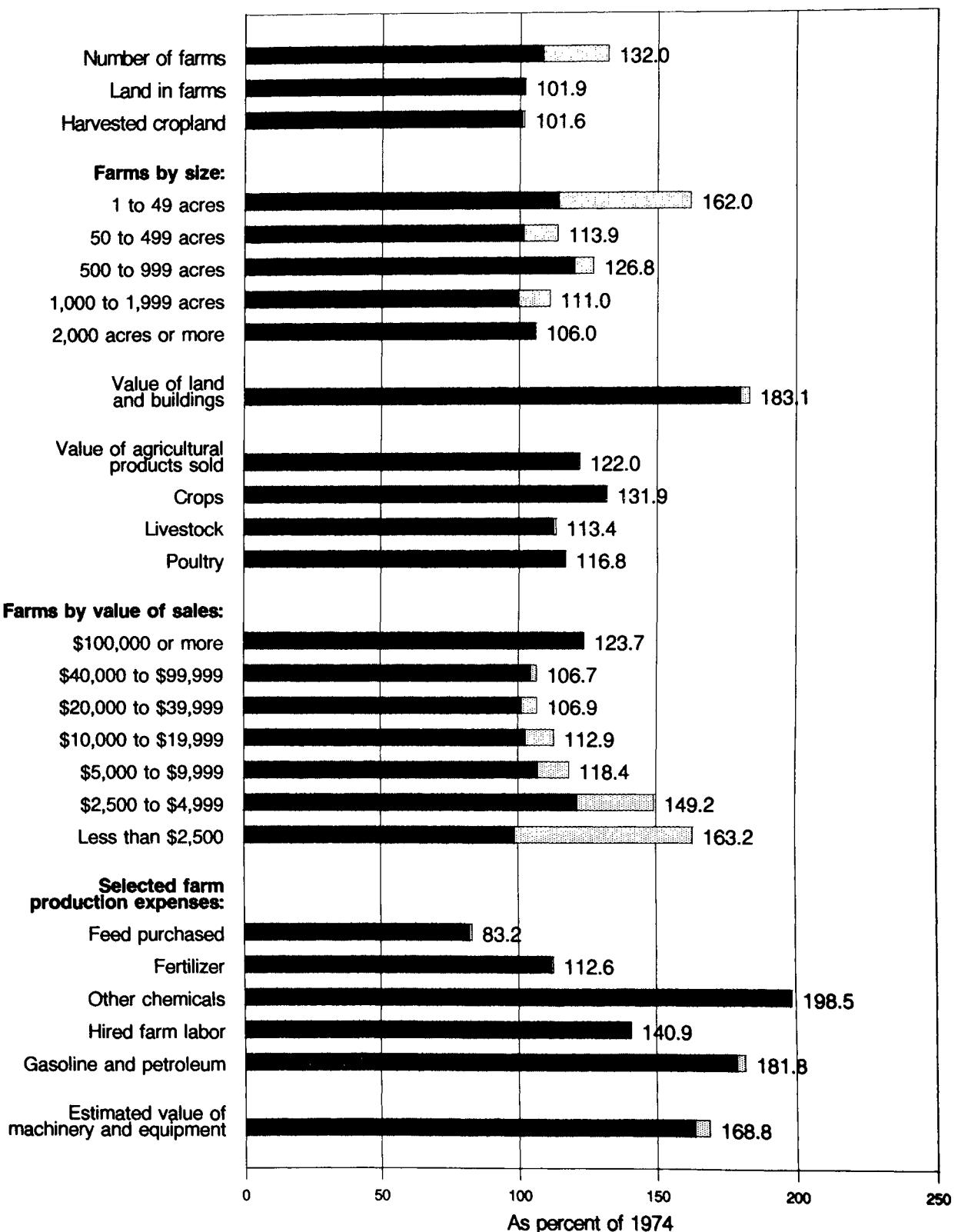
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ARIZONA

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

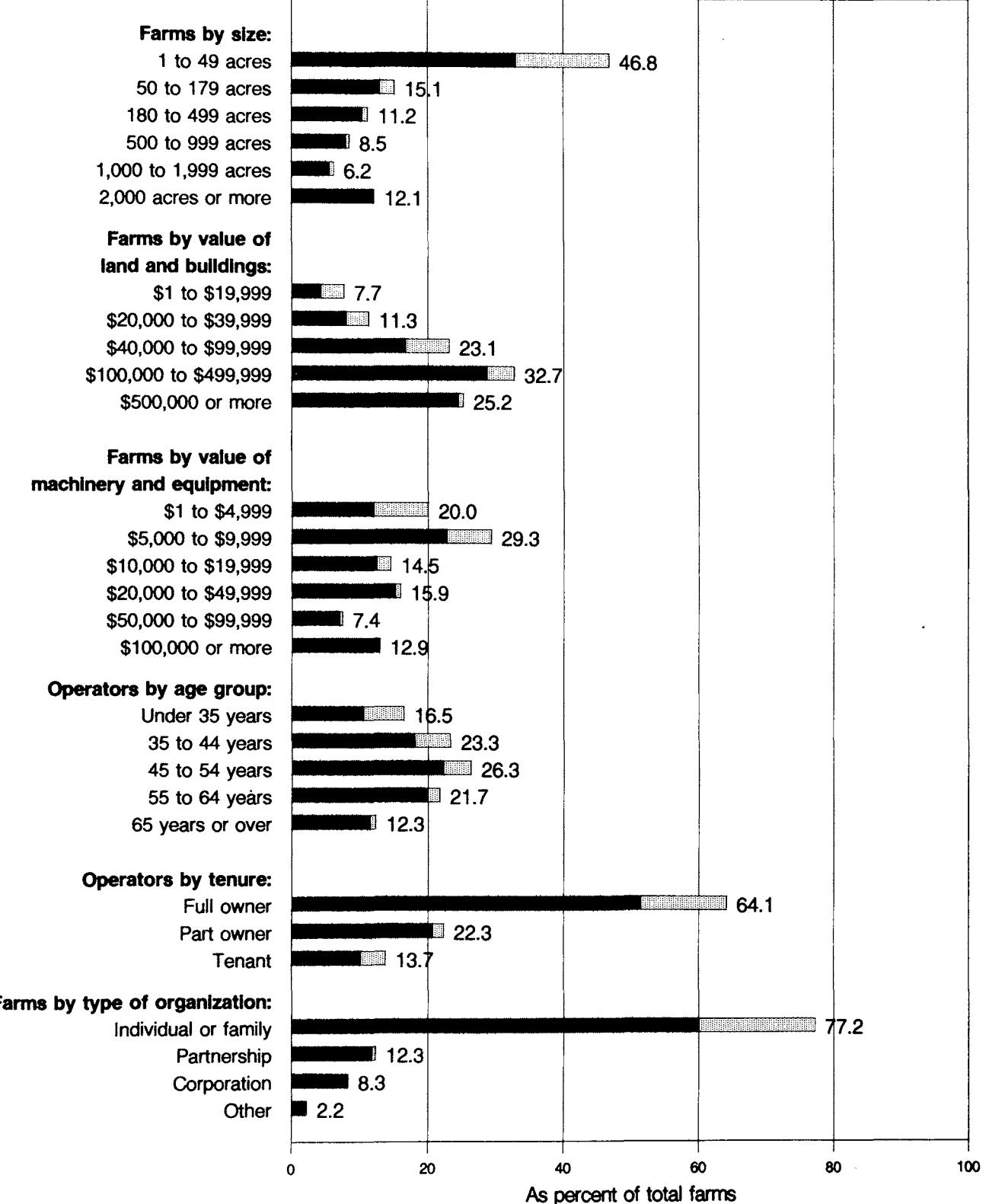
 Mail portion
Area sample



ARIZONA

Chart 2.
Profile of State's Agriculture: 1978

 Mail portion
Area sample



ARIZONA

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

 Mail portion
Area sample

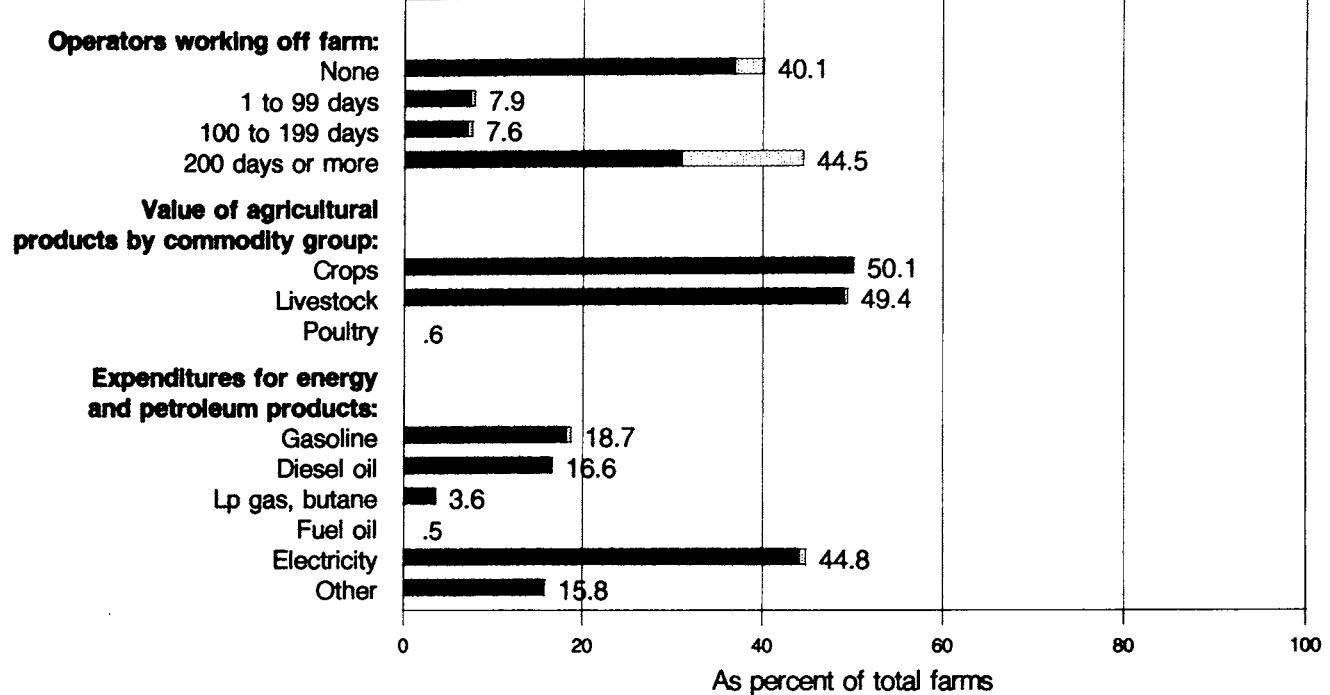
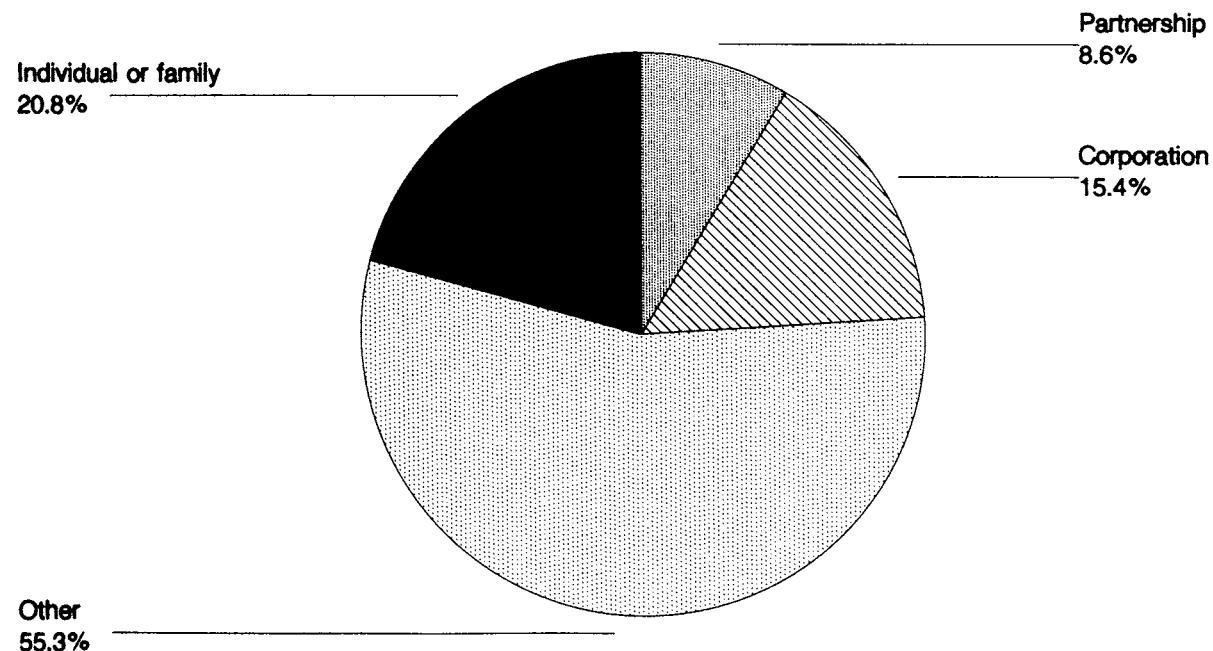
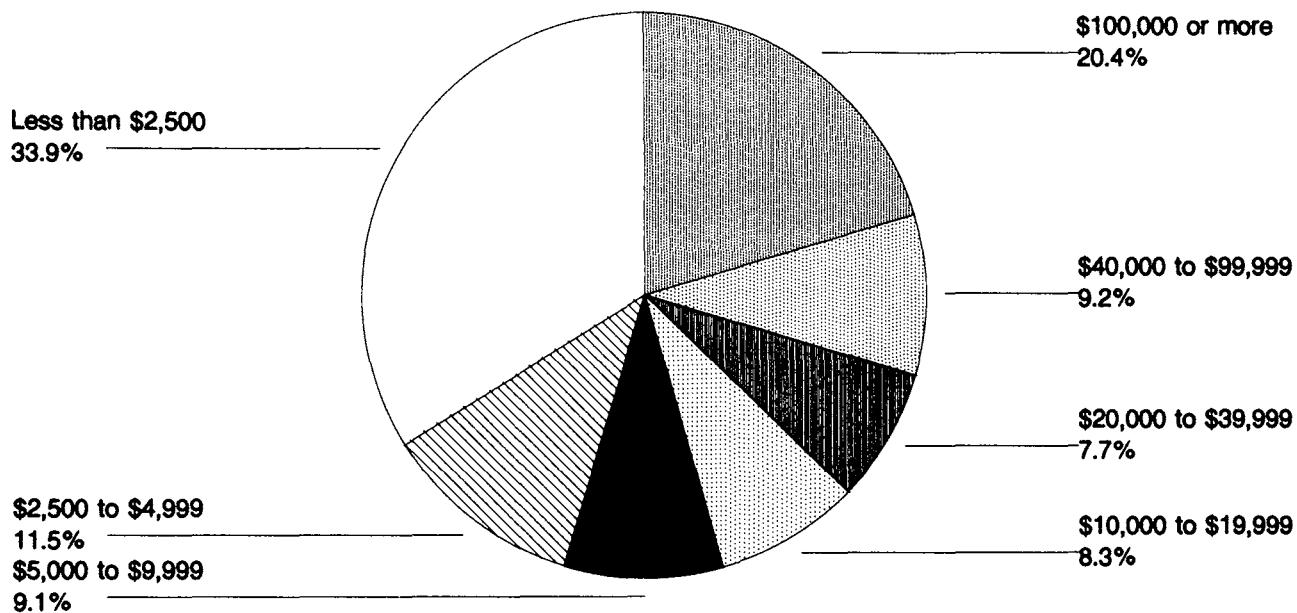


Chart 3.
Land in Farms by Type of Organization: 1978

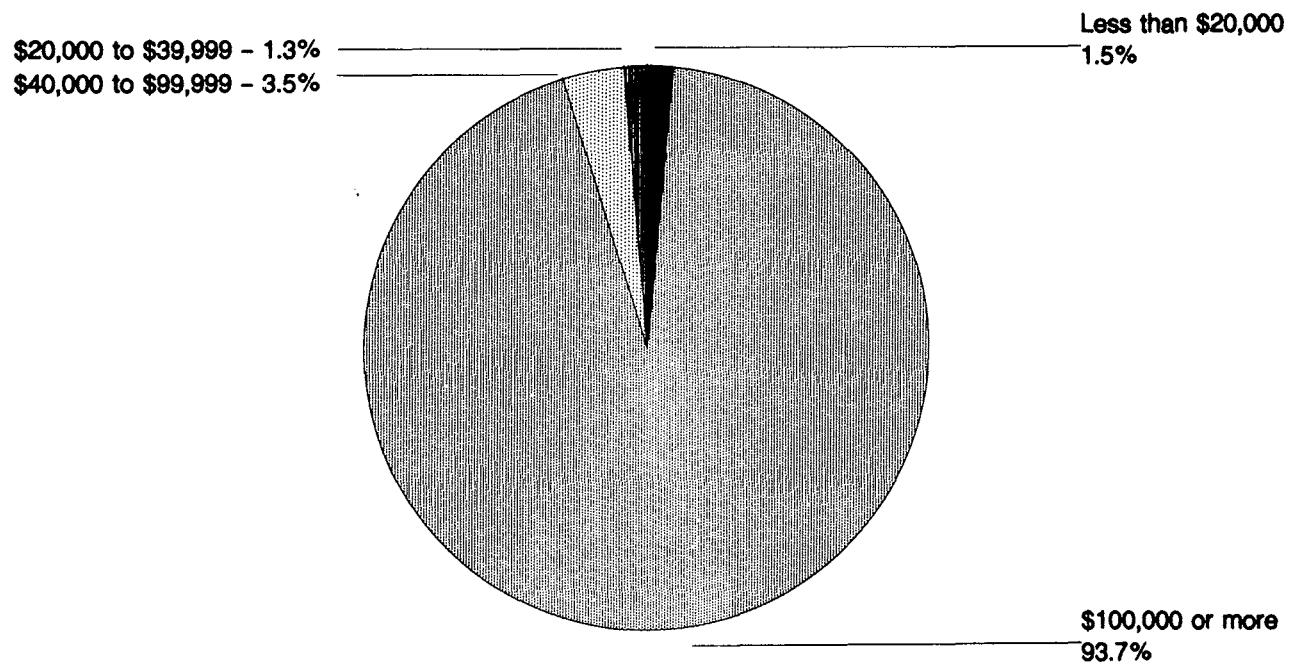


ARIZONA

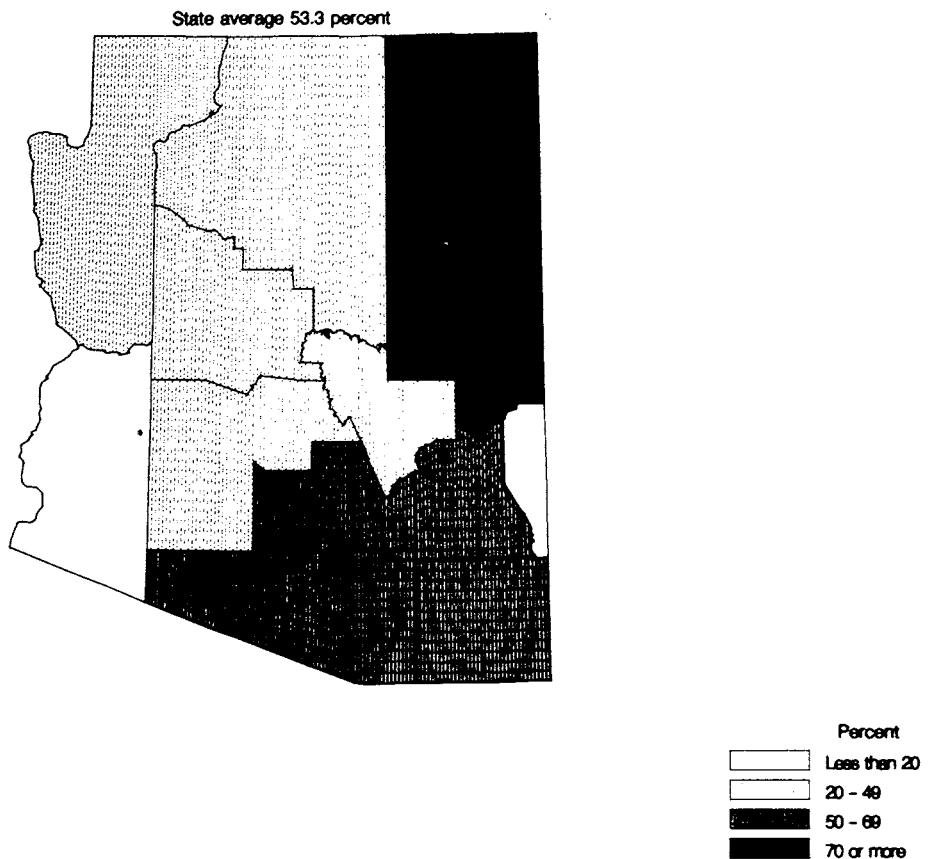
Chart 4. Farms by Value of Sales: 1978



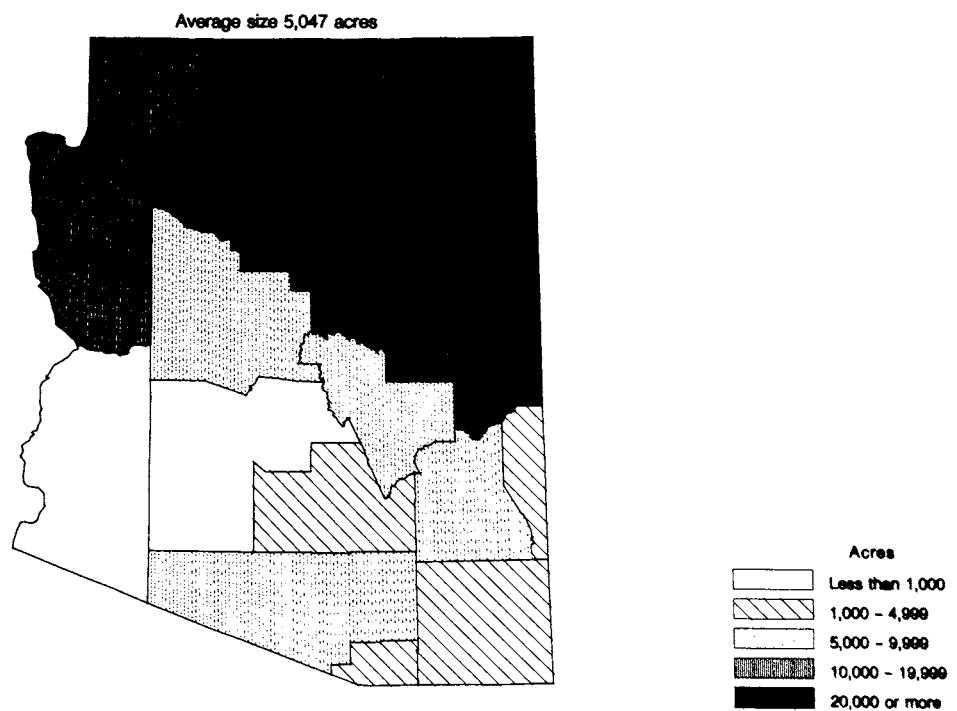
**Chart 5.
Value of Products Sold by Size of Sales: 1978**



Map 1. Land in Farms by County: 1978
As percent of land in county

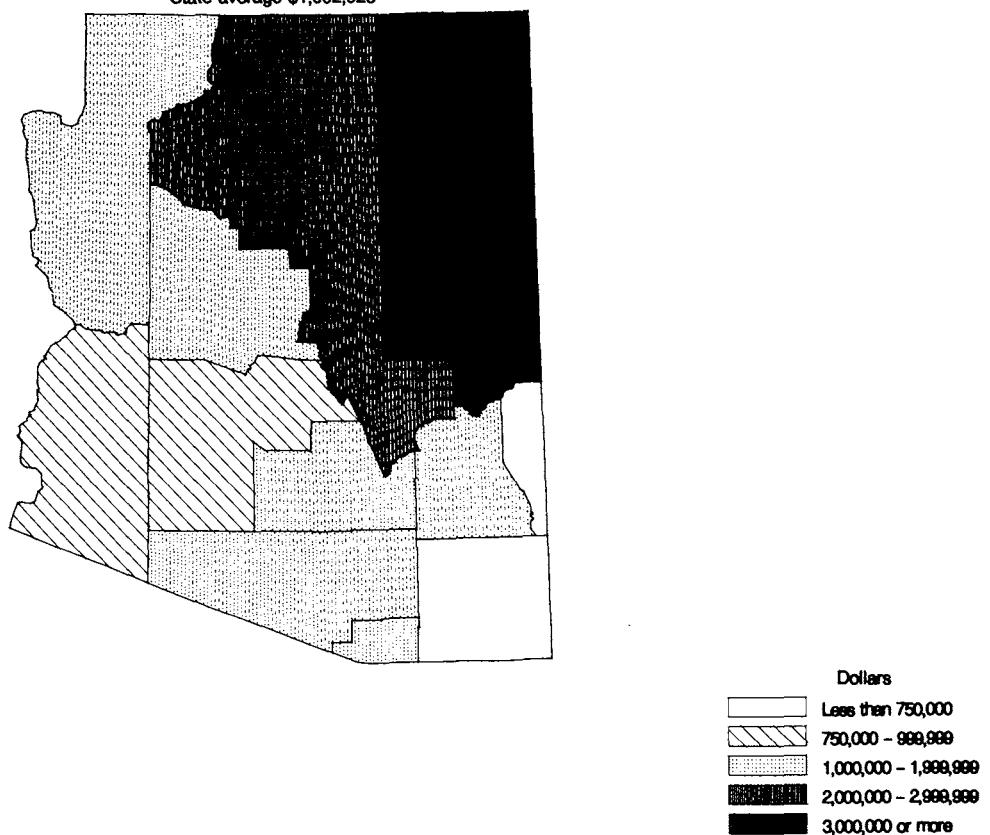


Map 2. Average Size of Farm by County: 1978



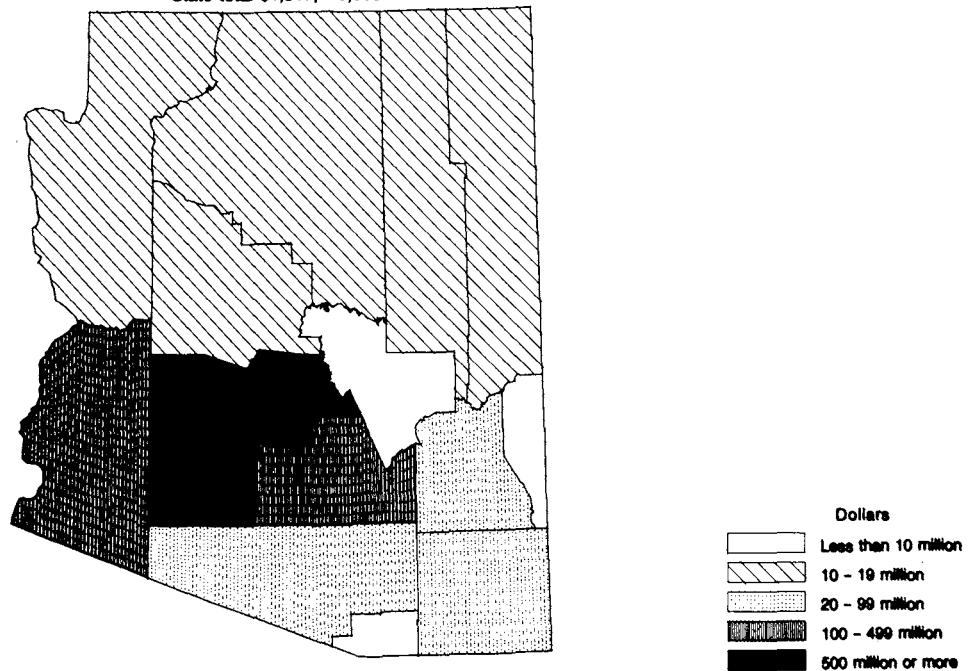
Map 3. Value of Land and Buildings by County: 1978
Average per farm

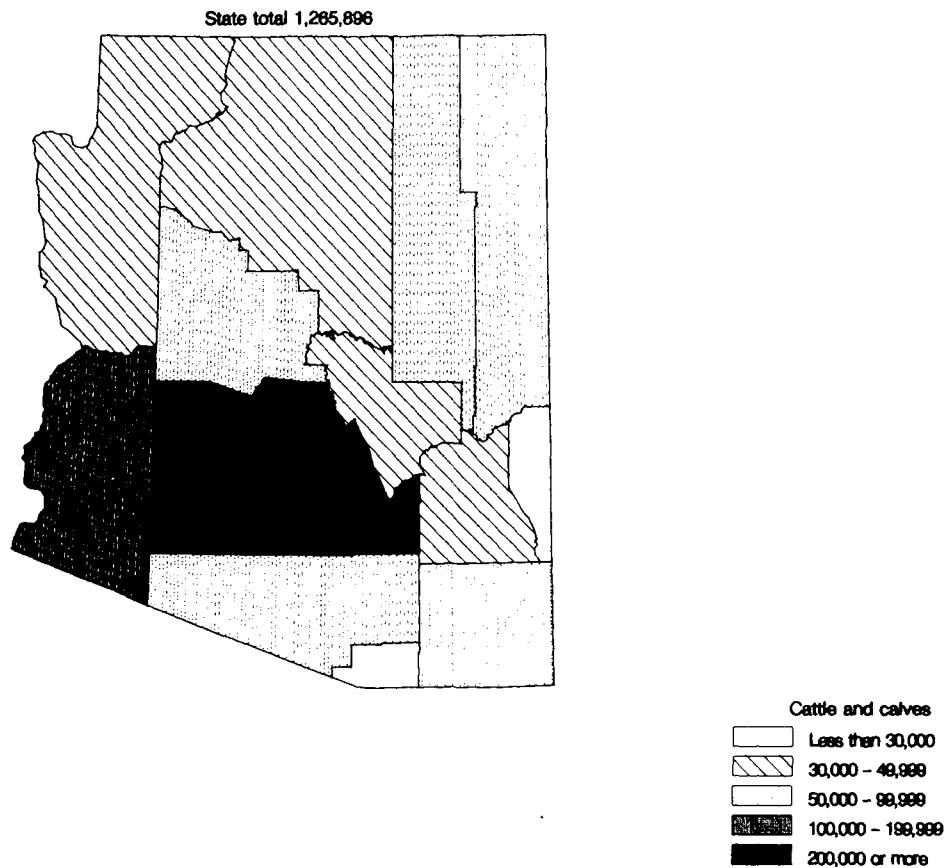
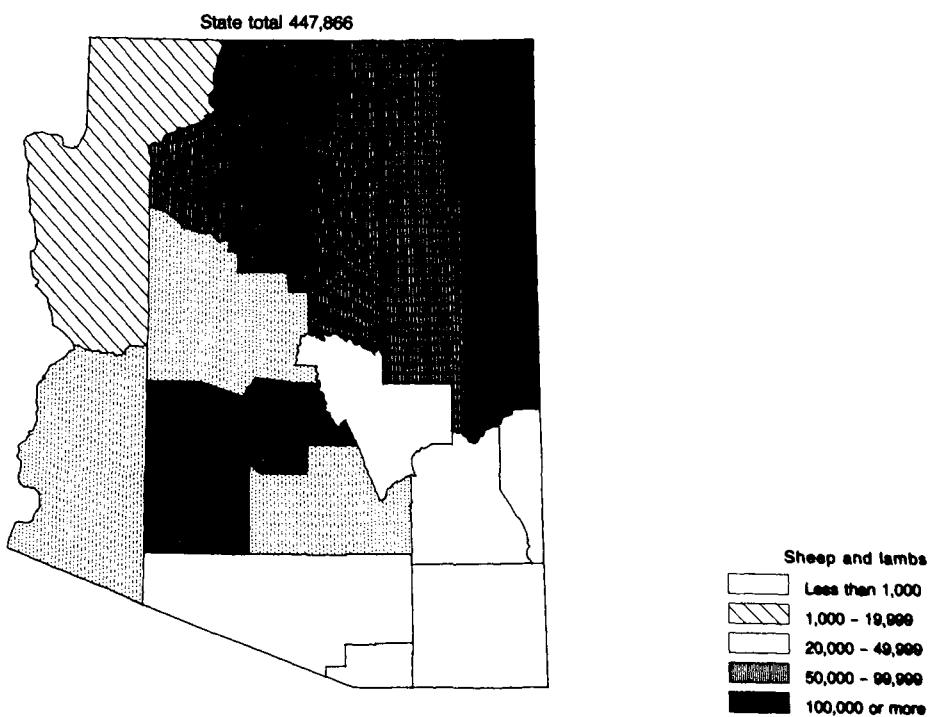
State average \$1,002,923



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

State total \$1,317,770,000



Map 5. Cattle and Calves Inventory by County: 1978**Map 6. Sheep and Lambs Inventory by County: 1978**

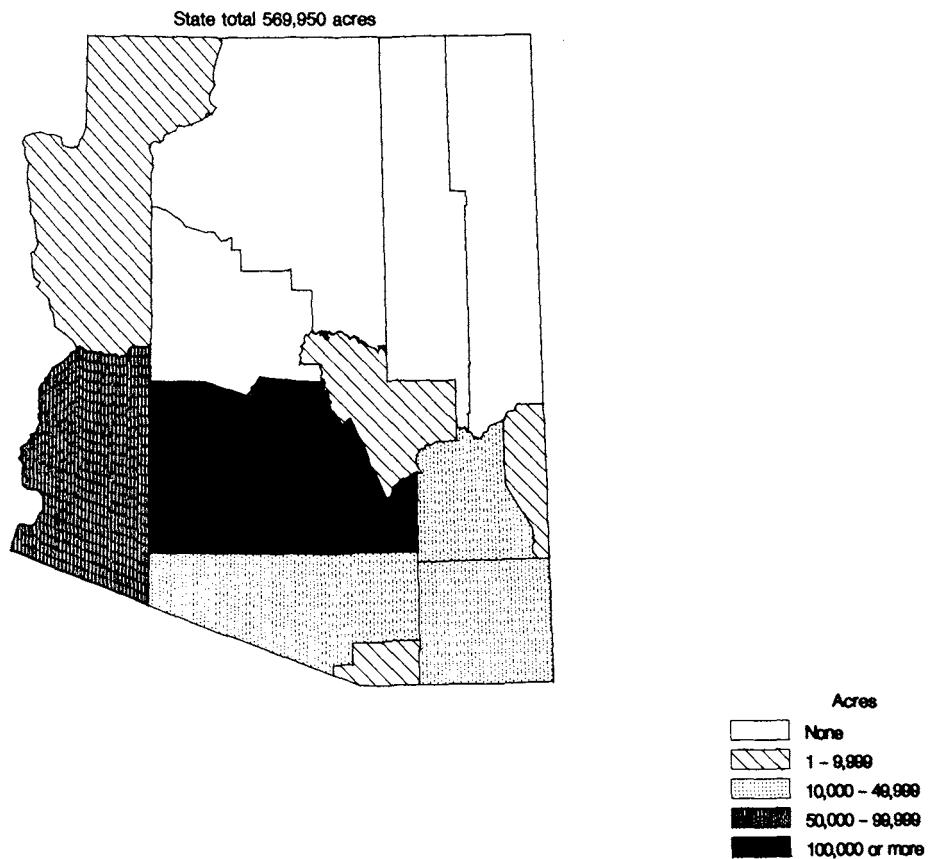
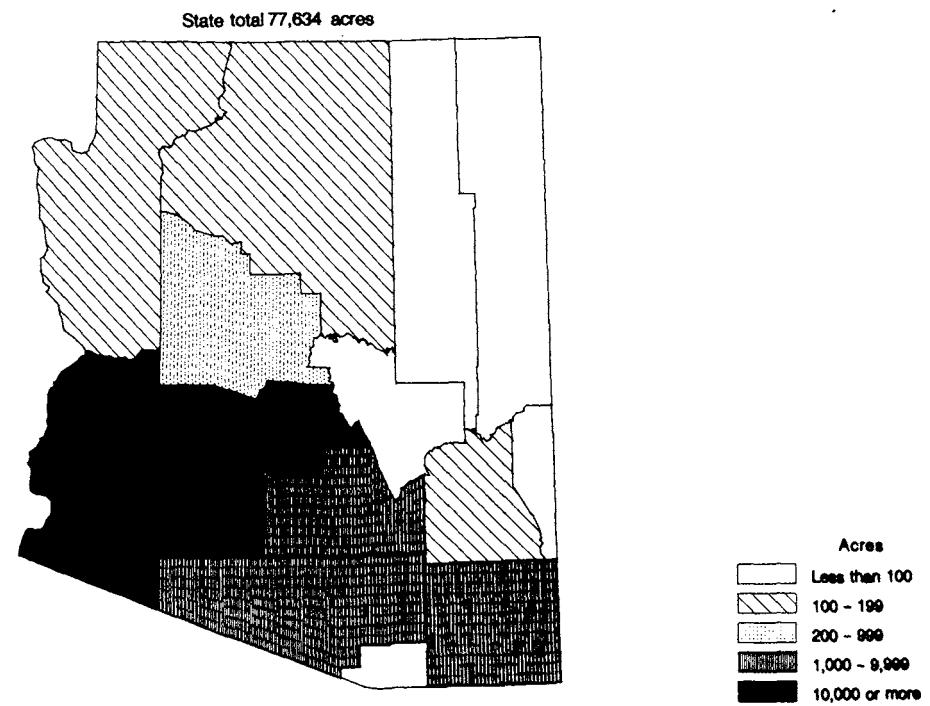
Map 7. Cotton Harvested by County: 1978**Map 8. Land in Orchards by County: 1978**

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

	1978	1974	1969	1964	1959	1954	1950	1945
All farms-----	7 660	5 803	5 890	6 477	7 233	9 321	10 412	13 142
Land in farms-----	38 657 700	37 944 191	38 202 667	40 559 493	40 203 386	41 789 946	39 916 440	37 856 370
Average size of farm-----	5 047	6 539	6 486	6 262	5 558	4 483	3 834	2 881
Approximate land area-----	72 587 520	72 587 264	72 587 264	72 680 320	72 688 000	72 688 000	72 691 200	72 691 200
Proportion in farms-----	53.3	52.3	52.6	55.8	55.3	57.5	54.9	52.1
Value of land and buildings: ¹								
Average per farm-----	1 002 923	723 169	452 241	330 549	269 724	115 330	57 996	21 905
Average per acre-----	199	111	70	53	49	26	15	8
Farms by value of land and buildings:								
\$1 to \$9,999-----	250	198	499	521	(NA)	(NA)	(NA)	(NA)
\$10,000 to \$19,999-----	337	285	471	586	(NA)	(NA)	(NA)	(NA)
\$20,000 to \$39,999-----	869	712	916	1 036	(NA)	(NA)	(NA)	(NA)
\$40,000 to \$69,999-----	962	706	830	951	(NA)	(NA)	(NA)	(NA)
\$70,000 to \$99,999-----	808	448	441	472	(NA)	(NA)	(NA)	(NA)
\$100,000 to \$149,999-----	721	584	514	562	(NA)	(NA)	(NA)	(NA)
\$150,000 to \$199,999-----	445	397	365	385	(NA)	(NA)	(NA)	(NA)
\$200,000 to \$499,999-----	1 337	1 143	961	1 040	(NA)	(NA)	(NA)	(NA)
\$500,000 or more-----	1 931	1 330	893	924	(NA)	(NA)	(NA)	(NA)
Land in farms according to use:								
Total cropland-----	5 500	4 244	4 189	4 890	5 626	7 472	8 535	10 132
farms-----	1 574 996	1 505 072	1 631 401	1 589 668	1 586 267	1 614 859	1 265 597	958 530
acres-----	3 975	3 533	3 354	4 191	4 878	6 209	6 973	7 409
Harvested cropland-----	1 113 890	1 096 525	1 079 327	1 025 494	1 018 757	1 093 544	883 717	652 049
Farms by acres harvested:								
1 to 49 acres-----	2 111	1 678	1 462	1 971	2 311	3 285	4 363	5 220
1 to 9 acres-----	1 095	637	558	1 034	1 017	1 581	1 941	2 535
10 to 19 acres-----	435	480	361	415	498	689	961	1 188
20 to 29 acres-----	268	235	250	212	301	397	580	596
30 to 49 acres-----	313	326	293	310	495	618	881	901
50 to 99 acres-----	349	379	348	491	652	841	899	899
100 to 199 acres-----	333	365	377	494	682	761	698	595
200 to 499 acres-----	537	498	557	685	746	770	623	421
500 to 999 acres-----	377	352	357	344	315	348	245	184
1,000 acres or more-----	268	261	253	206	172	204	145	90
1,000 to 1,999 acres-----	168	171	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2,000 acres or more-----	100	90	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cropland used only for pasture or grazing ² -----	2 080	1 290	1 484	1 658	1 954	2 760	3 320	4 640
farms-----	143 667	117 299	146 450	141 802	204 095	201 895	184 010	229 607
acres-----	1 554	971	1 336	1 966	1 871	2 475	2 358	(NA)
Other cropland-----	317 439	291 248	405 624	422 372	363 415	319 420	197 870	76 874
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	112	(NA)	(NA)	183	174	(NA)	(NA)	(NA)
farms-----	3 933	(NA)	(NA)	23 259	16 816	(NA)	(NA)	(NA)
acres-----	229	(NA)	(NA)	165	(NA)	(NA)	(NA)	644
Cropland on which all crops failed-----	12 526	(NA)	(NA)	6 537	(NA)	(NA)	(NA)	21 132
Cropland in cultivated summer fallow ³ -----	98 495	(NA)	(NA)	800	887	909	599	(NA)
farms-----	1 162	(NA)	(NA)	1 287	(NA)	(NA)	(NA)	1 027
acres-----	202 485	(NA)	(NA)	204 455	(NA)	(NA)	(NA)	55 742
Total woodland-----	232	202	179	328	276	893	821	487
farms-----	4 218 210	4 132 311	5 069 742	5 313 253	6 022 820	8 950 507	7 009 835	6 021 282
acres-----	154	(NA)	(NA)	270	229	745	666	355
Woodland pastured-----	4 058 283	(NA)	(NA)	5 293 343	5 959 964	8 896 754	6 935 764	6 007 260
farms-----	99	(NA)	(NA)	81	60	181	183	141
acres-----	159 927	(NA)	(NA)	19 910	62 856	53 753	74 071	14 022
Woodland not pastured-----	5 284	4 041	4 170	(NA)	(NA)	(NA)	(NA)	(NA)
farms-----	32 864 494	32 306 808	31 501 524	33 656 572	32 594 299	31 224 580	31 641 008	30 876 558
Other land-----	2 338	(NA)	(NA)	2 370	2 552	2 386	2 476	4 244
farms-----	31 773 743	(NA)	(NA)	31 934 767	30 710 333	30 187 661	31 113 047	30 514 589
acres-----	4 067	(NA)	(NA)	5 247	(NA)	7 833	8 510	10 723
Land in house lots, ponds, roads, wasteland, etc.-----	1 090 751	(NA)	(NA)	1 721 805	1 883 966	1 036 919	527 961	361 969
Irrigated land-----	4 852	3 828	3 709	4 697	5 391	6 809	7 822	9 634
farms-----	1 210 568	1 153 478	1 177 618	1 125 376	1 152 450	1 177 407	963 560	736 027

¹1978 and 1950 through 1964 data are based on a sample of farms.

²Not fully comparable for various census years because of differences in cropland used only for pasture.

from State to State, 1950 through 1964; 17 Western States, 1945 not available.

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

	1978	1974	1969		1978	1974	1969
Farms-----	4 982	4 321	4 252	Land in farms according to use—Con.			
Land in farms-----	17 115 674	16 965 315	17 145 844	Total cropland—Con.			
acres-----	3 436	3 926	4 032	Cropland on which all crops failed-----	farms-----	149	62
Value of land and buildings: ¹				acres-----	10 320	7 509	5 708
Average per farm-----	1 058 730	637 925	442 755	Cropland in cultivated summer fallow-----	farms-----	250	191
Average per acre-----	308	162	110	acres-----	94 975	67 290	124 699
Land in farms according to use:				Cropland idle-----	farms-----	912	577
Total cropland-----	3 632	3 202	3 080	acres-----	168 242	144 347	207 986
farms-----	1 451 999	1 372 631	1 469 569	Total woodland-----	farms-----	131	102
acres-----	2 991	2 821	2 716	acres-----	99 737	205 726	248 421
Harvested cropland-----	1 074 707	1 052 199	1 031 397	Woodland pastured-----	farms-----	87	66
farms-----	1 866	997	872	acres-----	92 310	89 504	246 585
acres-----	325	376	337	Woodland not pastured-----	farms-----	54	41
Farms by acres harvested:				acres-----	7 427	116 222	1 836
1 to 49 acres-----	319	361	371	Postureland and rangeland other than cropland and woodland pastured-----	farms-----	1 667	1 417
50 to 99 acres-----	531	488	544	acres-----	15 359 568	14 858 453	14 788 059
100 to 199 acres-----	371	345	349	Cultivated land-----	farms-----	2 523	2 319
200 to 499 acres-----	259	254	243	acres-----	204 370	528 505	639 795
500 to 999 acres-----	162	169	168	Rangeland, all types-----	farms-----	2 420	1 961
1,000 acres or more-----	97	85	75	acres-----	15 552 277	15 033 878	15 129 554
1,000 to 1,999 acres-----				Irrigated land-----	farms-----	3 409	2 984
2,000 acres or more-----				acres-----	1 153 661	1 109 978	1 128 696
Cropland used only for pasture or grazing-----	1 084	784	851				
farms-----	100 399	85 921	94 910				
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured-----	85	86	68				
farms-----	3 356	15 365	4 869				

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

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

	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)		
	1978	1974	1978	1974	1978	1974	1978	1974	
All farms	7 660	5 803	38 657 700	37 944 191	1 113 890	1 096 525	1 210 568	1 153 478	
with harvested cropland	3 975	3 533	15 337 778	17 686 820	1 113 890	1 096 525	1 176 553	1 137 604	
with irrigated land	4 852	3 828	16 737 844	17 888 357	1 112 236	1 095 036	1 210 568	1 153 478	
Farms by size:									
1 to 9 acres	number	1 830	960	6 459	3 323	1 730	1 159	2 783	1 587
with harvested cropland		535	341	2 464	1 537	1 730	1 159	1 819	1 076
with irrigated land		828	405	3 621	1 961	1 672	1 020	2 783	1 587
10 to 49 acres	number	1 756	1 253	41 640	30 274	14 825	15 599	18 892	17 866
with harvested cropland		978	896	22 733	21 871	14 825	15 599	16 055	15 979
with irrigated land		1 217	999	27 863	23 924	14 721	15 366	18 892	17 866
50 to 69 acres	number	215	224	12 341	12 808	4 955	7 088	6 203	7 794
with harvested cropland		137	169	7 867	9 689	4 955	7 088	5 397	7 260
with irrigated land		165	186	9 476	10 660	4 905	6 978	6 203	7 794
70 to 99 acres	number	387	280	31 502	23 115	12 898	10 866	15 310	12 133
with harvested cropland		296	197	24 071	16 226	12 898	10 866	13 835	11 409
with irrigated land		340	216	27 661	17 800	12 898	10 866	15 310	12 133
100 to 139 acres	number	291	191	34 235	22 209	12 223	9 359	15 198	10 317
with harvested cropland		189	129	21 994	14 885	12 223	9 359	14 100	10 251
with irrigated land		216	130	25 125	14 999	12 143	9 345	15 198	10 317
140 to 179 acres	number	265	303	41 785	47 619	15 627	21 988	17 170	23 834
with harvested cropland		153	229	23 937	35 973	15 627	21 988	16 383	23 172
with irrigated land		173	234	27 131	36 673	15 527	21 921	17 170	23 834
180 to 219 acres	number	146	126	28 813	24 956	11 264	10 562	12 855	11 289
with harvested cropland		102	87	20 209	17 186	11 264	10 562	12 431	10 765
with irrigated land		111	92	21 935	18 191	11 244	10 042	12 855	11 289
220 to 259 acres	number	145	118	34 322	28 173	16 712	11 949	17 482	12 914
with harvested cropland		104	84	24 557	20 054	16 712	11 949	17 275	12 828
with irrigated land		114	88	26 976	21 014	16 712	11 949	17 482	12 914
260 to 499 acres	number	570	530	206 227	194 902	88 952	103 995	101 545	107 727
with harvested cropland		381	404	139 832	149 222	88 952	103 995	94 423	106 716
with irrigated land		443	420	159 930	155 012	88 427	103 995	101 545	107 727
500 to 999 acres	number	649	512	450 277	360 465	224 163	191 707	233 234	196 968
with harvested cropland		471	392	328 335	275 712	224 163	191 707	231 069	196 804
with irrigated land		496	396	346 242	278 714	224 093	191 691	233 234	196 968
1,000 to 1,999 acres	number	476	429	659 901	610 051	243 909	242 086	256 810	271 489
with harvested cropland		295	299	409 363	417 707	243 909	262 086	252 955	269 834
with irrigated land		358	313	490 828	436 309	243 909	262 086	256 810	271 489
2,000 acres or more	number	930	877	37 110 198	36 586 296	466 632	450 167	513 086	479 560
with harvested cropland		334	306	14 312 416	16 706 758	466 632	450 167	500 811	471 510
with irrigated land		391	349	15 571 056	16 873 100	465 985	449 777	513 086	479 560
5,000 acres or more	number	599	(NA)	36 065 519	(NA)	206 578	(NA)	235 025	(NA)
with harvested cropland		157	(NA)	13 777 127	(NA)	206 578	(NA)	226 970	(NA)
with irrigated land		194	(NA)	14 969 771	(NA)	206 148	(NA)	235 025	(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	7 660	5 803	5 890	479	119
	acres	38 657 700	37 944 191	38 202 667	20 866 881	196 887
Harvested cropland	farms	3 975	3 533	3 354	200	64
	acres	1 113 890	1 096 525	1 079 327	65 273	20 454
Full owners	farms	4 907	3 622	3 317	312	65
	acres	23 044 903	22 768 376	21 789 677	20 517 096	97 896
Harvested cropland	farms	2 473	2 158	1 816	109	27
	acres	369 610	340 223	273 610	30 356	2 296
Part owners	farms	1 706	1 385	1 717	111	25
	acres	12 309 261	12 216 008	14 709 796	128 814	32 908
Harvested cropland	farms	978	851	1 048	54	22
	acres	496 047	506 005	608 357	20 830	6 317
Tenants	farms	1 047	796	856	56	29
	acres	3 303 536	2 959 807	1 703 194	220 971	66 083
Harvested cropland	farms	524	490	37	15	1
	acres	248 233	250 297	197 360	14 087	11 841
Percent of tenancy	percent	13.7	13.7	14.5	11.7	24.4
Farms by type of organization:						
Individual or family	farms	5 917	(NA)	(NA)	348	(NA)
	acres	8 027 280	(NA)	(NA)	138 695	(NA)
Partnership	farms	942	(NA)	(NA)	29	(NA)
	acres	3 333 150	(NA)	(NA)	6 846	(NA)
Corporations	farms	639	(NA)	(NA)	27	(NA)
	acres	5 937 177	(NA)	(NA)	141 589	(NA)
Family held:						
More than 10 stockholders	farms	26	(NA)	(NA)	—	(NA)
	acres	1 464 802	(NA)	(NA)	—	(NA)
10 or less stockholders	farms	499	(NA)	(NA)	24	(NA)
	acres	3 293 338	(NA)	(NA)	67 916	(NA)
Other than family held:						
More than 10 stockholders	farms	34	(NA)	(NA)	3	(NA)
	acres	852 802	(NA)	(NA)	73 673	(NA)
10 or less stockholders	farms	80	(NA)	(NA)	—	(NA)
	acres	326 235	(NA)	(NA)	—	(NA)
Other—cooperative, estate or trust, institutional, etc.	farms	162	(NA)	(NA)	75	(NA)
	acres	21 360 093	(NA)	(NA)	20 579 751	(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	127	75	83	5	—	—
25 to 34 years	1 134	486	659	103	6	1
35 to 44 years	1 782	970	1 288	87	15	2
45 to 54 years	2 018	1 499	1 790	128	51	4
55 to 64 years	1 659	1 351	1 335	117	27	4
65 years and over	940	868	735	39	20	3
Average age	48.5	51.6	49.6	46.9	53.5	55.2
Operators by place of residence:¹						
On farm operated	5 062	2 682	3 400	312	50	7
Not on farm operated	1 956	1 525	1 792	113	33	6
Not reported	642	1 596	698	54	36	1
Operators reporting days of work off farm:¹						
None	2 854	1 865	(NA)	187	39	(NA)
Any	4 591	2 397	3 074	283	51	6
1 to 49 days	426	181	341	30	7	1
50 to 99 days	178	110	189	8	—	—
100 to 149 days	235	119	420	11	—	—
150 to 199 days	347	237	—	30	—	—
200 days or more	3 405	1 750	2 124	204	44	5
Not reporting	215	987	(NA)	9	29	(NA)
Operators by principal occupation:¹						
Farming	3 313	2 815	(NA)	189	76	(NA)
Other	4 347	2 434	(NA)	290	43	(NA)
Operators by sex:						
Male	7 193	(NA)	(NA)	445	(NA)	(NA)
farms	37 973	231	(NA)	20 745	(NA)	(NA)
acres	—	—	(NA)	719	(NA)	(NA)
Female	467	(NA)	(NA)	34	(NA)	(NA)
farms	684	469	(NA)	121	162	(NA)
acres	—	—	(NA)	—	—	(NA)
Operators of Spanish origin	591	(NA)	(NA)	89	(NA)	(NA)
farms	482	382	(NA)	142	026	(NA)
acres	—	—	(NA)	—	—	(NA)

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

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

	1978		1974		1969	
	Farms	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, (see text)
Individual or family	3 519	219	3 263	67	3 159	10
farms	7 624	622	121 809	8 373 397	8 445	979
acres	—	—	21	585	670	3
Partnership	771	21	—	12	—	—
farms	3 298	681	6 033	2 491 937	3 132	868
acres	—	—	—	46 058	—	—
Corporations	631	27	438	(NA)	377	—
farms	5 935	301	141 589	5 892 491	5 393	030
acres	—	—	—	(NA)	—	—
Family held:						
More than 10 stockholders	26	—	(NA)	(NA)	(NA)	(NA)
farms	1 464	802	—	(NA)	(NA)	(NA)
acres	—	—	—	(NA)	(NA)	(NA)
10 or less stockholders	492	24	(NA)	(NA)	(NA)	(NA)
farms	3 291	652	67 916	(NA)	(NA)	(NA)
acres	—	—	—	(NA)	(NA)	(NA)
Other than family held:						
More than 10 stockholders	34	3	(NA)	(NA)	(NA)	(NA)
farms	(D)	73 673	(NA)	(NA)	(NA)	(NA)
acres	—	—	—	(NA)	(NA)	(NA)
10 or less stockholders	79	—	(NA)	(NA)	(NA)	(NA)
farms	(D)	—	(NA)	(NA)	(NA)	(NA)
acres	—	—	—	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	61	11	35	(NA)	46	—
farms	257 070	15 649	207 490	(NA)	174 895	—
acres	—	—	—	(NA)	—	—

¹1969 data for farms operated by Blacks only.

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

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

All Farms	1978				All Farms	1978			
	Farms	Expenses (\$1,000)	1974	1969		Farms	Expenses (\$1,000)	1974	1969
Livestock and poultry purchased	farms \$1,000	3 288 (X) 260 854	2 118 224 944	2 347 180 066	Commercial fertilizer	farms \$1,000	3 344 (X) 45 195	2 974 40 150	3 051 18 115
Farms with expenses of —					Farms with expenses of —				
\$1 to \$499	704	144	512	614	\$1 to \$499	1 220	193	903	1 142
\$500 to \$999	487	337	341	317	\$500 to \$999	241	169	305	312
\$1,000 to \$4,999	1 301	2 728	625	657	\$1,000 to \$4,999	628	1 509	681	809
\$5,000 to \$9,999	228	1 463	166	219	\$5,000 to \$9,999	331	2 176	327	345
\$10,000 to \$14,999	80	909			\$10,000 to \$19,999	397	5 465	287	
\$15,000 to \$19,999	51	861	134		\$20,000 to \$29,999	199	4 792		
\$20,000 to \$29,999	74	1 774			\$30,000 to \$39,999	79	2 654	471	443
\$30,000 to \$39,999	27	926			\$40,000 or more	249	28 237		
\$40,000 to \$49,999	26	1 106	340						
\$50,000 to \$79,999	79	4 857							
\$80,000 or more	231	245 749							
Feed for livestock and poultry	farms \$1,000	5 025 (X) 218 830	3 363 262 959	3 433 96 964	Other agricultural chemicals including lime	farms \$1,000	3 075 (X) 46 356	2 124 23 351	(NA) 16 656
Farms with expenses of —					Farms with expenses of —				
\$1 to \$499	1 162	231	677	1 177	\$1 to \$99	538	22	375	(NA)
\$500 to \$999	1 126	804	423	600	\$100 to \$499	650	148	388	(NA)
\$1,000 to \$4,999	1 803	3 592	1 311	999	\$500 to \$999	289	193	186	(NA)
\$5,000 to \$9,999	307	2 002	309	186	\$1,000 to \$1,999	270	378	503	(NA)
\$10,000 to \$14,999	113	1 333			\$2,000 to \$4,999	266	827		
\$15,000 to \$19,999	53	849	207		\$5,000 to \$9,999	311	2 197		
\$20,000 to \$29,999	66	1 534			\$10,000 to \$19,999	285	3 880	672	(NA)
\$30,000 to \$39,999	36	1 226			\$20,000 or more	466	38 712		
\$40,000 to \$79,999	93	5 313			Hired farm labor	farms \$1,000	3 552 (X) 129 977	2 843 92 272	3 719 67 647
\$80,000 or more	266	201 945			Farms with expenses of —				
Commercially mixed formula feeds	farms \$1,000	2 127 (X) 54 606	2 520 60 643	2 326 23 357	\$1 to \$99	125	5	118	
Farms by tons purchased:					\$100 to \$499	417	107	344	990
1 to 49 tons	1 809	(X)	2 000	1 820	\$500 to \$999	368	238	233	303
50 to 99 tons	73	(X)	157	141	\$1,000 to \$2,499	477	738	310	414
100 to 199 tons	46	(X)	121	125	\$2,500 to \$4,999	388	1 413	260	455
200 to 499 tons	60	(X)	107	106	\$5,000 to \$9,999	266	1 886	380	455
500 to 799 tons	26	(X)			\$10,000 to \$19,999	423	5 948	375	
800 to 999 tons	18	(X)			\$20,000 to \$29,999	308	7 189		
1,000 tons or more	95	(X)			\$30,000 to \$49,999	270	10 413	823	1 102
					\$50,000 or more	510	102 040		
Farms with expenses of —					Contract labor	farms \$1,000	1 344 (X) 29 170	848 11 855	(NA) (NA)
\$1 to \$499	688	143	708	933	Farms with expenses of —				
\$500 to \$999	513	316	308	355	\$1 to \$499	138	35	153	(NA)
\$1,000 to \$4,999	562	1 185	891	602	\$500 to \$999	136	94	98	(NA)
\$5,000 to \$9,999	66	449	192	122	\$1,000 to \$4,999	556	1 403	263	(NA)
\$10,000 to \$14,999	49	574			\$5,000 to \$9,999	174	1 215	132	(NA)
\$15,000 to \$19,999	14	236	129		\$10,000 to \$19,999	157	2 120		
\$20,000 to \$29,999	32	741			\$20,000 or more	183	24 302	202	(NA)
\$30,000 to \$39,999	18	620			Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	2 508 (X) 34 787	2 017 21 194	(NA) (NA)
\$40,000 to \$49,999	16	713	292	314	Farms with expenses of —				
\$50,000 or more	169	49 628			\$1 to \$499	729	145	551	(NA)
Animal health cost	farms \$1,000	4 047 (X) 6 804	(NA) (NA) (NA)	(NA) (NA) (NA)	\$500 to \$999	286	185	260	(NA)
Farms with expenses of —					\$1,000 to \$4,999	628	1 398	542	(NA)
\$1 to \$499	1 523	62	(NA)	(NA)	\$5,000 to \$9,999	279	1 944	256	(NA)
\$500 to \$999	1 607	343	(NA)	(NA)	\$10,000 to \$19,999	236	3 241		
\$1,000 to \$2,999	332	212	(NA)	(NA)	\$20,000 to \$39,999	350	27 874	408	(NA)
\$3,000 to \$4,999	318	495	(NA)	(NA)					
\$5,000 or more	98	358	(NA)	(NA)	Energy and petroleum products expenses	farms \$1,000	7 596 (X) 74 475	(NA) (NA)	(NA) (NA)
Seeds, bulbs, plants, and trees	farms \$1,000	2 971 (X) 12 149	2 487 11 698	2 319 5 781	Farms with expenses of —				
Farms with expenses of —					\$1 to \$499	3 119	760	(NA)	(NA)
\$1 to \$499	1 310	244	1 014	1 062	\$500 to \$999	1 159	830	(NA)	(NA)
\$500 to \$999	220	152	297	405	\$1,000 to \$1,999	726	1 002	(NA)	(NA)
\$1,000 to \$4,999	843	2 036	748	643	\$2,000 to \$4,999	794	2 571	(NA)	(NA)
\$5,000 to \$9,999	329	2 163	189	105	\$5,000 to \$9,999	552	3 903	(NA)	(NA)
\$10,000 to \$19,999	160	2 115			\$10,000 to \$19,999	416	6 156	(NA)	(NA)
\$20,000 or more	109	5 440	239	104	\$20,000 to \$39,999	414	11 314	(NA)	(NA)
					\$40,000 or more	416	47 941	(NA)	(NA)
Petroleum products	farms \$1,000	7 569 (X) 40 947	(NA)	(NA)					
Farms with expenses of —					7 569 (X) 40 947	5 389 22 523	5 615 13 738		
\$1 to \$499	3 802	780			\$1 to \$499	795	552	2 126	2 509
\$500 to \$999	676	965			\$500 to \$999	676	965	731	882
\$1,000 to \$1,999	773	2 493			\$1,000 to \$1,999	773	2 493	1 518	1 553
\$2,000 to \$4,999	557	4 017			\$2,000 to \$4,999	557	4 017	491	364
\$5,000 to \$9,999	518	7 402			\$5,000 to \$9,999	518	7 402	523	307
\$10,000 to \$19,999	448	24 739			\$10,000 to \$19,999	448	24 739		
\$20,000 or more					\$20,000 or more				

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		Forms with sales of \$2,500 or more				
	Farms	Expenses (\$1,000)	1978, farms	1978, expenses (\$1,000)		1974, farms	1969, farms
				1978, farms	expenses (\$1,000)		
Gasoline	farms	7 224	(X)	4 647	(X)	3 987	3 982
	\$1,000	(X)	13 941	(X)	12 691	9 354	6 109
Farms with expenses of—							
\$1 to \$499		3 910	667	1 515	330	1 217	1 599
\$500 to \$999		866	577	751	503	821	843
\$1,000 to \$1,999		772	1 039	765	1 030	779	740
\$2,000 to \$4,999		970	2 860	948	2 791	762	559
\$5,000 to \$9,999		420	2 842	406	2 744	250	241
\$10,000 to \$19,999		194	2 488	180	2 298	158	
\$20,000 or more		92	3 468	82	2 994		
Diesel fuel	farms	2 823	(X)	2 465	(X)	1 962	1 885
	\$1,000	(X)	12 380	(X)	12 038	7 361	3 299
Farms with expenses of—							
\$1 to \$499		934	160	615	125	598	792
\$500 to \$999		325	215	310	205	277	309
\$1,000 to \$1,999		374	503	369	496	326	275
\$2,000 to \$4,999		510	1 617	503	1 596	407	339
\$5,000 to \$9,999		356	2 391	349	2 347	188	
\$10,000 or more		324	7 493	319	7 270	166	170
LP gas, butane, and propane	farms	1 813	(X)	1 620	(X)	1 431	1 639
	\$1,000	(X)	2 698	(X)	2 575	1 998	1 442
Farms with expenses of—							
\$1 to \$99		184	9	121	7	178	292
\$100 to \$499		644	167	534	142	546	744
\$500 to \$999		360	244	353	239	255	249
\$1,000 to \$2,499		276	357	275	(D)	373	
\$2,500 to \$4,999		249	703	239	670		354
\$5,000 or more		100	1 218	98	(D)	79	
Motor oil, grease, natural gas, kerosene, and fuel oil	farms	7 568	(X)	4 912	(X)	4 147	4 117
	\$1,000	(X)	11 928	(X)	11 611	2 840	2 243
Farms with expenses of—							
\$1 to \$99		4 307	108	1 923	59	1 787	1 977
\$100 to \$499		1 823	342	1 593	304	1 339	1 460
\$500 to \$999		444	278	428	268	481	338
\$1,000 to \$2,999		392	545	380	532	436	
\$3,000 to \$4,999		281	804	275	785		342
\$5,000 or more		321	9 851	313	9 665	104	
1978, All farms							
	Fuel oil		Natural gas		Kerosene, motor oil, and grease	Electricity	Other—coal, wood, coke, etc.
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms
Forms	number	242	(X)	555	(X)	7 568	(X)
	dollars	(X)	347	(X)	8 702	(X)	2 878
Farms with expenses of—							
\$1 to \$99		54	2	42	2	436	110
\$100 to \$999		111	31	171	68	2 365	644
\$1,000 to \$1,999		50	63	57	75	390	519
\$2,000 to \$4,999		15	45	53	167	280	775
\$5,000 or more		12	207	232	8 391	97	832
						801	30 727

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)
		Farms	Expenses (\$1,000)	Price per gallon		Expenses (\$1,000)	Storage capacity (1,000 gallons)
Gasoline		7 224	23 454	13 941	59.4	2 668	9 897
Storage capacity of 500 gallons or more		(X)	(X)	(X)	1 958	9 228	3 116
Diesel fuel		2 823	27 450	12 380	45.1	1 874	10 606
Storage capacity of 500 gallons or more		(X)	(X)	(X)	1 529	10 308	4 640
LP gas, butane, and propane		1 813	6 237	2 698	43.3	1 071	1 977
Storage capacity of 500 gallons or more		(X)	(X)	(X)	685	1 779	1 339
Fuel oil		242	802	347	43.3	69	1 254
Storage capacity of 500 gallons or more		(X)	(X)	(X)	30	157	57

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	Forms with sales of \$2,500 or more		
		1978		1974
		Farms	Expenses (\$1,000)	
Hired farm labor		3,552	3 002	2 487
Workers		61 583	59 161	51 294
payroll, \$1,000		129 977	125 524	88 719
Workers by number of days worked:				
150 days or more		2 143	2 032	1 682
Workers		18 764	18 248	12 755
payroll, \$1,000		2 861	2 366	1 697
Less than 150 days		42 819	40 913	38 539
Workers		1 344	1 177	762
payroll, \$1,000		29 170	28 840	11 709
Contract labor				
Workers				
payroll, \$1,000				

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) forms	7 660	5 803	5 890	4 982	4 321	4 252
Average per form dollars	\$1,000.. 1 317 770	\$1,000.. 1 080 530	\$1,000.. 611 211	\$1,000.. 1 284 763	\$1,000.. 1 053 587	\$1,000.. 594 129
Forms by value of agricultural products sold:						
Less than \$2,500 (see text) forms	2 586	1 584	1 786	(X)	183	230
\$2,500 to \$4,999 forms	2 830	1 741	1 512	(X)	202	172
\$5,000 to \$7,499 forms	880	589	583	880	589	583
\$7,500 to \$9,999 forms	3 119	2 103	2 116	3 119	2 103	2 116
\$10,000 to \$14,999 forms	466	359	390	466	359	390
\$15,000 to \$19,999 forms	2 787	2 194	2 373	2 787	2 194	2 373
\$20,000 to \$29,999 forms	224	225	259	224	225	259
\$30,000 to \$39,999 forms	1 927	1 935	2 232	1 927	1 935	2 232
\$40,000 to \$59,999 forms	356	301	330	356	301	330
\$60,000 to \$79,999 forms	4 337	3 665	4 002	4 337	3 665	4 002
\$80,000 to \$99,999 forms	272	253	252	272	253	252
\$100,000 or more forms	4 649	4 287	4 336	4 649	4 287	4 336
\$100,000 to \$199,999 forms	347	312	336	347	312	336
\$200,000 to \$499,999 forms	8 469	7 714	8 283	8 469	7 714	8 283
\$500,000 or more forms	238	232	279	238	232	279
Abnormal forms	15 338	9 256	15 584	15 338	9 256	15 584
Crops, including nursery and greenhouse products forms	1 206 806	983 828	511 765	1 206 806	983 827	511 765
Grains forms	505	408	411	505	408	411
Commodity Credit Corporation loans forms	72 118	59 282	(NA)	72 118	59 282	(NA)
Cotton and cottonseed forms	549	482	258	549	482	258
Commodity Credit Corporation loans forms	174 459	154 506	(NA)	174 459	154 506	(NA)
Tobacco forms	464	341	158	464	341	158
Field seeds, hay, forage, and silage forms	960 228	770 039	(NA)	960 228	770 039	(NA)
Vegetables, sweet corn, and melons forms	1 294	(NA)	(NA)	1 273	1 124	1 250
Fruits, nuts, and berries forms	340 697	(NA)	(NA)	335 138	205 821	68 692
Nursery and greenhouse products forms	81	(NA)	(NA)	80	(NA)	(NA)
Other crops forms	2 819	(NA)	(NA)	(D)	(NA)	(NA)
Livestock, poultry, and their products sold forms	5 082	3 516	3 582	3 136	2 460	2 492
Poultry and poultry products forms	658 218	580 247	375 035	635 444	562 541	360 790
Dairy products forms	429	225	(NA)	212	105	119
Cattle and calves forms	7 549	6 461	(NA)	7 465	6 422	9 694
Sheep, lambs, and wool forms	93 518	(NA)	(NA)	205	174	205
Hogs and pigs forms	3 806	(NA)	(NA)	92 219	58 227	28 288
Other livestock and livestock products (see text) forms	509 810	(NA)	(NA)	496 034	2 615	2 152
Average per form dollars	\$1,000.. 13 124	\$1,000.. 1 357	\$1,000.. 1 357	\$1,000.. 1 883	\$1,000.. 10 861	\$1,000.. 3 626

¹1974 and 1969 data include sales of forest products.

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

	All farms		Farms with sales or \$2,500 or more	
	Forms	Value (\$1,000)	Forms	Value (\$1,000)
Direct sales forms	700	(X)	407	(X)
Average per form dollars	\$1,000.. (X)	3 158	\$1,000.. (X)	2 888
Forms by value of direct sales:				
\$1 to \$99 forms	53	2	17	1
\$100 to \$249 forms	94	17	47	9
\$250 to \$499 forms	130	49	50	18
\$500 to \$999 forms	114	76	63	43
\$1,000 to \$4,999 forms	240	539	164	422
\$5,000 to \$9,999 forms	30	200	28	(D)
\$10,000 to \$19,999 forms	19	249	19	249
\$20,000 to \$29,999 forms	6	143	6	143
\$30,000 or more forms	14	1 883	13	(D)

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

	All farms			Farms with sales of \$2,500 or more		
	1978		1974	1969	1978	
	farms \$1,000 dollars	542 7 388 13 631	470 5 953 12 666	589 5 386 9 144	424 7 249 17 097	408 5 710 13 995
Income from machine work, customwork, and other agricultural services:						
\$1 to \$249	96	(NA)	(NA)		72	56
\$250 to \$499	33	(NA)	(NA)		19	15
\$500 to \$999	74	(NA)	(NA)		24	29
\$1,000 to \$4,999	140	(NA)	(NA)		116	104
\$5,000 to \$9,999	58	(NA)	(NA)		52	67
\$10,000 to \$19,999	57	(NA)	(NA)		57	71
\$20,000 to \$29,999	26	(NA)	(NA)		26	137
\$30,000 or more	58	(NA)	(NA)		58	115

Average per farm

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 sales (\$1,000)		
				Value of land and buildings	Value of machinery and equipment	Total	Crops, including nursery and greenhouse products	Livestock and livestock products
Total	7 660	38 657 700	1 113 890	1 002 923	46 804	1 317 770	659 552	650 669
Crops (01)	2 893	2 121 643	1 036 469	979 056	89 628	657 530	646 279	11 228
Cash grains (011)	143	104 027	42 323	781 831	63 228	10 703	10 222	480
Wheat (0111)	23	8 093	3 978	417 937	38 411	863	863	-
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	43	24 977	17 644	463 308	84 317	4 339	4 215	124
Soybeans (0116)	2	252	174	127 200	20 200	24	24	-
Cash grains, n.e.c. ² (0119)	75	70 705	20 527	1 137 064	64 040	5 477	5 120	356
Field crops, except cash grains (013)	1 601	1 555 005	756 600	1 188 215	119 231	390 306	382 657	7 634
Cotton (0131)	1 041	1 423 315	670 438	1 578 893	158 360	353 689	347 328	6 347
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugar crops (0133)	1	(D)	(D)	(D)	(D)	(D)	(D)	-
Irish potatoes (0134)	8	(D)	(D)	(D)	(D)	(D)	(D)	-
Field crops, except cash grains, n.e.c. ² (0139)	551	113 165	74 903	337 080	31 544	27 677	26 504	1 172
Vegetables and melons (016)	192	99 663	86 873	1 211 781	103 160	132 988	132 859	128
Fruits and tree nuts (017)	673	226 804	69 180	537 092	31 052	65 710	65 625	81
Berry crops (0171)	1	10	1	42 500	6 000	-	-	4
Grapes (0172)	13	16 671	5 740	2 053 278	325 834	9 508	9 506	-
Tree nuts (0173)	52	20 029	12 273	1 666 316	15 738	8 755	8 753	2
Citrus fruits (0174)	455	66 233	47 886	509 949	29 199	46 711	46 680	31
Deciduous tree fruits (0175)	48	110 322	1 398	346 045	24 674	458	417	38
Fruits and tree nuts, n.e.c. ² (0179)	104	13 539	1 882	147 183	9 195	278	269	9
Horticultural specialties (018)	154	11 470	6 469	237 787	25 512	19 421	19 411	9
Ornamental floriculture and nursery products (0181)	131	11 041	6 408	274 973	28 923	18 005	17 999	5
Food crops grown under cover (0182)	14	371	39	115 776	16 619	1 379	1 379	-
Horticultural specialties, n.e.c. ² (0189)	9	58	22	160 556	11 789	37	33	4
General farms, primarily crop (019)	130	124 674	75 024	1 457 998	118 049	38 401	35 505	2 895
Livestock (02)	4 767	36 536 057	77 421	1 017 383	20 937	660 240	13 272	639 441
Livestock, except dairy, poultry, and animal specialties (021)	3 679	35 814 414	62 525	1 231 729	20 280	536 620	11 145	525 353
Beef cattle feedlots (0211)	239	422 669	14 939	696 580	46 074	332 184	3 253	123
Beef cattle, except feedlots (0212)	2 678	23 972 396	32 058	1 286 638	18 055	163 772	4 419	328 922
Hogs (0213)	507	16 745	3 445	76 607	12 210	19 970	1 019	159 338
Sheep and goats (0214)	140	8 181 287	8 326	4 063 350	40 279	15 183	686	14 496
General livestock, except dairy, poultry, and animal specialties (0219)	115	3 221 317	3 757	2 655 684	30 301	5 512	1 768	3 739
Dairy (024)	186	25 246	11 659	432 038	74 488	103 679	1 376	102 299
Poultry and eggs (025)	75	1 758	145	100 038	29 267	7 385	6	30
Broiler, fryer, and roaster chickens (0251)	1	(D)	-	(D)	(D)	(D)	-	7 348
Chicken eggs (0252)	67	1 699	143	101 026	31 326	6 939	6	27
Turkey and turkey eggs (0253)	2	10	-	-	-	6	-	6 906
Poultry hatcheries (0254)	-	-	-	-	-	-	1	5
Poultry and eggs, n.e.c. ² (0259)	5	(D)	2	(D)	(D)	(D)	-	(D)
Animal specialties (027)	668	255 578	1 496	145 874	10 473	11 009	294	10 705
Fur-bearing animals and rabbits (0271)	9	37	-	-	-	27	-	9
Horses and other equines (0272)	503	250 893	1 123	168 088	10 890	9 017	163	8 849
Animal specialties, n.e.c. ² (0279)	156	4 648	373	78 952	9 187	1 964	131	1 829
General farms, primarily livestock (029)	159	439 061	1 596	655 025	14 940	1 547	451	1 054

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		Value (\$1,000)	Farms	Value (\$1,000)
	Farms	Value (\$1,000)	Farms	Value (\$1,000)			
Estimated market value of all machinery and equipment	7 608	(X)	5 339	(X)			
farms \$1,000		356 087		210 949			
Average per farm	(X)	46 804	(X)	39 511			
By value group:							
\$1 to \$999	125	74	77	45			
\$1,000 to \$4,999	1 393	3 601	842	2 480			
\$5,000 to \$9,999	2 227	14 867	1 105	7 617			
\$10,000 to \$19,999	1 106	14 233	1 004	13 386			
\$20,000 to \$29,999	679	15 193	683	16 428			
\$30,000 to \$49,999	528	18 954	652	24 856			
\$50,000 to \$69,999	317	17 477	282	15 723			
\$70,000 or more	1 233	271 687	694	130 415			
\$70,000 to \$99,999	248	19 963	(NA)	(NA)			
\$100,000 to \$199,999	521	69 717	(NA)	(NA)			
\$200,000 to \$499,999	382	102 895	(NA)	(NA)			
\$500,000 or more	82	79 112	(NA)	(NA)			
1978						1974	
Total		Manufactured 1974 to 1978		Manufactured prior to 1974		Number manufactured 1970 to 1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
Selected machinery and equipment:							
Automobiles	3 420	5 572	2 017	2 976	1 913	2 596	3 543
2 or 3	1 121	2 443	458	1 023	417	911	1 199
4 or more	157	987	62	456	39	228	877
Motortrucks, including pickups	6 735	16 775	3 900	7 946	4 668	8 829	4 823
2 or 3	2 260	5 188	1 049	2 426	1 331	3 025	1 848
4 or more	1 075	8 187	412	3 081	418	2 885	1 108
Wheel tractors	4 779	12 749	1 615	3 791	4 207	8 958	3 977
2 or 3	1 384	3 269	512	1 188	1 291	3 016	12 214
4 or more	1 012	7 097	237	1 737	583	3 609	(NA)
Grain and bean combines, self-propelled only	377	513	193	239	225	274	374
Cornpickers, corn heads, and picker-shellers	79	93	47	53	36	40	530
Corn heads for combines	62	70	44	49	20	21	108
Other cornpickers and picker-shellers	20	23	4	4	18	19	19
Cottonpickers	822	1 789	483	968	478	821	(NA)
Mower conditioners	750	841	321	367	440	474	(NA)
Pickup balers	846	1 081	263	371	618	710	359
Field forage harvesters, shear bar or flywheel type	294	341	133	164	166	177	427
							130
							295
							1 018
							314
							105

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	Forms with sales of \$2,500 or more		1978	1974
		Farms	Value (\$1,000)		
Agricultural chemicals, including commercial fertilizer and lime					
farms \$1,000	4 032	3 118		2 706	
Commercial fertilizer	91 551	89 262		62 212	
farms	3 344	2 634		2 455	
acres on which used	1 044 466	1 013 733		951 769	
\$1,000	45 195	44 101		39 248	
Lime	—	—		—	
farms	—	—		—	
acres on which used	—	—		—	
tons	—	—		—	
Forms by tons used:					
1 to 49 tons	—	—		—	
50 to 99 tons	—	—		—	
100 to 199 tons	—	—		—	
200 to 499 tons	—	—		—	
500 to 999 tons	—	—		—	
1,000 tons or more	—	—		—	
Sprays, dusts, granules, fumigants, etc. to control:					
Insects on hay and other crops	1 912	1 707		(NA)	
farms	770 425	745 951		628 634	
acres on which used	220	212		96	
Nematodes in crops	52 636	52 310		26 023	
farms	394	287		151	
Diseases in crops and orchards	91 954	90 974		51 967	
farms	1 621	1 426		(NA)	
acres on which used	637 110	618 031		405 897	
Weeds, grass, or brush in crops and pasture	—	—		—	
farms	—	—		—	
acres on which used	—	—		—	
Chemicals for:					
Defoliation or for growth control of crops or thinning					
of fruit	1 039	957		459	
farms	430 397	419 872		208 735	
acres on which used	—	720		277	
Insect control on livestock and poultry	1 009	251		(NA)	
farms	360	—		—	
Sanitation and rodent and bird control	—	—		—	
farms	—	—		—	

Table 16. Irrigation: 1978, 1974, and 1969

	All farms			Farms with sales of \$2,500 or more			
	1978	1974	1969	1978	1974	1969	
Farms irrigated in census year	4 852	3 828	3 709	3 409	2 984	2 894	
Proportion of farms	63.3	66.0	62.9	68.4	69.1	68.0	
Irrigated land	1 210 568	1 153 478	1 177 618	1 153 661	1 109 978	1 128 696	
Average per farm	249	301	3 175	338	372	3 900	
Irrigated farms by acres irrigated:							
1 to 9 acres	1 466	674	618	521	210	184	
acres	5 843	(NA)	(NA)	2 125	981	928	
10 to 49 acres	1 284	1 179	1 053	876	838	729	
acres	28 901	(NA)	(NA)	21 857	20 903	18 282	
50 to 99 acres	441	418	389	398	404	372	
acres	30 628	(NA)	(NA)	27 722	28 641	25 776	
100 to 199 acres	407	410	417	388	405	406	
acres	57 492	(NA)	(NA)	54 870	56 255	57 085	
200 to 499 acres	580	512	582	568	505	568	
acres	188 229	(NA)	(NA)	184 672	164 528	185 905	
500 to 999 acres	396	361	368	390	357	360	
acres	273 125	(NA)	(NA)	268 871	251 375	248 835	
1,000 acres or more	278	274	282	268	265	275	
acres	626 350	(NA)	(NA)	593 544	587 295	591 885	
Irrigated land use:							
Harvested cropland	3 911	(NA)	(NA)	2 944	2 758	2 692	
acres	1 109 761	(NA)	(NA)	1 071 046	1 048 819	1 028 599	
Pastureland	1 376	(NA)	(NA)	782	(NA)	(NA)	
acres	65 511	(NA)	(NA)	51 063	42 314	51 998	
Other land	392	(NA)	(NA)	319	139	273	
acres	35 296	(NA)	(NA)	31 552	18 845	48 099	
Land in irrigated farms	acres	16 737 844	17 888 357	19 240 066	5 882 503	5 318 308	5 839 090
Cropland	acres	1 491 212	(NA)	(NA)	1 406 525	1 301 536	1 420 256
Harvested cropland	acres	1 112 236	1 095 036	1 076 995	1 073 210	1 051 228	1 030 467

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

	Irrigated farms			Nonirrigated farms	
	All farms	Any irrigated land	All harvested cropland irrigated		
Farms	number	7 660	4 852	3 876	2 808
Land in farms	acres	38 657 700	16 737 844	12 793 889	21 919 856
Value of land and buildings: ¹					
Average per farm	dollars	1 002 923	951 178	1 051 312	1 092 034
Average per acre	dollars	199	278	321	140
Irrigated land	acres	1 210 568	1 210 568	1 168 157	(X)
Land in farms according to use:					
Total cropland	farms	5 500	4 657	3 876	843
acres	1 574 996	1 491 212	1 445 205	83 784	
Harvested cropland	farms	3 975	3 915	3 876	60
acres	1 113 890	1 112 236	1 102 269	1 654	
Total pastureland, excluding woodland pastured	farms	3 977	2 190	1 253	1 787
acres	31 917 410	11 687 245	9 044 360	20 230 165	
Inventory of livestock:					
Cattle and calves	farms	4 064	2 148	1 407	1 916
number	1 265 896	604 271	346 960	661 625	
Milk cows	farms	938	609	433	329
Hogs and pigs	farms	71 954	35 730	30 860	36 224
Sheep and lambs	farms	1 158	548	390	610
number	192 146	51 833	42 803	140 313	
387	222	169	169	165	
447 866	214 835	187 881	187 881	233 031	
Estimated market value of all machinery and equipment ¹	forms	7 608	4 809	3 865	2 799
\$1,000	\$1,000	356 087	308 086	292 068	48 001
Average per farm	dollars	46 804	64 064	75 567	17 149
Market value of agricultural products sold	\$1,000	1 317 770	960 023	824 093	357 747
Average per farm	dollars	172 033	197 861	212 614	127 403
Crops, including nursery and greenhouse products	forms	3 126	3 076	3 053	50
\$1,000	\$1,000	659 552	657 443	653 312	2 109
Livestock and livestock products	forms	5 024	2 427	1 526	2 597
\$1,000	\$1,000	650 669	302 202	170 640	348 467
Poultry and poultry products	forms	429	303	196	126
\$1,000	\$1,000	7 549	378	141	7 171
Selected farm production expenses: ¹					
Feed for livestock and poultry	forms	5 025	2 387	1 489	2 638
\$1,000	\$1,000	218 830	103 845	54 963	114 984
Seed, bulbs, plants, and trees	forms	2 971	2 752	2 451	219
\$1,000	\$1,000	12 149	11 911	11 645	238
Commercial fertilizer	forms	3 344	3 256	2 991	88
\$1,000	\$1,000	45 195	45 154	44 734	41
Other agricultural chemicals, including lime	forms	3 075	2 684	2 527	391
\$1,000	\$1,000	46 356	45 800	45 633	557
Energy and petroleum products	forms	7 596	4 811	3 862	2 785
\$1,000	\$1,000	74 475	67 230	64 901	7 246
Hired farm labor	forms	3 552	2 561	2 247	991
\$1,000	\$1,000	129 977	112 811	108 210	17 165
Contract labor	forms	1 344	1 189	1 160	155
\$1,000	\$1,000	29 170	28 594	28 471	577

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

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

All Farms

	Inventory			Sales			
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	
Value of livestock and poultry ¹	1978	5 499	(X)	541 062	5 082	(X)	658 218
	1974	3 639	(X)	235 117	3 516	(X)	580 247
	1969	(NA)	(X)	226 375	3 582	(X)	372 035
Value of poultry	1978	1 642	(X)	1 133	429	(X)	7 549
Value of livestock	1978	5 418	(X)	539 928	5 024	(X)	650 659
Cattle and calves	1978	4 064	1 265 896	487 682	3 806	1 203 595	509 810
	1974	3 114	1 217 769	199 689	2 996	1 461 832	(NA)
	1969	2 973	1 237 729	200 897	2 937	1 375 605	(NA)
Cows and heifers that had calved	1978	3 210	390 632	177 839	(NA)	(NA)	(NA)
	1974	2 538	409 682	80 092	(NA)	(NA)	(NA)
	1969	2 282	351 699	69 274	(NA)	(NA)	(NA)
Beef cows	1978	2 732	318 678	127 471	(NA)	(NA)	(NA)
	1974	2 210	351 647	59 780	(NA)	(NA)	(NA)
	1969	(NA)	309 070	55 633	(NA)	(NA)	(NA)
Milk cows	1978	938	71 954	50 368	(NA)	(NA)	(NA)
	1974	792	58 035	20 312	(NA)	(NA)	(NA)
	1969	722	42 629	13 641	(NA)	(NA)	(NA)
Hogs and pigs	1978	1 158	192 146	13 738	827	197 169	19 302
	1974	512	101 922	5 101	390	151 287	(NA)
	1969	413	68 122	2 309	350	98 575	(NA)
Feeder pigs sold	1978	(X)	(X)	(X)	137	14 830	546
	1974	(X)	(X)	(X)	124	9 388	(NA)
Sheep and lambs ²	1978	387	447 866	25 752	315	283 197	14 914
	1974	259	535 624	14 353	194	353 871	(NA)
	1969	322	525 556	10 140	270	348 830	(NA)
Horses and ponies	1978	3 167	42 517	12 755	1 026	6 010	9 795
	1974	1 817	44 405	14 190	475	4 285	(NA)
	1969	2 328	52 462	9 777	603	4 534	(NA)
Chickens 3 months old or older	1978	1 510	649 701	1 037	188	448 399	(NA)
	1974	686	800 981	1 726	117	555 732	(NA)
	1969	530	1 155 746	1 530	100	758 906	(NA)
Hens and pullets of laying age	1978	1 489	641 456	1 026	184	447 984	(NA)
	1974	666	740 150	1 628	105	481 667	(NA)
	1969	500	1 036 112	1 399	93	715 961	(NA)
Broilers and other meat-type chickens	1978	419	112 215	84	30	(D)	(NA)
	1974	78	113 892	58	24	553 127	(NA)
	1969	37	61 083	20	5	426 789	(NA)
Turkeys	1978	282	1 450	12	40	(D)	(NA)

¹Value of major poultry and livestock inventory items.

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

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

	Inventory				Sales				
	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Any poultry	1978	1 642	(X)	729	(X)	361	(X)	183	(X)
	1974	705	(X)	367	(X)	141	(X)	70	(X)
Chickens 3 months old or older	1978	1 510	649 701	670	622 567	188	448 399	99	438 651
	1974	686	800 981	352	789 915	117	555 732	55	552 407
Farms with—									
1 to 1,599	1978	1 496	47 106	658	(D)	174	(D)	87	(D)
1,600 to 3,199	1978	3	7 100	1	(D)	1	(D)	—	—
3,200 to 9,999	1978	3	15 100	3	15 100	4	21 421	3	(D)
10,000 or more	1978	8	580 395	8	580 395	9	414 587	9	414 587
Hens and pullets of laying age	1978	1 489	641 456	662	618 278	184	447 984	97	438 377
	1974	666	740 150	350	730 518	105	481 667	52	479 261
Farms with—									
1 to 99	1978	1 374	27 133	567	11 076	118	3 137	38	1 077
100 to 399	1978	100	11 628	82	9 107	51	5 919	47	5 292
400 to 1,599	1978	1	(D)	1	(D)	1	(D)	—	—
1,600 to 3,199	1978	3	6 600	1	(D)	1	(D)	—	—
3,200 to 9,999	1978	3	15 100	3	15 100	4	21 421	3	(D)
10,000 to 19,999	1978	1	(D)	1	(D)	2	(D)	2	(D)
20,000 to 49,999	1978	1	(D)	1	(D)	3	97 135	3	97 135
50,000 to 99,999	1978	4	316 988	4	316 988	4	282 864	4	282 864
100,000 or more	1978	2	(D)	2	(D)	—	—	—	—
Broilers and other meat-type chickens	1978	419	112 215	132	105 532	30	(D)	12	(D)
	1974	78	113 892	30	111 001	24	553 127	4	550 407
Turkeys	1978	282	1 450	102	682	40	(D)	24	(D)
	1974	(NA)	(NA)	35	286	(NA)	(NA)	3	5 108
For slaughter	1978	238	1 174	92	575	38	(D)	23	(D)
	1974	(NA)	(NA)	26	256	(NA)	(NA)	3	5 108
Hens kept for breeding	1978	83	276	26	107	2	(D)	1	(D)
	1974	(NA)	(NA)	12	30	(NA)	(NA)	—	—
Ducks, geese, and other poultry	1978	608	(X)	177	(X)	83	(X)	45	(X)
	1974	(NA)	(X)	56	(X)	(NA)	(X)	12	(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	Number
Farms with chickens 3 months old or older, inventory											
1 to 99	1 510	649 701	1 489	641 456	312	8 245	158	3 097	403	11 904	
100 to 399	1 374	29 213	1 355	26 181	258	3 032	147	2 155	374	6 564	
400 to 1,599	121	17 293	119	(D)	53	(D)	11	942	27	(D)	
1,600 to 3,199	1	(D)	1	(D)	—	—	—	—	—	(D)	
3,200 to 9,999	3	7 100	3	(D)	1	(D)	—	—	2	—	
10,000 to 19,999	3	15 100	3	15 100	—	—	—	—	—	—	
20,000 to 49,999	1	(D)	1	(D)	—	—	—	—	—	—	
50,000 to 99,999	1	(D)	1	(D)	—	—	—	—	—	—	
100,000 or more	4	316 988	4	316 988	—	—	—	—	—	—	
None	(X)	(X)	(X)	(X)	(X)	(X)	27	95	16	100 311	
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						Value (\$1,000)	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)
Farms with chickens 3 months old or older, inventory											
1 to 99	(NA) 432 339	162	432 014	11	325	24	688	394	6 941		
100 to 399	(NA) 2 490	92	2 320	7	170	24	688	281	64		
400 to 1,599	(NA) 5 503	55	5 348	4	155	—	—	98	38		
1,600 to 3,199	(NA) (D)	1	(D)	—	—	—	—	1	(D)		
3,200 to 9,999	(NA) 21 920	3	21 920	—	—	—	—	3	151		
10,000 to 19,999	(NA) 30 568	3	30 568	—	—	—	—	3	137		
20,000 to 49,999	(NA) (D)	1	(D)	—	—	—	—	1	(D)		
50,000 to 99,999	(NA) (D)	1	(D)	—	—	—	—	4	3 245		
100,000 or more	(NA) 201 135	4	201 135	—	—	—	—	2	(D)		
None	(NA) 16 060	22	15 970	6	90	6	(D)	35	609		
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	Farms	Number
Specified poultry sold											
1 to 1,999	188 448 399	184	447 984	17	415	30	(D)	11	504		
2,000 to 3,999	174 9 991	170	9 576	17	415	28	1 048	11	504		
4,000 to 7,999	2 (D)	2	(D)	—	—	—	—	—	—		
8,000 to 15,999	2 (D)	2	(D)	—	—	—	—	—	—		
16,000 to 29,999	1 (D)	1	(D)	—	—	—	—	—	—		
30,000 to 59,999	4 151 135	4	151 135	—	—	1	(D)	—	—		
60,000 to 99,999	3 228 864	3	228 864	—	—	—	—	—	—		
100,000 or more	—	—	—	—	—	1	(D)	—	—		
Selected poultry sales, 1978—All farms—Con.											
Turkeys			Turkeys for slaughter			Turkey hens kept for breeding					
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Specified poultry sold											
1 to 1,999	40 (D)	—	38 (D)	2	(D)						
2,000 to 3,999	39 765	37	(D)	2	(D)						
4,000 to 7,999	1 (D)	1	(D)	—	—	—	—	—	—		
8,000 to 15,999	—	—	—	—	—	—	—	—	—		
16,000 to 29,999	—	—	—	—	—	—	—	—	—		
30,000 to 59,999	—	—	—	—	—	—	—	—	—		
60,000 to 99,999	—	—	—	—	—	—	—	—	—		
100,000 or more	—	—	—	—	—	—	—	—	—		

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)	Sales (\$1,000)		
Any livestock -----	5 418	(X)	3 197	(X)	5 024	(X)	650 669	3 114	(X)	627 980
1974-----	(NA)	(X)	2 482	(X)	3 485	(X)	573 785	2 441	(X)	556 119
Any cattle, hogs, or sheep -----	4 558	(X)	2 747	(X)	4 357	(X)	544 027	2 805	(X)	524 899
1974-----	3 309	(X)	2 298	(X)	3 250	(X)	(NA)	2 315	(X)	494 266
Cattle and calves -----	4 064	1 265 896	2 584	1 133 464	3 806	1 203 595	509 810	2 615	1 159 312	496 034
1974-----	3 114	1 217 769	2 155	1 091 410	2 996	1 461 832	(NA)	2 152	1 405 616	475 961
Farms with -----										
1 to 9-----	1 145	5 257	338	1 475	1 400	6 307	1 729	386	2 112	701
10 to 19-----	671	8 840	280	3 844	546	7 328	1 937	448	6 131	1 778
20 to 49-----	669	20 003	487	15 214	596	17 992	5 335	579	17 462	5 261
50 to 99-----	380	25 860	352	23 846	352	24 217	6 597	347	23 859	6 526
100 to 199-----	334	46 802	323	45 425	307	42 841	12 295	300	41 781	11 910
200 to 499-----	417	133 867	406	130 325	361	111 649	31 903	337	103 286	29 587
500 to 999-----	243	163 873	234	157 585	128	87 230	27 593	112	74 884	22 990
1,000 to 2,499-----	135	192 190	112	156 076	65	93 934	31 972	56	(D)	(D)
2,500 or more-----	70	669 404	52	599 674	51	812 097	390 450	50	(D)	(D)
Cows and heifers that had calved -----	3 210	390 632	2 106	318 048	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	2 538	409 682	1 801	338 196	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows -----	2 732	318 678	1 804	247 463	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	2 210	351 647	1 576	281 192	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows -----	938	71 954	586	70 585	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	792	58 035	541	57 004	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heifers and heifer calves -----	2 822	178 561	1 950	144 491	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	(NA)	(NA)	1 584	152 651	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Steers, steer calves, bulls, and bull calves -----	3 325	696 703	2 279	670 925	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	(NA)	(NA)	1 892	600 563	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle fattened on grain and concentrates sold -----	(X)	(X)	(X)	(X)	486	640 627	337 189	313	639 579	336 734
1974-----	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	211	1 052 888	406 195
Farms with fattened cattle sold: -----										
1 to 9-----	(X)	(X)	(X)	(X)	325	1 008	421	156	571	278
10 to 19-----	(X)	(X)	(X)	(X)	59	674	385	58	(D)	(D)
20 to 49-----	(X)	(X)	(X)	(X)	19	495	191	18	(D)	(D)
50 to 99-----	(X)	(X)	(X)	(X)	11	714	279	11	714	279
100 to 199-----	(X)	(X)	(X)	(X)	13	1 940	809	12	(D)	(D)
200 to 499-----	(X)	(X)	(X)	(X)	10	3 186	1 417	9	(D)	(D)
500 to 999-----	(X)	(X)	(X)	(X)	11	8 379	3 938	11	8 379	3 938
1,000 to 2,499-----	(X)	(X)	(X)	(X)	8	13 024	6 233	8	13 024	6 233
2,500 or more-----	(X)	(X)	(X)	(X)	30	611 207	323 515	30	611 207	323 515
Cows and heifers that had calved -----	3 210	390 632	2 106	318 048	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1974-----	2 538	409 682	1 801	338 196	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Beef cows -----	2 732	318 678	1 804	247 463	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with -----										
1 to 9-----	996	4 182	333	1 575	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19-----	326	4 213	190	2 587	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49-----	435	13 311	372	11 523	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99-----	267	18 542	257	17 747	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199-----	253	34 087	248	33 418	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499-----	306	94 129	298	91 309	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500 to 999-----	100	65 600	83	53 780	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1,000 or more-----	49	84 614	23	35 524	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Milk cows -----	938	71 954	586	70 585	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Farms with -----										
1 or 2 -----	642	886	341	474	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
3 or 4 -----	87	297	48	159	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
5 to 9 -----	30	172	22	124	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
10 to 19 -----	10	121	10	121	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
20 to 49 -----	5	143	5	143	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
50 to 99 -----	16	1 095	16	1 095	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
100 to 199 -----	102	26 710	98	25 939	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
200 to 499 -----	46	42 530	46	42 530	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cattle sold -----	(X)	(X)	(X)	(X)	2 907	1 025 122	471 841	2 131	994 362	460 304
Farms with -----										
1 to 9-----	(X)	(X)	(X)	(X)	1 241	4 812	1 630	548	2 543	960
10 to 19-----	(X)	(X)	(X)	(X)	427	5 507	1 890	405	5 280	1 854
20 to 49-----	(X)	(X)	(X)	(X)	440	13 065	4 778	432	12 834	4 686
50 to 99-----	(X)	(X)	(X)	(X)	225	15 317	5 358	220	14 940	5 220
100 to 199-----	(X)	(X)	(X)	(X)	191	25 746	8 770	184	24 773	8 406
200 to 499-----	(X)	(X)	(X)	(X)	197	59 446	20 863	177	53 144	18 892
500 to 999-----	(X)	(X)	(X)	(X)	83	55 856	20 300	68	45 080	15 873
1,000 or more-----	(X)	(X)	(X)	(X)	103	845 373	408 252	97	835 768	404 412
Calves sold -----	(X)	(X)	(X)	(X)	2 391	178 473	37 970	1 647	164 950	35 730
Farms with -----										
1 or 2 -----	(X)	(X)	(X)	(X)	368	556	98	89	146	24
3 or 4 -----	(X)	(X)	(X)	(X)	231	805	155	73	261	55
5 to 9 -----	(X)	(X)	(X)	(X)	422	2 843	589	232	1 588	358
10 to 19 -----	(X)	(X)	(X)	(X)	337	4 528	912	277	3 740	818
20 to 49 -----	(X)	(X)	(X)	(X)	382	11 479	2 411	359	10 741	2 327
50 to 99 -----	(X)	(X)	(X)	(X)	229	15 596	3 293	219	14 912	3 195
100 to 499 -----	(X)	(X)	(X)	(X)	385	79 382	17 093	367	75 672	16 388
500 or more -----	(X)	(X)	(X)	(X)	37	63 284	13 419	31	57 890	12 564

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

Inventory, 1978—All farms										
Cattle and calves		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		
		Total cows		Milk cows						
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Farms with milk cow inventory										
1 to 4 milk cows	938	197 982	938	115 425	938	71 954	726	45 590	723	36 967
5 to 9 milk cows	729	74 962	729	37 432	729	1 183	548	14 996	570	22 534
10 to 19 milk cows	30	8 360	30	5 011	30	172	28	1 978	28	1 371
20 to 29 milk cows	10	3 205	10	1 314	10	121	7	(D)	8	687
30 to 49 milk cows	3	(D)	3	(D)	3	(D)	—	—	1	(D)
50 to 99 milk cows	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)
100 to 199 milk cows	16	2 313	16	1 600	16	1 095	13	621	8	92
200 to 499 milk cows	34	7 037	34	5 109	34	4 789	29	1 733	23	195
500 milk cows or more	68	31 726	68	22 133	68	21 921	59	8 320	47	1 273
No milk cows	46	62 941	46	42 680	46	42 530	40	16 656	36	3 605
	3 126	1 067 914	2 272	275 207	(X)	(X)	2 096	132 971	2 602	659 736
Sales, 1978—All farms										
Cattle and calves			Cattle		Calves		Dairy products			
Farms	Number	Sales (\$1,000)	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	
Farms with milk cow inventory										
1 to 4 milk cows	778	117 075	34 193	578	76 051	567	41 024	233	93 434	
5 to 9 milk cows	573	50 228	15 166	405	34 467	407	15 761	57	38	
10 to 19 milk cows	26	5 146	1 585	23	2 909	19	2 237	3	9	
20 to 29 milk cows	10	1 745	1 074	9	1 257	8	488	5	74	
30 to 49 milk cows	3	16 502	6 814	2	(D)	1	(D)	2	(D)	
50 to 99 milk cows	2	(D)	(D)	1	(D)	1	(D)	2	(D)	
100 to 199 milk cows	16	(D)	(D)	13	565	15	(D)	16	1 401	
200 to 499 milk cows	34	2 864	695	24	1 723	26	1 141	34	5 463	
500 milk cows or more	68	11 934	2 906	61	6 052	53	5 882	68	28 812	
No milk cows	46	27 583	5 674	40	12 587	37	14 996	46	57 493	
	3 028	1 086 520	475 618	2 329	949 071	1 824	137 449	6	84	
Inventory, 1978—All farms										
Cattle and calves		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Sales of cattle and calves, 1978		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Sales (\$1,000)	
Farms with cattle and calves inventory										
1 to 9 cattle and calves	4 064	1 265 896	3 210	390 632	2 822	178 561	3 325	696 703	3 564	1 177 589
10 to 19 cattle and calves	1 145	5 257	753	2 263	481	1 097	718	1 897	689	4 524
20 to 49 cattle and calves	671	8 840	502	3 521	486	2 416	554	2 903	669	15 863
50 to 99 cattle and calves	669	20 003	554	8 525	546	5 626	606	5 852	637	15 910
100 to 199 cattle and calves	380	25 660	342	14 162	312	5 301	349	6 197	373	15 958
200 to 499 cattle and calves	334	46 802	309	28 387	282	10 005	296	8 410	333	27 455
500 to 999 cattle and calves	417	133 867	376	79 807	350	25 733	383	28 327	417	83 023
1,000 to 2,499 cattle and calves	243	163 873	221	95 031	208	31 435	220	37 407	242	91 024
2,500 cattle and calves or more	135	192 190	114	90 047	107	39 087	129	63 056	135	117 755
No cattle and calves	70	669 404	39	68 889	50	57 861	70	542 654	69	806 077
	(X)	(X)	(X)	(X)	(X)	(X)	(X)	242	26 006	
									7 728	
Farms with cows and heifers that had calved inventory										
1 to 4 cows	3 210	782 430	3 210	390 632	2 351	140 726	2 575	251 072	2 859	479 812
5 to 9 cows	837	12 421	837	1 865	475	2 308	538	8 248	553	12 483
10 to 19 cows	448	6 074	448	2 971	285	1 492	354	1 611	394	3 892
20 to 29 cows	354	8 585	354	4 556	261	2 188	268	1 841	348	15 373
30 to 49 cows	199	16 967	199	4 645	148	1 941	172	10 381	199	22 827
50 to 99 cows	236	16 213	236	8 664	200	3 505	221	4 044	229	10 978
100 to 199 cows	282	35 462	282	19 584	239	6 792	250	9 086	282	21 599
200 to 499 cows	283	65 880	283	38 359	243	11 748	251	15 773	283	40 837
500 to 999 cows	376	299 387	376	117 027	323	37 642	342	144 718	376	187 121
1,000 cows or more	133	149 429	133	88 163	123	34 013	122	27 253	133	88 424
No cows	62	172 012	62	104 798	54	39 097	57	28 117	62	76 278
	854	483 466	(X)	(X)	471	37 835	750	445 631	947	723 783
										337 013
Farms with beef cow inventory										
1 to 4 beef cows	2 732	668 020	2 732	322 709	2 005	113 262	2 244	232 049	2 474	412 333
5 to 9 beef cows	576	5 173	576	1 981	309	1 667	367	1 525	373	2 862
10 to 19 beef cows	420	5 850	420	2 938	268	1 402	331	1 510	378	3 595
20 to 29 beef cows	326	8 086	326	4 271	236	2 108	242	1 707	320	15 175
30 to 49 beef cows	198	10 030	198	4 793	150	2 046	173	3 191	198	6 438
50 to 99 beef cows	237	17 602	237	9 822	199	3 657	222	4 123	230	11 321
100 to 199 beef cows	267	34 034	267	18 777	227	6 251	241	9 006	267	20 980
200 to 499 beef cows	253	61 890	253	35 509	216	10 555	231	15 826	253	40 341
500 to 999 beef cows	306	266 855	306	94 337	263	29 122	294	143 396	306	174 502
1,000 beef cows or more	100	118 189	100	65 660	94	26 167	96	26 362	100	75 642
No beef cows	49	140 311	49	84 621	43	30 137	47	25 403	49	61 477
	1 332	597 876	478	67 923	817	65 299	1 081	464 654	1 332	791 262
										356 165

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												
1 to 4 cattle and calves	3 806	1 203 595	509 810	2 907	1 025 122	471 841	486	640 627	337 189	2 391	178 473	37 970
5 to 9 cattle and calves	723	1 778	586	478	1 088	459	174	407	217	364	690	127
10 to 19 cattle and calves	677	4 529	1 143	456	2 161	666	83	351	121	444	2 368	477
20 to 49 cattle and calves	546	7 328	1 937	403	3 851	1 238	52	363	136	344	3 477	699
50 to 99 cattle and calves	596	17 992	5 335	479	9 200	3 495	61	603	357	404	8 792	1 841
100 to 199 cattle and calves	352	24 217	6 597	283	11 365	3 876	19	337	109	267	12 852	2 721
200 to 499 cattle and calves	307	42 841	12 295	255	22 079	7 553	21	1 537	730	213	20 762	4 742
500 cattle and calves or more	361	111 649	31 903	318	60 843	21 015	21	3 168	1 078	248	50 806	10 888
500 cattle and calves or more	244	993 261	450 015	235	914 535	433 538	55	633 861	334 441	107	78 726	16 476
500 cattle and calves or more	128	87 230	27 593	122	64 292	23 711	15	8 491	4 077	74	22 938	3 882
1,000 cattle and calves or more	116	906 031	422 422	113	850 243	409 827	40	625 370	330 364	33	55 788	12 595
Farms with beef cow inventory	2 474	412 333	153 646	1 964	308 756	129 450	274	131 531	68 355	1 593	103 577	24 195
1 to 4 beef cows	373	2 862	832	283	1 746	642	108	332	184	192	1 116	190
5 to 9 beef cows	378	3 595	993	294	1 992	637	36	146	56	210	1 603	357
10 to 19 beef cows	320	15 175	5 389	231	12 802	4 858	27	1 095	587	218	2 373	531
20 to 29 beef cows	198	6 438	1 700	152	2 731	850	15	115	46	141	3 707	850
30 to 49 beef cows	230	11 321	3 677	173	7 082	2 623	35	2 364	996	154	4 239	1 054
50 to 99 beef cows	267	20 980	6 059	227	13 041	4 202	18	701	263	190	7 939	1 857
100 to 199 beef cows	253	40 341	12 136	205	25 702	8 707	12	2 911	1 361	176	14 639	3 429
200 to 499 beef cows	306	174 502	73 102	257	136 848	63 668	11	92 445	49 267	216	37 654	9 434
500 to 999 beef cows	100	75 642	27 150	94	58 237	23 180	9	27 374	12 757	67	17 405	3 970
1,000 beef cows or more	49	61 477	22 607	48	48 575	20 084	3	4 048	2 839	29	12 902	2 524
No beef cows	1 332	791 262	356 165	943	716 366	342 390	212	509 096	268 834	798	74 896	13 774

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

	Inventory				Sales						
	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more				
	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	
Total hogs and pigs	1978	1 158	192 146	386	155 415	827	197 169	19 302	335	189 800	18 689
	1974	512	101 922	304	99 654	390	151 287	(NA)	241	149 032	11 720
Farms with —											
1 to 24	1978	756	4 613	237	1 549	605	5 665	504	144	996	84
	1974	380	2 611	190	1 370	211	1 575	(NA)	87	(D)	44
25 to 49	1978	64	2 180	54	1 854	108	3 672	316	84	2 757	283
	1974	27	945	18	636	51	1 722	(NA)	35	1 235	59
50 to 99	1978	40	2 786	14	1 001	23	1 618	113	18	1 249	103
	1974	21	1 331	14	919	32	2 227	(NA)	24	1 660	92
100 to 199	1978	215	26 326	16	(D)	14	1 748	130	14	1 748	130
	1974	21	2 783	20	(D)	26	3 729	(NA)	26	3 729	218
200 to 499	1978	29	9 894	13	4 394	19	5 584	557	18	(D)	565
	1974	24	7 138	23	(D)	23	8 163	(NA)	22	(D)	565
500 or more	1978	54	146 347	52	(D)	58	178 882	17 682	57	(D)	(D)
	1974	39	87 114	39	87 114	47	133 871	(NA)	47	133 871	10 742
500 to 999	1978	15	(D)	13	(D)	13	(D)	(D)	13	(D)	(D)
1,000 to 1,999	1978	17	(D)	17	(D)	21	(D)	(D)	20	(D)	(D)
2,000 to 4,999	1978	17	47 054	17	47 054	18	55 199	5 405	18	55 199	5 405
5,000 or more	1978	5	65 697	5	65 697	6	84 502	8 931	6	84 502	8 931
Hogs and pigs used or to be used for breeding	1978	713	31 963	200	19 221	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	185	12 726	(X)	(X)	(X)	(X)	(X)	(X)
Other hogs and pigs	1978	1 080	160 183	362	136 194	(X)	(X)	(X)	(X)	(X)	(X)
	1974	(NA)	(NA)	271	86 928	(X)	(X)	(X)	(X)	(X)	(X)
Feeder pigs sold	1978	(X)	(X)	(X)	(X)	137	14 830	546	70	13 604	512
	1974	(X)	(X)	(X)	(X)	124	9 388	(NA)	68	8 408	186
Litters of pigs farrowed between—											
Dec. 1 of preceding year and Nov. 30	1978	714	33 570	206	30 106	(X)	(X)	(X)	(X)	(X)	(X)
	1974	296	23 643	196	23 305	(X)	(X)	(X)	(X)	(X)	(X)
Dec. 1 of preceding year and May 31	1978	638	17 575	188	14 755	(X)	(X)	(X)	(X)	(X)	(X)
	1974	225	11 941	163	11 766	(X)	(X)	(X)	(X)	(X)	(X)
June 1 and Nov. 30	1978	325	15 995	159	15 351	(X)	(X)	(X)	(X)	(X)	(X)
	1974	246	11 702	168	11 539	(X)	(X)	(X)	(X)	(X)	(X)

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

Inventory, 1978—All farms						Sales, 1978—All farms						
Hogs and pigs		Used or to be used for breeding		Other hogs and pigs		Hogs and pigs			Feeder pigs sold			
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	
Farms with hogs and pigs inventory												
1 to 9 hogs and pigs	1 158	192 146	713	31 963	1 080	160 183	790	196 340	19 224	133	14 788	545
10 to 24 hogs and pigs	580	1 963	197	460	530	1 503	259	2 623	187	39	603	19
25 to 99 hogs and pigs	176	2 650	152	683	170	1 967	146	2 555	217	36	460	19
100 to 199 hogs and pigs	104	4 966	77	1 420	97	3 546	102	4 212	322	29	1 503	54
200 to 499 hogs and pigs	215	26 326	211	6 050	215	20 276	215	7 708	603	12	843	31
500 to 999 hogs and pigs	29	9 894	25	5 846	14	4 048	14	6 042	504	6	1 808	67
1,000 hogs and pigs or more	15	10 713	14	1 567	15	9 146	15	15 376	1 323	3	3 157	93
No hogs and pigs	39	135 634	37	15 937	39	119 697	39	157 824	16 067	8	6 414	261
(X)												
Farms with hogs and pigs sold												
1 to 9 hogs and pigs	790	185 426	562	26 232	752	159 194	827	197 169	19 302	137	14 830	546
10 to 49 hogs and pigs	266	3 007	108	975	249	2 032	290	1 062	95	35	183	5
50 to 99 hogs and pigs	412	28 031	358	6 308	394	21 723	423	8 275	725	69	1 590	61
100 to 199 hogs and pigs	23	1 730	18	269	22	1 461	23	1 618	113	9	399	13
200 to 499 hogs and pigs	14	1 286	12	258	13	1 028	14	1 748	130	5	428	13
500 to 999 hogs and pigs	17	8 433	14	1 180	17	7 253	19	5 584	557	6	1 461	54
1,000 hogs and pigs or more	13	6 946	11	1 030	12	5 916	13	9 326	817	3	1 448	50
No hogs and pigs	45	135 993	41	16 212	45	119 781	45	169 556	16 865	10	9 321	349
No hogs and pigs	368	6 720	151	5 731	328	989	(X)	(X)	(X)	(X)	(X)	(X)
Farms by litters farrowed												
1 litter	708	170 881	691	26 551	647	144 330	581	178 391	16 996	136	14 787	545
2 to 4 litters	127	885	119	303	103	582	75	465	29	27	135	4
5 to 9 litters	220	3 478	216	1 310	191	2 168	145	1 926	134	41	517	16
10 to 19 litters	46	1 556	42	372	41	1 184	46	1 578	107	27	781	36
20 to 49 litters	227	23 814	227	5 007	226	18 807	227	4 828	439	10	692	23
50 to 99 litters	24	5 295	23	1 179	23	4 116	24	6 209	505	15	1 434	50
100 to 199 litters	12	3 656	12	602	12	3 054	12	3 970	374	5	1 215	41
200 litters or more	14	9 082	14	1 695	13	7 387	14	12 920	1 088	3	2 340	77
No litters	38	123 115	38	16 083	38	107 032	38	146 495	14 319	8	7 673	298
(X)	450	21 265	22	5 412	433	15 853	246	18 778	2 307	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	Number	Farms	Number	Farms	Number	
Farms by litters farrowed												
1 litter	714	33 570		638		17 575		325		15 995		
2 to 4 litters	130	130		91		91		39		39		
5 to 9 litters	223	613		204		401		133		212		
10 to 19 litters	46	298		40		182		31		116		
20 to 49 litters	227	2 558		226		2 420		36		138		
50 to 99 litters	24	661		15		267		22		394		
100 to 199 litters	12	749		12		347		12		402		
200 litters or more	14	1 967		14		940		14		1 027		
No litters	38	26 594		36		12 927		38		13 667		

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	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
Inventory of—							
Sheep and lambs							
farms	387		259		211		150
number	447 866		535 624		214 651		222 544
Ewes 1 year old or older	293		(NA)		161		124
farms	229 844		(NA)		84 158		86 861
number	315		194		187		116
Sheep and lambs sold	283 197		353 871		161 900		161 500
farms	259		(NA)		139		95
number	336 943		(NA)		139 245		150 153
Sheep and lambs shorn	2 230 333		(NA)		1 123 215		1 202 728
pounds of wool	333		(NA)		196		123
Value of sales from sheep, lambs, and wool	\$1,000		(NA)		10 176		6 585
Inventory, 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	Pounds of wool	Sales (\$1,000)
Farms with sheep and lambs inventory							
1 to 24 sheep and lambs	387	447 866	293	229 844	298	282 122	316 14 864
25 to 99 sheep and lambs	249	1 586	173	921	163	3 870	180 208
100 to 299 sheep and lambs	56	2 617	55	1 525	56	52	172 89
300 to 999 sheep and lambs	20	2 589	17	1 078	19	1 250	12 56
1,000 to 2,499 sheep and lambs	7	2 935	6	2 018	6	1 442	5 94
2,500 to 4,999 sheep and lambs	13	21 387	6	7 651	13	19 969	13 193
5,000 sheep and lambs or more	13	46 133	10	27 222	12	38 258	6 206
No sheep and lambs	29	370 619	26	189 429	29	215 716	13 193
(X)	(X)	(X)	(X)	17	1 075	11	204 50
Farms with ewes 1 year old or older inventory							
1 to 24 ewes	293	404 092	293	229 844	257	247 624	273 13 106
25 to 99 ewes	193	2 336	193	1 235	160	4 371	175 235
100 to 199 ewes	49	3 256	49	1 934	48	1 547	49 81
200 to 499 ewes	4	916	4	463	4	310	4 12
500 to 999 ewes	3	2 570	3	1 971	3	1 371	3 127
1,000 to 2,499 ewes	11	32 252	11	17 160	11	30 248	11 2 123
2,500 to 4,999 ewes	12	66 115	12	43 961	11	40 363	11 2 664
5,000 ewes or more	17	278 947	17	161 970	17	152 302	17 6 751
No ewes	94	43 774	(X)	(X)	58	35 573	60 1 808

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

	Inventory				Sales			
	All farms, 1978	Farms with sales of \$2,500 or more		All farms, 1978	Farms with sales of \$2,500 or more		1978	1974
		1978	1974		1978	1974	1978	1974
Horses and ponies								
farms	3 167	1 949	1 202	1 026	554	298		
number	42 517	15 390	12 893	6 010	2 199	2 027		
\$1,000	(X)	(X)	(X)	9 795	8 925	2 669		
Mules, burros, and donkeys								
farms	245	173	121	33	18	14		
number	725	400	386	99	39	60		
\$1,000	(X)	(X)	(X)	18	12	6		
Mink and their pelts								
farms	2	—	—	—	—	—		
number	(D)	(X)	(X)	—	—	—		
\$1,000	(X)	(X)	(X)	—	—	—		
Colonies of bees								
farms	220	133	37	23	15	1		
number	46 309	42 008	34 900	1 418	1 286	(D)		
\$1,000	(X)	(X)	(X)	54	47	(D)		
Honey sold (pounds)								
farms	(X)	(X)	(X)	183	110	28		
number	(X)	(X)	(X)	2 952 466	2 800 096	1 610 338		
\$1,000	(X)	(X)	(X)	1 340	1 267	811		
Goats								
farms	387	115	22	163	42	10		
number	111 197	1 672	110	23 468	800	125		
\$1,000	(X)	(X)	(X)	426	25	8		
Angora goats								
farms	25	10	2	17	3	—		
number	81 468	432	11	9 611	(D)	—		
\$1,000	(X)	(X)	(X)	155	(D)	—		
Mohair sold (pounds)								
farms	(X)	(X)	(X)	25	10	2		
number	(X)	(X)	(X)	315 180	3 445	96		
\$1,000	(X)	(X)	(X)	877	10	(D)		
Milk goats								
farms	277	85	9	114	30	5		
number	2 063	899	48	1 261	443	97		
\$1,000	(X)	(X)	(X)	51	16	(D)		
Goats milk sold (gallons)								
farms	(X)	(X)	(X)	13	6	2		
number	(X)	(X)	(X)	(D)	(D)	(D)		
\$1,000	(X)	(X)	(X)	(D)	(D)	(D)		
Other goats								
farms	95	23	14	38	9	6		
number	27 666	341	51	12 596	(D)	28		
\$1,000	(X)	(X)	(X)	220	(D)	1		
Rabbits and their pelts								
farms	155	37	4	38	14	2		
number	4 187	1 422	1 142	12 688	9 627	(D)		
\$1,000	(X)	(X)	(X)	30	21	(D)		
Chinchillas and their pelts								
farms	2	—	1	2	—	1		
number	(D)	—	1 200	(D)	—	130		
\$1,000	(X)	(X)	(X)	(D)	—	3		
Worms (see text)								
farms	16	8	(NA)	18	5	(NA)		
number	1 239	181	(NA)	44 367	(D)	(NA)		
\$1,000	(X)	(X)	(X)	122	(D)	(NA)		
All other livestock								
farms	23	21	55	8	7	9		
number	(X)	(X)	(X)	274	(D)	73		
\$1,000	(X)	(X)	(X)	14	10	(NA)		
Other livestock products								
farms	(X)	(X)	(X)	14	13	(NA)		
\$1,000	(X)	(X)	(X)	—	—	—		

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)	Forms	Acres
ALL FARMS														
Catfish	4	16	2	(D)	2	(D)	2	(D)	(D)	2	(D)	(D)	4	(D)
Trout	5	70	3	(D)	2	(D)	3	(D)	(D)	2	(D)	(D)	4	40
Tropical and bait fish	3	(D)	—	—	3	(D)	—	—	—	3	(D)	(D)	3	(D)
Other fish	2	(D)	—	—	2	(D)	—	—	—	2	(D)	(D)	1	(D)
Other aquacultural products	—	—	—	(X)	—	(X)	—	(X)	(NA)	—	(X)	(NA)	—	—
FARMS WITH SALES OF \$2,500 OR MORE														
Catfish	4	16	2	(D)	2	(D)	2	(D)	(D)	2	(D)	(D)	4	(D)
Trout	4	(D)	2	(D)	2	(D)	2	(D)	(D)	2	(D)	(D)	3	(D)
Tropical and bait fish	2	(D)	—	—	2	(D)	—	—	—	2	(D)	(D)	2	(D)
Other fish	1	(D)	—	—	1	(D)	—	—	—	1	(D)	(D)	1	(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	352	50 040	(X)	344	48 549	256	45 033	(X)	253	43 998			
	1974	217	21 177	(X)	(NA)	(NA)	165	11 868	(X)	159	11 640			
For grain or seed (bushels)	1978	201	34 175	2 916 476	194	32 719	121	29 810	2 709 779	119	28 810			
	1974	72	10 399	218 279	(NA)	(NA)	46	1 753	77 189	40	1 525			
For silage or green chop (tons, green)	1978	164	(D)	287 109	163	15 807	146	(D)	281 634	145	(D)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	116	10 093	194 303	116	10 093			
For fodder, hogged or grazed	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	6	22	(X)	6	22			
Sorghums for all purposes	1978	231	26 553	(X)	231	26 553	213	25 023	(X)	213	25 023			
	1974	548	101 412	(X)	(NA)	(NA)	502	98 873	(X)	502	98 873			
For grain or seed (bushels)	1978	181	22 016	1 578 209	181	22 016	168	20 535	1 532 825	168	20 535			
	1974	449	93 217	7 024 313	(NA)	(NA)	434	91 395	6 943 780	434	91 395			
For silage or green chop (tons, green)	1978	55	4 495	79 986	55	4 495	50	4 446	79 438	50	4 446			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	76	6 768	121 854	76	6 768			
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	198	587	9	198			
Hogged or grazed	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	512	(X)	9	512			
Wheat for grain (bushels)	1978	500	104 500	7 552 742	499	104 465	432	101 696	7 379 141	431	101 661			
	1974	881	175 737	11 111 528	(NA)	(NA)	829	171 055	10 874 981	829	171 055			
Oats for grain (bushels)	1978	24	1 370	90 472	21	960	17	1 216	85 909	14	806			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	27	1 605	117 336	27	1 605			
Barley for grain (bushels)	1978	293	32 514	2 225 234	293	32 514	271	29 871	2 023 293	271	29 671			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	402	49 550	3 461 742	402	49 550			
Rye for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)			
Other small grains for grain	1978	44	5 593	(X)	44	5 593	43	(D)	(X)	43	(D)			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	112	19 949	(X)	111	19 919			
Soybeans for beans (bushels)	1978	24	3 929	94 359	22	3 689	19	3 860	92 993	17	3 620			
	1974	15	726	15 415	(NA)	(NA)	12	706	14 956	11	556			
Peanuts for nuts (pounds)	1978	12	824	2 247 394	12	824	11	(D)	(D)	11	(D)			
	1974	5	476	1 310 707	(NA)	(NA)	4	(D)	(D)	4	475			
Cotton (bales)	1978	1 294	569 950	1 152 165	1 294	569 950	1 273	560 116	1 134 196	1 273	560 116			
	1974	1 143	401 301	936 790	(NA)	(NA)	1 124	393 542	919 072	1 124	393 542			
Tobacco (pounds)	1978	-	-	-	-	-	-	-	-	-	-			
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-			
Irish potatoes (hundredweight)	1978	30	6 442	1 745 418	30	6 442	28	(D)	(D)	28	(D)			
	1974	32	10 950	3 070 992	(NA)	(NA)	26	10 735	3 037 018	26	10 735			
Sweetpotatoes (bushels)	1978	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)			
	1974	2	(D)	(D)	(NA)	(NA)	-	-	-	-	-			
Hay crops (tons, dry) (see text)	1978	1 807	178 227	994 092	1 788	176 391	1 408	167 597	956 382	1 392	165 781			
	1974	1 557	194 280	1 098 292	(NA)	(NA)	1 260	184 594	1 067 071	1 247	183 049			
Alfalfa hay (tons, dry)	1978	1 579	154 112	937 819	1 579	154 112	1 250	145 139	902 498	1 250	145 139			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 135	161 697	1 004 342	1 135	161 697			
Other tame dry hay (tons, dry) (see text)	1978	214	7 398	17 984	197	6 445	153	6 927	17 283	138	5 985			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9 426	22 581	(NA)	8 582	-			
Field seed crops	1978	53	6 769	(X)	53	6 769	51	(D)	(X)	51	(D)			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	74	11 213	(X)	74	11 213			
Alfalfa seed (pounds)	1978	16	1 079	380 213	16	1 079	15	(D)	(D)	15	(D)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	2 384	462 626	25	2 384			
Red clover seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-			
All vegetables harvested for sale (see text)	1978	442	70 566	(X)	442	70 566	324	68 569	(X)	324	68 569			
	1974	303	54 005	(X)	(NA)	(NA)	209	52 561	(X)	207	52 559			
Sweet corn	1978	100	1 022	(X)	100	1 022	39	406	(X)	39	406			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	193	(X)	20	193			
Tomatoes	1978	32	30	(X)	32	30	22	25	(X)	22	26			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	349	(X)	14	349			
Green peas excluding cowpeas	1978	5	(D)	(X)	5	(D)	3	(D)	(X)	3	(D)			
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-			
Land in orchards	1978	1 164	77 634	(X)	1 164	77 634	668	73 411	(X)	668	73 411			
	1974	973	72 111	(X)	(NA)	(NA)	668	69 119	(X)	657	67 878			
Apples (pounds)	1978	195	813	862 275	(NA)	(NA)	88	569	630 545	(NA)	(NA)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	172	458 350	(NA)	(NA)			
Peaches (pounds)	1978	212	1 022	3 237 844	(NA)	(NA)	84	792	3 048 544	(NA)	(NA)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	805	1 372 534	(NA)	(NA)			
Grapes (pounds) (see text)	1978	99	3 171	24 159 791	(NA)	(NA)	49	3 132	24 148 721	(NA)	(NA)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	4 116	27 258 000	(NA)	(NA)			
Berries	1978	6	4	(X)	5	2	4	(D)	(X)	3	(D)			
	1974	5	4	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)			
Strawberries (pounds)	1978	3	(D)	(D)	3	(D)	2	(D)	(D)	2	(D)			
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-			
Nursery and greenhouse products	1978	178	2 762	(X)	132	2 644	153	2 748	(X)	118	2 631			
Other crops	1978	74	16 390	(X)	(NA)	(NA)	70	16 161	(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
Corn for grain or seed (bushels) -----	192	32 610	88.4	2	(D)	(D)	(D)	7	1 255
Corn for silage or green chop (tons, green) -----	163	15 807	18.2	-	-	-	-	1	(D)
Sorghums for grain or seed (bushels) -----	181	22 016	71.7	-	-	-	-	-	(D)
Wheat for grain (bushels) -----	499	104 465	72.3	-	-	-	-	1	(D)
Oats for grain (bushels) -----	21	960	72.9	-	-	-	-	3	410
Barley for grain (bushels) -----	293	32 514	68.4	-	-	-	-	-	50.0
Rice (100-lb bags) -----	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels) -----	22	3 689	24.3	-	-	-	-	2	(D)
Peanuts for nuts (pounds) -----	12	824	2727.4	-	-	-	-	-	(D)
Dry field and seed beans (100-lb bags) -----	7	229	7.3	-	-	-	-	1	(D)
Cotton (bales) -----	1 294	569 950	2.0	-	-	-	-	-	-
Tobacco (pounds) -----	-	-	-	-	-	-	-	-	-
Irish potatoes (hundredweight) -----	30	6 442	270.9	-	-	-	-	-	-
Sugar beets for sugar (tons) -----	53	14 869	20.9	-	-	-	-	-	-
Sugarcane for sugar (tons) -----	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry) -----	1 579	154 112	6.1	-	-	-	-	-	-
Small grain hay (tons, dry) -----	174	7 108	2.2	5	107	108	0.9	8	335
Other tame dry hay (see text) (tons, dry) -----	196	6 425	2.6	1	(D)	(D)	(D)	17	933
Wild hay (tons, dry) -----	6	198	1.0	1	(D)	(D)	(D)	10	420
Grass silage and haylage (tons, green) -----	31	3 288	8.6	-	-	-	-	-	0.7
Hay crops cut and fed green (tons, green) -----	69	5 073	7.2	-	-	-	-	-	-
Alfalfa seed (pounds) -----	16	1 079	352.4	-	-	-	-	-	-
All vegetables harvested for sale (see text) -----	442	70 566	(X)	-	-	-	(X)	-	(X)
Land in orchards -----	1 164	77 634	(X)	-	-	-	(X)	-	(X)
Strawberries (pounds) -----	3	(D)	(D)	-	-	-	-	-	-

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

All Farms	1978				1974				Value of production (\$1,000)	
	Farms	Acres	Quantity	Value of production (\$1,000)	Farms	Acres	Quantity			
Harvested cropland -----	3 975	1 113 890	(X)	719 686	3 533	1 096 525	(X)	524 630		
Corn for grain or seed (bushels) -----	201	34 175	2 916 476	7 291	72	10 399	218 279	808		
Corn for silage or green chop or fodder or hogged or grazed -----	166	15 865	(X)	5 459	148	10 778	(X)	3 089		
Sorghums for grain or seed (bushels) -----	181	22 016	1 578 209	4 103	449	93 217	7 024 313	24 234		
Sorghums for silage or green chop or cut for dry forage or hay or hogged or grazed -----	58	4 537	(X)	1 284	124	8 195	(X)	2 102		
Wheat for grain (bushels) -----	500	104 500	7 552 742	23 036	881	175 737	11 111 528	35 855		
(NA) -----	39 477	(X)	(X)	6 968	(NA)	(NA)	(X)	16 343		
Other small grains for grain -----	24	3 929	94 359	566	15	726	15 415	108		
Soybeans for beans (bushels) -----	12	824	2 247 394	506	5	476	1 310 707	236		
Peanuts for nuts (pounds) -----	-	-	-	-	-	-	-	-		
Cotton (bales) -----	1 294	569 950	1 152 165	368 693	1 143	401 301	936 790	226 703		
Tobacco (pounds) -----	-	-	-	-	-	-	-	-		
Irish potatoes (hundredweight) -----	30	6 442	1 745 418	14 225	32	10 950	3 070 992	16 123		
Sweetpotatoes (bushels) -----	3	(D)	(D)	187	2	(D)	(D)	440		
Hay crops (tons, dry) (see text) -----	1 807	178 227	994 092	61 920	1 557	194 280	1 098 292	61 736		
All vegetables harvested for sale (see text) -----	442	70 566	(X)	122 643	303	54 005	(X)	91 677		
Land in orchards -----	1 164	77 634	(X)	74 186	973	72 111	(X)	30 242		
Berries -----	6	4	(X)	2	5	4	(X)	1		
Other crops (including nursery and greenhouse products) -----	(NA)	25 921	(X)	28 617	(NA)	(NA)	(X)	14 934		

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	352	50 040	(X)	344	48 549	256	45 033	(X)	253	43 998
1 to 14 acres	111	486	(X)	108	481	37	260	(X)	37	260
15 to 24 acres	19	355	(X)	19	355	17	(D)	(X)	17	(D)
25 to 49 acres	49	1 655	(X)	48	1 620	42	1 449	(X)	41	1 414
50 to 99 acres	48	3 324	(X)	47	3 274	45	3 139	(X)	45	(D)
100 to 249 acres	64	9 891	(X)	63	9 490	60	9 261	(X)	60	9 261
250 to 499 acres	30	10 763	(X)	29	10 363	28	(D)	(X)	27	(D)
500 to 999 acres	28	19 466	(X)	27	18 866	25	17 374	(X)	24	16 774
1,000 acres or more	3	4 100	(X)	3	4 100	2	(D)	(X)	2	(D)
For grain or seed (bushels):										
Acres harvested	201	34 175	2 916 476	194	32 719	121	29 810	2 709 779	119	28 810
1 to 14 acres	85	310	11 004	82	305	22	134	6 607	22	134
15 to 24 acres	7	127	6 921	7	127	6	(D)	(D)	6	(D)
25 to 49 acres	16	525	37 868	16	525	12	414	35 756	12	414
50 to 99 acres	18	1 227	82 345	17	1 177	15	1 042	76 595	15	(D)
100 to 249 acres	28	4 530	406 370	27	4 129	25	4 020	399 910	25	(D)
250 to 499 acres	22	7 886	617 256	21	7 486	19	6 930	579 560	18	6 530
500 to 999 acres	22	15 470	1 428 323	21	14 870	20	(D)	(D)	19	(D)
1,000 acres or more	3	4 100	326 389	3	4 100	2	(D)	(D)	2	(D)
Sorghums for grain or seed (bushels):										
Acres harvested	181	22 016	1 578 209	181	22 016	168	20 535	1 532 825	168	20 535
1 to 14 acres	21	159	10 006	21	159	14	132	7 891	14	132
15 to 24 acres	13	230	12 036	13	230	9	156	10 053	9	156
25 to 49 acres	36	1 267	81 666	36	1 267	36	1 267	81 666	36	1 267
50 to 99 acres	41	2 845	194 658	41	2 845	41	2 845	194 658	41	2 845
100 to 249 acres	51	7 914	632 664	51	7 914	51	7 914	632 664	51	7 914
250 to 499 acres	11	3 807	269 994	11	3 807	10	(D)	(D)	10	(D)
500 to 999 acres	8	5 794	377 185	8	5 794	7	(D)	(D)	7	(D)
1,000 acres or more	-	-	-	-	-	-	-	-	-	-
Wheat for grain (bushels):										
Acres harvested	500	104 500	7 552 742	499	104 465	432	101 696	7 379 141	431	101 661
1 to 14 acres	74	282	12 945	74	282	16	109	4 757	16	109
15 to 24 acres	13	252	16 181	13	252	12	(D)	(D)	12	(D)
25 to 49 acres	67	2 482	171 409	66	2 447	66	(D)	(D)	65	(D)
50 to 99 acres	94	6 553	453 333	94	6 553	93	(D)	(D)	93	(D)
100 to 249 acres	146	23 323	1 642 229	146	23 323	141	22 498	1 605 575	141	22 498
250 to 499 acres	63	21 994	1 486 543	63	21 994	63	21 994	1 486 543	63	21 994
500 to 999 acres	30	19 533	1 400 994	30	19 533	28	(D)	(D)	28	(D)
1,000 acres or more	13	30 081	2 369 108	13	30 081	13	30 081	2 369 108	13	30 081
Barley for grain (bushels):										
Acres harvested	293	32 514	2 225 234	293	32 514	271	29 671	2 023 293	271	29 671
1 to 14 acres	34	266	16 222	34	266	23	202	12 562	23	202
15 to 24 acres	29	545	29 494	29	545	25	477	25 953	25	477
25 to 49 acres	48	1 703	121 882	48	1 703	47	(D)	(D)	47	(D)
50 to 99 acres	79	5 481	359 940	79	5 481	77	(D)	(D)	77	(D)
100 to 249 acres	74	11 213	778 920	74	11 213	73	(D)	(D)	73	(D)
250 to 499 acres	21	6 689	467 693	21	6 689	20	(D)	(D)	20	(D)
500 to 999 acres	5	2 800	204 326	5	2 800	5	2 800	204 326	5	2 800
1,000 acres or more	3	3 817	246 757	3	3 817	1	(D)	(D)	1	(D)
Cotton (bales):										
Acres harvested	1 294	569 950	1 152 165	1 294	569 950	1 273	560 116	1 134 196	1 273	560 116
1 to 14 acres	40	312	541	40	312	33	284	506	33	284
15 to 24 acres	30	577	1 041	30	577	26	494	972	26	494
25 to 49 acres	84	2 972	4 709	84	2 972	83	(D)	(D)	83	(D)
50 to 99 acres	149	10 675	18 242	149	10 675	147	(D)	(D)	147	(D)
100 to 249 acres	352	57 324	107 219	352	57 324	350	(D)	(D)	350	(D)
250 to 499 acres	327	117 948	227 928	327	117 948	326	(D)	(D)	326	(D)
500 to 999 acres	195	137 350	272 608	195	137 350	194	(D)	(D)	194	(D)
1,000 acres or more	117	242 792	519 877	117	242 792	114	234 666	504 129	114	234 666
Irish potatoes (hundredweight):										
Acres harvested	30	6 442	1 745 418	30	6 442	28	(D)	(D)	28	(D)
0.1 to 0.9 acres	-	-	-	-	-	-	-	-	-	-
1.0 to 2.9 acres	1	(D)	(D)	1	(D)	-	-	-	-	-
3.0 to 9.9 acres	3	(D)	(D)	3	(D)	3	(D)	1 400	3	(D)
10.0 to 24.9 acres	-	-	-	-	-	-	-	-	-	-
25.0 to 49.9 acres	3	112	21 580	3	112	3	112	21 580	3	112
50.0 to 99.9 acres	4	321	81 885	4	321	3	(D)	(D)	3	(D)
100.0 to 249.9 acres	10	1 347	344 446	10	1 347	10	1 347	344 446	10	1 347
250.0 to 499.9 acres	4	1 274	382 587	4	1 274	4	1 274	382 587	4	1 274
500.0 acres or more	5	3 371	913 220	5	3 371	5	3 371	913 220	5	3 371
Sugar beets for sugar (tons):										
Acres harvested	53	14 869	311 317	53	14 869	51	(D)	(D)	51	(D)
1 to 14 acres	1	(D)	(D)	1	(D)	-	-	-	-	-
15 to 24 acres	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
25 to 49 acres	11	383	8 673	11	383	10	(D)	(D)	10	(D)
50 to 99 acres	7	479	11 241	7	479	7	479	11 241	7	479
100 to 249 acres	24	3 876	85 862	24	3 876	24	3 876	85 862	24	3 876
250 to 499 acres	6	2 034	44 443	6	2 034	6	2 034	44 443	6	2 034
500 to 999 acres	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
1,000 acres or more	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Hay crops (tons, dry) (see text):										
Acres harvested	1 807	178 227	994 092	1 788	176 391	1 408	167 597	956 382	1 392	165 781
1 to 14 acres	551	3 748	14 187	547	3 723	254	1 947	8 678	253	1 942
15 to 24 acres	246	4 534	16 508	241	4 405	195	3 639	14 317	190	3 510
25 to 49 acres	279	9 530	41 345	277	9 369	262	8 969	40 180	260	8 808
50 to 99 acres	278	19 044	84 705	275	18 786	256	17 457	81 328	253	17 199
100 to 249 acres	268	40 337	220 600	264	39 564	261	39 245	215 122	257	38 472
250 to 499 acres	109	37 176	205 418	108	36 686	106	(D)	(D)	105	(D)
500 to 999 acres	57	36 823	254 020	57	36 823	57	36 823	254 020	57	36 823
1,000 acres or more	19	27 035	157 309	19	27 035	17	(D)	(D)	17	(D)

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

All farms						Farms with sales of \$2,500 or more						
			Irrigated land					Irrigated land				
			Farms	Acres				Farms	Acres			
Alfalfa hay (tons, dry):												
Acres harvested			1 579	154 112	937 819	1 579	154 112	1 250	145 139	902 498	1 250	145 139
1 to 14 acres			517	3 552	14 121	517	3 552	263	2 038	9 069	263	2 038
15 to 24 acres			184	3 349	13 550	184	3 349	149	2 754	12 154	149	2 754
25 to 49 acres			242	8 206	39 411	242	8 206	227	7 726	38 427	227	7 726
50 to 99 acres			241	16 602	83 875	241	16 602	227	15 581	80 653	227	15 581
100 to 249 acres			239	36 184	215 022	239	36 184	233	35 287	209 703	233	35 287
250 to 499 acres			86	29 383	182 725	86	29 383	83	(D)	(D)	83	(D)
500 to 999 acres			54	34 379	240 781	54	34 379	54	34 379	240 781	54	34 379
1,000 acres or more			16	22 457	148 334	16	22 457	14	(D)	(D)	14	(D)
All vegetables harvested for sale (see text):												
Acres harvested			442	70 566	(X)	442	70 566	324	68 569	(X)	324	68 569
0.1 to 0.9 acres			38	11	(X)	38	11	11	4	(X)	11	4
1.0 to 4.9 acres			161	319	(X)	161	319	85	179	(X)	85	179
5.0 to 14.9 acres			48	371	(X)	48	371	38	298	(X)	38	298
15.0 to 24.9 acres			27	487	(X)	27	487	26	(D)	(X)	26	(D)
25.0 to 49.9 acres			38	1 389	(X)	38	1 389	37	(D)	(X)	37	(D)
50.0 to 99.9 acres			37	2 608	(X)	37	2 608	36	(D)	(X)	36	(D)
100.0 to 249.9 acres			39	5 661	(X)	39	5 661	39	5 661	(X)	39	5 661
250.0 to 499.9 acres			11	3 494	(X)	11	3 494	11	3 494	(X)	11	3 494
500.0 acres or more			43	56 227	(X)	43	56 227	41	(D)	(X)	41	(D)
Land in orchards:												
Acres in orchards			1 164	77 634	(X)	1 164	77 634	668	73 411	(X)	668	73 411
0.1 to 0.9 acres			112	54	(X)	112	54	45	22	(X)	45	22
1.0 to 4.9 acres			370	853	(X)	370	853	131	257	(X)	131	257
5.0 to 14.9 acres			261	2 188	(X)	261	2 188	136	1 217	(X)	136	1 217
15.0 to 24.9 acres			123	2 338	(X)	123	2 338	87	1 646	(X)	87	1 646
25.0 to 49.9 acres			113	3 953	(X)	113	3 953	95	3 327	(X)	95	3 327
50.0 to 99.9 acres			80	5 474	(X)	80	5 474	74	5 063	(X)	74	5 063
100.0 to 249.9 acres			56	8 676	(X)	56	8 676	52	(D)	(X)	52	(D)
250.0 to 499.9 acres			16	6 052	(X)	16	6 052	15	(D)	(X)	15	(D)
500.0 acres or more			33	48 045	(X)	33	48 045	33	48 045	(X)	33	48 045
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	Trees or vines	Farms	Pounds		
Citrus fruits:												
Acres			675	53 873	4 680 099	136	149 128	638	4 530 971	(X)	(X)	
0.1 to 0.9 acres			84	25	1 119	37	356	65	763	(X)	(X)	
1.0 to 4.9 acres			97	256	20 541	18	1 415	91	19 126	(X)	(X)	
5.0 to 14.9 acres			173	1 524	126 746	38	10 342	167	116 404	(X)	(X)	
15.0 to 24.9 acres			92	1 762	144 746	12	8 977	90	135 769	(X)	(X)	
25.0 to 49.9 acres			93	3 312	285 721	11	10 796	91	274 925	(X)	(X)	
50.0 to 99.9 acres			61	4 281	356 643	6	11 216	60	345 427	(X)	(X)	
100.0 acres or more			75	42 713	3 744 583	14	106 026	74	3 638 557	(X)	(X)	
Oranges:												
Acres			422	17 205	1 691 656	56	14 192	398	1 677 464	328	318 418 697	
0.1 to 0.9 acres			65	14	734	25	251	47	483	28	23 905	
1.0 to 4.9 acres			81	216	17 903	12	753	79	17 150	58	1 812 405	
5.0 to 14.9 acres			128	1 093	100 753	10	1 450	127	99 303	100	12 498 449	
15.0 to 24.9 acres			43	786	73 775	4	2 931	42	70 844	40	13 725 121	
25.0 to 49.9 acres			48	1 673	169 286	3	7 264	46	162 022	45	27 113 365	
50.0 to 99.9 acres			23	1 519	127 125	1	(D)	23	(D)	23	22 313 652	
100.0 acres or more			34	11 906	1 202 080	1	(D)	34	(D)	34	240 931 800	

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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
	number	number	number	number	number	number	number	number
F FARMS AND LAND IN FARMS								
Farms -----	7 568	4 826	1 698	1 044	4 982	2 841	1 464	677
percent	100.0	63.7	22.4	13.7	65.8	37.5	19.3	8.9
Land in farms -----	17 580 539	2 172 217	12 218 923	3 189 399	17 115 674	2 067 908	11 893 555	3 154 211
acres	2 323	450	7 196	3 055	3 436	728	8 124	4 659
Value of land and buildings ¹ -----	7 568	4 847	1 723	998	4 947	2 826	1 455	666
\$1,000	5 535 286	1 459 504	3 226 317	849 464	5 237 537	1 295 439	3 113 341	828 757
Average per farm -----	731 406	301 114	1 872 499	851 166	1 058 729	458 400	2 139 753	1 244 379
dollars	317	676	265	268	307	634	263	263
Farms by value of land and buildings:								
\$1 to \$19,999	587	326	24	237	178	145	8	25
\$20,000 to \$39,999	869	792	34	43	402	357	27	18
\$40,000 to \$69,999	958	869	54	35	409	360	32	17
\$70,000 to \$99,999	805	699	53	53	337	291	21	25
\$100,000 to \$149,999	720	502	156	62	440	282	119	39
\$150,000 to \$199,999	445	280	114	51	355	213	92	50
\$200,000 to \$499,999	1 333	809	370	154	1 078	627	302	149
\$500,000 to \$999,999	770	309	281	180	680	291	229	160
\$1,000,000 or more	1 081	261	637	183	1 068	260	625	183
Owned and rented land by operator:								
Land owned -----	6 557	4 826	1 698	33	4 333	2 841	1 464	28
farms								
acres	5 898 899	2 331 006	3 535 784	32 109	5 679 098	2 181 765	3 465 522	31 811
Land rented or leased from others -----	2 762	20	1 698	1 044	2 159	18	1 464	677
farms								
acres	12 288 704	110 350	8 920 053	3 258 301	11 906 144	90 536	8 596 805	3 218 803
Land rented or leased to others -----	509	338	122	49	370	218	111	41
farms								
acres	607 064	269 139	236 914	101 011	469 568	204 393	168 772	96 403
L LAND IN FARMS ACCORDING TO USE								
Total cropland -----	5 454	3 467	1 179	808	3 632	2 073	1 036	523
farms								
acres	1 505 944	508 558	697 554	299 832	1 451 999	476 706	681 877	293 416
Harvested cropland -----	3 934	2 436	975	523	2 991	1 626	896	469
farms								
acres	1 083 927	341 982	494 217	247 728	1 074 707	334 366	493 018	247 323
Farms by acres harvested:								
1 to 49 acres	2 100	1 687	270	143	1 186	903	194	89
50 to 99 acres	347	212	80	55	325	190	80	55
100 to 199 acres	325	155	101	69	319	152	98	69
200 to 499 acres	532	189	222	121	531	188	222	121
500 to 999 acres	371	113	177	81	371	113	177	81
1,000 to 1,999 acres	162	55	76	31	162	55	76	31
2,000 acres or more	97	25	49	23	97	25	49	23
Cropland:								
Pasture or grazing only -----	2 065	1 349	408	308	1 084	697	308	79
farms								
acres	137 052	68 200	55 215	13 637	100 399	50 853	41 699	7 847
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	108	81	20	7	85	60	19	6
farms								
acres	3 643	2 792	644	207	3 356	2 545	629	182
On which all crops failed -----	225	157	44	24	149	88	39	22
farms								
acres	12 212	7 085	3 197	1 930	10 320	5 315	3 105	1 900
In cultivated summer fallow -----	264	120	105	39	250	110	105	35
farms								
acres	95 380	25 290	58 027	12 063	94 975	24 893	58 027	12 055
Idle -----	1 138	660	344	134	912	459	328	125
farms								
acres	173 730	63 209	86 254	24 267	168 242	58 734	85 399	24 109
Total woodland -----	201	154	43	4	131	89	38	4
farms								
acres	101 843	28 260	58 595	14 988	99 737	26 445	58 304	14 988
Woodland pastured -----	125	87	34	4	87	53	30	4
farms								
acres	93 337	(D)	56 300	(D)	92 310	(D)	56 104	(D)
Woodland not pastured -----	93	76	16	1	54	40	13	1
farms								
acres	8 506	(D)	2 295	(D)	7 427	(D)	2 200	(D)
Pastureland and rangeland other than cropland and woodland pastured -----	2 260	1 196	858	206	1 667	761	744	162
farms								
acres	15 750 997	1 558 502	11 353 540	2 838 955	15 359 568	1 499 596	11 046 719	2 813 253
Land in house lots, ponds, roads, wasteland, etc. -----	3 991	2 773	878	340	2 523	1 535	744	244
farms								
acres	221 755	76 897	109 234	35 624	204 370	65 161	106 655	32 554
Pastureland, all types -----	3 930	2 337	1 088	505	2 420	1 293	894	233
farms								
acres	15 981 386	1 648 760	11 465 055	2 867 571	15 552 277	1 571 676	11 144 522	2 836 079
Irrigated land -----	4 809	3 085	1 141	583	3 409	1 897	1 017	495
farms								
acres	1 171 515	376 446	531 795	263 274	1 153 661	363 074	528 926	261 661
Harvested cropland irrigated -----	3 870	2 386	970	514	2 944	1 593	891	460
Pastureland irrigated -----	1 364	978	289	97	782	503	220	59
Other land irrigated -----	58 881	26 406	27 953	4 522	51 063	21 363	26 385	3 315
Land set aside in the federal farm programs in 1978 -----	32 535	10 655	10 498	11 382	31 552	9 782	10 393	11 377
farms								
acres	346	123	149	74	342	120	148	74
All operators -----	7 568	4 826	1 698	1 044	4 982	2 841	1 464	677
number								
Full owners -----	4 826	4 826	—	—	2 841	2 841	—	—
Part owners -----	1 698	—	1 698	—	1 464	—	1 464	—
Tenants -----	1 044	—	—	1 044	677	—	—	677
White -----	7 150	4 573	1 588	989	4 704	2 706	1 367	631
number								
Full owners	4 573	4 573	—	—	2 706	2 706	—	—
Part owners	1 588	—	1 588	—	1 367	—	1 367	—
Tenants	989	—	—	989	631	—	—	631
Black and other races -----	418	253	110	55	278	135	97	46
number								
Full owners	253	253	—	—	135	135	—	—
Part owners	110	—	110	—	97	—	97	—
Tenants	55	—	—	55	46	—	—	46

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
F FARMS BY TYPE OF ORGANIZATION								
Individual or family								
farms	5 917	4 004	1 192	721	3 519	2 141	991	387
acres	8 027 280	1 140 513	5 596 082	1 290 685	7 624 622	1 049 269	5 316 699	1 258 654
Partnership								
farms	942	492	267	183	771	378	239	154
acres	3 333 150	333 665	2 527 704	471 781	3 298 681	321 467	2 508 514	468 700
Corporations:								
Family held								
farms	525	229	201	95	518	224	200	94
acres	4 758 140	543 076	3 054 750	1 160 314	4 756 454	542 295	3 053 910	1 160 249
More than 10 stockholders								
farms	26	7	13	6	26	7	13	6
10 or less stockholders								
farms	499	222	188	89	492	217	187	88
Other than family held								
farms	114	53	25	36	113	53	24	36
acres	1 179 037	132 055	855 590	191 392	1 178 847	132 055	855 400	191 392
More than 10 stockholders								
farms	34	19	6	9	34	19	6	9
10 or less stockholders								
farms	80	34	19	27	79	34	18	27
Other—cooperative, estate or trust, etc.								
farms	70	48	13	9	61	45	10	6
acres	282 932	22 908	184 797	75 227	257 070	22 822	159 032	75 216
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated								
farms	4 992	3 281	1 171	540	2 958	1 714	987	257
acres	1 936	1 068	428	440	1 536	774	388	374
Not on farm operated								
farms								
Operators by age group:								
Under 25 years								
farms	127	57	17	53	82	29	12	41
acres								
25 to 34 years								
farms	1 122	528	216	378	622	289	190	143
acres								
35 to 44 years								
farms	1 764	1 210	347	207	1 075	635	271	169
acres								
45 to 54 years								
farms	1 981	1 297	476	208	1 321	737	423	161
acres								
55 to 64 years								
farms	1 637	1 109	388	140	1 219	760	346	113
acres								
65 years and over								
farms	937	625	254	58	663	391	222	50
acres								
Average age								
	48.5	49.4	50.1	41.6	49.6	50.5	50.4	44.1
Operators by sex:								
Male								
farms	7 102	4 465	1 625	1 012	4 666	2 609	1 406	651
acres								
Female								
farms	466	361	73	32	316	232	58	26
acres								
Operators of Spanish origin								
farms	590	258	80	252	246	136	65	45
Operators by principal occupation:								
Farming								
farms	3 279	1 665	1 090	524	2 879	1 352	1 044	483
acres								
Other								
farms	4 289	3 161	608	520	2 103	1 489	420	194
Operators reporting days of work off farm:								
None								
farms	2 810	1 523	907	380	2 383	1 182	856	345
acres								
1 to 99 days								
farms	588	338	157	93	467	250	138	79
acres								
100 to 199 days								
farms	572	389	119	64	396	242	102	52
acres								
200 days or more								
farms	3 384	2 448	469	467	1 555	1 067	325	163
acres								
F FARMS BY SIZE								
1 to 9 acres								
farms	1 830	1 482	42	306	633	576	12	45
acres								
10 to 49 acres								
farms	1 751	1 439	161	151	932	715	108	109
acres								
50 to 69 acres								
farms	213	152	38	23	157	105	32	20
acres								
70 to 99 acres								
farms	386	292	44	50	259	179	36	44
acres								
100 to 139 acres								
farms	291	211	53	27	225	158	44	23
acres								
140 to 179 acres								
farms	264	178	31	55	198	137	25	36
acres								
180 to 219 acres								
farms	145	86	31	28	116	68	21	27
acres								
220 to 259 acres								
farms	145	83	45	17	121	68	36	17
acres								
260 to 499 acres								
farms	565	295	164	106	489	261	142	86
acres								
500 to 999 acres								
farms	645	271	262	112	573	249	218	106
acres								
1,000 to 1,999 acres								
farms	472	162	252	58	453	155	241	57
acres								
2,000 acres or more								
farms	861	175	575	111	826	170	549	107
acres								
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011)								
farms	141	77	38	26	124	63	36	25
acres								
Field crop, except cash grain farms (013)								
farms	1 592	740	515	337	1 438	615	504	319
acres								
Cotton farms (0131)								
farms	1 035	394	396	245	1 027	388	396	243
acres								
Tobacco farms (0132)								
farms	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)								
farms	557	346	119	92	411	227	108	76
acres								
Vegetable and melon farms (016)								
farms	192	93	55	44	144	51	49	44
acres								
Fruit and tree nut farms (017)								
farms	671	627	28	16	378	353	16	9
acres								
Horticultural specialty farms (018)								
farms	153	111	16	26	133	93	14	26
acres								
General farms, primarily crop (019)								
farms	124	54	51	19	89	28	44	17
acres								
Livestock farms, except dairy, poultry, and animal specialty (021)								
farms	3 618	2 239	894	485	2 155	1 241	737	177
acres								
Beef cattle farms, except feedlots (0212)								
farms	2 631	1 588	820	223	1 775	953	678	144
acres								
Dairy farms (024)								
farms	183	111	32	40	171	102	31	38
acres								
Poultry and egg farms (025)								
farms	74	64	2	8	20	14	—	6
acres								
Animal specialty farms (027)								
farms	667	588	42	37	311	270	25	16
acres								
General farms, primarily livestock (029)								
farms	153	122	25	6	19	11	8	—
acres								
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold								
farms	7 568	4 826	1 698	1 044	4 982	2 841	1 464	677
\$1,000								
1 287 593	542 229	500 657	244 707	1 284 763	540 133	500 410	244 220	
Farms by value of agricultural products sold:								
\$500,000 or more								
farms	464	169	204	91	464	169	204	91
\$200,000 to \$499,999								
farms	549	197	236	116	549	197	236	116
\$100,000 to \$199,999								
farms	505	203	201	101	505	203	201	101
\$40,000 to \$99,999								
farms	681	331	221	129	681	331	221	129
\$20,000 to \$39,999								
farms	585	368	153	64	585	368	153	64
\$10,000 to \$19,999								
farms	628	428						

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	forms							
Sales of \$40,000 or more	\$1,000	796	307	341	148	775	291	337
forms		39 481	10 711	19 824	8 946	39 456	10 690	19 821
Commodity Credit Corporation loans	\$1,000	255	78	120	57	255	78	120
forms		31 738	7 691	16 438	7 609	31 738	7 691	16 438
Cotton and cottonseed	\$1,000	722	28	45	5	78	28	45
Sales of \$40,000 or more	\$1,000	1 281	310	365	47	722	310	365
forms		335 151	94 226	152 335	88 590	335 138	94 216	152 335
Commodity Credit Corporation loans	\$1,000	990	317	443	230	990	317	443
forms		329 363	91 542	150 589	87 233	329 363	91 542	150 589
Tobacco	\$1,000	80	29	37	14	80	29	37
Sales of \$40,000 or more	\$1,000	2 792	1 501	1 000	291	2 792	1 501	1 000
Field seeds, hay, forage, and silage	\$1,000	—	—	—	—	—	—	—
Sales of \$40,000 or more	\$1,000	1 219	611	394	214	1 050	473	380
forms		49 378	13 129	23 693	12 556	49 160	12 952	23 679
Vegetables, sweet corn, and melons	\$1,000	281	73	135	73	281	73	135
Sales of \$40,000 or more	\$1,000	40 637	9 224	20 513	10 899	40 637	9 224	20 513
forms		121 079	3 452	67 499	50 128	121 007	3 383	67 496
Fruits, nuts, and berries	\$1,000	130	22	59	49	130	22	59
Sales of \$40,000 or more	\$1,000	119 377	2 670	66 835	49 873	119 377	2 670	66 835
Nursery and greenhouse products	\$1,000	661	574	68	19	500	423	63
Sales of \$40,000 or more	\$1,000	68 848	56 078	10 429	2 342	68 723	55 959	10 429
Other crops	\$1,000	125	101	19	5	125	101	19
Sales of \$40,000 or more	\$1,000	64 479	52 117	10 082	2 279	64 479	52 117	10 082
Poultry and poultry products	\$1,000	175	121	27	27	153	101	25
Sales of \$40,000 or more	\$1,000	17 736	7 317	5 929	4 489	17 708	7 291	5 927
Dairy products	\$1,000	70	34	17	19	70	34	17
Sales of \$40,000 or more	\$1,000	16 750	6 558	5 842	4 350	16 750	6 558	5 842
Hogs and pigs	\$1,000	103	31	52	20	103	31	52
Sales of \$40,000 or more	\$1,000	18 127	3 885	12 124	2 119	18 127	3 885	12 124
Sheep, lambs, and wool	\$1,000	67	17	37	13	67	17	37
Sales of \$40,000 or more	\$1,000	17 604	3 742	11 905	1 958	17 604	3 742	11 905
SELECTED FARM PRODUCTION EXPENSES:								
Livestock and poultry purchased	farms	3 243	2 102	730	411	1 843	1 091	597
\$1,000		258 712	153 670	76 524	28 517	256 230	152 558	75 678
Farms with expenses of—								
\$1 to \$4,999		2 475	1 722	450	303	1 127	746	318
\$5,000 to \$19,999		350	205	101	44	300	171	101
\$20,000 to \$49,999		124	54	58	12	123	53	58
\$50,000 or more		294	121	121	52	293	121	120
Feed for livestock and poultry	farms	4 954	3 274	1 117	563	2 938	1 752	925
\$1,000		216 287	128 169	64 185	23 933	214 210	126 870	63 927
Farms with expenses of—								
\$1 to \$4,999		4 069	2 840	793	436	2 079	1 324	602
\$5,000 to \$19,999		448	216	175	57	423	210	175
\$20,000 to \$49,999		121	48	55	18	121	48	55
\$50,000 or more		316	170	94	52	315	170	93
Commercially mixed formula feeds	farms	2 105	1 326	442	337	1 129	672	357
tons		379 835	216 743	89 107	73 986	375 292	213 980	88 768
\$1,000		53 938	31 139	12 688	10 111	53 216	30 669	12 631
Farms by tons purchased:								
1 to 99 tons		1 867	1 189	380	298	891	535	295
100 to 499 tons		103	65	25	13	103	65	25
500 tons or more		135	72	37	26	135	72	37
Farms with expenses of—								
\$1 to \$4,999		1 753	1 138	331	284	781	484	246
\$5,000 to \$19,999		123	59	50	14	119	59	50
\$20,000 to \$49,999		66	43	18	5	66	43	18
\$50,000 or more		163	86	43	34	163	86	43

See footnote at end of table.

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

(Excludes abnormal farms; see text)

	All forms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs— \$1,000—farms	3 979 6 460	2 489 3 657	989 2 076	501 727	2 527 6 222	1 465 3 465	834 2 046	228 710
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,999 \$3,000 or more	3 109 323 303 244	2 001 188 178 122	709 109 90 81	399 26 35 41	1 731 285 274 237	1 043 157 149 116	561 103 90 80	127 25 35 41
Seeds, bulbs, plants, and trees— \$1,000—farms	2 937 11 866	1 626 3 037	892 5 759	419 3 070	2 239 11 733	1 053 2 924	787 5 742	399 3 067
Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 or more	1 522 832 324 259	1 125 333 104 64	295 296 159 142	102 203 61 53	831 825 324 259	557 328 104 64	192 294 159 142	82 203 61 53
Commercial fertilizer— \$1,000—farms	3 313 44 289	1 961 12 207	874 21 312	478 10 769	2 634 44 101	1 395 12 061	788 21 274	451 10 766
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 814 589 392 518	1 412 256 144 149	273 195 157 249	129 138 91 120	1 149 575 392 518	858 244 144 149	189 193 157 249	102 138 91 120
Other agricultural chemicals including lime— \$1,000—farms	3 034 45 291	1 700 10 332	880 21 162	454 13 796	2 530 45 161	1 301 10 235	788 21 131	441 13 796
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 809 482 282 461	1 280 200 107 113	354 173 105 248	175 109 70 100	1 312 475 282 461	887 194 107 113	263 172 105 248	162 109 70 100
Energy and petroleum products— \$1,000—farms	7 507 72 617	4 794 25 227	1 721 32 121	992 15 269	4 918 71 719	2 800 24 545	1 453 32 030	665 15 145
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	5 172 1 125 398 812	3 788 572 149 285	849 348 170 354	535 205 79 173	2 589 1 119 398 812	1 799 567 149 285	582 347 170 354	208 205 79 173
Petroleum products— \$1,000—farms	7 481 39 471	4 775 14 241	1 720 16 749	986 8 481	4 913 38 915	2 796 13 795	1 452 16 684	665 8 437
Gasoline— \$1,000—farms	7 137 13 095	4 495 4 910	1 680 5 415	962 2 770	4 647 12 691	2 592 4 584	1 414 5 372	641 2 736
Diesel fuel— \$1,000—farms	2 789 12 080	1 414 3 855	912 5 664	463 2 561	2 465 12 038	1 175 3 822	843 5 657	447 2 559
LP gas, butane, and propane— \$1,000—farms	1 795 2 604	918 982	625 1 220	252 402	1 620 2 575	762 957	609 1 216	249 402
Fuel oil— \$1,000—farms	242 347	139 150	70 156	33 41	234 347	136 150	65 156	33 41
Natural gas— \$1,000—farms	546 8 589	244 3 386	194 3 107	108 2 096	469 8 576	191 3 376	170 3 104	108 2 096
Kerosene, motor oil, and grease— \$1,000—farms	7 480 2 755	4 774 959	1 720 1 185	986 611	4 912 2 688	2 795 906	1 452 1 178	665 603
Electricity— \$1,000—farms	4 411 32 991	2 658 10 917	1 105 15 301	648 6 773	3 051 32 677	1 690 10 709	969 15 275	392 6 694
Other—coal, wood, coke, etc.— \$1,000—farms	259 156	180 69	57 72	12 14	182 127	105 41	65 71	12 14
Hired farm labor— \$1,000—farms	3 491 125 966	1 912 35 852	1 072 58 168	507 31 946	3 002 125 524	1 522 35 545	998 58 053	482 31 926
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$19,999 \$20,000 to \$49,999 \$50,000 or more	1 762 680 557 492	1 226 301 228 157	372 271 199 230	164 108 130 105	1 274 680 557 491	836 301 228 157	299 271 199 229	139 108 130 105
Workers by number of days worked: 150 days or more— workers	2 099 18 335	923 5 387	808 8 884	368 4 064	2 032 18 248	881 5 345	783 8 839	368 4 064
Less than 150 days— workers	2 808 41 932	1 529 10 985	837 22 868	442 8 079	2 366 40 913	1 166 10 147	783 22 716	417 8 050
Contract labor— \$1,000—farms	1 337 29 021	742 13 042	410 10 977	185 5 002	1 177 28 840	621 12 908	381 10 933	175 4 998
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	570 430 155 182	367 239 74 62	149 128 60 73	54 63 21 47	433 407 155 182	269 216 74 62	120 128 60 73	44 63 21 47
Customwork, machine hire, and rental of machinery and equipment— \$1,000—farms	2 488 34 002	1 403 11 511	712 12 401	373 10 090	1 939 33 734	954 11 278	638 12 374	347 10 083
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 414 496 234 344	973 227 86 117	282 181 101 148	159 88 47 79	884 477 234 344	541 210 86 117	210 179 101 148	133 88 47 79
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services— \$1,000—farms	539 7 379	224 1 869	224 2 836	91 2 674	424 7 249	140 1 769	202 2 818	82 2 663
Value of agricultural products sold directly to individuals for human consumption— \$1,000—farms	694 3 071	533 1 750	113 302	48 1 019	407 2 888	285 1 588	87 288	35 1 013

See footnote at end of table.

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

(Excludes abnormal farms; see text)

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment ... farms ... \$1,000...	7 519	4 806	1 720	993	4 929	2 810	1 453	666
Farms by value group:	342 000	137 196	140 374	64 430	323 249	122 668	137 485	63 096
\$1 to \$4,999	1 515	1 034	204	277	734	544	136	54
\$5,000 to \$9,999	2 219	1 789	316	114	770	550	185	35
\$10,000 to \$19,999	1 090	706	285	99	858	527	252	79
\$20,000 to \$49,999	1 189	687	291	211	1 080	614	259	207
\$50,000 to \$99,999	550	248	203	99	537	237	202	98
\$100,000 to \$199,999	514	184	215	115	509	180	214	115
\$200,000 to \$499,999	368	141	165	62	367	141	164	62
\$500,000 or more	74	17	41	16	74	17	41	16
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles ... farms ... number...	3 387	2 107	936	344	2 488	1 318	867	303
Motortrucks, including pickups ... farms ... number...	5 245	3 094	1 608	543	4 011	2 035	1 505	471
Wheel tractors ... farms ... number...	6 651	4 139	1 584	928	4 434	2 463	1 350	621
2 or 3 ... farms ... number...	4 730	2 867	1 250	613	3 499	1 901	1 064	534
4 or more ... farms ... number...	12 251	5 692	4 532	2 027	10 731	4 509	4 295	1 927
Grain and bean combines, self-propelled only ... farms ... number...	1 372	843	319	210	1 125	653	279	193
Cornpickers, corn heads, and picker-shellers ... farms ... number...	3 240	1 982	775	483	2 719	1 587	687	445
Corn heads for combines ... farms ... number...	61	42	28	22	92	42	28	22
Other cornpickers and picker-shellers ... farms ... number...	69	26	18	19	61	24	18	19
Cottonpickers ... farms ... number...	20	14	5	1	20	14	5	1
Mower conditioners ... farms ... number...	813	257	383	173	813	257	383	173
Pickup balers ... farms ... number...	1 760	541	878	341	1 760	541	878	341
Field forage harvesters, shear bar or flywheel type ... farms ... number...	743	415	240	88	589	294	217	78
Lime ... farms ... acres on which used ...	832	448	281	103	663	312	258	93
Insects on hay and other crops ... farms ... acres on which used ...	1 030	440	275	116	726	360	251	115
Nematodes in crops ... farms ... acres on which used ...	291	157	101	33	262	134	95	33
Diseases in crops and orchards ... farms ... acres on which used ...	336	172	128	36	307	149	122	36
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime ... farms ... \$1,000...	3 983	2 373	1 079	531	3 118	1 686	936	496
Commercial fertilizer ... farms ... acres on which used ...	89 580	22 539	42 475	24 566	89 262	22 296	42 404	24 562
Lime ... farms ... acres on which used ... tons ...	3 143	1 819	847	477	2 547	1 319	778	450
Sprays, dusts, granules, fumigants, etc. to control insects on hay and other crops ... farms ... acres on which used ...	1 887	949	577	361	1 707	794	557	356
Nematodes in crops ... farms ... acres on which used ...	748 491	215 473	349 290	183 728	745 951	213 604	348 644	183 703
Diseases in crops and orchards ... farms ... acres on which used ...	218	114	65	39	212	108	65	39
Weeds, grass, or brush in crops and pasture ... farms ... acres on which used ...	52 316	8 261	18 216	25 839	52 310	8 255	18 216	25 839
Insect control on livestock and poultry ... farms ...	388	279	79	30	287	188	69	30
Sanitation and rodent and bird control ... farms ...	91 518	27 365	37 131	27 022	90 974	26 851	37 101	27 022
Chemicals for defoliation or for growth control of crops, or thinning of fruit ... farms ... acres on which used ...	1 601	862	464	275	1 426	714	445	267
Insect control on livestock and poultry ... farms ... acres on which used ...	621 202	175 634	285 405	160 163	618 031	173 193	284 700	160 138
LIVESTOCK								
Cattle and calves inventory ... farms ... number...	3 996	2 631	1 028	337	2 584	1 499	843	242
Farms with -	1 152 695	553 182	486 190	113 323	1 133 464	541 223	480 088	112 153
1 to 9 ...	1 144	935	150	59	338	261	56	21
10 to 49 ...	1 338	966	252	120	767	532	172	63
50 to 99 ...	377	223	115	39	352	204	109	39
100 to 199 ...	331	162	138	31	323	157	135	31
200 to 499 ...	407	179	181	47	406	179	180	47
500 or more ...	399	166	192	41	398	166	191	41
Cows and heifers that had calved ... farms ... number...	3 143	2 006	887	250	2 106	1 183	734	189
Beef cows ... farms ... number...	325 105	142 437	151 832	30 836	318 048	137 399	150 308	30 341
Farms with -	2 667	1 651	819	197	1 804	976	683	145
1 to 9 ...	994	771	162	61	333	244	63	26
10 to 49 ...	756	483	208	65	562	340	174	48
50 to 99 ...	264	120	117	27	257	116	114	27
100 to 199 ...	249	113	120	16	248	112	120	16
200 to 499 ...	298	126	150	22	298	126	150	22
500 or more ...	106	38	62	6	106	38	62	6

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	farms	number	farms	number	farms	number	farms	number
LIVESTOCK—Con.								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	933	649	199	85	586	361	165	60
Farms with—	71 182	40 360	15 876	14 946	70 585	39 855	15 816	14 914
1 to 4	728	530	153	45	389	248	121	20
5 to 9	30	18	11	1	22	12	9	1
10 to 49	15	8	5	2	15	8	5	2
50 to 99	16	13	—	3	16	13	—	3
100 to 199	31	18	5	8	31	18	5	8
200 to 499	67	33	18	16	67	33	18	16
500 or more	46	29	7	10	46	29	7	10
Heifers and heifer calves	2 757	1 738	784	235	1 950	1 105	672	173
Cows, steer calves, bulls, and bull calves	150 598	61 608	71 094	17 896	144 491	58 124	68 858	17 509
Steers, steer calves, bulls, and bull calves	3 259	2 075	905	279	2 279	1 288	784	207
676 992	349 137	263 264	64 591	670 925	345 700	260 922	64 303	
Cattle and calves sold	3 737	2 356	1 045	336	2 615	1 474	891	250
Farms with—	1 165 191	635 728	411 237	118 226	1 159 312	631 328	410 303	117 681
\$1,000+	497 232	274 916	173 701	48 615	496 034	274 019	173 513	48 501
Calves	2 340	1 508	619	213	1 647	931	554	162
Farms with—	168 365	97 090	57 725	13 550	164 950	94 412	57 326	13 212
\$1,000+	36 231	19 853	13 572	2 806	35 730	19 465	13 514	2 750
Cattle	2 840	1 707	879	254	2 131	1 169	762	200
Farms with—	996 826	538 638	353 512	104 676	994 362	536 916	352 977	104 469
\$1,000+	461 001	255 064	160 129	45 808	460 304	254 554	159 999	45 751
Fattened on grain and concentrates	483	354	94	35	313	205	81	27
Farms with—	640 029	393 738	193 583	52 708	639 579	393 345	193 549	52 685
\$1,000+	336 879	207 533	103 090	26 256	336 734	207 409	103 079	26 246
Hogs and pigs inventory	1 153	790	96	267	386	284	70	32
Farms with—	190 096	85 748	58 535	45 813	155 415	79 608	58 308	17 499
1 to 9	579	496	53	30	173	123	35	15
10 to 49	239	192	26	21	118	93	18	7
50 to 99	40	34	3	3	14	10	3	1
100 to 199	214	21	1	192	16	12	1	3
200 to 499	29	10	4	15	13	9	4	—
500 or more	52	37	9	6	52	37	9	6
Used or to be used for breeding	709	425	42	242	200	149	31	20
Farms with—	31 695	13 664	7 233	10 798	19 221	11 356	7 154	711
\$1,000+	1 075	738	89	248	362	268	64	30
Other	158 401	72 084	51 302	35 015	136 194	68 252	51 154	16 788
Hogs and pigs sold	822	519	70	233	335	246	63	26
Farms with—	195 662	100 206	72 460	22 996	189 800	97 439	72 363	19 998
\$1,000+	19 146	9 493	6 939	2 715	18 689	9 336	6 934	2 420
Feeder pigs sold	136	106	16	14	70	49	12	9
Farms with—	14 787	12 261	677	1 849	13 604	11 186	605	1 813
\$1,000+	545	439	22	84	512	409	20	82
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	711	438	45	228	206	148	38	20
Farms with—	33 222	16 181	13 731	3 310	30 106	15 254	13 705	1 147
\$1,000+	635	376	40	219	188	134	35	19
Dec. 1 and May 31	17 394	8 032	6 670	2 692	14 755	7 512	6 660	583
June 1 and Nov. 30	323	267	31	25	159	124	24	11
Farms with—	15 828	8 149	7 061	618	15 351	7 742	7 045	564
Sheep and lambs of all ages inventory	369	284	61	24	211	140	50	21
Farms with—	217 355	93 213	88 197	35 945	214 651	90 732	88 094	35 825
\$1,000+	275	211	42	22	161	105	37	19
Ewes 1 year old or older	85 818	27 660	39 006	19 152	84 158	26 138	38 943	19 077
Sheep and lambs sold	297	217	55	25	187	116	50	21
Farms with—	162 929	53 415	73 724	35 790	161 900	52 474	73 694	35 732
\$1,000+	241	180	41	20	139	87	36	16
Sheep and lambs shorn	140 641	47 008	64 786	28 847	139 245	45 829	64 687	28 729
Pounds of wool	1 132 087	382 537	563 527	186 023	1 123 215	375 204	562 918	185 093
Horses and ponies inventory	3 111	2 042	849	220	1 949	1 106	695	148
Farms with—	21 149	11 800	7 690	1 659	15 390	7 717	6 645	1 028
\$1,000+	993	757	187	49	554	367	153	34
Horses and ponies sold	3 626	2 633	803	190	2 199	1 302	741	156
Farms with—	9 334	7 528	1 517	290	8 925	7 159	1 496	270
\$1,000+	373	329	25	19	115	97	9	9
Goats inventory	3 074	2 786	203	85	1 672	1 576	50	46
Farms with—	149	132	11	6	42	35	3	4
\$1,000+	1 718	1 484	160	74	800	696	46	58
Goats sold	63	58	3	2	25	22	2	1
POULTRY								
Chickens 3 months old or older inventory	1 507	1 175	252	80	670	439	10 189	42
Farms with—	644 546	305 425	12 879	326 242	622 567	286 554	10 890	325 123
1 to 399	1 494	1 168	251	75	657	432	188	37
400 to 3,199	2	2	—	—	2	2	—	—
3,200 to 9,999	3	1	1	1	3	1	1	1
10,000 to 19,999	1	1	—	—	1	1	—	—
20,000 to 49,999	1	—	—	—	1	—	—	—
50,000 to 99,999	4	3	—	—	4	3	—	—
100,000 or more	2	—	—	—	2	—	—	2
Hens and pullets of laying age	1 486	1 163	250	73	662	435	10 187	40
Farms with—	636 826	298 902	12 026	325 898	618 278	282 742	10 630	324 906
Pullets 3 months old or older not of laying age	310	249	39	22	124	93	21	10
Farms with—	7 720	6 523	853	344	4 289	3 812	260	217

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	farms	farms	farms	farms	farms	farms	farms	farms
POULTRY—Con.								
Chickens 3 months old or older sold	farms number	186 445 479	123 212 030	55 4 961	8 228 488	99 438 651	41 209 273	53 4 926
Broilers and other meat-type chickens sold	farms number	30 423 048	25 390 971	2 (D)	3 (D)	12 422 475	10 (D)	5 (D)
Farms with—								
1 to 1,999		28	24	2	2	10	9	1
2,000 to 59,999		1	—	—	1	1	—	1
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		1	1	—	—	1	1	—
Turkey hens kept for breeding	farms number	83 276	73 233	5 15	5 28	26 107	19 71	4 14
Turkeys sold	farms number	40 8 265	27 643	10 31	3 7 591	24 8 184	14 572	8 (D)
CROPS HARVESTED								
Corn for all purposes	farms	336	172	111	53	256	103	102
For grain or seed	farms	45 553	14 766	21 730	9 057	45 033	14 422	21 575
acres	acres	188	123	42	23	121	61	9 036
bushels	bushels	30 198	11 081	12 673	6 444	29 810	10 816	12 550
Irrigated	farms	2 721 308	1 061 817	1 187 572	471 919	2 709 779	1 054 662	1 183 198
acres	acres	182	117	42	23	119	59	471 919
Farms by acres harvested:		29 143	10 026	12 673	6 444	28 810	9 816	12 550
1 to 24 acres		89	78	7	4	28	15	5
25 to 99 acres		33	17	13	3	27	14	3
100 to 499 acres		44	20	13	11	44	20	13
500 acres or more		22	8	9	5	22	8	5
Sorghums for grain or seed	farms	177	83	65	29	168	75	64
Irrigated	farms	20 601	7 865	8 227	4 509	20 535	7 800	8 226
acres	acres	1 536 100	594 912	625 435	315 753	1 532 825	591 655	625 417
bushels	bushels	177	83	65	29	168	75	64
Farms by acres harvested:		20 601	7 865	8 227	4 509	20 535	7 800	8 226
1 to 24 acres		32	20	8	4	23	12	7
25 to 99 acres		77	34	28	15	77	34	28
100 to 499 acres		61	28	26	7	61	28	26
500 acres or more		7	1	3	3	7	1	3
Wheat for grain	farms	489	212	189	88	432	162	188
Irrigated	farms	101 878	24 599	51 380	25 899	101 696	24 434	51 379
acres	acres	7 387 023	1 661 154	3 774 443	1 951 426	7 379 141	1 653 410	3 774 403
bushels	bushels	488	211	189	88	431	161	188
Farms by acres harvested:		101 843	24 564	51 380	25 899	101 661	24 399	51 379
1 to 24 acres		85	67	8	10	28	17	7
25 to 99 acres		159	65	71	23	159	65	71
100 to 499 acres		204	71	91	42	204	71	91
500 acres or more		41	9	19	13	41	9	19
Barley for grain	farms	282	94	141	47	271	88	138
Irrigated	farms	29 806	9 974	15 931	3 901	29 671	9 889	15 895
acres	acres	2 029 388	635 096	1 130 575	263 717	2 023 293	630 984	1 129 400
bushels	bushels	282	94	141	47	271	88	138
Farms by acres harvested:		29 806	9 974	15 931	3 901	29 671	9 889	15 895
1 to 24 acres		85	67	8	10	28	17	7
25 to 99 acres		159	65	71	23	159	65	71
100 to 499 acres		204	71	91	42	204	71	91
500 acres or more		41	9	19	13	41	9	19
Cotton	farms	1 281	470	521	290	1 273	464	521
Irrigated	farms	560 174	161 241	261 581	137 352	560 116	161 187	261 581
acres	acres	1 134 238	314 366	521 224	298 628	1 134 196	314 352	521 224
bales	bales	1 281	470	521	290	1 273	464	521
Farms by acres harvested:		560 174	161 241	261 581	137 352	560 116	161 187	261 581
1 to 24 acres		67	49	7	11	59	43	7
25 to 99 acres		230	106	70	54	230	106	54
100 to 499 acres		676	229	287	160	676	229	160
500 acres or more		308	86	157	65	308	86	157
Irish potatoes	farms	28	9	14	5	28	9	5
Irrigated	farms	6 360	1 795	3 651	914	6 360	1 795	3 651
acres	acres	1 725 118	528 315	929 766	267 037	1 725 118	528 315	929 766
hundredweight	hundredweight	28	9	14	5	28	9	5
Farms by acres harvested:		6 360	1 795	3 651	914	6 360	1 795	3 651
0.1 to 0.9 acres		—	—	—	—	—	—	—
1.0 to 4.9 acres		2	2	—	—	2	2	—
5.0 to 24.9 acres		1	—	1	—	1	—	—
25.0 to 99.9 acres		6	1	3	2	6	1	3
100.0 acres or more		19	6	10	3	19	6	10
Sugar beets for sugar	farms	51	13	28	10	51	13	28
Irrigated	farms	14 820	1 879	11 945	996	14 820	1 879	11 945
acres	acres	310 066	43 124	245 627	21 315	310 066	43 124	245 627
tons	tons	51	13	28	10	51	13	28
Farms by acres harvested:		14 820	1 879	11 945	996	14 820	1 879	11 945
1 to 24 acres		51	13	28	10	51	13	28
25 to 99 acres		172 107	51 520	80 360	40 227	167 597	47 862	79 787
100 to 499 acres		965 886	281 108	453 037	231 741	956 382	274 260	451 148
500 acres or more		1 764	972	572	220	1 392	676	522
Hay crops (see text)	farms	1 783	984	577	222	1 408	685	527
Irrigated	farms	170 271	50 358	79 780	40 133	165 781	46 713	79 210
acres	acres	948	293	181	74	518	265	180
Farms by acres harvested:		369	119	185	65	367	118	184
1 to 24 acres		792	559	174	59	449	289	126
25 to 99 acres		548	293	181	74	518	265	180
100 to 499 acres		369	119	185	65	367	118	184
500 acres or more		74	13	37	24	74	13	37

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
	farms				farms			
CROPS HARVESTED—Con.								
Alfalfa hay								
farms	1 557	841	518	198	1 250	605	472	173
acres	148 347	44 084	66 947	37 316	145 139	41 571	66 470	37 098
Irrigated								
farms	910 583	266 367	419 871	224 345	902 498	260 417	418 348	223 733
acres	1 557	841	518	198	1 250	605	472	173
All vegetables harvested for sale (see text)								
farms	432	251	115	66	324	154	104	66
acres	68 754	4 824	35 103	28 827	68 569	4 656	35 086	28 827
Irrigated								
farms	432	251	115	66	324	154	104	66
acres	68 754	4 824	35 103	28 827	68 569	4 656	35 086	28 827
Farms by acres harvested:								
0.1 to 4.9 acres	197	177	19	1	96	86	9	1
5.0 to 24.9 acres	71	45	17	9	64	39	16	9
25.0 to 99.9 acres	73	20	29	24	73	20	29	24
100.0 acres or more	91	9	50	32	91	9	50	32
Land in orchards								
farms	1 146	968	139	39	668	534	112	22
acres	77 102	60 211	14 693	2 199	73 411	57 033	14 287	2 091
Irrigated								
farms	1 146	968	139	39	668	534	112	22
acres	77 102	60 211	14 693	2 199	73 411	57 033	14 287	2 091
Farms by acres in orchards:								
0.1 to 4.9 acres	474	407	51	16	176	134	34	8
5.0 to 24.9 acres	382	328	38	16	223	184	32	7
25.0 to 99.9 acres	186	155	28	3	169	140	26	3
100.0 acres or more	104	78	22	4	100	76	20	4

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

Table 30. Summary by Type of Organization: 1978

(Excludes abnormal farms; see text)

All Farms

	Total	Individual or family	Partnership	Total	Corporation				Other — cooperative, estate or trust, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
F FARMS AND LAND IN FARMS										
Farms	number	7 568	5 917	942	639	525	499	114	80	70
Land in farms	percent	100.0	78.1	12.4	8.4	6.9	6.5	1.5	1.0	0.9
Average size of farm	acres	17 580 539	8 027 280	3 333 150	5 937 177	4 758 140	3 293 338	1 179 037	326 235	282 932
Value of land and buildings ¹	dollars	5 535 286	2 762 129	1 089 404	1 598 618	1 314 816	1 122 460	283 802	174 578	85 136
Average per farm	dollars	731 406	472 805	1 091 587	2 486 185	2 462 202	2 205 225	2 603 685	2 238 182	1 001 595
Average per acre	dollars	317	348	324	270	277	343	241	538	307
F FARMS BY VALUE OF LAND AND BUILDINGS										
\$1 to \$19,999	number	587	553	27	1	1	1	—	—	6
\$20,000 to \$39,999	number	869	761	90	7	5	5	2	1	11
\$40,000 to \$69,999	number	958	865	71	15	15	15	—	—	7
\$70,000 to \$99,999	number	805	696	61	31	23	23	8	7	17
\$100,000 to \$149,999	number	720	603	99	18	16	16	2	2	—
\$150,000 to \$199,999	number	445	342	74	21	10	8	11	6	8
\$200,000 to \$499,999	number	1 333	977	215	121	96	95	25	21	20
\$500,000 to \$999,999	number	770	499	142	123	109	107	14	9	6
\$1,000,000 or more	number	1 081	546	219	306	259	239	47	32	10
O OWNED AND RENTED LAND BY OPERATOR										
Land owned	farms	6 557	5 217	764	515	436	416	79	53	61
Land owned	acres	5 898 899	2 782 475	(D)	1 991 579	1 429 515	1 227 907	562 064	136 732	(D)
Land rented or leased from others	farms	2 762	1 929	452	359	298	279	61	46	22
Land rented or leased to others	farms	12 288 704	5 571 092	2 467 440	4 034 168	3 354 877	2 090 283	679 291	192 789	216 004
Land rented or leased to others	acres	607 064	326 287	(D)	88 570	26 252	24 852	62 318	3 286	(D)
L LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	5 454	4 247	679	481	399	380	82	64	47
Cropland	acres	1 505 944	640 084	309 685	548 955	431 514	374 435	117 441	83 758	7 220
Harvested cropland	farms	3 934	2 867	590	440	369	351	71	55	37
Harvested cropland	acres	1 083 927	435 599	235 221	407 880	318 874	270 047	89 006	64 317	5 227
Farms by acres harvested:										
1 to 49 acres	number	2 100	1 780	226	71	60	59	11	8	23
50 to 99 acres	number	347	257	52	35	32	32	3	3	3
100 to 199 acres	number	325	220	69	31	24	24	7	7	5
200 to 499 acres	number	532	325	111	95	84	82	11	9	1
500 to 999 acres	number	371	204	76	87	73	68	14	11	4
1,000 to 1,999 acres	number	162	66	36	59	49	45	10	7	1
2,000 acres or more	number	97	15	20	62	47	41	15	10	—
Cropland:										
Pasture or grazing only	farms	2 065	1 800	161	89	81	79	8	5	15
Pasture or grazing only	acres	137 052	103 291	17 189	15 693	14 085	13 963	1 608	538	879
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	108	90	10	8	8	8	—	—	—
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	acres	3 643	2 526	739	378	378	378	—	—	—
On which all crops failed	farms	225	201	15	9	6	6	3	3	3
On which all crops failed	acres	12 212	10 568	1 077	567	313	313	254	254	—
In cultivated summer fallow	farms	264	153	55	52	44	39	8	5	4
In cultivated summer fallow	acres	95 380	21 982	17 808	55 401	50 142	43 518	5 259	1 999	189
Idle	farms	1 138	810	183	135	95	88	40	29	10
Idle	acres	173 730	66 118	37 651	69 036	47 722	46 216	21 314	16 650	925
Total woodland	farms	201	165	24	11	10	10	1	—	1
Woodland pastured	farms	101 843	49 564	(D)	20 975	(D)	(D)	(D)	(D)	(D)
Woodland not pastured	farms	125	103	14	7	6	6	1	—	1
Woodland not pastured	acres	93 337	44 396	(D)	20 177	(D)	(D)	(D)	(D)	(D)
Postureland and rangeland other than cropland and woodland pastured	farms	2 260	1 709	315	217	185	173	32	20	19
Postureland and rangeland other than cropland and woodland pastured	acres	15 750 997	7 219 009	2 942 161	5 316 023	4 276 512	2 873 134	1 039 511	223 744	273 804
Land in house lots, ponds, roads, wasteland, etc.	farms	3 991	3 187	466	299	245	233	54	34	39
Land in house lots, ponds, roads, wasteland, etc.	acres	221 755	118 623	50 030	51 224	29 639	25 294	21 585	18 733	1 878
Postureland, all types	farms	3 930	3 215	423	263	225	213	38	25	29
Postureland, all types	acres	15 981 386	7 366 696	2 988 094	5 351 893	4 310 274	2 906 774	1 041 619	224 282	274 703
Irrigated land	farms	4 809	3 665	640	459	383	364	76	60	45
Irrigated land	acres	1 171 515	483 912	248 276	433 440	342 158	289 259	91 282	65 431	5 887
Harvested cropland irrigated	farms	3 870	2 816	586	431	360	342	71	55	37
Harvested cropland irrigated	acres	1 080 099	433 165	235 031	406 676	317 670	268 843	89 006	64 317	5 227
Postureland irrigated	farms	1 364	1 164	119	71	63	60	8	7	10
Postureland irrigated	acres	58 881	39 116	6 158	12 947	12 032	11 590	915	415	660
Other land irrigated	farms	381	296	45	40	31	28	9	5	—
Other land irrigated	acres	32 535	11 631	7 087	13 817	12 456	8 826	1 361	699	—
Land set aside in the federal farm programs in 1978	farms	346	211	74	58	56	56	2	2	3
Land set aside in the federal farm programs in 1978	acres	21 366	12 228	3 644	5 407	(D)	(D)	(D)	(D)	87
R RACE AND TENURE OF OPERATOR										
All operators	number	7 568	5 917	942	639	525	499	114	80	70
Full owners	number	4 826	4 004	492	282	229	222	53	34	48
Part owners	number	1 698	1 192	267	226	201	188	25	19	13
Tenants	number	1 044	721	183	131	95	89	36	27	9
White	number	7 150	5 569	913	612	501	475	111	80	56
White	number	4 573	3 785	478	271	218	211	53	34	39
White	number	1 588	1 098	259	220	195	182	25	19	11
Black and other races	number	989	686	176	121	88	82	33	27	6
Black and other races	number	418	348	29	27	24	24	3	—	14
Black and other races	number	253	219	14	11	11	11	—	—	9
Black and other races	number	110	94	8	6	6	6	—	—	2
Black and other races	number	55	35	7	10	7	7	3	—	3

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms by Type of Organization**

	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, etc.	
				Family held		Other than family held			
				Total	10 or less stockholders	Total	10 or less stockholders		
Individual or family	5 917	5 917	—	—	—	—	—	—	
farms	8 027 280	8 027 280	—	—	—	—	—	—	
acres	942	—	942	—	—	—	—	—	
Partnership	3 333 150	—	3 333 150	—	—	—	—	—	
Corporations:									
Family held	525	—	—	525	525	499	—	—	
farms	4 758 140	—	—	4 758 140	4 758 140	3 293 338	—	—	
acres	26	—	—	26	26	—	—	—	
More than 10 stockholders	499	—	—	499	499	499	—	—	
10 or less stockholders	114	—	—	114	—	—	114	80	
Other than family held	1 179 037	—	—	1 179 037	—	—	1 179 037	326 235	
farms	34	—	—	34	—	—	34	—	
acres	80	—	—	80	—	—	80	80	
More than 10 stockholders	70	—	—	70	—	—	—	70	
10 or less stockholders	282 932	—	—	282 932	—	—	—	282 932	

OPERATOR CHARACTERISTICS

Operators by place of residence:								
On farm operated	4 992	4 176	489	300	260	244	40	30
Not on farm operated	1 936	1 182	426	292	224	214	68	49
Operators by age group:								
Under 25 years	127	103	22	2	2	2	—	—
25 to 34 years	1 122	896	149	65	51	50	14	13
35 to 44 years	1 764	1 442	194	119	94	88	25	18
45 to 54 years	1 981	1 538	231	192	155	149	37	23
55 to 64 years	1 637	1 216	224	179	146	139	33	22
65 years and over	937	722	122	82	77	71	5	4
Average age	48.5	48.2	48.9	50.6	51.1	51.0	48.3	47.7
Operators by sex:								
Male	7 102	5 539	889	615	502	476	113	79
Female	466	378	53	24	23	23	1	1
Operators of Spanish origin	590	496	54	38	33	31	5	2
Operators by principal occupation:								
Farming	3 279	2 209	535	502	412	389	90	66
Other	4 289	3 708	407	137	113	110	24	14
Operators reporting days of work off farm:								
None	2 810	1 931	428	426	347	326	79	57
1 to 99 days	588	441	85	52	38	37	14	9
100 to 199 days	572	449	76	44	39	38	5	3
200 days or more	3 384	2 942	320	92	79	76	13	9

Farms by Size

1 to 9 acres	1 830	1 677	106	33	28	27	5	3
10 to 49 acres	1 751	1 512	170	54	42	41	12	9
50 to 69 acres	213	163	33	14	12	12	2	2
70 to 99 acres	386	303	50	24	17	16	7	3
100 to 139 acres	291	245	30	12	9	9	3	4
140 to 179 acres	264	186	55	21	16	16	5	5
180 to 219 acres	145	109	25	11	9	9	2	1
220 to 259 acres	145	106	29	7	7	7	—	3
260 to 499 acres	565	412	87	64	52	52	12	11
500 to 999 acres	645	426	115	99	85	80	14	11
1,000 to 1,999 acres	472	302	70	98	83	80	15	11
2,000 acres or more	861	476	172	202	165	150	37	21

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

Cash grain farms (011)	141	116	13	8	5	4	3	4
Field crop, except cash grain farms (013)	1 592	1 072	292	218	188	184	30	26
Cotton farms (0131)	1 035	626	216	187	161	157	26	24
Tobacco farms (0132)	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	557	446	76	31	27	27	4	2
Vegetable and melon farms (016)	192	130	23	37	29	24	8	5
Fruit and tree nut farms (017)	671	507	109	44	34	28	10	5
Horticultural specialty farms (018)	153	95	15	43	33	32	10	8
General farms, primarily crop (019)	124	80	17	25	20	20	5	4
Livestock farms, except dairy, poultry, and animal specialty (021)	3 618	2 985	377	218	181	173	37	23
Beef cattle farms, except feedlots (0212)	2 631	2 130	297	176	149	143	27	15
Dairy farms (024)	183	118	37	27	21	21	6	6
Poultry and egg farms (025)	74	62	6	6	2	2	—	—
Animal specialty farms (027)	667	612	43	10	9	8	1	2
General farms, primarily livestock (029)	153	140	10	3	3	3	—	—

Value of Agricultural Products Sold

Market value of agricultural products sold	7 568	5 917	942	639	525	499	114	80	70
Farms by value of agricultural products sold:	\$1,000	1 287 593	362 354	207 893	651 672	448 318	390 995	203 354	139 474
\$500,000 or more	464	135	113	212	167	148	45	25	4
\$200,000 to \$499,999	549	300	111	132	111	111	21	17	6
\$100,000 to \$199,999	505	306	100	95	81	78	14	10	4
\$40,000 to \$99,999	681	446	134	96	73	71	23	21	5
\$20,000 to \$39,999	585	459	83	33	29	29	4	3	10
\$10,000 to \$19,999	628	499	90	34	29	28	5	3	5
\$5,000 to \$9,999	690	588	71	15	14	14	1	—	16
\$2,500 to \$4,999	880	786	69	14	14	13	—	—	11
Less than \$2,500	2 586	2 398	171	8	7	7	1	1	9

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— cooper- ative, 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	796	488	134	166	143	136	23
Sales of \$40,000 or more	farms	39 481	16 253	6 251	16 618	13 077	11 258	3 541
Commodity Credit Corporation loans	farms	255	118	46	88	72	69	16
Cotton and cottonseed	farms	31 738	11 546	4 703	15 156	11 729	9 984	3 428
Sales of \$40,000 or more	farms	78	49	13	16	16	16	—
Commodity Credit Corporation loans	farms	722	463	125	134	134	134	—
Tobacco	farms	1 281	763	255	252	213	203	39
Sales of \$40,000 or more	farms	335 151	121 852	94 890	117 463	99 076	85 553	18 387
Vegetables, sweet corn, and melons	farms	990	539	214	231	194	185	37
Sales of \$40,000 or more	farms	329 363	117 566	93 981	116 930	98 595	85 103	18 335
Fruits, nuts, and berries	farms	80	50	19	11	11	11	—
Sales of \$40,000 or more	farms	2 792	1 359	1 149	284	284	284	—
Nursery and greenhouse products	farms	1 219	857	193	156	137	128	19
Sales of \$40,000 or more	farms	49 378	23 772	8 276	16 912	14 362	13 137	2 550
Other crops	farms	281	135	56	88	78	72	10
Sales of \$40,000 or more	farms	40 637	17 777	(D)	15 857	13 485	12 315	2 372
Cattle and calves	farms	432	307	53	67	54	49	13
Sales of \$40,000 or more	farms	121 079	11 954	15 508	93 601	54 870	44 174	38 731
Hogs and pigs	farms	130	48	25	57	46	41	11
Sales of \$40,000 or more	farms	119 377	10 761	15 180	93 436	54 751	44 056	38 684
Sheep, lambs, and wool	farms	661	472	107	66	54	47	12
Sales of \$40,000 or more	farms	68 848	14 211	5 738	48 534	34 780	23 387	13 755
Commercial mixed formula feeds	farms	125	56	27	40	31	26	9
Sales of \$40,000 or more	farms	64 479	11 229	(D)	48 168	34 477	23 102	13 691
Feed for livestock and poultry	farms	175	107	21	47	37	36	10
Sales of \$40,000 or more	farms	17 736	6 303	1 489	9 944	6 961	6 876	2 983
Commercially mixed formula feeds	farms	70	25	9	36	27	26	9
Sales of \$40,000 or more	farms	16 750	5 516	1 362	9 872	6 895	6 810	2 978
Commercially mixed formula feeds	farms	103	42	26	35	25	22	10
Sales of \$40,000 or more	farms	18 127	2 348	4 042	11 737	5 313	4 626	6 424
Commercially mixed formula feeds	farms	67	22	19	26	18	15	8
Sales of \$40,000 or more	farms	17 604	2 084	3 936	11 585	5 181	4 494	6 403
Poultry and poultry products	farms	427	383	34	10	5	5	—
Sales of \$40,000 or more	farms	7 523	520	1 009	5 995	2 368	2 368	3 627
Dairy products	farms	14	4	4	6	2	2	—
Sales of \$40,000 or more	farms	7 370	389	1 001	5 980	(D)	(D)	3 627
Commercially mixed formula feeds	farms	235	159	47	28	22	22	6
Sales of \$40,000 or more	farms	92 236	40 087	(D)	22 258	21 438	21 438	820
Commercially mixed formula feeds	farms	159	96	35	27	21	21	6
Sales of \$40,000 or more	farms	91 882	39 857	(D)	22 237	21 417	21 417	820
Commercially mixed formula feeds	farms	3 737	2 973	445	282	234	225	48
Sales of \$40,000 or more	farms	497 232	109 839	27 774	297 748	186 202	169 688	111 546
Commercially mixed formula feeds	farms	664	334	140	180	146	139	34
Sales of \$40,000 or more	farms	476 224	93 371	24 930	296 266	184 904	168 405	111 361
Commercially mixed formula feeds	farms	31	22	4	5	4	3	1
Sales of \$40,000 or more	farms	8 255	2 047	5 716	491	(D)	(D)	—
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms	3 243	2 673	352	202	160	151	42
Sales of \$40,000 or more	farms	1 000	258 712	48 497	13 265	166 441	92 963	86 970
Farms with expenses of—								
\$1 to \$4,999		2 475	2 237	195	35	30	26	5
\$5,000 to \$19,999		350	226	81	41	31	30	10
\$20,000 to \$49,999		124	82	17	23	23	23	—
\$50,000 or more		294	128	59	103	76	72	27
Feed for livestock and poultry	farms	4 954	4 087	554	269	214	204	55
Sales of \$40,000 or more	farms	1 000	216 287	53 427	24 609	123 254	67 090	63 277
Farms with expenses of—								
\$1 to \$4,999		4 069	3 588	379	68	52	51	16
\$5,000 to \$19,999		448	297	77	71	62	59	9
\$20,000 to \$49,999		121	62	21	35	31	31	4
\$50,000 or more		316	140	77	95	69	63	26
Commercially mixed formula feeds	farms	2 105	1 748	198	140	106	98	34
Sales of \$40,000 or more	farms	1 000	379 835	141 170	57 850	150 030	90 809	78 860
Farms by tons purchased:								
1 to 99 tons		1 867	1 625	153	74	59	55	15
100 to 499 tons		103	66	15	21	15	14	6
500 tons or more		135	57	30	45	32	29	7
Farms with expenses of—								
\$1 to \$4,999		1 753	1 564	136	41	31	28	10
\$5,000 to \$19,999		123	69	17	34	29	28	5
\$20,000 to \$49,999		66	44	9	13	12	12	4
\$50,000 or more		163	71	36	52	34	30	18

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total	Individual or family	Partnership	Total	Corporation			Other — cooper- ative, estate or trust, etc.
					Family held		Other than family held	
					Total	10 or less stockholders	Total	10 or less stockholders
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs.....	farms-\$1,000-	3 979	3 251	431	256	205	196	51 32 41
Farms with expenses of—		6 460	1 887	845	3 231	1 682	1 621	1 549 1 132 496
\$1 to \$499.....		3 109	2 714	273	92	82	80	10 4 30
\$500 to \$999.....		323	228	55	37	26	24	11 8 3
\$1,000 to \$2,999.....		303	199	45	56	40	38	16 10 3
\$3,000 or more.....		244	110	58	71	57	54	14 10 5
Seeds, bulbs, plants, and trees.....	farms-\$1,000-	2 937	2 073	438	399	341	326	58 47 27
Farms with expenses of—		11 866	4 481	1 983	5 339	4 064	3 523	1 274 836 64
\$1 to \$999.....		1 522	1 264	183	54	51	51	3 3 21
\$1,000 to \$4,999.....		832	519	157	153	134	130	19 17 3
\$5,000 to \$9,999.....		324	195	55	74	68	66	6 6 -
\$10,000 or more.....		259	95	43	118	88	79	30 21 3
Commercial fertilizer.....	farms-\$1,000-	3 313	2 297	527	440	375	358	65 52 49
Farms with expenses of—		44 289	14 896	9 939	19 326	13 784	12 148	5 542 4 009 128
\$1 to \$2,499.....		1 814	1 511	194	66	59	59	7 7 43
\$2,500 to \$9,999.....		589	349	137	102	88	87	14 13 1
\$10,000 to \$19,999.....		392	218	88	83	74	73	9 6 3
\$20,000 or more.....		518	219	108	189	154	139	35 26 2
Other agricultural chemicals including lime.....	farms-\$1,000-	3 034	2 017	511	475	406	385	69 53 31
Farms with expenses of—		45 291	12 866	12 323	19 990	15 809	13 308	4 181 2 951 112
\$1 to \$2,499.....		1 809	1 395	238	151	129	125	22 19 25
\$2,500 to \$9,999.....		482	278	112	89	81	79	8 8 3
\$10,000 to \$19,999.....		282	159	67	55	46	44	9 6 1
\$20,000 or more.....		461	185	94	180	150	137	30 20 2
Energy and petroleum products.....	farms-\$1,000-	7 507	5 800	985	637	529	504	108 78 85
Farms with expenses of—		72 617	27 273	16 532	28 335	21 085	16 869	7 250 5 344 477
\$1 to \$2,499.....		5 172	4 454	561	90	79	78	11 6 67
\$2,500 to \$9,999.....		1 125	749	151	217	175	172	42 36 8
\$10,000 to \$19,999.....		398	229	82	85	76	72	9 7 2
\$20,000 or more.....		812	368	191	245	199	182	46 29 8
Petroleum products.....	farms-\$1,000-	7 481	5 775	985	636	528	503	108 78 85
Gasoline.....	farms-\$1,000-	39 471	16 688	7 705	14 794	11 940	9 488	2 854 1 901 283
Diesel fuel.....	farms-\$1,000-	7 137	5 498	945	614	511	486	103 73 80
LP gas, butane, and propane.....	farms-\$1,000-	13 095	5 939	2 408	4 615	3 645	3 290	970 545 133
Fuel oil.....	farms-\$1,000-	2 789	1 808	476	464	380	361	84 67 41
Natural gas.....	farms-\$1,000-	12 080	4 965	2 428	4 631	3 654	3 200	978 678 56
Kerosene, motor oil, and grease.....	farms-\$1,000-	1 795	1 151	344	281	238	225	43 27 19
Electricity.....	farms-\$1,000-	2 604	1 042	(D)	983	810	723	174 113 (D)
Other—coal, wood, coke, etc.....	farms-\$1,000-	242	151	58	32	24	21	8 6 1
Hired farm labor.....	farms-\$1,000-	347	66	(D)	161	107	88	55 51 (D)
Workers by number of days worked:		546	345	98	99	78	70	21 12 4
150 days or more.....	farms-workers-	8 589	3 384	1 577	3 558	3 050	1 540	508 413 69
Less than 150 days.....	farms-workers-	7 480	5 775	984	636	528	503	108 78 85
Contract labor.....	farms-\$1,000-	2 755	1 293	601	845	675	646	170 102 17
Customwork, machine hire, and rental of machinery and equipment.....	farms-\$1,000-	32 991	10 493	8 822	13 484	(D)	(D)	(D) (D) 193
Farms with expenses of—		259	234	8	9	8	8	1 1 8
\$1 to \$4,999.....		156	92	5	58	(D)	(D)	(D) (D) 1
Workers by number of days worked:		3 491	2 266	594	595	491	466	104 75 36
150 days or more.....	farms-workers-	125 966	31 654	22 841	70 203	47 675	40 371	22 528 15 045 1 269
Less than 150 days.....	farms-workers-	570	418	89	85	72	70	13 8 20
Contract labor.....	farms-\$1,000-	430	303	100	138	108	106	30 25 4
Farms with expenses of—		155	69	125	157	142	140	15 11 4
\$1 to \$2,499.....		182	66	108	215	169	150	46 31 8
\$2,500 to \$9,999.....		182	66	33	81	67	57	14 7 2
Customwork, machine hire, and rental of machinery and equipment.....	farms-\$1,000-	2 488	1 707	425	325	275	260	50 38 31
Farms with expenses of—		34 002	9 921	8 122	15 863	13 349	10 606	2 515 1 419 96
\$1 to \$2,499.....		1 414	1 163	190	40	36	36	4 4 21
\$2,500 to \$9,999.....		496	313	81	94	88	88	6 4 8
\$10,000 to \$19,999.....		234	102	78	54	49	46	5 5 -
\$20,000 or more.....		344	129	76	137	102	90	35 25 2
PARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services.....	farms-\$1,000-	539	397	76	62	52	51	10 6 4
Value of agricultural products sold directly to individuals for human consumption.....	farms-\$1,000-	7 379	2 969	848	3 556	2 615	2 573	941 158 7
See footnote at end of table.		694	586	77	25	19	17	6 2 6
		3 071	1 113	553	1 401	987	974	414 (D) 3

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

[Excludes abnormal farms; see text]

All Farms

VALUE OF MACHINERY AND EQUIPMENT¹

Estimated market value of all machinery and equipment farms \$1,000	Total	Individual or family	Partnership	Corporation				Other— cooper- ative, estate or trust, etc.	
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
\$1 to \$4,999	1 515	1 352	110	30	30	30	—	—	23
\$5,000 to \$9,999	2 219	1 911	251	34	31	30	3	1	23
\$10,000 to \$19,999	1 090	892	129	54	43	42	11	8	15
\$20,000 to \$49,999	1 189	855	185	134	106	102	28	24	15
\$50,000 to \$99,999	550	363	92	94	78	75	16	10	1
\$100,000 to \$199,999	514	251	118	140	118	113	22	18	5
\$200,000 to \$499,999	368	167	91	107	92	85	15	12	3
\$500,000 or more	74	14	14	46	34	30	12	5	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	3 387	2 621	453	304	254	243	50	33	9
	number	5 245	3 825	819	589	476	439	113	71	12
Motortrucks, including pickups	farms	6 651	5 123	862	596	493	468	103	76	70
	number	15 396	9 455	2 527	3 253	2 555	2 330	698	443	161
Wheel tractors	farms	4 730	3 398	716	549	462	439	87	71	67
	number	12 251	7 034	2 298	2 783	2 206	2 043	577	407	136
2 or 3	farms	1 372	942	253	149	123	120	26	24	28
	number	3 240	2 216	600	361	300	292	61	57	63
4 or more	farms	984	491	210	276	230	214	46	34	7
	number	6 637	2 853	1 445	2 298	1 797	1 646	501	337	41
Grain and bean combines, self-propelled only	farms	372	249	54	65	57	54	8	8	4
	number	508	313	85	106	91	87	15	15	4
Cornpickers, corn heads, and picker-shellers	farms	78	55	14	9	6	6	3	3	—
	number	92	64	18	10	7	7	3	3	—
Corn heads for combines	farms	61	46	7	8	5	5	3	3	—
	number	69	51	(D)	(D)	(D)	(D)	3	3	—
Other cornpickers and picker-shellers	farms	20	11	8	1	1	1	—	—	—
	number	23	13	(D)	(D)	(D)	(D)	—	—	—
Cottonpickers	farms	813	439	186	185	167	162	18	16	3
	number	1 760	844	433	478	413	395	65	62	5
Mower conditioners	farms	743	536	102	102	97	96	5	3	3
	number	832	590	110	129	120	119	9	6	3
Pickup balers	farms	831	571	150	103	95	92	8	5	7
	number	1 030	662	200	160	147	144	13	9	8
Field forage harvesters, shear bar or flywheel type	farms	291	215	45	23	19	19	4	3	8
	number	336	242	55	31	26	26	5	4	8

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	3 983	2 809	607	508	433	412	75	59	59
	\$1,000	89 580	27 761	22 262	39 316	29 593	25 456	9 723	6 960	240
Commercial fertilizer	farms	3 143	2 157	507	430	365	348	65	52	49
	acres on which used	1 018 796	387 707	226 529	400 187	313 638	265 973	86 549	61 468	4 373
Lime	farms	—	—	—	—	—	—	—	—	—
	acres on which used	—	—	—	—	—	—	—	—	—
ton	—	—	—	—	—	—	—	—	—	—

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

Insects on hay and other crops	farms	1 887	1 154	353	362	309	294	53	42	18
	acres on which used	748 491	282 183	172 760	291 476	235 733	207 763	55 743	36 586	2 072
Nematodes in crops	farms	218	103	68	43	39	37	4	3	4
	acres on which used	52 316	12 760	27 630	11 815	9 443	9 043	2 372	730	111
Diseases in crops and orchards	farms	388	283	41	64	51	42	13	6	—
	acres on which used	91 518	22 709	24 986	43 823	28 024	21 658	15 799	6 811	—
Weeds, grass, or brush in crops and pasture	farms	1 601	1 021	279	279	238	223	41	32	22
	acres on which used	621 202	252 802	128 116	238 243	194 303	158 667	43 940	26 561	2 041

Chemicals for—
Defoliation or for growth control of crops, or thinning
of fruit

	farms	1 028	553	219	244	213	204	31	26	12
	acres on which used	420 634	134 020	121 581	163 776	137 683	123 053	26 093	23 640	1 257

Insect control on livestock and poultry

Sanitation and rodent and bird control	farms	985	734	130	106	94	88	12	7	15
	—	—	—	—	—	—	—	6	3	10

	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—

	—	—	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—	—	—

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

[Excludes abnormal farms; see text]

All Farms

LIVESTOCK—Con.

Cattle and calves inventory—Con.

Cows and heifers that had calved—Con.

	Total	Individual or family	Partnership	Total	Corporation				Other—cooperative, estate or trust, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
Milk cows	933	754	109	63	53	49	10	8	7	
Farms with—	71 182	32 126	20 892	17 844	15 970	15 922	1 874	1 871	320	
1 to 4	728	626	68	29	25	24	4	2	5	
5 to 9	30	22	3	4	4	3	—	—	1	
10 to 49	15	11	2	2	2	2	—	—	—	
50 to 99	16	11	3	2	2	2	—	—	—	
100 to 199	31	27	3	1	1	1	—	—	—	
200 to 499	67	39	14	13	8	8	5	5	1	
500 or more	46	18	16	12	11	11	1	1	—	
Heifers and heifer calves	2 757	2 170	346	212	178	172	34	23	29	
Farms with—	150 598	74 441	26 924	47 969	37 084	33 341	10 885	8 506	1 264	
Steers, steer calves, bulls, and bull calves	3 259	2 571	404	250	210	201	40	27	34	
Farms with—	676 992	132 685	31 777	467 696	231 953	216 498	235 743	179 923	44 834	
Cattle and calves sold	3 737	2 973	445	282	234	225	48	32	37	
Farms with—	1 165 191	289 391	89 676	625 215	400 912	362 796	224 303	155 736	160 909	
\$1,000	497 232	109 839	27 774	297 748	186 202	169 688	111 546	78 347	61 871	
Calves	2 340	1 900	267	152	134	129	18	14	21	
Farms with—	168 365	75 162	25 084	36 257	31 007	30 114	5 250	3 862	31 862	
\$1,000	36 231	15 773	5 015	7 580	6 205	5 957	1 375	1 186	7 862	
Cattle	2 840	2 197	362	251	209	201	42	28	30	
Farms with—	996 826	214 229	64 592	588 958	369 905	332 682	219 053	151 874	129 047	
\$1,000	461 001	94 066	22 758	290 167	179 997	163 731	110 171	77 160	54 009	
Fattened on grain and concentrates	483	390	50	37	27	26	10	8	6	
Farms with—	640 029	101 843	6 213	459 176	271 855	256 855	187 321	133 534	72 797	
\$1,000	336 879	55 213	2 821	240 898	141 162	134 412	99 736	71 149	37 947	
Hogs and pigs inventory	1 153	1 053	81	14	13	12	1	1	5	
Farms with—	190 096	75 358	44 634	58 118	(D)	(D)	(D)	(D)	11 986	
1 to 9	579	541	35	2	2	2	—	—	1	
10 to 49	239	230	7	2	2	2	—	—	—	
50 to 99	40	35	5	—	—	—	—	—	—	
100 to 199	214	210	3	1	1	1	—	—	—	
200 to 499	29	11	17	1	1	1	—	—	—	
500 or more	52	26	14	8	7	6	1	1	4	
Used or to be used for breeding	709	647	48	9	8	7	1	1	5	
Farms with—	31 695	13 357	8 960	7 965	(D)	(D)	(D)	(D)	1 413	
Other	1 075	993	63	14	13	12	1	1	5	
Farms with—	158 401	62 001	35 674	50 153	(D)	(D)	(D)	(D)	10 573	
Hogs and pigs sold	822	752	52	13	12	11	1	1	5	
Farms with—	195 662	69 636	43 841	71 111	(D)	(D)	(D)	(D)	11 074	
\$1,000	19 146	6 103	5 024	6 768	6 699	5 414	(D)	(D)	1 251	
Feeder pigs sold	136	124	9	2	1	1	1	1	—	
Farms with—	14 787	9 252	1 150	(D)	(D)	(D)	(D)	(D)	(D)	
\$1,000	545	337	39	(D)	(D)	(D)	(D)	(D)	(D)	
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	711	662	35	9	8	7	1	1	5	
Farms with—	33 222	12 783	4 554	13 861	(D)	(D)	(D)	(D)	2 024	
Dec. 1 and May 31	635	595	29	9	8	7	1	1	2	
Farms with—	17 394	7 791	(D)	6 682	(D)	(D)	(D)	(D)	(D)	
June 1 and Nov. 30	323	280	29	9	8	7	1	1	5	
Farms with—	15 828	4 992	(D)	7 179	(D)	(D)	(D)	(D)	(D)	
Sheep and lambs of all ages inventory	369	313	31	16	13	13	3	2	9	
Farms with—	217 355	116 408	44 830	55 491	45 331	45 331	10 160	(D)	626	
Ewes 1 year old or older	275	232	24	10	8	8	2	1	9	
Farms with—	85 818	44 244	23 509	17 789	11 489	11 489	(D)	(D)	276	
Sheep and lambs sold	297	247	28	13	10	10	3	2	9	
Farms with—	162 929	75 949	37 144	49 278	39 378	39 378	9 900	(D)	558	
Sheep and lambs shorn	241	202	20	10	8	8	2	1	9	
Farms with—	140 641	52 752	37 835	49 644	(D)	(D)	(D)	(D)	410	
Pounds of wool	1 132 087	456 444	256 555	417 483	(D)	(D)	(D)	(D)	1 605	
Horses and ponies inventory	3 111	2 573	336	178	155	146	23	17	24	
Farms with—	21 149	15 178	2 845	3 007	2 647	2 187	360	246	119	
Horses and ponies sold	993	866	76	47	39	34	8	4	4	
Farms with—	3 626	2 878	328	410	367	323	43	19	10	
\$1,000	9 334	3 128	5 788	416	390	327	26	15	2	
Goats inventory	373	349	19	2	1	1	1	1	3	
Farms with—	3 074	2 665	339	(D)	(D)	(D)	(D)	(D)	(D)	
Goats sold	149	136	12	1	1	1	—	—	—	
Farms with—	1 718	1 584	(D)	(D)	(D)	(D)	—	—	—	
\$1,000	63	51	(D)	(D)	(D)	(D)	—	—	—	
POULTRY										
Chickens 3 months old or older inventory	1 507	1 364	105	32	25	25	7	3	6	
Farms with—	644 546	59 405	127 067	457 990	123 690	123 690	334 300	28	84	
1 to 399	1 494	1 360	102	26	23	23	3	3	6	
400 to 3,199	2	2	—	—	—	—	—	—	—	
3,200 to 9,999	3	1	1	1	1	1	—	—	—	
10,000 to 19,999	1	1	—	—	—	—	—	—	—	
20,000 to 49,999	1	—	1	—	—	—	—	—	—	
50,000 to 99,999	4	—	1	3	—	—	3	—	—	
100,000 or more	2	—	—	—	2	1	1	—	—	
Hens and pullets of laying age	1 486	1 349	99	32	25	25	7	3	6	
Farms with—	636 826	52 206	(D)	(D)	(D)	(D)	334 300	28	(D)	
Pullets 3 months old or older not of laying age	310	290	18	1	1	1	—	—	1	
Farms with—	7 720	7 199	(D)	(D)	(D)	(D)	—	—	(D)	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms	Total	Individual or family	Partnership	Total	Corporation				Other— cooper- ative, estate or trust, etc.	
					Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
POULTRY—Con.										
Chickens 3 months old or older sold	farms number	186 445 479	170 49 501	10 82 834	6 313 144	2 (D)	2 (D)	4 250 000	— —	
Broilers and other meat-type chickens sold	farms number	30 423 048	25 (D)	4 32 024	1 (D)	1 (D)	1 (D)	— —	— —	
Forms with—										
1 to 1,999	farms	28	25	3	—	—	—	—	—	
2,000 to 59,999	farms	1	—	1	—	—	—	—	—	
60,000 to 99,999	farms	—	—	—	—	—	—	—	—	
100,000 or more	farms	1	—	—	1	1	1	—	—	
Turkey hens kept for breeding	farms number	83 276	77 259	5 (D)	1 (D)	1 (D)	1 (D)	— —	— —	
Turkeys sold	farms number	40 8 265	36 744	4 7 521	— —	— —	— —	— —	— —	
CROPS HARVESTED										
Corn for all purposes	farms acres	336 45 553	242 27 840	56 7 561	32 10 093	27 6 896	26 6 496	5 3 197	3 1 057	
For grain or seed	farms acres	188 30 198	154 20 785	18 4 033	11 5 361	7 2 234	4 2 234	4 3 127	3 1 057	
Irrigated	farms acres	2 721 308 182	1 955 751 149	321 517 18	443 324 4 961	88 901 1 834	88 901 1 834	354 423 3 127	354 423 1 057	
Farms by acres harvested:										
1 to 24 acres	farms	89	80	3	1	—	—	1	1	
25 to 99 acres	farms	33	24	7	2	2	2	—	—	
100 to 499 acres	farms	44	34	5	5	4	4	1	1	
500 acres or more	farms	22	16	3	3	1	1	2	1	
Sorghums for grain or seed	farms acres	177 20 601	115 12 104	33 (D)	27 3 856	20 2 621	18 2 361	7 1 235	5 578	
Irrigated	farms acres	1 536 100 177	931 110 115	262 462 33	173 396 2 621	142 682 2 361	89 066 1 235	43 323 578	(D) (D)	
Farms by acres harvested:										
1 to 24 acres	farms	32	27	3	2	1	1	1	1	
25 to 99 acres	farms	77	46	15	15	13	12	2	1	
100 to 499 acres	farms	61	39	14	7	4	3	3	1	
500 acres or more	farms	7	3	1	3	2	2	1	—	
Wheat for grain	farms acres	489 101 878	291 33 548	71 14 749	120 52 519	102 40 518	98 34 037	18 12 001	15 10 820	
Irrigated	farms acres	7 387 023 488	2 255 258 1 110 580	1 110 580 14 749	3 959 216 52 519	3 220 927 40 518	2 676 729 34 037	738 289 12 001	669 203 10 820	
Farms by acres harvested:										
1 to 24 acres	farms	85	80	1	—	—	—	—	4	
25 to 99 acres	farms	159	103	25	31	30	29	1	1	
100 to 499 acres	farms	204	100	36	64	53	52	11	9	
500 acres or more	farms	41	8	7	25	19	17	6	2	
Barley for grain	farms acres	282 29 806	175 14 166	51 5 798	53 9 820	47 9 134	46 9 104	6 686	6 686	
Irrigated	farms acres	2 029 388 282	931 887 14 166	410 478 5 798	685 231 9 820	640 891 9 134	638 391 9 104	44 340 686	44 340 686	
Cotton	farms acres	1 281 560 174	763 222 240	255 148 428	252 187 675	213 154 173	203 134 677	39 33 502	33 30 637	
Irrigated	farms acres	1 134 238 1 281	418 637 763	327 799 255	384 825 252	323 563 213	286 037 203	57 573 39	2 977 33	
Farms by acres harvested:										
1 to 24 acres	farms	67	56	8	—	—	—	—	3	
25 to 99 acres	farms	230	168	35	25	22	20	3	2	
100 to 499 acres	farms	676	422	130	119	100	98	19	5	
500 acres or more	farms	308	117	82	108	91	85	17	15	
Irish potatoes	farms acres	28 6 360	6 402	1 947 1 947	8 4 011	14 2 179	9 2 179	5 1 832	3 1 606	
Irrigated	farms acres	1 725 118 28	77 080 6	572 767 4 011	1 075 271 2 179	579 886 2 179	579 886 2 179	495 385 1 832	441 600 1 606	
Farms by acres harvested:										
0.1 to 0.9 acres	farms	—	—	—	—	—	—	—	—	
1.0 to 4.9 acres	farms	2	1	1	—	—	—	—	—	
5.0 to 24.9 acres	farms	1	1	—	—	—	—	—	—	
25.0 to 99.9 acres	farms	6	2	1	3	2	2	1	—	
100.0 acres or more	farms	19	2	6	11	7	7	4	3	
Sugar beets for sugar	farms acres	51 14 820	22 2 478	14 2 723	15 9 619	11 1 996	10 1 676	4 7 623	2 (D)	
Irrigated	farms acres	51 14 820	22 2 478	14 2 723	15 9 619	11 1 996	10 1 676	4 7 623	2 (D)	
Hay crops (see text)	farms acres	1 783 172 107	1 320 87 795	267 33 209	182 49 967	160 42 700	151 39 559	22 7 267	16 4 681	
Irrigated	farms acres	965 886 1 764	479 218 1 303	170 456 267	309 008 180	268 804 158	244 679 149	40 204 22	26 332 16	
Farms by acres harvested:										
1 to 24 acres	farms	792	682	91	13	13	13	—	6	
25 to 99 acres	farms	548	405	82	56	48	46	8	6	
100 to 499 acres	farms	369	208	84	74	67	64	7	6	
500 acres or more	farms	74	25	10	39	32	28	7	3	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**CROPS HARVESTED—Con.**

	Total	Individual or family	Partnership	Corporation				Other— cooper- ative, estate or trust, etc.		
				Total	Family held		Other than family held			
					Total	10 or less stockholders	Total	10 or less stockholders		
Alfalfa hay	farms	1 557	1 140	242	164	143	135	21	15	11
	acres	148 347	75 368	28 864	43 043	35 872	32 771	7 171	4 644	1 072
Irrigated	tons, dry	910 583	452 034	159 476	291 975	252 393	228 458	39 582	25 962	7 098
	acres	1 557	1 140	242	164	143	135	21	15	11
All vegetables harvested for sale (see text)	farms	432	307	53	67	54	49	13	8	5
	acres	68 754	10 176	7 540	51 009	36 374	26 973	14 635	7 565	30
Irrigated	farms	432	307	53	67	54	49	13	8	5
	acres	68 754	10 176	7 540	51 009	36 374	26 973	14 635	7 565	30
Farms by acres harvested:										
0.1 to 4.9 acres	farms	197	184	9	1	1	1	—	—	3
	acres	71	56	9	4	3	3	1	—	2
5.0 to 24.9 acres	farms	73	40	19	14	13	13	1	1	—
	acres	91	27	16	48	37	32	11	7	—
Land in orchards	farms	1 146	876	163	89	75	68	14	6	18
	acres	77 102	25 829	8 291	42 136	32 494	22 915	9 642	6 684	846
Irrigated	farms	1 146	876	163	89	75	68	14	6	18
	acres	77 102	25 829	8 291	42 136	32 494	22 915	9 642	6 684	846
Farms by acres in orchards:										
0.1 to 4.9 acres	farms	474	421	36	14	14	14	—	—	3
	acres	382	304	57	14	13	12	1	—	7
5.0 to 24.9 acres	farms	186	111	46	22	19	19	3	1	7
	acres	104	40	24	39	29	23	10	5	1

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

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

[Excludes abnormal farms; see text]

All Farms

Total farming and other occupations	Farming								
	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		
F FARMS AND LAND IN FARMS									
Forms -----	number	7 568	3 279	65	397	596	846	792	583
Land in farms -----	percent	100.0	43.3	0.8	5.2	7.8	11.1	10.4	7.7
Average size of farm -----	acres	17 580 539	12 907 803	56 130	876 154	3 087 276	2 733 666	3 174 441	2 980 136
Value of land and buildings-----	forms	2 323	3 937	864	2 207	5 180	3 231	4 008	5 112
Average per farm -----	dollars	\$1,000	5 535 286	4 232 780	41 056	467 902	664 529	1 176 262	796 533
Average per acre -----	dollars	731 406	1 296 013	707 854	1 093 229	1 094 775	1 393 675	1 437 159	1 386 589
Average per acre -----	dollars	317	329	785	524	216	435	361	248
Forms by value of land and buildings:									
\$1 to \$19,999 -----		587	98	—	5	28	34	20	11
\$20,000 to \$39,999 -----		869	234	23	16	35	45	51	64
\$40,000 to \$69,999 -----		958	222	9	22	27	60	59	45
\$70,000 to \$99,999 -----		805	183	—	7	44	55	40	37
\$100,000 to \$149,999 -----		720	237	3	60	30	41	54	49
\$150,000 to \$199,999 -----		445	176	1	28	45	32	42	28
\$200,000 to \$499,999 -----		1 333	677	14	92	133	164	162	112
\$500,000 to \$999,999 -----		770	562	4	95	116	148	147	52
\$1,000,000 or more -----		1 081	877	4	103	149	265	221	135
Owned and rented land by operator:									
Land owned -----	farms	6 557	2 777	41	291	459	734	705	547
Land owned -----	acres	5 898 899	4 039 475	(D)	(D)	447 754	889 979	1 323 772	1 039 392
Land rented or leased from others -----	farms	2 762	1 626	31	252	331	419	359	234
Land rented or leased to others -----	farms	12 288 704	9 083 166	46 672	570 107	2 651 909	1 867 496	1 924 269	2 022 713
Land rented or leased to others -----	acres	509	272	2	25	31	70	78	66
Land rented or leased to others -----	acres	607 064	214 838	(D)	(D)	12 387	23 809	73 600	81 969
LAND IN FARMS ACCORDING TO USE									
Total cropland -----	farms	5 454	2 530	58	309	452	704	608	399
Harvested cropland -----	acres	1 505 944	1 312 536	9 497	136 536	239 416	467 481	310 957	148 649
Harvested cropland -----	farms	3 934	2 160	34	246	395	620	541	324
Harvested cropland -----	acres	1 083 927	1 001 693	7 600	104 240	196 218	342 596	239 180	111 859
Farms by acres harvested:									
1 to 49 acres -----		2 100	604	10	50	77	138	170	159
50 to 99 acres -----		347	222	6	40	28	51	59	38
100 to 199 acres -----		325	247	7	28	53	76	57	26
200 to 499 acres -----		532	491	7	67	110	143	131	33
500 to 999 acres -----		371	350	3	35	87	129	59	37
1,000 to 1,999 acres -----		162	151	—	15	26	53	35	22
2,000 acres or more -----		97	95	1	11	14	30	30	9
Cropland:									
Pasture or grazing only -----	farms	2 065	666	24	78	100	181	146	137
Pasture or grazing only -----	acres	137 052	63 193	947	4 305	10 401	20 176	16 049	11 315
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	farms	108	53	—	4	11	20	10	8
Cover crops, legumes, and soil-improvement grasses not harvested or pastured -----	acres	3 643	2 851	—	163	489	792	882	525
On which all crops failed -----	farms	225	97	2	11	32	20	26	6
In cultivated summer fallow -----	farms	12 212	7 440	(D)	(D)	1 650	2 419	1 360	390
In cultivated summer fallow -----	acres	264	222	1	17	46	77	54	27
Idle -----	farms	95 380	92 372	(D)	(D)	7 707	51 018	14 204	11 523
Idle -----	acres	1 138	712	16	118	145	174	169	90
Idle -----	acres	173 730	144 987	869	18 368	22 951	50 480	39 282	13 037
Total woodland -----	farms	201	83	—	4	11	24	23	21
Woodland pastured -----	farms	101 843	75 426	—	3 975	3 931	15 365	50 491	1 664
Woodland pastured -----	acres	125	54	—	3	4	19	14	14
Woodland not pastured -----	farms	93 337	69 469	—	(D)	(D)	15 057	46 127	856
Woodland not pastured -----	acres	93	36	—	1	8	8	12	7
Pastureland and rangeland other than cropland and woodland pastured -----	farms	2 260	1 025	9	126	162	228	261	239
Pastureland and rangeland other than cropland and woodland pastured -----	acres	15 750 997	11 348 710	46 230	714 907	2 817 820	2 200 987	2 768 220	2 800 546
Land in house lots, ponds, roads, wasteland, etc. -----	farms	3 991	1 756	20	233	328	502	399	274
Land in house lots, ponds, roads, wasteland, etc. -----	acres	221 755	171 131	403	20 736	26 109	49 833	44 773	29 277
Pastureland, all types -----	farms	3 930	1 475	32	153	232	351	369	338
Irrigated land -----	farms	15 981 386	11 481 372	47 177	723 147	2 831 715	2 236 220	2 830 396	2 812 717
Harvested cropland irrigated -----	farms	4 809	2 398	35	300	427	678	582	376
Pastureland irrigated -----	farms	1 171 515	1 055 241	7 905	115 197	204 553	354 073	252 730	120 783
Other land irrigated -----	farms	3 870	2 139	32	244	391	616	534	322
Land set aside in the federal farm programs in 1978 -----	farms	58 881	26 830	124	3 627	4 688	5 676	9 446	3 269
Land set aside in the federal farm programs in 1978 -----	acres	381	237	4	70	42	47	49	25
RACE AND TENURE OF OPERATOR									
All operators -----	number	7 568	3 279	65	397	596	846	792	583
Full owners -----	number	4 826	1 665	34	145	267	429	438	352
Part owners -----	number	1 698	1 090	7	144	187	297	263	192
Tenants -----	number	1 044	524	24	108	142	120	91	39
White -----	number	7 150	3 105	64	345	575	807	752	562
Black and other races -----	number	4 573	1 606	34	143	262	412	419	336
Black and other races -----	number	1 588	1 004	7	98	179	282	249	189
Tenants -----	number	989	495	23	104	134	113	84	37
Tenants -----	number	418	174	1	52	21	39	40	21
Full owners -----	number	253	59	—	46	8	15	14	16
Part owners -----	number	110	86	—	4	8	7	7	3
Tenants -----	number	55	29	1	4	8	7	7	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**FARMS AND LAND IN FARMS**

	Total	Other occupations						65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
Farms	4 289	62	725	1 168	1 135	845	354	4.6
percent	56.6	0.8	9.5	15.4	14.9	11.1	539	519
acres	4 672 736	43 501	268 344	1 010 934	1 750 595	1 059 443	1 254	1 525
Average size of farm	1 089	702	370	866	1 542	824	380	
Value of land and buildings ¹	4 302	60	755	1 153	1 130	824	380	
\$1,000	1 302 506	8 992	95 200	283 059	406 984	324 438	183 833	
Average per farm	302 767	149 872	126 092	245 497	360 163	393 735	483 771	
dollars	282	241	334	289	234	305	360	
Average per acre								

Farms by value of land and buildings:

\$1 to \$19,999	489	12	229	63	68	91	26
\$20,000 to \$39,999	635	4	99	173	201	79	79
\$40,000 to \$69,999	736	10	111	187	203	167	58
\$70,000 to \$99,999	622	10	73	171	209	101	58
\$100,000 to \$149,999	483	6	77	170	108	87	35
\$150,000 to \$199,999	269	5	30	49	98	63	24
\$200,000 to \$499,999	656	10	114	238	116	124	54
\$500,000 to \$999,999	208	2	13	65	54	56	18
\$1,000,000 or more	204	1	9	37	73	56	28

Owned and rented land by operator:

Land owned	farms	3 780	33	456	1 105	1 052	797	337
acres	1 859 424	16 870	166 471	287 304	632 806	499 120	256 853	
Land rented or leased from others	farms	1 136	40	343	225	269	177	82
acres	3 205 538	31 924	213 718	770 787	1 227 495	618 010	343 604	
Land rented or leased to others	farms	237	3	37	35	66	66	30
acres	392 226	5 293	111 845	47 157	109 706	57 687	60 538	

LAND IN FARMS ACCORDING TO USE

Total cropland	farms	2 924	43	503	800	778	565	235
acres	193 408	4 232	18 691	43 271	53 152	44 529	29 533	
Harvested cropland	farms	1 774	31	203	479	523	375	163
acres	82 234	1 170	8 257	18 460	24 854	19 105	10 388	
Farms by acres harvested:								
1 to 49 acres		1 496	22	172	416	450	304	132
50 to 99 acres		125	6	15	24	29	35	16
100 to 199 acres		78	3	9	20	23	16	7
200 to 499 acres		41	—	5	12	9	11	4
500 to 999 acres		21	—	1	6	7	6	1
1,000 to 1,999 acres		11	—	1	1	5	2	2
2,000 acres or more		2	—	—	—	—	1	1
Cropland:								
Pasture or grazing only	farms	1 399	14	315	394	324	258	94
acres	73 859	(D)	(D)	18 974	17 468	18 184	10 575	
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	55	—	3	13	31	5	3
acres	792	—	21	240	286	65	180	
On which all crops failed	farms	128	—	9	68	38	10	3
acres	4 772	—	159	1 639	1 312	1 447	215	
In cultivated summer fallow	farms	42	4	4	8	11	10	5
acres	3 008	8	205	665	1 027	823	280	
Idle	farms	426	7	40	112	138	87	42
acres	28 743	624	3 821	3 293	8 205	4 905	7 895	
Total woodland	farms	118	1	11	24	39	26	17
acres	26 417	(D)	(D)	1 042	7 947	4 645	12 110	
Woodland pastured	farms	71	1	8	11	21	18	12
acres	23 868	(D)	(D)	677	7 222	4 055	11 583	
Woodland not pastured	farms	57	—	4	13	21	11	8
acres	2 549	—	342	365	725	590	527	
Pastureland and rangeland other than cropland and woodland pastured	farms	1 235	12	148	312	348	277	138
acres	4 402 287	39 044	245 300	960 438	1 671 447	995 404	490 654	
Land in house lots, ponds, roads, wasteland, etc.	farms	2 235	28	319	716	565	436	171
acres	50 624	(D)	(D)	6 183	18 049	14 865	7 622	
Pastureland, all types	farms	2 455	21	455	644	622	495	218
acres	4 500 014	41 476	251 857	980 089	1 696 137	1 017 643	512 812	
Irrigated land	farms	2 411	35	270	689	715	501	201
acres	116 274	1 621	10 079	32 311	34 210	25 920	12 133	
Harvested cropland irrigated	farms	1 731	31	192	465	512	373	158
acres	80 479	1 170	7 785	18 279	24 157	19 056	10 032	
Pastureland irrigated	farms	922	11	101	282	294	168	66
acres	32 051	451	1 716	12 944	9 449	5 600	1 891	
Other land irrigated	farms	144	—	13	58	38	28	7
acres	3 744	—	578	1 088	604	1 264	210	
Land set aside in the federal farm programs in 1978	farms	28	—	1	6	6	11	4
acres	2 012	—	(D)	(D)	1 193	217	395	

RACE AND TENURE OF OPERATOR

All operators	number	4 289	62	725	1 168	1 135	845	354
Full owners	number	3 161	23	383	943	868	671	273
Part owners	number	608	10	72	160	179	125	62
Tenants	number	520	29	270	65	88	49	19
White	number	4 045	58	682	1 113	1 075	781	336
Full owners	number	2 967	21	351	906	820	611	258
Part owners	number	584	10	68	152	173	122	59
Tenants	number	494	27	263	55	82	48	19
Black and other races	number	244	4	43	55	60	64	18
Full owners	number	194	2	32	37	48	60	15
Part owners	number	24	—	4	8	6	3	3
Tenants	number	26	2	7	10	6	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	Total	Farming						65 years and over	
			Age of operator							
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
F FARMS BY TYPE OF ORGANIZATION										
Individual or family	farms	5 917	2 209	56	260	391	567	508	427	
acres		8 027 280	5 534 577	27 503	450 214	882 083	1 122 521	1 647 601	1 404 655	
Partnership	farms	942	535	7	83	108	125	130	82	
acres		3 333 150	2 538 767	(D)	(D)	508 133	534 202	707 051	626 306	
Corporations:										
Family held	farms	525	412	2	35	72	120	121	62	
acres		4 758 140	4 178 429	(D)	(D)	1 671 997	906 599	539 344	872 721	
More than 10 stockholders	farms	26	23	1	5	5	7	5		
10 or less stockholders	farms	499	389	2	34	67	115	114	57	
Other than family held	farms	114	90	—	12	22	27	25	4	
acres		1 179 037	480 730	—	86 629	21 153	162 153	205 947	4 848	
More than 10 stockholders	farms	34	24	1	5	9	8	1		
10 or less stockholders	farms	80	66	—	11	17	18	17	3	
Other—cooperative, estate or trust, etc.	farms	70	33	—	7	3	7	8	8	
acres		282 932	175 300	—	17 095	3 910	8 191	74 498	71 606	
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		4 992	2 079	39	263	362	514	486	415	
Not on farm operated		1 936	930	23	111	187	259	239	111	
Operators by age group:										
Under 25 years		127	65	65	—	—	—	—	—	
25 to 34 years		1 122	397	—	397	—	—	—	—	
35 to 44 years		1 764	596	—	—	596	—	—	—	
45 to 54 years		1 981	846	—	—	846	—	—	—	
55 to 64 years		1 637	792	—	—	—	—	792	—	
65 years and over		937	583	—	—	—	—	—	583	
Average age		48.5	50.8	21.7	29.5	39.5	49.6	59.0	70.5	
Operators by sex:										
Male		7 102	3 098	61	374	560	804	763	536	
Female		466	181	4	23	36	42	29	47	
Operators of Spanish origin		590	168	2	14	41	49	37	25	
Operators by principal occupation:										
Farming		3 279	3 279	65	397	596	846	792	583	
Other		4 289	—	—	—	—	—	—	—	
Operators reporting days of work off farm:										
None		2 810	2 220	25	254	361	579	560	441	
1 to 99 days		588	380	11	55	86	86	89	53	
100 to 199 days		572	190	5	23	39	73	37	13	
200 days or more		3 384	275	22	46	64	66	51	26	
F FARMS BY SIZE										
1 to 9 acres		1 830	340	7	33	77	76	63	84	
10 to 49 acres		1 751	503	29	51	79	134	108	102	
50 to 69 acres		213	95	3	11	14	19	28	20	
70 to 99 acres		386	164	3	23	24	41	49	24	
100 to 139 acres		291	116	1	12	18	32	29	24	
140 to 179 acres		264	148	5	32	19	27	44	21	
180 to 219 acres		145	77	2	7	17	13	24	14	
220 to 259 acres		145	87	1	7	18	22	30	9	
260 to 499 acres		565	361	5	53	76	86	104	37	
500 to 999 acres		645	471	3	42	118	156	93	59	
1,000 to 1,999 acres		472	353	2	82	51	92	71	55	
2,000 acres or more		861	564	4	44	85	148	149	134	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)										
Cash grain farms (011)		141	106	5	13	28	30	21	9	
Field crop, except cash grain farms (013)		1 592	1 143	19	158	233	331	271	131	
Cotton farms (0131)		1 035	899	14	128	190	267	208	92	
Tobacco farms (0132)		—	—	—	—	—	—	—	—	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		557	244	5	30	43	64	63	39	
Vegetable and melon farms (016)		192	137	4	9	21	40	39	24	
Fruit and tree nut farms (017)		671	207	1	10	25	54	63	54	
Horticultural specialty farms (018)		153	77	3	9	14	21	25	5	
General farms, primarily crop (019)		124	87	—	12	15	29	17	14	
Livestock farms, except dairy, poultry, and animal specialty (021)		3 618	1 212	27	143	178	259	291	314	
Beef cattle farms, except feedlots (0212)		2 631	990	23	101	140	197	239	290	
Dairy farms (024)		183	146	4	28	40	35	30	9	
Poultry and egg farms (025)		74	24	1	1	4	10	6	2	
Animal specialty farms (027)		667	127	1	14	36	35	25	16	
General farms, primarily livestock (029)		153	13	—	—	2	2	4	5	
VALUE OF AGRICULTURAL PRODUCTS SOLD										
Market value of agricultural products sold	farms	7 568	3 279	65	397	596	846	792	583	
\$1,000		1 287 593	1 044 709	8 005	77 156	205 938	282 961	368 644	102 005	
Farms by value of agricultural products sold:										
\$500,000 or more		464	419	1	41	87	126	118	46	
\$200,000 to \$499,999		549	500	4	58	100	188	109	41	
\$100,000 to \$199,999		505	423	6	59	97	106	101	54	
\$40,000 to \$99,999		681	508	13	69	113	117	135	61	
\$20,000 to \$39,999		585	333	12	34	46	81	100	60	
\$10,000 to \$19,999		628	247	7	24	35	43	66	72	
\$5,000 to \$9,999		690	209	3	20	30	42	41	73	
\$2,500 to \$4,999		880	240	1	64	32	32	46	65	
Less than \$2,500		2 586	400	18	28	56	111	78	111	

See footnote at end of table.

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

(Excludes abnormal farms; see text)							
All Farms	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms 2 492 703	47	636	1 051	971	708	295
acres	407	28 626	151 695	464 298	777 050	791 775	279 259
Partnership	farms 794 383	15	66	86	106	94	40
acres	14 875	24 355	141 235	293 104	125 650	195 164	
Corporations:							
Family held	farms 579 711	—	16	22	35	25	15
More than 10 stockholders	3	—	91 564	154 253	172 595	97 127	64 172
10 or less stockholders	farms 110	—	16	21	34	25	14
Other than family held	farms 698 307	24	—	2	3	10	8
acres	10	—	(D)	176 001	482 016	39 399	(D)
More than 10 stockholders	farms 14	—	—	2	5	3	—
10 or less stockholders	farms 37	—	5	6	13	10	3
Other—cooperative, estate or trust, etc.	farms 107 632	—	(D)	75 147	25 830	5 492	(D)
acres							
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 913	33	572	851	745	492	220
Not on farm operated	1 006	25	112	201	311	253	104
Operators by age group:							
Under 25 years	62	62	—	—	—	—	—
25 to 34 years	725	—	725	—	—	—	—
35 to 44 years	1 168	—	—	1 168	—	—	—
45 to 54 years	1 135	—	—	—	1 135	—	—
55 to 64 years	845	—	—	—	—	845	—
65 years and over	354	—	—	—	—	—	354
Average age	46.7	22.3	30.5	39.6	49.3	59.0	70.6
Operators by sex:							
Male	4 004	53	706	1 100	1 052	785	308
Female	285	9	19	68	83	60	46
Operators of Spanish origin	422	7	217	55	71	52	20
Operators by principal occupation:							
Farming	—	—	—	—	—	—	—
Other	4 289	62	725	1 168	1 135	845	354
Operators reporting days of work off farm:							
None	590	6	59	89	114	137	185
1 to 99 days	208	9	22	70	44	32	31
100 to 199 days	382	14	54	93	119	78	24
200 days or more	3 109	33	590	916	858	598	114
F FARMS BY SIZE							
1 to 9 acres	1 490	22	398	491	325	190	64
10 to 49 acres	1 248	16	195	288	411	249	89
50 to 69 acres	118	1	15	26	35	33	8
70 to 99 acres	222	6	25	76	41	54	20
100 to 139 acres	175	1	14	63	38	32	27
140 to 179 acres	116	2	13	23	30	38	10
180 to 219 acres	68	—	8	10	16	15	19
220 to 259 acres	58	—	6	9	19	11	13
260 to 499 acres	204	8	16	52	54	48	26
500 to 999 acres	174	2	8	58	40	44	22
1,000 to 1,999 acres	119	—	6	24	33	42	14
2,000 acres or more	297	4	21	48	93	89	42
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	35	2	5	8	10	6	4
Field crop, except cash grain farms (013)	449	19	72	98	158	74	28
Cotton farms (0131)	136	12	22	26	40	27	9
Tobacco farms (0132)	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	313	7	50	72	118	47	19
Vegetable and melon farms (016)	55	—	6	22	15	5	7
Fruit and tree nut farms (017)	464	6	43	66	149	135	65
Horticultural specialty farms (018)	76	—	19	28	16	9	4
General farms, primarily crop (019)	37	—	2	9	9	13	4
Livestock farms, except dairy, poultry, and animal specialty (021)	2 406	25	412	681	576	510	202
Beef cattle farms, except feedlots (0212)	1 641	14	156	413	454	421	183
Dairy farms (024)	37	1	6	6	9	12	3
Poultry and egg farms (025)	50	—	10	11	9	7	13
Animal specialty farms (027)	540	9	137	168	142	63	21
General farms, primarily livestock (029)	140	—	13	71	42	11	3
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	farms \$1,000	4 289	62	725	1 168	1 135	845
Forms by value of agricultural products sold	\$242 884	772	75 799	21 389	102 162	27 303	15 460
\$500,000 or more	45	—	7	5	18	9	6
\$200,000 to \$499,999	49	—	6	11	15	12	5
\$100,000 to \$199,999	82	1	7	16	20	21	17
\$40,000 to \$99,999	173	4	16	35	51	49	18
\$20,000 to \$39,999	252	5	24	47	83	72	21
\$10,000 to \$19,999	381	7	51	101	98	94	30
\$5,000 to \$9,999	481	9	56	110	143	112	51
\$2,500 to \$4,999	640	9	86	210	158	134	43
Less than \$2,500	2 186	27	472	633	549	342	163

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

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

Market value of agricultural products sold—Con.

	Total farming and other occupations	Forming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
GRAIN										
Grain	farms	796	699	13	79	145	227	153	82	
Sales of \$40,000 or more	farms	39 481	37 895	325	2 643	6 613	16 399	7 425	4 490	
Commodity Credit Corporation loans	farms	255	245	2	24	46	93	52	28	
Cotton and cottonseed	farms	31 738	30 713	(D)	(D)	4 925	14 276	5 826	3 715	
Sales of \$40,000 or more	farms	78	73	1	1	19	23	20	9	
Commodity Credit Corporation loans	farms	722	676	(D)	(D)	(D)	159	97	134	
Sales of \$40,000 or more	farms	1 281	1 126	17	150	235	347	260	117	
Commodity Credit Corporation loans	farms	335 151	317 528	1 624	35 378	76 400	100 604	67 988	35 534	
Sales of \$40,000 or more	farms	990	920	9	114	198	305	210	84	
Tobacco	farms	329 363	313 043	1 454	34 520	75 642	99 522	66 875	35 029	
Sales of \$40,000 or more	farms	80	74	1	11	16	22	18	6	
Field seeds, hay, forage, and silage	farms	2 792	2 584	(D)	(D)	925	862	217	162	
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	—	
Vegetables, sweet corn, and melons	farms	1 219	780	13	103	140	223	199	102	
Sales of \$40,000 or more	farms	49 378	45 429	264	3 903	8 098	17 081	11 513	4 571	
Fruits, nuts, and berries	farms	40 637	38 892	182	2 953	6 887	15 260	9 921	3 689	
Sales of \$40,000 or more	farms	121 079	119 317	4 448	1 960	10 196	38 797	51 228	12 688	
Other crops	farms	119 377	118 053	(D)	(D)	9 995	38 478	50 891	12 524	
Poultry and poultry products	farms	661	271	1	20	33	60	89	68	
Sales of \$40,000 or more	farms	68 848	59 603	(D)	(D)	6 379	9 437	22 947	10 767	
Dairy products	farms	125	85	—	8	7	25	34	11	
Sales of \$40,000 or more	farms	64 479	57 693	—	9 986	6 172	9 051	22 225	10 260	
Cattle and calves	farms	17 736	14 706	82	2 025	2 837	3 568	5 581	613	
Sales of \$40,000 or more	farms	16 750	14 138	—	1 962	2 710	3 504	5 374	587	
Hogs and pigs	farms	18 127	18 026	(D)	(D)	1 682	4 178	8 895	2 858	
Sales of \$40,000 or more	farms	67	66	—	2	13	23	19	9	
Sheep, lambs, and wool	farms	17 604	(D)	—	(D)	(D)	4 072	8 752	2 800	
Other livestock and livestock products (see text)	farms	822	167	4	19	35	62	27	20	
Sales of \$40,000 or more	farms	19 146	15 649	320	1 640	4 174	7 025	2 432	59	
Commercially mixed formula feeds	farms	17 646	15 263	320	1 571	4 117	6 930	2 325	—	
Farms by tons purchased	farms	10 226	8 475	—	328	1 104	1 675	4 105	1 262	
Sales of \$40,000 or more	farms	9 709	8 324	—	(D)	(D)	1 656	4 040	1 242	
Farms with expenses of—	farms	1 321	361	21	34	74	88	78	66	
\$1 to \$4,999	farms	11 429	2 819	23	557	522	766	793	158	
\$5,000 to \$19,999	farms	31	19	—	4	3	7	5	—	
\$20,000 to \$49,999	farms	8 255	1 668	—	434	231	458	546	—	
SELECTED FARM PRODUCTION EXPENSES¹										
Livestock and poultry purchased	farms	3 243	1 105	25	164	196	288	226	206	
Farms with expenses of—	farms	258 712	172 224	269	3 373	19 946	27 125	108 085	13 426	
\$1 to \$4,999	farms	2 475	600	5	85	87	168	116	139	
\$5,000 to \$19,999	farms	350	209	17	46	45	33	32	36	
\$20,000 to \$49,999	farms	124	76	2	13	12	21	17	11	
\$50,000 or more	farms	294	220	1	20	52	66	61	20	
Feed for livestock and poultry	farms	4 954	1 723	27	227	301	432	383	353	
Farms with expenses of—	farms	216 287	151 827	541	8 318	33 000	33 935	68 249	7 784	
\$1 to \$4,999	farms	4 069	1 113	20	139	178	276	231	269	
\$5,000 to \$19,999	farms	448	252	1	37	39	68	56	51	
\$20,000 to \$49,999	farms	121	91	—	9	14	32	30	6	
\$50,000 or more	farms	316	267	6	42	70	56	66	27	
Commercially mixed formula feeds	farms	2 105	711	24	146	123	159	136	123	
Farms with expenses of—	farms	379 835	287 752	908	24 749	121 411	47 290	54 755	38 639	
\$1 to \$4,999	farms	53 938	41 017	167	3 518	17 372	6 944	8 528	4 489	
Farms by tons purchased:	farms	1 867	517	22	114	68	119	87	107	
1 to 99 tons	farms	103	82	2	15	19	16	23	7	
100 to 499 tons	farms	135	112	—	17	36	24	26	9	
500 tons or more	farms	1 753	433	17	101	61	90	70	94	
Farms with expenses of—	farms	123	88	5	14	8	27	20	14	
\$1 to \$4,999	farms	66	54	1	11	10	14	14	4	
\$5,000 to \$19,999	farms	163	136	1	20	44	28	32	11	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

Market value of agricultural products sold—Con.

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Grain	97	2	13	22	24	26	10
\$1,000	1 586	(D)	(D)	422	643	303	113
Sales of \$40,000 or more	10	—	—	4	3	3	—
\$1,000	1 025	—	—	331	538	157	—
Commodity Credit Corporation loans	5	—	3	—	—	1	1
\$1,000	46	—	(D)	—	—	(D)	(D)
Cotton and cottonseed	155	12	25	30	47	30	11
\$1,000	17 624	517	1 181	4 351	5 333	3 932	2 311
Sales of \$40,000 or more	70	5	8	15	20	14	8
\$1,000	16 320	440	960	4 042	4 992	3 602	2 284
Commodity Credit Corporation loans	6	—	1	1	3	1	—
\$1,000	208	—	(D)	(D)	122	(D)	—
Tobacco	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	439	9	69	112	149	73	27
\$1,000	3 949	24	366	819	1 643	959	137
Sales of \$40,000 or more	16	—	1	4	7	4	—
\$1,000	1 745	—	(D)	(D)	844	571	—
Vegetables, sweet corn, and melons	179	—	13	100	44	10	12
\$1,000	1 762	—	52	478	522	360	350
Sales of \$40,000 or more	10	—	—	2	2	4	2
\$1,000	1 324	—	(D)	(D)	292	(D)	—
Fruits, nuts, and berries	390	3	42	52	115	131	47
\$1,000	9 245	11	2 341	582	1 691	2 413	2 207
Sales of \$40,000 or more	40	—	2	4	12	14	8
\$1,000	6 785	—	(D)	(D)	1 040	1 388	1 992
Nursery and greenhouse products	82	—	19	30	20	9	4
\$1,000	3 030	—	850	997	882	254	47
Sales of \$40,000 or more	21	—	8	8	2	2	1
\$1,000	2 612	—	792	787	(D)	(D)	(D)
Other crops	10	—	7	—	—	3	—
\$1,000	101	—	70	—	—	30	—
Sales of \$40,000 or more	1	—	1	—	—	—	—
\$1,000	(D)	—	(D)	—	—	—	—
Poultry and poultry products	298	5	34	122	80	40	17
\$1,000	1 640	2	7	737	865	19	10
Sales of \$40,000 or more	3	—	—	2	1	—	—
\$1,000	1 554	—	—	(D)	(D)	—	—
Dairy products	75	1	8	22	24	17	3
\$1,000	12 637	(D)	(D)	515	8 142	1 666	955
Sales of \$40,000 or more	18	—	4	2	6	3	3
\$1,000	12 469	—	(D)	(D)	8 074	1 625	955
Cattle and calves	2 243	22	218	703	583	494	223
\$1,000	177 453	152	61 850	10 649	79 261	16 729	8 812
Sales of \$40,000 or more	155	—	7	24	49	51	24
\$1,000	166 735	—	60 826	8 177	76 242	13 864	7 626
Hogs and pigs	655	9	241	228	101	62	14
\$1,000	3 497	7	1 082	375	1 894	80	59
Sales of \$40,000 or more	7	—	2	—	5	—	—
\$1,000	2 383	—	(D)	(D)	(D)	—	—
Sheep, lambs, and wool	217	2	31	83	54	38	9
\$1,000	1 751	(D)	(D)	661	417	230	4
Sales of \$40,000 or more	6	—	2	2	1	—	—
\$1,000	1 385	—	(D)	(D)	(D)	(D)	—
Other livestock and livestock products (see text)	960	12	188	355	236	125	44
\$1,000	8 610	22	6 133	803	870	327	455
Sales of \$40,000 or more	12	—	3	3	4	—	2
\$1,000	6 586	—	5 740	148	(D)	—	(D)
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	farms	2 138	19	492	631	497	361
\$1,000	86 488	28	32 245	4 497	39 628	5 169	4 922
Farms with expenses of—							
\$1 to \$4,999		1875	19	462	576	399	319
\$5,000 to \$19,999		141	—	19	36	53	17
\$20,000 to \$49,999		48	—	2	7	16	8
\$50,000 or more		74	—	9	12	29	10
Feed for livestock and poultry	farms	3 231	32	604	911	865	585
\$1,000	64 460	20	16 386	3 030	38 181	4 378	2 465
Farms with expenses of—							
\$1 to \$4,999		2 956	32	582	808	792	537
\$5,000 to \$19,999		196	—	10	85	48	32
\$20,000 to \$49,999		30	—	2	12	4	8
\$50,000 or more		49	—	10	6	21	8
Commercially mixed formula feeds	farms	1 394	9	336	425	358	179
tons	92 083	89	37 802	9 760	36 102	5 480	2 850
\$1,000	12 921	7	5 208	1 259	5 126	856	464
Farms by tons purchased:							
1 to 99 tons		1 350	9	328	416	338	174
100 to 499 tons		21	—	2	6	10	2
500 tons or more		23	—	6	3	10	3
Farms with expenses of—							
\$1 to \$4,999		1 320	9	327	405	333	164
\$5,000 to \$19,999		35	—	1	15	7	11
\$20,000 to \$49,999		12	—	2	2	5	1
\$50,000 or more		27	—	6	3	13	2

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total farming and other occupations	Farming							
		Total	Age of operator					65 years and over	
			Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
SELECTED FARM PRODUCTION EXPENSES¹—Con.									
Animal health costs	farms \$1,000	3 979	1 516	26	215	278	371	322	304
Farms with expenses of—		6 460	4 236	18	294	995	952	1 720	256
\$1 to \$499		3 109	978	18	141	145	236	201	237
\$500 to \$999		323	175	3	17	42	41	36	36
\$1,000 to \$2,999		303	169	4	31	40	44	36	14
\$3,000 or more		244	194	1	26	51	50	49	17
Seeds, bulbs, plants, and trees	farms \$1,000	2 937	1 820	20	287	347	555	410	201
Farms with expenses of—		11 866	10 962	173	1 377	1 809	3 833	2 620	1 150
\$1 to \$999		1 522	564	8	73	112	156	112	103
\$1,000 to \$4,999		832	704	11	139	136	196	169	53
\$5,000 to \$9,999		324	303	—	39	54	117	75	18
\$10,000 or more		259	249	1	36	45	86	54	27
Commercial fertilizer	farms \$1,000	3 313	1 952	31	291	392	539	474	225
Farms with expenses of—		44 289	41 860	305	3 941	7 646	13 722	11 640	4 607
\$1 to \$2,499		1 814	624	24	96	117	115	156	116
\$2,500 to \$9,999		589	470	2	86	87	140	122	33
\$10,000 to \$19,999		392	364	2	56	87	113	81	25
\$20,000 or more		518	494	3	53	101	171	115	51
Other agricultural chemicals including lime	farms \$1,000	3 034	1 895	27	252	374	551	464	227
Farms with expenses of—		45 291	42 834	140	4 623	9 236	12 383	11 430	5 020
\$1 to \$2,499		1 809	820	21	78	158	206	219	138
\$2,500 to \$9,999		482	368	2	73	77	110	88	18
\$10,000 to \$19,999		282	265	1	40	61	94	51	18
\$20,000 or more		461	442	3	61	78	141	106	53
Energy and petroleum products	farms \$1,000	7 507	3 252	53	428	603	844	791	533
Farms with expenses of—		72 617	65 259	300	8 342	12 563	19 640	16 288	8 125
\$1 to \$2,499		5 172	1 319	33	167	196	282	303	338
\$2,500 to \$9,999		1 125	827	16	111	158	202	241	99
\$10,000 to \$19,999		398	358	1	55	86	109	78	29
\$20,000 or more		812	748	3	95	163	251	169	67
Petroleum products	farms \$1,000	7 481	3 251	53	428	603	844	790	533
Gasoline	farms \$1,000	39 471	34 891	204	4 059	6 327	11 247	8 425	4 629
Diesel fuel	farms \$1,000	7 137	3 115	53	426	559	814	745	518
LP gas, butane, and propane	farms \$1,000	13 095	10 826	74	1 271	1 969	3 542	2 824	1 146
Fuel oil	farms \$1,000	2 789	1 911	29	262	387	552	482	199
Natural gas	farms \$1,000	12 080	11 264	107	1 399	1 941	3 862	2 752	1 203
Kerosene, motor oil, and grease	farms \$1,000	1 795	1 197	4	141	261	343	301	147
Electricity	farms \$1,000	2 604	2 202	12	208	408	759	592	224
Other—coal, wood, coke, etc.	farms \$1,000	242	152	5	10	33	36	52	16
Hired farm labor	farms \$1,000	3 491	2 128	28	254	423	584	541	298
Farms with expenses of—		125 966	114 950	3 251	9 929	20 502	38 776	30 110	12 383
\$1 to \$4,999		1 762	629	20	67	117	140	163	122
\$5,000 to \$19,999		680	554	1	83	103	128	159	80
\$20,000 to \$49,999		557	496	5	56	119	162	110	44
\$50,000 or more		492	449	2	48	84	154	109	52
Workers by number of days worked:									
150 days or more	farms workers	2 099	1 673	12	202	331	482	442	204
Less than 150 days	farms workers	18 335	16 933	327	2 047	2 275	4 569	6 607	1 108
Contract labor	farms \$1,000	1 337	861	7	147	195	210	203	99
Farms with expenses of—		29 021	26 160	75	1 488	4 795	5 440	12 708	1 654
\$1 to \$2,499		570	271	3	46	52	54	69	47
\$2,500 to \$9,999		430	304	2	76	82	66	54	24
\$10,000 to \$19,999		155	133	1	10	33	42	35	12
\$20,000 or more		182	153	1	15	28	48	45	16
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	2 488	1 389	19	186	275	385	350	174
Farms with expenses of—		34 002	30 570	162	2 119	6 498	8 475	9 373	3 945
\$1 to \$2,499		1 414	521	10	70	99	130	126	86
\$2,500 to \$9,999		496	363	6	71	84	94	77	31
\$10,000 to \$19,999		234	200	1	16	35	67	63	18
\$20,000 or more		344	305	2	29	57	94	84	39
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms \$1,000	539	381	8	90	88	85	80	30
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	7 379	7 070	28	1 095	1 446	1 951	2 127	420
		694	246	6	21	42	49	65	63
		3 071	2 349	3	980	415	507	305	139

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
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs	forms \$1,000	2 463	21	485	697	676	422
		2 224	3	704	249	1 063	134
Farms with expenses of—							
\$1 to \$499		2 131	21	415	636	576	357
\$500 to \$999		148	—	18	28	40	40
\$1,000 to \$2,999		134	—	36	25	43	20
\$3,000 or more		50	—	16	8	17	5
Seeds, bulbs, plants, and trees	forms \$1,000	1 117	15	166	399	249	227
		904	3	101	292	307	139
Farms with expenses of—							
\$1 to \$999		958	15	152	325	221	197
\$1,000 to \$4,999		128	—	7	64	20	28
\$5,000 to \$9,999		21	—	6	8	4	1
\$10,000 or more		10	—	1	2	4	2
Commercial fertilizer	forms \$1,000	1 361	21	165	371	346	329
		2 429	18	241	529	623	702
Farms with expenses of—							
\$1 to \$2,499		1 190	21	147	332	303	278
\$2,500 to \$9,999		119	—	14	25	32	34
\$10,000 to \$19,999		28	—	2	9	4	10
\$20,000 or more		24	—	2	5	7	3
Other agricultural chemicals including lime	forms \$1,000	1 139	17	168	251	333	274
		2 457	24	202	422	624	700
Farms with expenses of—							
\$1 to \$2,499		989	12	160	211	304	224
\$2,500 to \$9,999		114	5	4	31	21	42
\$10,000 to \$19,999		17	—	3	7	2	4
\$20,000 or more		19	—	1	2	6	1
Energy and petroleum products	forms \$1,000	4 255	60	749	1 144	1 120	818
		7 359	41	780	1 573	2 158	1 823
Farms with expenses of—							
\$1 to \$2,499		3 853	60	717	1 031	997	719
\$2,500 to \$9,999		298	—	23	88	94	70
\$10,000 to \$19,999		40	—	1	10	15	11
\$20,000 or more		64	—	8	15	14	9
Petroleum products	forms \$1,000	4 230	60	749	1 138	1 116	809
		4 579	27	520	970	1 316	1 103
Gasoline	forms \$1,000	4 022	60	730	1 043	1 088	779
		2 268	18	330	441	663	539
Diesel fuel	forms \$1,000	878	16	91	301	237	164
		816	6	93	265	212	178
LP gas, butane, and propane	forms \$1,000	598	7	58	192	144	140
		402	(Z)	40	128	128	76
Fuel oil	forms \$1,000	90	—	6	5	17	34
		26	—	6	1	6	7
Natural gas	forms \$1,000	117	—	17	29	22	21
		698	—	9	53	210	200
Kerosene, motor oil, and grease	forms \$1,000	4 230	60	749	1 138	1 116	809
		369	3	43	82	96	104
Electricity	forms \$1,000	2 234	21	449	631	539	426
		2 713	14	253	568	836	706
Other—coal, wood, coke, etc.	forms \$1,000	180	—	25	69	29	42
		67	—	7	35	7	14
Hired farm labor	forms \$1,000	1 363	21	181	368	368	292
		11 016	35	1 270	1 621	4 387	2 384
Farms with expenses of—							
\$1 to \$4,999		1 133	21	165	320	304	219
\$5,000 to \$19,999		126	—	7	28	36	39
\$20,000 to \$49,999		61	—	3	12	14	25
\$50,000 or more		43	—	6	8	14	9
Workers by number of days worked:							
150 days or more	forms workers	426	16	33	69	122	123
		1 402	16	138	204	520	330
Less than 150 days	forms workers	1 156	21	157	333	318	232
		5 129	256	413	1 352	1 249	1 471
Contract labor	forms \$1,000	476	17	54	112	141	105
		2 862	21	834	280	448	687
Farms with expenses of—							
\$1 to \$2,499		299	12	37	97	89	39
\$2,500 to \$9,999		126	5	10	11	40	45
\$10,000 to \$19,999		22	—	3	2	9	8
\$20,000 or more		29	—	4	2	3	7
Customwork, machine hire, and rental of machinery and equipment	forms \$1,000	1 099	17	160	315	251	247
		3 432	22	415	637	849	1 200
Farms with expenses of—							
\$1 to \$2,499		893	17	150	254	204	174
\$2,500 to \$9,999		133	—	8	35	37	47
\$10,000 to \$19,999		34	—	—	21	4	4
\$20,000 or more		39	—	2	5	6	22
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	forms \$1,000	158	4	23	80	30	18
		309	12	41	74	142	38
Value of agricultural products sold directly to individuals for human consumption	forms \$1,000	448	6	44	196	106	68
		722	4	60	388	125	108

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Total farming and other occupations	Farming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
VALUE OF MACHINERY AND EQUIPMENT¹										
Estimated market value of all machinery and equipment forms \$1,000	7 519 342 000	3 246 277 513	3 53 3 365	428 29 251	601 63 884	844 88 776	787 69 744	533 22 493		
Farms by value group:										
\$1 to \$4,999	1 515	311	18	19	34	82	47	111		
\$5,000 to \$9,999	2 219	507	2	65	56	127	132	125		
\$10,000 to \$19,999	1 090	461	7	81	68	74	119	112		
\$20,000 to \$49,999	1 189	674	9	89	160	131	194	91		
\$50,000 to \$99,999	550	431	11	67	97	136	97	23		
\$100,000 to \$199,999	514	464	3	77	95	157	97	35		
\$200,000 to \$499,999	368	328	2	26	77	112	78	33		
\$500,000 or more	74	70	1	4	14	25	23	3		
SELECTED MACHINERY AND EQUIPMENT¹										
Automobiles forms	3 387	1 684	21	215	316	415	415	302		
number	5 245	2 799	30	402	526	697	680	464		
Motortrucks, including pickups forms	6 651	2 953	47	375	556	800	711	464		
number	15 396	9 478	124	1 007	1 741	2 902	2 445	1 259		
Wheel tractors forms	4 730	2 493	32	365	476	685	611	324		
number	12 251	8 817	109	1 080	1 485	2 778	2 372	993		
2 or 3 forms	1 372	828	18	117	164	227	186	116		
number	3 240	1 991	48	282	379	557	449	276		
4 or more forms	984	877	9	100	154	296	226	92		
number	6 637	6 038	56	650	948	2 059	1 724	601		
Grain and bean combines, self-propelled only forms	372	305	2	56	67	89	77	14		
number	508	409	(D)	(D)	83	127	105	27		
Cornpickers, corn heads, and picker-shellers forms	78	62	1	19	11	22	8	1		
number	92	75	(D)	(D)	15	26	9	(D)		
Corn heads for combines forms	61	45	1	13	10	14	6	1		
number	69	52	(D)	(D)	12	17	(D)	(D)		
Other cornpickers and picker-shellers forms	20	20	—	6	2	9	2	1		
number	23	23	—	(D)	(D)	9	(D)	(D)		
Cottonpickers forms	813	764	3	114	162	260	168	57		
number	1 760	1 646	3	212	331	568	398	134		
Mower conditioners forms	743	479	5	65	81	134	149	45		
Pickup balers forms	832	544	10	74	89	151	168	52		
Field forage harvesters, shear bar or flywheel type forms	831	532	5	65	84	181	147	50		
number	1 030	706	20	94	112	233	186	61		
number	291	171	1	36	36	41	38	19		
number	336	206	(D)	(D)	47	51	45	21		
AGRICULTURAL CHEMICALS¹										
Agricultural chemicals, including commercial fertilizer and lime forms	3 983	2 250	35	320	437	616	552	290		
\$1,000	89 580	84 694	445	8 565	16 882	26 105	23 071	9 627		
Commercial fertilizer forms	3 143	1 909	31	291	380	535	462	210		
Lime acres on which used	1 018 796	952 444	5 121	111 008	181 895	325 619	229 358	99 443		
Sprays, dusts, granules, fumigants, etc. to control— Insects on hay and other crops forms	1 887	1 377	22	206	248	432	346	123		
acres on which used	748 491	704 431	2 516	81 473	132 743	246 384	177 723	63 592		
Nematodes in crops forms	218	123	7	16	17	32	41	10		
acres on which used	52 316	49 898	265	4 071	23 533	5 483	11 717	4 829		
Diseases in crops and orchards forms	388	189	1	19	42	49	44	34		
acres on which used	91 518	84 960	(D)	10 248	26 888	16 991	24 364	(D)		
Weeds, grass, or brush in crops and pasture forms	1 601	1 050	6	156	218	331	239	100		
acres on which used	621 202	558 870	3 270	67 767	113 769	184 009	109 898	80 157		
Chemicals for— Defoliation or for growth control of crops, or thinning of fruit forms	1 028	789	8	123	154	257	185	62		
acres on which used	420 634	395 716	1 120	48 861	87 301	128 493	86 879	43 062		
Insect control on livestock and poultry forms	985	506	6	67	101	137	102	93		
Sanitation and rodent and bird control forms	344	184	—	21	35	61	34	33		
LIVESTOCK										
Cattle and calves inventory forms	3 996	1 534	30	136	259	382	376	351		
number	1 152 695	797 140	2 109	38 736	148 814	171 638	332 141	103 702		
Farms with— 1 to 9	1 144	237	2	19	36	86	50	44		
10 to 49	1 338	361	19	26	45	71	85	115		
50 to 99	377	152	2	20	19	32	31	48		
100 to 199	331	188	6	15	31	40	50	46		
200 to 499	407	287	—	35	57	78	67	50		
500 or more	399	309	1	21	71	75	93	48		
Cows and heifers that had calved forms	3 143	1 250	12	111	205	316	309	297		
number	325 105	225 870	1 185	22 512	53 229	50 443	60 550	37 951		
Beef cows forms	2 667	1 030	8	74	161	256	261	270		
number	253 923	164 521	489	14 437	27 346	37 023	49 401	35 825		
Farms with— 1 to 9	994	213	1	15	33	67	42	55		
10 to 49	756	242	2	16	30	47	67	80		
50 to 99	264	131	3	11	22	30	25	40		
100 to 199	249	157	2	10	24	45	39	37		
200 to 499	298	208	—	14	40	51	60	43		
500 or more	106	79	—	8	12	16	28	15		

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Other occupations							
	Total	Age of operator						
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms-\$1,000	4 273	60	750	1 152	1 129	814	368
Farms by value group:		64 487	1 214	8 644	14 842	16 835	16 202	6 751
\$1 to \$4,999		1 204	—	348	293	286	183	94
\$5,000 to \$9,999		1 712	24	229	452	509	328	170
\$10,000 to \$19,999		629	17	64	204	159	148	37
\$20,000 to \$49,999		515	9	84	146	142	101	33
\$50,000 to \$99,999		119	10	14	44	11	18	22
\$100,000 to \$199,999		50	—	7	8	12	18	5
\$200,000 to \$499,999		40	—	3	5	8	17	7
\$500,000 or more		4	—	1	—	2	1	—
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	farms	1 703	17	192	451	512	352	179
	number	2 446	31	342	627	689	507	250
Motortrucks, including pickups	farms	3 698	60	671	984	961	733	289
	number	5 918	75	990	1 452	1 567	1 343	491
Wheel tractors	farms	2 237	37	332	597	639	406	226
	number	3 434	41	478	937	917	647	414
2 or 3	farms	544	—	82	136	155	108	63
	number	1 249	—	177	338	341	246	147
4 or more	farms	107	—	9	30	20	28	19
	number	599	(D)	(D)	168	112	131	123
Grain and bean combines, self-propelled only	farms	67	—	—	3	13	35	16
	number	99	—	—	8	13	62	16
Cornpickers, corn heads, and picker-shellers	farms	16	—	—	3	11	2	—
	number	17	—	—	4	11	(D)	—
Corn heads for combines	farms	16	—	—	3	11	2	—
	number	17	—	—	4	11	(D)	—
Other cornpickers and picker-shellers	farms	—	—	—	—	—	—	—
	number	—	—	—	—	—	—	—
Cottonpickers	farms	49	5	6	7	12	14	5
	number	114	5	8	14	35	40	12
Mower conditioners	farms	264	10	62	58	53	25	56
	number	288	10	81	60	55	26	56
Pickup balers	farms	299	6	61	74	67	54	37
	number	324	6	79	77	67	58	37
Field forage harvesters, shear bar or flywheel type	farms	120	—	17	43	17	34	9
	number	130	—	20	49	17	35	9
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	farms	1 733	21	217	476	485	385	149
	\$1,000	4 885	42	442	952	1 247	1 401	801
Commercial fertilizer	farms	1 234	17	153	336	319	293	116
Lime	farms	66 352	539	7 286	15 058	16 105	19 185	8 179
	acres on which used	—	—	—	—	—	—	—
	tons	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—	farms	510	17	75	102	139	135	42
Insects on hay and other crops	farms	44 060	473	3 875	8 062	10 909	13 735	7 006
	acres on which used	—	—	—	—	—	—	—
Nematodes in crops	farms	95	—	17	5	20	43	10
	acres on which used	—	—	245	70	867	1 121	115
Diseases in crops and orchards	farms	2 418	—	25	35	68	49	22
	acres on which used	—	—	—	—	—	—	—
Weeds, grass, or brush in crops and pasture	farms	199	—	2 343	1 089	2 021	968	137
	acres on which used	6 558	—	—	—	—	—	—
	tons	551	17	94	111	147	133	49
	acres on which used	62 332	503	7 077	11 395	15 928	12 890	14 539
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	farms	239	11	27	51	69	58	23
	acres on which used	24 918	401	744	6 347	5 062	7 538	4 826
Insect control on livestock and poultry	farms	479	10	87	130	146	73	33
Sanitation and rodent and bird control	farms	160	—	13	56	33	44	14
LIVESTOCK								
Cattle and calves inventory	farms	2 462	26	252	766	672	524	222
	number	355 555	785	51 127	37 228	170 077	72 492	23 846
Farms with—								
1 to 9		907	12	107	365	247	122	54
10 to 49		977	8	104	286	269	202	108
50 to 99		225	5	17	62	46	78	17
100 to 199		143	—	10	25	45	50	13
200 to 499		120	1	10	14	33	44	18
500 or more		90	—	4	14	32	28	12
Cows and heifers that had calved	farms	1 893	17	182	578	508	427	181
	number	99 235	471	6 289	14 782	32 810	33 257	11 626
Beef cows	farms	1 637	16	169	461	446	388	157
	number	89 402	451	5 348	14 157	26 605	31 709	11 132
Farms with—								
1 to 9		781	6	90	280	216	133	56
10 to 49		514	7	55	136	123	132	61
50 to 99		133	2	13	13	39	51	15
100 to 199		92	1	6	16	32	30	7
200 to 499		90	—	4	12	28	31	15
500 or more		27	—	1	4	8	11	3

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

	Total farming and other occupations	Farming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
LIVESTOCK—Con.										
Cattle and calves inventory—Con.										
Cows and heifers that had calved—Con.										
Milk cows	forms... number...	933 71 182	406 61 349	6 696	48 8 075	82 25 883	107 13 420	92 11 149	71 2 126	
Farms with—										
1 to 4		728	239	2	20	37	64	57	59	
5 to 9		30	14	—	—	3	2	5	4	
10 to 49		15	11	1	—	2	5	2	1	
50 to 99		16	14	1	2	1	6	3	1	
100 to 199		31	26	1	10	3	5	5	2	
200 to 499		67	61	—	14	18	13	13	3	
500 or more		46	41	1	2	18	12	7	1	
Heifers and heifer calves	forms... number...	2 757 150 598	1 151 115 140	28 658	92 7 193	197 33 593	253 21 837	296 27 387	285 24 472	
Steers, steer calves, bulls, and bull calves	forms... number...	3 259 676 992	1 286 456 130	26	113 9 031	215 61 992	296 99 358	325 244 204	311 41 279	
Cattle and calves sold	forms... number...	3 737 1 165 191	1 494 730 467	31	169	250	331	361	352	
Calves	forms... number...	2 340 168 365	905 92 661	27	81	162	170	170 749	26 338	
Cattle	forms... number...	36 231 996 826	19 484 637 806	73	1 434	4 278	18 558 101 554	20 712 127 307	21 534 341 267	
Fatteners on grain and concentrates	forms... number...	483 640 029	136 422 708	1	9	141	203	4 506 58 315	5 511 166 243	
Hogs and pigs inventory	forms... number...	1 153 190 096	251 142 158	21	47	38	78	38	29	
Farms with—										
1 to 9		579	102	17	14	13	27	18	13	
10 to 49		239	44	—	3	4	18	9	10	
50 to 99		40	27	—	1	2	21	2	1	
100 to 199		214	10	—	1	3	2	1	3	
200 to 499		29	23	—	15	4	1	1	2	
500 or more		52	45	4	13	12	9	7	—	
Used or to be used for breeding	forms... number...	709 31 695	172 22 771	21	31	27	52	20	21	
Other	forms... number...	1 075 158 401	219 119 387	21	31	34	76	36	21	
Hogs and pigs sold	forms... number...	822 195 662	167 159 688	4	19	35	62	27	20	
Feeder pigs sold	forms... number...	19 146 14 787	320 10 512	1	401	40 814 3 482	70 106 3 482	23 075 5 554	933 243 2	
Litters of pigs farrowed between—										
Dec. 1 of preceding year and Nov. 30	forms... number...	711 33 222	162 554	21	16	31	54	21	19	
Dec. 1 and May 31	forms... number...	635 17 394	148 12 884	21	14	29	53	19	12	
June 1 and Nov. 30	forms... number...	323 15 828	115 13 538	21	15	8	15	16	15	
Sheep and lambs of all ages inventory	forms... number...	369 217 355	113 177 169	—	12	15	29	36	21	
Ewes 1 year old or older	forms... number...	275 85 818	84 64 384	—	7	11	22	27	17	
Sheep and lambs sold	forms... number...	297 162 929	92 133 307	—	12	10	25	28	17	
Sheep and lambs shorn	forms... number...	241 140 641	69 112 362	—	6	442	14 062	28 555	63 629	
Horses and ponies inventory	forms... number...	1 111 21 149	1 112 9 742	6	132	195	278	260	241	
Horses and ponies sold	forms... number...	993 3 626	262 1 163	19	161	161	337	69	52	
Goats inventory	forms... number...	9 334 3 074	1 643 873	3	449	198	390	465	152	
Goats sold	forms... number...	149 1 718	21 564	—	198	293	190	135	118	
Pounds of wool	1 132 087	933 958	—	1	279	186	2 984	48 516	20 375	
Sheep and lambs of all ages sold	1 279	109 785	—	2	387	18 544	6 539	1 210	161	
Hens and pullets of laying age	forms... number...	1 486 636 826	443 456 051	22	78	65	113	83	82	
Pullets 3 months old or older not of laying age	forms... number...	310 7 720	63 949	4	5	17	21	12	4	
				40	95	243	380	139	52	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows	farms number	527 9 833	1 (D)	46 (D)	181 625	144 6 205	118 1 548	37 494	
Farms with—									
1 to 4		489	—	40	175	129	112	33	
5 to 9		16	—	1	4	8	2	1	
10 to 49		4	1	1	—	1	—	1	
50 to 99		2	—	—	—	—	—	—	
100 to 199		5	—	2	2	1	—	—	
200 to 499		6	—	2	—	1	2	1	
500 or more		5	—	—	—	4	1	—	
Heifers and heifer calves	farms number	1 606 35 458	9 140	131 1 907	449 6 247	460 9 728	394 11 480	163 5 956	
Steers, steer calves, bulls, and bull calves	farms number	1 973 220 862	19 174	183 42 931	561 16 199	576 127 539	448 27 755	186 6 264	
Cattle and calves sold	farms number	2 243 434 724	22 482	218 160 711	703 31 665	583 165 617	494 52 622	223 23 627	
Calves	farms number	1 435 177 453	14 152	138 61 850	441 10 649	381 79 261	312 16 729	8 812	
Cattle	farms number	1 624 359 020	17 272	167 127 366	470 25 026	438 149 045	386 39 061	149 18 250	
Fattened on grain and concentrates	farms number	347 217 321	6 35	42 72 632	130 965	87 130 618	61 3 728	21 9 343	
Hogs and pigs inventory	farms number	902 47 938	15 107	264 27 034	324 5 129	173 13 675	107 1 589	19 404	
Farms with—									
1 to 9		477	9	45	249	107	57	10	
10 to 49		195	6	23	59	56	45	6	
50 to 99		13	—	4	3	2	2	2	
100 to 199		204	—	189	10	2	2	1	
200 to 499		6	—	2	2	1	1	—	
500 or more		7	—	1	1	5	—	—	
Used or to be used for breeding	farms number	537 8 924	8 12	231 5 373	110 1 498	108 1 646	74 347	6 48	
Other	farms number	856 39 014	14 95	249 21 661	313 3 631	168 12 029	93 1 242	19 356	
Hogs and pigs sold	farms number	655 35 974	9 91	241 10 219	228 5 693	101 17 710	62 1 141	14 1 120	
Feeder pigs sold	farms number	96 4 275	2 (D)	12 (D)	375 3 155	80 433	80 182	59 270	
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms number	549 6 800	8 20	233 3 021	120 893	104 2 590	78 213	6 63	
Dec. 1 and May 31	farms number	487 4 510	7 11	224 2 579	88 359	91 1 369	71 160	6 32	
June 1 and Nov. 30	farms number	208 2 290	5 9	23 442	90 534	61 1 221	24 53	5 31	
Sheep and lambs of all ages inventory	farms number	256 40 186	3 14	28 6 816	103 20 257	52 7 875	47 4 976	23 248	
Ewes 1 year old or older	farms number	191 21 434	2 (D)	24 (D)	82 9 358	41 4 762	35 4 234	7 62	
Sheep and lambs sold	farms number	205 29 622	2 (D)	27 (D)	78 11 157	53 7 607	36 4 488	9 142	
Sheep and lambs shorn	farms number	172 28 279	1 (D)	28 (D)	67 9 285	40 7 568	31 4 440	5 172	
	pounds of wool	198 129	(D)	(D)	82 510	47 477	30 598	786	
Horses and ponies inventory	farms number	1 999 11 407	18 67	280 1 618	681 3 414	538 3 132	347 2 238	135 938	
Horses and ponies sold	farms number	731 2 463	5 16	145 907	280 617	174 521	90 257	37 145	
Goats inventory	farms number	2 691 2 201	12 43	5999 120	564 1 082	468 517	206 327	444 112	
Goats sold	farms number	128 1 154	1 (D)	10 (D)	82 776	40 146	26 94	5 80	
	\$1,000	49	(D)	(D)	36	6	5	(Z)	
POULTRY									
Chickens 3 months old or older inventory	farms number	1 060 187 546	10 465	130 2 638	374 104 628	314 73 664	168 4 385	64 1 766	
Farms with—									
1 to 399		1 056	10	130	371	313	168	64	
400 to 3,199		1	—	—	1	—	—	—	
3,200 to 9,999		1	—	—	1	—	—	—	
10,000 to 19,999		—	—	—	—	—	—	—	
20,000 to 49,999		—	—	—	—	—	—	—	
50,000 to 99,999		2	—	—	—	—	—	—	
100,000 or more		—	—	—	—	1	—	—	
Hens and pullets of laying age	farms number	1 043 180 775	10 (D)	125 (D)	365 101 750	312 70 584	167 4 096	64 1 641	
Pullets 3 months old or older not of laying age	farms number	247 6 771	1 (D)	36 (D)	104 2 878	74 3 080	25 289	7 125	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms	Total farming and other occupations	Farming						
		Age of operator						65 years and over
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	
POULTRY —Con.								
Chickens 3 months old or older sold	farms number	186 445 479	74 370 198	1 (D)	47 (D)	7 86 140	7 5	8 60 269
Broilers and other meat-type chickens sold	farms number	30 423 048	9 422 454	— —	— —	450 —	— (D)	2 2 (D)
Farms with—								
1 to 1,999		28	7	—	—	5	—	— 2
2,000 to 59,999		1	1	—	—	—	—	1 —
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		1	1	—	—	—	—	1 —
Turkey hens kept for breeding	farms number	83 276	16 37	— —	3 11	5 13	2 (D)	5 8 (D)
Turkeys sold	farms number	40 8 265	14 8 074	— —	4 107	5 (D)	1 (D)	4 7 524 —
CROPS HARVESTED								
Corn for all purposes	farms acres	336 45 553	226 40 474	5 870	34 6 376	55 11 222	68 14 725	38 4 876
For grain or seed	farms acres	188 30 198	107 26 227	3 650	14 2 950	30 8 420	18 10 045	12 2 690
Irrigated	farms acres	182 29 143	105 25 577	3 650	14 2 950	29 8 370	30 10 045	11 2 690
Farms by acres harvested:								
1 to 24 acres		89	25	—	3	3	6	7 6
25 to 99 acres		33	23	—	3	6	7	5 2
100 to 499 acres		44	40	3	6	15	9	4 3
500 acres or more		22	19	—	2	6	8	2 1
Sorghums for grain or seed	farms acres	177 20 601	159 19 884	1 (D)	10 (D)	34 3 761	51 10 365	46 3 374
Irrigated	farms acres	177 20 601	159 19 884	1 (D)	10 (D)	34 3 761	51 770 278	46 252 820
Farms by acres harvested:								
1 to 24 acres		32	24	—	6	4	9	5 5
25 to 99 acres		77	69	1	8	12	18	24 6
100 to 499 acres		61	59	—	2	16	23	13 5
500 acres or more		7	7	—	—	—	6	— 1
Wheat for grain	farms acres	489 101 878	397 99 644	6 602	45 6 122	69 13 267	129 41 039	98 24 568
Irrigated	farms acres	488 101 843	397 99 644	6 602	45 6 122	69 13 267	129 41 039	98 24 568
Farms by acres harvested:								
1 to 24 acres		85	17	1	3	2	3	4 4
25 to 99 acres		159	141	3	15	26	39	41 17
100 to 499 acres		204	198	2	27	37	71	39 22
500 acres or more		41	41	—	—	4	16	14 7
Barley for grain	farms acres	282 29 806	237 28 304	2 (D)	25 (D)	49 5 739	82 11 079	47 4 750
Irrigated	farms acres	282 29 806	237 28 304	2 (D)	25 (D)	49 5 739	82 11 079	47 4 750
Cotton	farms acres	1 281 560 174	1 126 528 640	17 2 734	150 62 295	235 121 465	347 169 540	260 116 738
Irrigated	farms acres	1 281 560 174	1 126 528 640	17 2 734	150 62 295	235 121 465	347 169 540	260 116 738
Farms by acres harvested:								
1 to 24 acres		67	29	2	4	4	3	4 12
25 to 99 acres		230	176	5	36	28	40	43 24
100 to 499 acres		676	630	10	80	148	202	149 41
500 acres or more		308	291	—	30	55	102	64 40
Irish potatoes	farms acres	28 6 360	27 6 330	— (D)	1 (D)	5 1 224	6 2 777	9 833 830
Irrigated	farms acres	28 6 360	27 6 330	— (D)	1 (D)	5 1 224	6 2 966	9 373 720
Farms by acres harvested:								
0.1 to 0.9 acres		—	—	—	—	—	—	— —
1.0 to 4.9 acres		2	2	—	—	—	—	— 2
5.0 to 24.9 acres		1	1	—	—	—	—	— 1
25.0 to 99.9 acres		6	5	—	1	2	—	2 —
100.0 acres or more		19	19	—	—	3	6	7 3
Sugar beets for sugar	farms acres	51 14 820	51 14 820	1 (D)	5 (D)	8 1 050	19 5 653	12 6 306
Irrigated	farms acres	51 14 820	51 14 820	1 (D)	5 (D)	8 1 050	19 5 653	12 6 306
Hay crops (see text)	farms acres	1 783 172 107	1 013 149 277	13 858	118 16 517	166 25 363	287 52 370	266 36 982
Irrigated	farms acres	1 764 170 271	1 004 148 383	13 858	118 16 499	164 25 101	285 52 210	163 36 680
Farms by acres harvested:								
1 to 24 acres		792	225	3	23	29	47	58 65
25 to 99 acres		548	386	9	48	64	100	110 55
100 to 499 acres		369	333	1	38	61	118	80 35
500 acres or more		74	69	—	9	12	22	18 8

See footnote at end of table.

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

{Excludes abnormal farms; see text}

All Farms	Total	Other occupations						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
POULTRY—Con.									
Chickens 3 months old or older sold	farms number	112 75 281	1 (D)	14 (D)	68 39 752	14 34 398	14 616	1 (D)	
Broilers and other meat-type chickens sold	farms number	21 594	—	66 318	6 170	1 (D)	1 —	—	
Farms with—									
1 to 1,999		21	—	3	11	6	1	—	
2,000 to 59,999		—	—	—	—	—	—	—	
60,000 to 99,999		—	—	—	—	—	—	—	
100,000 or more		—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	67 239	1 (D)	8 (D)	37 115	6 14	9 53	6 16	
Turkeys sold	farms number	26 191	—	9 24	9 27	3 21	5 119	—	
CROPS HARVESTED									
Corn for all purposes	farms acres	110 5 079	1 (D)	13 (D)	53 1 197	20 1 748	17 1 528	6 50	
For grain or seed	farms acres	81 3 971	—	3 405	50 1 095	12 1 561	13 877	3 33	
Irrigated	farms acres	77 3 566	—	10 229 (D)	123 457 (D)	173 746 1 561	62 295 877	1 718 33	
Farms by acres harvested:									
1 to 24 acres		64	—	2	46	6	8	2	
25 to 99 acres		10	—	—	1	4	4	1	
100 to 499 acres		4	—	1	3	—	—	—	
500 acres or more		3	—	—	—	2	1	—	
Sorghums for grain or seed	farms acres	18 717	—	2 (D)	6 (D)	4 214	3 78	3 202	
Irrigated	farms acres	18 717	—	2 (D)	6 (D)	4 214	3 78	3 202	
Farms by acres harvested:									
1 to 24 acres		8	—	—	5	1	1	1	
25 to 99 acres		8	—	2	1	2	2	1	
100 to 499 acres		2	—	—	—	1	—	1	
500 acres or more		—	—	—	—	—	—	—	
Wheat for grain	farms acres	92 2 234	—	10 251	55 399	11 638	11 646	5 300	
Irrigated	farms acres	91 2 199	—	12 665 251	24 024 399	38 600 603	42 479 646	16 212 300	
Farms by acres harvested:									
1 to 24 acres		68	—	7	52	5	4	—	
25 to 99 acres		18	—	2	2	5	4	4	
100 to 499 acres		6	—	1	1	1	2	1	
500 acres or more		—	—	—	—	—	—	—	
Barley for grain	farms acres	45 1 502	2 (D)	3 (D)	10 276	14 516	12 265	4 264	
Irrigated	farms acres	45 1 502	2 (D)	3 (D)	10 728 28 557	14 184 19 184	12 1235 12 235	4 12 235	
Cotton	farms acres	155 31 534	12 780	25 2 032	30 7 670	47 9 365	30 6 877	11 4 810	
Irrigated	farms acres	155 31 534	12 780	25 2 032	30 7 670	47 9 365	30 6 877	11 4 810	
Farms by acres harvested:									
1 to 24 acres		38	4	8	4	15	5	2	
25 to 99 acres		54	5	12	10	13	11	3	
100 to 499 acres		46	3	4	12	12	11	4	
500 acres or more		17	—	1	4	7	3	2	
Irish potatoes	farms acres	1 (D)	—	1 (D)	—	—	—	—	
Irrigated	farms acres	1 (D)	—	1 (D)	—	—	—	—	
Farms by acres harvested:									
0.1 to 0.9 acres		—	—	—	—	—	—	—	
1.0 to 4.9 acres		—	—	—	—	—	—	—	
5.0 to 24.9 acres		—	—	—	—	—	—	—	
25.0 to 99.9 acres		1	—	1	—	—	—	—	
100.0 acres or more		—	—	—	—	—	—	—	
Sugar beets for sugar	farms acres	— —	— —	— —	— —	— —	— —	— —	
Irrigated	farms acres	— —	— —	— —	— —	— —	— —	— —	
Hay crops (see text)	farms acres	770 22 830	11 255	90 1 868	243 6 577	225 7 091	142 5 113	59 1 926	
Irrigated	farms acres	760 21 888	11 255	88 1 853	241 6 490	222 6 652	141 5 065	57 1 573	
Farms by acres harvested:									
1 to 24 acres		567	9	72	201	151	93	41	
25 to 99 acres		162	2	16	28	62	39	15	
100 to 499 acres		36	—	2	12	10	9	3	
500 acres or more		5	—	—	2	2	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	Total	Farming						65 years and over	
		Age of operator							
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years			
CROPS HARVESTED—Con.									
Alfalfa hay	farms	1 557	910	13	97	146	265	238	151
	acres	148 347	129 652	786	12 461	22 649	46 955	32 209	14 592
Irrigated	tons, dry	910 583	826 377	4 295	74 916	147 222	300 909	206 929	92 106
	farms	1 557	910	13	97	146	265	238	151
	acres	148 347	129 652	786	12 461	22 649	46 955	32 209	14 592
All vegetables harvested for sale (see text)	farms	432	253	6	25	42	78	66	36
	acres	68 754	67 051	3 836	1 577	6 152	31 116	19 521	4 849
Irrigated	farms	432	253	6	25	42	78	66	36
	acres	68 754	67 051	3 836	1 577	6 152	31 116	19 521	4 849
Farms by acres harvested:									
0.1 to 4.9 acres		197	48	—	2	9	4	14	19
5.0 to 24.9 acres		71	57	1	11	8	18	12	7
25.0 to 99.9 acres		73	61	4	8	13	19	13	4
100.0 acres or more		91	87	1	4	12	37	27	6
Land in orchards	farms	1 146	412	2	27	64	108	119	92
	acres	77 102	61 244	(D)	(D)	7 631	14 683	20 983	9 469
Irrigated	farms	1 146	412	2	27	64	108	119	92
	acres	77 102	61 244	(D)	(D)	7 631	14 683	20 983	9 469
Farms by acres in orchards:									
0.1 to 4.9 acres		474	126	1	7	15	37	31	35
5.0 to 24.9 acres		382	110	1	7	24	23	24	31
25.0 to 99.9 acres		186	100	—	6	13	28	35	18
100.0 acres or more		104	76	—	7	12	20	29	8

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
CROPS HARVESTED—Con.							
Alfalfa hay	farms	647	9	76	207	187	117
	acres	18 695	85	1 623	5 361	6 082	4 531
Irrigated	tons, dry	84 206	303	6 725	19 747	31 767	21 254
	farms	647	9	76	207	187	117
	acres	18 695	85	1 623	5 361	6 082	4 531
All vegetables harvested for sale (see text)	farms	179	—	13	100	44	10
	acres	1 703	—	57	414	366	360
Irrigated	farms	179	—	13	100	44	10
	acres	1 703	—	57	414	366	360
Farms by acres harvested:							
0.1 to 4.9 acres		149	—	10	94	38	1
5.0 to 24.9 acres		14	—	2	3	3	3
25.0 to 99.9 acres		12	—	1	2	2	6
100.0 acres or more		4	—	—	1	1	—
Land in orchards	farms	734	10	70	137	231	203
	acres	15 859	50	2 960	1 585	4 752	4 307
Irrigated	farms	734	10	70	137	231	203
	acres	15 859	50	2 960	1 585	4 752	4 307
Farms by acres in orchards:							
0.1 to 4.9 acres		348	3	27	79	117	90
5.0 to 24.9 acres		272	7	32	42	82	73
25.0 to 99.9 acres		86	—	8	14	24	28
100.0 acres or more		28	—	3	2	8	12

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

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000

Total farming and other occupations	Farming							
	Total	Age of operator						
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
F FARMS AND LAND IN FARMS								
Farms	4 784	1 096	29	136	153	228	229	321
number	100.0	22.9	0.6	2.8	3.1	4.7	4.7	6.7
Land in farms	2 290 081	1 037 764	27 291	121 273	190 282	152 540	182 039	364 339
acres	479	947	941	892	1 244	669	795	1 135
Average size of farm								
Value of land and buildings ¹	4 926	1 146	39	119	185	238	266	299
farms	856 036	301 788	4 950	29 183	70 694	49 288	70 923	76 751
Average per farm	173 779	263 340	126 923	245 232	382 131	207 090	266 627	256 692
dollars	373	283	187	272	364	307	361	201
Average per acre								
Farms by value of land and buildings:								
\$1 to \$19,999	570	86	—	1	23	34	17	11
\$20,000 to \$39,999	789	181	22	10	32	34	31	52
\$40,000 to \$69,999	867	176	5	20	11	45	53	42
\$70,000 to \$99,999	712	124	—	4	33	41	19	27
\$100,000 to \$149,999	611	174	—	47	22	23	37	45
\$150,000 to \$199,999	324	86	—	11	21	7	23	24
\$200,000 to \$499,999	695	153	11	6	11	22	39	64
\$500,000 to \$999,999	248	124	1	15	21	23	42	22
\$1,000,000 or more	110	42	—	5	11	9	5	12
Owned and rented land by operator:								
Land owned	4 254	997	21	109	134	216	208	309
farms	972 471	329 011	1 960	33 420	21 803	55 269	88 612	127 947
Land rented or leased from others	1 233	337	10	84	49	45	71	78
farms	1 665 462	735 768	25 331	88 044	169 240	100 553	95 075	257 525
Land rented or leased to others	272	80	—	4	5	22	21	28
farms	347 852	27 015	—	191	761	3 282	1 648	21 133
L LAND IN FARMS ACCORDING TO USE								
Total cropland	3 328	785	26	100	102	175	169	213
farms	151 338	48 464	1 049	4 025	8 835	11 843	11 963	10 749
Harvested cropland	1 974	525	8	50	73	114	128	152
farms	36 848	15 342	306	1 355	3 987	3 004	3 523	3 167
Farms by acres harvested:								
1 to 9 acres	1 011	190	2	17	24	47	44	56
10 to 29 acres	606	156	3	16	16	35	31	55
30 to 49 acres	184	95	1	6	13	19	28	28
50 to 99 acres	131	60	1	9	12	6	20	12
100 to 199 acres	34	20	1	2	5	6	5	1
200 to 499 acres	6	2	—	—	1	1	—	—
500 acres or more	2	2	—	—	2	—	—	—
Cropland:								
Pasture or grazing only	1 677	363	19	56	38	84	69	97
farms	87 188	23 142	(D)	(D)	2 061	7 180	5 864	5 561
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	63	14	—	—	6	2	3	3
farms	1 046	531	—	—	(D)	(D)	(D)	(D)
On which all crops failed	154	32	—	1	13	6	9	3
farms	5 695	1 250	—	(D)	(D)	(D)	310	254
In cultivated summer fallow	39	13	—	—	4	6	2	1
farms	1 308	589	—	—	139	315	(D)	(D)
Idle	496	177	1	48	25	26	38	39
farms	19 253	7 610	(D)	(D)	1 811	1 095	2 066	1 729
Total woodland	150	41	—	1	5	7	11	17
farms	42 020	16 073	—	(D)	368	11 779	2 770	1 151
Woodland pastured	91	25	—	1	1	6	5	12
farms	36 697	13 131	—	(D)	(D)	(D)	556	830
Woodland not pastured	74	21	—	—	5	2	9	5
farms	5 323	2 942	—	(D)	(D)	(D)	2 214	321
Pastureland and rangeland other than cropland and woodland pastured	1 352	359	2	65	43	50	78	121
farms	2 037 788	944 947	(D)	(D)	178 529	123 976	157 852	344 945
Land in house lots, ponds, roads, wasteland, etc.	2 634	643	2	99	98	149	136	159
farms	58 935	28 280	(D)	(D)	2 550	4 942	9 454	7 494
Pastureland, all types	2 782	625	21	77	72	124	134	197
farms	2 161 673	981 220	26 963	115 163	180 591	142 895	164 272	351 336
Irrigated land	2 749	697	8	99	90	155	148	197
farms	65 672	21 377	309	2 071	5 083	3 639	4 925	5 350
Harvested cropland irrigated	1 930	512	8	49	69	111	125	150
farms	35 550	14 823	(D)	(D)	3 704	2 843	3 492	3 124
Pastureland irrigated	1 071	228	1	14	23	63	44	83
farms	26 505	5 111	(D)	(D)	752	583	1 162	2 124
Other land irrigated	200	83	—	45	12	7	8	11
farms	3 617	1 443	—	230	627	213	271	102
Land set aside in the federal farm programs in 1978	27	18	1	—	8	1	7	1
farms	1 818	1 075	(D)	—	884	(D)	51	(D)
RACE AND TENURE OF OPERATOR								
All operators	4 784	1 096	29	136	153	228	229	321
number	3 558	761	19	52	104	183	160	243
Full owners	683	233	2	57	28	32	48	66
number	543	102	8	27	21	13	21	12
Part owners	4 460	988	29	89	143	211	213	303
number	3 334	712	19	50	101	169	146	227
Tenants	609	180	2	12	24	30	46	66
number	517	96	8	27	18	12	21	10
White	324	108	—	47	10	17	16	18
number	224	49	—	2	3	14	14	16
Black and other races	74	53	—	45	4	2	2	—
number	26	6	—	—	3	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

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
F FARMS AND LAND IN FARMS							
Farms	3 688	52	665	1 054	948	682	287
number	77.0	1.0	13.9	22.0	19.8	14.2	5.9
Land in farms	1 252 317	19 668	108 488	209 341	421 097	346 484	147 239
acres	340	378	163	199	444	508	513
Average size of farm							316
Value of land and buildings ¹	3 780	58	712	1 042	965	687	44 058
farms	554 248	7 496	69 963	155 562	166 711	110 458	139 423
Average per farm	146 626	129 241	98 262	149 292	172 757	160 783	343
dollars	452	521	550	857	384	324	
Average per acre							
Forms by value of land and buildings:							
\$1 to \$19,999	484	12	229	62	67	91	23
\$20,000 to \$39,999	608	4	91	165	196	77	75
\$40,000 to \$69,999	691	10	102	186	175	160	58
\$70,000 to \$99,999	588	10	72	170	197	87	52
\$100,000 to \$149,999	437	6	77	158	95	74	27
\$150,000 to \$199,999	238	5	28	47	80	60	18
\$200,000 to \$499,999	542	10	100	203	82	100	47
\$500,000 to \$999,999	124	—	11	41	39	22	11
\$1,000,000 or more	68	1	2	10	34	16	5
Owned and rented land by operator:							
Land owned	3 257	29	412	1 007	883	652	274
farms	643 460	(D)	74 168	79 213	175 907	204 757	(D)
acres	896	31	320	173	189	128	55
Land rented or leased from others	929 694	15 811	142 237	175 963	318 003	194 048	83 632
farms	192	2	35	30	51	51	23
acres	320 837	(D)	107 917	45 835	72 813	52 321	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland	2 543	35	462	725	657	467	197
farms	102 874	3 237	11 922	26 883	25 845	23 586	11 401
Harvested cropland	1 449	23	168	409	421	294	134
farms	21 506	489	2 932	5 380	6 334	4 231	2 140
Farms by acres harvested:							
1 to 9 acres	821	13	86	260	239	155	68
10 to 29 acres	450	6	60	116	127	97	44
30 to 49 acres	89	—	10	13	30	25	11
50 to 99 acres	71	4	10	16	15	16	10
100 to 199 acres	14	—	1	2	9	1	—
200 to 499 acres	4	—	1	2	1	—	—
500 acres or more	—	—	—	—	—	—	—
Cropland:							
Pasture or grazing only	1 314	14	307	377	298	235	83
farms	64 046	(D)	(D)	17 466	15 564	15 821	7 166
acres							
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	49	—	3	13	28	4	1
farms	515	—	(D)	240	166	48	(D)
acres	122	—	8	67	37	7	3
On which all crops failed	4 445	—	(D)	1 599	1 292	1 303	(D)
farms	26	4	2	6	5	8	1
acres	719	8	(D)	345	92	171	(D)
In cultivated summer fallow	319	5	34	95	91	65	29
farms	11 643	310	3 271	1 853	2 397	2 012	1 800
Idle							
Total woodland	109	1	11	23	35	23	16
farms	25 947	(D)	(D)	982	7 733	4 489	12 070
acres	66	1	8	10	20	16	11
Woodland pastured	23 566	(D)	(D)	617	7 163	3 912	11 543
farms	53	—	4	13	18	10	8
acres	2 381	—	342	365	570	577	527
Pastureland and rangeland other than cropland and woodland pastured	993	10	133	266	270	206	108
farms	1 092 841	16 337	93 452	177 176	379 571	307 586	118 719
acres	1 991	23	294	662	493	373	146
Land in house lots, ponds, roads, wasteland, etc.	30 655	(D)	4 300	7 948	10 823	5 049	
Pastureland, oil types	2 157	19	434	589	526	409	180
Irrigated land	1 180 453	18 769	99 380	195 259	402 298	327 319	137 428
farms	2 052	27	234	618	599	404	170
acres	44 295	940	4 886	15 364	11 490	7 805	3 810
Harvested cropland irrigated	1 418	23	163	399	411	292	130
farms	20 727	489	2 910	5 203	5 829	4 182	2 114
acres	843	11	94	266	264	146	62
Pastureland irrigated	21 394	451	1 562	9 143	5 146	3 416	1 676
farms	117	—	10	50	33	20	4
acres	2 174	—	414	1 018	515	207	20
Other land irrigated	9	—	—	4	1	3	1
farms	743	—	—	(D)	(D)	54	(D)
Land set aside in the federal farm programs in 1978							
RACE AND TENURE OF OPERATOR							
All operators	3 688	52	665	1 054	948	682	287
number	2 797	21	346	881	761	556	232
Full owners	450	8	65	124	118	95	40
number	441	23	254	49	69	31	15
Part owners	3 472	48	629	1 004	891	627	273
number	2 622	19	318	845	715	505	220
Tenants	429	8	61	117	113	92	38
number	421	21	250	42	63	30	15
White	216	4	36	50	57	55	14
Full owners	175	2	28	36	46	51	12
Part owners	21	—	4	7	5	3	2
Tenants	20	2	4	7	6	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	
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms acres	4 271 1 761 195	949 787 534	25 2 149	104 92 552	135 179 006	206 116 686	200 120 475	279 276 666
Partnership	farms acres	401 263 513	105 119 502	3 (D)	25 13 031	16 (D)	12 2 620	18 (D)	31 50 146
Corporations:									
Family held	farms acres	64 190 392	28 107 944	1 (D)	4 51	1 (D)	6 (D)	9 40 096	7 36 611
More than 10 stockholders	farms acres	2 62	1 27	—	—	—	—	—	—
10 or less stockholders	farms acres	— 7	— 3	—	—	1 (D)	6 (D)	9 —	6 —
Other than family held	farms acres	25 447 3	350 1	— —	— —	— (D)	— (D)	— —	— —
More than 10 stockholders	farms acres	3 4	2 2	— —	— —	— 1	— 1	— —	— —
10 or less stockholders	farms acres	— 41	— 11	— —	— 3	— —	2 —	2 (D)	4 916
Other—cooperative, estate or trust, etc.	farms acres	49 534	22 434	— 15 639	— —	— (D)	— (D)	— (D)	— 916
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		3 461	809	21	99	98	167	174	250
Not on farm operated		939	206	7	34	39	50	40	36
Operators by age group:									
Under 25 years		81	29	29	—	—	—	—	—
25 to 34 years		801	136	—	136	—	—	—	—
35 to 44 years		1 207	153	—	—	153	—	—	—
45 to 54 years		1 176	228	—	—	—	228	—	—
55 to 64 years		911	229	—	—	—	—	229	—
65 years and over		608	321	—	—	—	—	—	321
Average age		47.7	53.1	21.1	28.9	39.2	50.0	59.5	70.7
Operators by sex:									
Male		4 426	980	27	124	123	198	215	293
Female		358	116	2	12	30	30	14	28
449	55	—	—	4	8	20	8	15	—
Operators of Spanish origin									
Operators by principal occupation:									
Farming		1 096	1 096	29	136	153	228	229	321
Other		3 688	—	—	—	—	—	—	—
Operators reporting days of work off farm:									
None		1 052	630	6	76	52	123	130	243
1 to 99 days		308	140	5	18	30	29	34	24
100 to 199 days		398	86	—	9	22	30	18	7
200 days or more		2 932	146	18	30	31	31	22	14
F FARMS BY SIZE									
1 to 9 acres		1 704	264	3	19	57	61	42	82
10 to 49 acres		1 467	329	21	25	39	90	64	90
50 to 69 acres		136	46	1	3	7	8	11	16
70 to 99 acres		252	68	1	5	8	21	22	11
100 to 139 acres		177	38	1	2	7	7	10	11
140 to 179 acres		134	52	—	20	6	5	10	11
180 to 219 acres		75	23	—	1	4	2	9	7
220 to 259 acres		54	11	—	—	—	1	5	5
260 to 499 acres		210	52	—	2	8	6	22	14
500 to 999 acres		175	45	—	2	7	12	8	16
1,000 to 1,999 acres		167	87	1	49	2	1	10	24
2,000 acres or more		233	81	1	8	8	14	16	34
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)		61	34	2	4	9	6	11	2
Field crop, except cash grain farms (013)		457	146	4	22	17	28	41	34
Cotton farms (0131)		88	45	1	8	6	5	12	13
Tobacco farms (0132)		—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		369	101	3	14	11	23	29	21
Vegetable and melon farms (016)		95	51	1	4	7	13	9	17
Fruit and tree nut farms (017)		489	101	1	2	17	27	19	35
Horticultural specialty farms (018)		73	25	—	4	3	10	5	3
General farms, primarily crop (019)		43	11	—	—	2	3	3	3
Livestock farms, except dairy, poultry, and animal specialty (021)		2 712	599	20	91	60	108	116	204
Beef cattle farms, except feedlots (0212)		1 886	501	20	67	50	72	103	189
Dairy farms (024)		20	3	—	—	1	—	1	1
Poultry and egg farms (025)		61	14	—	1	3	7	1	2
Animal specialty farms (027)		622	101	1	8	32	26	19	15
General farms, primarily livestock (029)		151	11	—	—	2	—	4	5
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	farms \$1,000	4 784 19 650	1 096 6 296	29 137	136 767	153 894	228 1 142	229 1 451	321 1 906
Farms by value of agricultural products sold:									
\$15,000 or more		272	105	3	11	16	20	25	30
\$10,000 to \$14,999		356	142	4	13	19	23	41	42
\$5,000 to \$9,999		690	209	3	20	30	42	41	73
\$2,500 to \$4,999		880	240	1	64	32	32	46	65
Less than \$2,500		2 586	400	18	28	56	111	76	111
\$2,000 to \$2,499		312	65	—	4	11	20	14	16
\$1,500 to \$1,999		654	56	—	3	7	12	14	20
\$1,000 to \$1,499		657	83	1	6	14	20	17	25
Less than \$1,000		983	196	17	15	24	59	31	50

See footnote at end of table.

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

[Excludes abnormal farms; see text]							
Farms With Sales of Less Than \$20,000	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	3 322	42	602	969	843	609	257
farms	973 661	18 609	76 463	186 457	265 332	307 962	118 838
acres							
Partnership	296	10	55	70	80	57	24
farms	144 011	1 059	11 905	18 432	55 354	30 230	27 031
acres							
Corporations:							
Family held	36	—	4	9	14	6	3
farms	82 448	—	19 978	4 225	51 923	5 797	525
acres							
More than 10 stockholders	1	—	—	1	—	—	—
10 or less stockholders	35	—	4	8	14	6	3
Other than family held	4	—	—	1	1	1	—
farms	25 097	—	(D)	(D)	(D)	(D)	—
acres							
More than 10 stockholders	2	—	—	1	1	—	—
10 or less stockholders	2	—	1	—	—	1	—
Other—cooperative, estate or trust, etc.	30	—	3	5	10	9	3
farms	27 100	—	(D)	(D)	(D)	(D)	845
acres							
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 652	31	540	804	652	434	191
Not on farm operated	733	18	91	144	232	176	72
Operators by age group:							
Under 25 years	52	52	—	—	—	—	—
25 to 34 years	665	—	665	—	—	—	—
35 to 44 years	1 054	—	—	1 054	—	—	—
45 to 54 years	948	—	—	—	948	—	—
55 to 64 years	682	—	—	—	—	682	—
65 years and over	287	—	—	—	—	—	287
Average age	46.1	22.3	30.5	39.6	49.2	58.9	70.4
Operators by sex:							
Male	3 446	46	648	988	888	631	245
Female	242	6	17	66	60	51	42
Operators of Spanish origin	394	5	210	51	66	46	16
Operators by principal occupation:							
Farming	—	—	—	—	—	—	—
Other	3 688	52	665	1 054	948	682	287
Operators reporting days of work off farm:							
None	422	6	41	64	60	95	156
1 to 99 days	168	6	15	64	37	23	23
100 to 199 days	312	12	45	79	98	59	19
200 days or more	2 786	28	564	847	753	505	89
F FARMS BY SIZE							
1 to 9 acres	1 440	21	385	475	320	179	60
10 to 49 acres	1 138	14	184	270	364	224	82
50 to 69 acres	90	1	12	22	23	24	8
70 to 99 acres	184	4	20	71	32	43	14
100 to 139 acres	139	1	9	54	32	23	20
140 to 179 acres	82	1	8	17	19	28	9
180 to 219 acres	52	—	7	10	10	10	15
220 to 259 acres	43	—	5	8	13	5	12
260 to 499 acres	158	6	8	44	42	36	22
500 to 999 acres	130	2	6	47	27	29	19
1,000 to 1,999 acres	80	—	5	13	20	34	8
2,000 acres or more	152	2	16	23	46	47	18
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)	27	2	4	6	8	3	4
Field crop, except cash grain farms (013)	311	12	55	68	109	46	21
Cotton farms (0131)	43	5	8	6	17	5	2
Tobacco farms (0132)	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	268	7	47	62	92	41	19
Vegetable and melon farms (016)	44	—	5	21	12	2	4
Fruit and tree nut farms (017)	388	6	38	58	126	104	56
Horticultural specialty farms (018)	48	—	10	16	14	5	3
General farms, primarily crop (019)	32	—	2	7	9	11	3
Livestock farms, except dairy, poultry, and animal specialty (021)	2 113	23	393	631	482	423	161
Beef cattle farms, except feedlots (0212)	1 385	12	144	370	376	339	144
Dairy farms (024)	17	—	2	4	2	9	—
Poultry and egg farms (025)	47	—	10	9	8	7	13
Animal specialty farms (027)	521	9	133	163	136	61	19
General farms, primarily livestock (029)	140	—	13	71	42	11	3
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	3 688	52	665	1 054	948	682	287
farms	\$1,000	13 353	204	2 010	3 681	3 448	2 940
Farms by value of agricultural products sold:							
\$15,000 or more	167	2	23	55	41	39	7
\$10,000 to \$14,999	214	5	28	46	57	55	23
\$5,000 to \$9,999	481	9	56	110	143	112	51
\$2,500 to \$4,999	640	9	86	210	158	134	43
Less than \$2,500	2 186	27	472	633	549	342	163
\$2,000 to \$2,499	247	9	28	91	56	40	23
\$1,500 to \$1,999	598	5	253	162	100	53	25
\$1,000 to \$1,499	574	1	105	191	144	99	34
Less than \$1,000	767	12	86	189	249	150	81

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	105	51	2	7	12	10	11	9
\$1,000—	481	277	(D)	(D)	44	55	96	24
Sales of \$5,000 or more	33	19	2	2	2	5	7	1
\$1,000—	357	215	(D)	(D)	(D)	51	85	(D)
Commodity Credit Corporation loans	2	2	—	—	1	—	1	—
\$1,000—	(D)	(D)	—	—	(D)	—	(D)	—
Cotton and cottonseed	101	53	2	8	8	8	12	15
\$1,000—	927	556	(D)	(D)	74	73	140	173
Sales of \$5,000 or more	71	42	2	6	7	6	9	12
\$1,000—	844	519	(D)	(D)	69	66	132	161
Commodity Credit Corporation loans	3	3	—	—	—	—	2	1
\$1,000—	4	4	—	—	—	—	(D)	(D)
Tobacco	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Sales of \$5,000 or more	—	—	—	—	—	—	—	—
\$1,000—	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	497	146	4	20	17	30	37	38
\$1,000—	1 785	670	28	74	96	124	190	158
Sales of \$5,000 or more	110	44	3	4	5	7	15	10
\$1,000—	1 003	450	26	34	63	79	147	100
Vegetables, sweet corn, and melons	232	75	1	6	12	16	17	23
\$1,000—	496	248	(D)	(D)	41	70	40	56
Sales of \$5,000 or more	29	21	1	3	4	6	4	3
\$1,000—	248	177	(D)	(D)	28	50	30	30
Fruits, nuts, and berries	413	107	1	7	12	20	27	40
\$1,000—	1 901	495	(D)	(D)	91	96	125	169
Sales of \$5,000 or more	130	34	—	—	7	6	9	12
\$1,000—	1 461	380	—	—	78	81	95	126
Nursery and greenhouse products	78	27	—	4	3	10	6	4
\$1,000—	398	154	—	15	29	40	44	26
Sales of \$5,000 or more	33	13	—	1	3	3	3	3
Other crops	292	119	—	(D)	29	21	34	26
\$1,000—	14	6	—	—	—	1	1	4
Sales of \$5,000 or more	55	21	—	—	—	(D)	(D)	(D)
\$1,000—	4	1	—	—	—	—	(D)	—
Poultry and poultry products	398	108	—	49	12	16	20	11
\$1,000—	130	45	—	4	7	21	7	5
Sales of \$5,000 or more	1	1	—	—	—	1	—	—
\$1,000—	(D)	(D)	—	—	—	(D)	—	—
Dairy products	58	8	—	—	2	1	3	2
\$1,000—	68	11	—	—	(D)	(D)	4	(D)
Sales of \$5,000 or more	3	—	—	—	—	—	—	—
\$1,000—	27	—	—	—	—	—	—	—
Cattle and calves	2 479	573	21	78	64	83	118	209
\$1,000—	9 860	3 101	44	433	329	488	652	1 154
Sales of \$5,000 or more	652	224	3	21	23	38	50	89
\$1,000—	6 719	2 340	40	231	254	399	505	910
Hogs and pigs	692	84	—	4	10	42	11	17
\$1,000—	912	122	—	12	8	48	16	38
Sales of \$5,000 or more	16	5	—	1	—	1	—	3
\$1,000—	155	42	—	(D)	—	(D)	—	(D)
Sheep, lambs, and wool	243	42	—	7	4	9	10	12
\$1,000—	305	39	—	10	6	7	7	10
Sales of \$5,000 or more	15	1	—	1	—	—	—	—
\$1,000—	175	(D)	—	(D)	—	—	—	—
Other livestock and livestock products (see text)	1 066	184	18	16	43	35	38	34
\$1,000—	2 332	557	21	52	168	118	121	76
Sales of \$5,000 or more	129	41	1	5	11	9	9	6
\$1,000—	1 133	387	(D)	(D)	(D)	(D)	(D)	46
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms	2 362	456	17	78	61	114	67
\$1,000—		5 073	1 723	85	206	169	183	109
Farms with expenses of—								
\$1 to \$499		668	110	—	4	11	37	17
\$500 to \$2,499		1 228	192	—	47	18	39	41
\$2,500 to \$4,999		280	83	—	7	16	35	6
\$5,000 or more		186	71	17	20	16	3	3
Feed for livestock and poultry	farms	3 683	777	18	96	100	184	161
\$1,000—		4 758	1 383	18	318	230	254	208
Farms with expenses of—								
\$1 to \$499		1 082	184	—	14	16	56	38
\$500 to \$2,499		2 177	469	18	63	59	108	106
\$2,500 to \$4,999		273	75	—	3	18	8	15
\$5,000 or more		151	49	—	16	7	12	2
Commercially mixed formula feeds	farms	1 536	284	17	79	29	51	38
\$1,000—		9 403	1 737	17	370	124	402	277
Farms by tons purchased:								
1 to 49 tons		1 294	240	17	73	29	44	27
50 to 99 tons		235	42	—	6	—	5	11
100 tons or more		7	2	—	—	—	2	—
Farms with expenses of—								
\$1 to \$499		639	140	17	52	13	9	24
\$500 to \$2,499		776	116	—	27	16	38	4
\$2,500 to \$4,999		103	24	—	—	—	—	31
\$5,000 or more		18	4	—	—	—	4	14

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

Farms With Sales of Less Than \$20,000

VALUE OF PRODUCTS SOLD—Con.

	Total	Other occupations					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Market value of agricultural products sold—Con.							
Grain	54	2	8	14	13	13	4
\$1,000	204	(D)	(D)	37	58	45	30
Sales of \$5,000 or more	14	—	1	2	4	4	3
\$1,000	142	—	(D)	(D)	42	34	28
Commodity Credit Corporation loans	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Cotton and cottonseed	48	5	10	6	20	5	2
\$1,000	371	35	68	50	164	(D)	(D)
Sales of \$5,000 or more	29	3	8	4	11	2	1
\$1,000	325	29	65	45	141	(D)	(D)
Commodity Credit Corporation loans	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Tobacco	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Sales of \$5,000 or more	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	351	9	59	90	110	58	25
\$1,000	1 116	24	202	211	402	183	94
Sales of \$5,000 or more	66	3	10	8	26	14	5
\$1,000	553	17	90	67	222	100	58
Vegetables, sweet corn, and melons	157	—	12	96	39	2	8
\$1,000	249	—	31	134	70	(D)	(D)
Sales of \$5,000 or more	8	—	3	2	3	—	—
\$1,000	72	—	27	(D)	(D)	—	—
Fruits, nuts, and berries	306	1	35	44	92	98	36
\$1,000	1 406	(D)	(D)	220	368	479	166
Sales of \$5,000 or more	96	1	12	17	21	32	13
\$1,000	1 082	(D)	(D)	178	254	380	126
Nursery and greenhouse products	51	—	10	17	16	5	3
\$1,000	244	—	36	110	71	20	7
Sales of \$5,000 or more	20	—	3	10	5	2	—
\$1,000	173	—	(D)	97	44	(D)	—
Other crops	8	—	6	—	—	2	—
\$1,000	33	—	(D)	—	—	(D)	—
Sales of \$5,000 or more	3	—	1	—	—	2	—
\$1,000	20	—	(D)	—	—	(D)	—
Poultry and poultry products	290	5	34	119	76	39	17
\$1,000	85	2	7	33	14	19	10
Sales of \$5,000 or more	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Dairy products	50	—	4	20	13	13	—
\$1,000	56	—	16	10	11	20	—
Sales of \$5,000 or more	3	—	1	—	1	—	—
\$1,000	27	—	(D)	—	(D)	(D)	—
Cattle and calves	1 906	19	199	650	464	398	176
\$1,000	6 759	101	726	1 837	1 690	1 768	637
Sales of \$5,000 or more	428	9	44	100	108	121	46
\$1,000	4 379	80	481	1 089	1 060	1 253	416
Hogs and pigs	608	9	238	221	70	59	11
\$1,000	789	7	344	270	89	52	27
Sales of \$5,000 or more	11	—	—	5	2	2	(D)
\$1,000	113	—	—	50	(D)	(D)	(D)
Sheep, lambs, and wool	201	2	29	80	49	33	8
\$1,000	265	(D)	(D)	165	49	35	4
Sales of \$5,000 or more	14	—	—	9	3	2	—
\$1,000	169	—	—	132	(D)	(D)	—
Other livestock and livestock products (see text)	882	11	178	338	267	112	36
\$1,000	1 776	22	356	604	463	267	65
Sales of \$5,000 or more	88	—	16	31	26	11	4
\$1,000	746	—	126	255	227	111	26
SELECTED FARM PRODUCTION EXPENSES:							
Livestock and poultry purchased	farms	1 906	17	470	601	405	312
\$1,000		3 350	26	843	960	909	487
Farms with expenses of—							
\$1 to \$499		558	4	41	224	162	82
\$500 to \$2,499		1 036	8	368	258	159	41
\$2,500 to \$4,999		197	5	48	88	36	14
\$5,000 or more		115	—	13	31	48	9
Feed for livestock and poultry	farms	2 906	30	575	861	749	502
\$1,000		3 375	15	511	1 218	904	553
Farms with expenses of—							
\$1 to \$499		898	20	158	199	274	159
\$500 to \$2,499		1 708	10	389	545	374	302
\$2,500 to \$4,999		198	—	27	53	79	32
\$5,000 or more		102	—	1	64	22	9
Commercially mixed formula feeds	farms	1 252	8	322	405	295	158
tons		7 666	73	1 751	2 887	1 865	844
\$1,000		1 082	5	221	430	249	135
Farms by tons purchased:							
1 to 49 tons		1 054	4	292	299	254	144
50 to 99 tons		193	4	30	102	40	14
100 tons or more		5	—	—	4	1	—
Farms with expenses of—							
\$1 to \$499		499	4	56	213	126	62
\$500 to \$2,499		660	4	255	150	141	85
\$2,500 to \$4,999		79	—	11	35	27	5
\$5,000 or more		14	—	—	7	1	6

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.

		Farming							
		Total farming and other occupations	Age of operator						
			Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	
								65 years and over	
Farms With Sales of Less Than \$20,000									
SELECTED FARM PRODUCTION EXPENSES¹—Con.									
Animal health costs	farms \$1,000	2 780 534	637 118	17 2	91 8	81 25	149 21	118 21	
Farms with expenses of—									
\$1 to \$99		1 415	339	—	59	9	96	78	
\$100 to \$999		1 142	247	17	30	60	44	29	
\$1,000 to \$4,999		112	32	—	2	11	4	2	
\$5,000 or more		111	19	—	—	1	5	9	
Seeds, bulbs, plants, and trees	farms \$1,000	1 380 455	410 183	10 14	68 56	60 29	98 22	87 41	
Farms with expenses of—									
\$1 to \$99		393	69	—	1	7	23	8	
\$100 to \$999		817	257	5	52	37	70	49	
\$1,000 to \$4,999		53	33	—	1	4	3	14	
\$5,000 or more		117	51	5	14	12	2	16	
Commercial fertilizer	farms \$1,000	1 583 955	441 336	21 16	70 27	100 113	56 25	95 107	
Farms with expenses of—									
\$1 to \$499		1 176	285	16	53	51	42	41	
\$500 to \$999		176	60	—	5	17	5	22	
\$1,000 to \$2,499		153	62	5	11	22	9	15	
\$2,500 or more		78	34	—	1	10	—	17	
Other agricultural chemicals including lime	farms \$1,000	1 237 652	358 331	15 9	19 2	71 65	77 27	91 50	
Farms with expenses of—									
\$1 to \$499		935	241	5	19	39	68	51	
\$500 to \$999		172	65	10	—	10	8	25	
\$1,000 to \$2,499		96	41	—	—	21	—	13	
\$2,500 or more		34	11	—	—	1	1	2	
Energy and petroleum products	farms \$1,000	4 872 3 113	1 132 972	34 41	119 110	181 175	238 154	261 250	
Farms with expenses of—									
\$1 to \$499		3 032	494	23	27	60	137	95	
\$500 to \$999		1 019	362	5	68	75	66	94	
\$1,000 to \$2,499		629	181	1	18	21	20	45	
\$2,500 or more		192	95	5	6	25	15	27	
Petroleum products	farms \$1,000	4 847 2 213	1 132 718	34 41	119 88	181 135	238 108	261 175	
Gasoline	farms \$1,000	4 583 1 453	1 048 470	34 28	119 68	148 80	226 81	292 94	
Diesel fuel	farms \$1,000	934 297	299 103	16 11	28 7	59 20	43 8	57 39	
LP gas, butane, and propane	farms \$1,000	557 168	153 46	—	7	25 9	21 7	61 20	
Fuel oil	farms \$1,000	99 15	35 3	5	—	5 —	4 —	16 5	
Natural gas	farms \$1,000	133 46	48 20	—	6	32 2	3 1	1 —	
Kerosene, motor oil, and grease	farms \$1,000	4 847 233	1 132 75	34 2	119 10	181 15	238 10	261 20	
Electricity	farms \$1,000	2 512 851	583 245	—	81 (D)	90 (D)	118 (D)	140 69	
Other—coal, wood, coke, etc.	farms \$1,000	196 49	40 9	—	1	1	9	21 5	
Hired farm labor	farms \$1,000	1 332 1 697	332 477	16 11	28 29	53 79	62 72	82 100	
Farms with expenses of—									
\$1 to \$499		494	110	6	10	14	13	32	
\$500 to \$2,499		637	174	10	17	23	45	41	
\$2,500 to \$4,999		176	35	—	1	16	2	7	
\$5,000 or more		25	13	—	—	—	2	2	
Workers by number of days worked:									
150 days or more	farms workers	262 339	87 109	—	2	22 (D)	10 13	33 37	
Less than 150 days	farms workers	1 168 3 212	279 910	16 97	26 92	41 118	58 108	62 185	
Contract labor	farms \$1,000	486 966	145 276	—	19 32	53 115	16 47	25 54	
Farms with expenses of—									
\$1 to \$499		120	32	—	8	6	6	—	
\$500 to \$999		72	22	—	—	10	—	2	
\$1,000 to \$2,499		163	44	—	6	13	—	10	
\$2,500 or more		131	47	—	5	24	10	8	
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	1 208 1 198	283 368	15 21	25 11	38 117	62 34	74 114	
Farms with expenses of—									
\$1 to \$499		671	126	10	16	9	28	26	
\$500 to \$999		222	59	—	7	5	25	15	
\$1,000 to \$2,499		194	58	—	1	10	9	21	
\$2,500 or more		121	40	5	1	14	—	12	
FARM-RELATED INCOME									
Income from machine work, customwork, and other agricultural services	farms \$1,000	244 427	105 237	2 (D)	46 (D)	22 53	17 38	11 118	
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	568 806	150 296	1 (D)	11 (D)	20 39	26 60	41 113	

See footnote at end of table.

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

(Excludes abnormal farms; see text)							
Farms With Sales of Less Than \$20,000	Other occupations						
	Total	Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs—	forms \$1,000	2 143 416	20 3	456 101	641 123	559 109	350 69
Farms with expenses of—							
\$1 to \$99		1 076	10	272	260	282	165
\$100 to \$999		895	10	132	343	231	151
\$1,000 to \$4,999		80	—	17	22	15	24
\$5,000 or more		92	—	35	16	31	10
Seeds, bulbs, plants, and trees—	forms \$1,000	970 272	15 3	155 39	352 126	221 59	175 30
Farms with expenses of—							
\$1 to \$99		324	4	39	129	75	58
\$100 to \$999		560	11	105	174	133	110
\$1,000 to \$4,999		20	—	7	—	6	7
\$5,000 or more		66	—	4	49	7	—
Commercial fertilizer—	forms \$1,000	1 142 619	21 18	148 108	319 187	293 124	254 131
Farms with expenses of—							
\$1 to \$499		891	4	103	260	249	189
\$500 to \$999		116	6	17	41	22	24
\$1,000 to \$2,499		91	11	16	11	9	35
\$2,500 or more		44	—	12	7	13	6
Other agricultural chemicals including lime—	forms \$1,000	879 321	17 24	147 33	187 56	260 80	202 98
Farms with expenses of—							
\$1 to \$499		694	12	124	160	199	159
\$500 to \$999		107	—	10	9	43	26
\$1,000 to \$2,499		55	—	13	13	12	10
\$2,500 or more		23	5	—	5	6	7
Energy and petroleum products—	forms \$1,000	3 740 2 141	58 39	706 344	1 034 686	955 520	682 392
Farms with expenses of—							
\$1 to \$499		2 538	30	542	689	630	445
\$500 to \$999		657	13	100	173	179	127
\$1,000 to \$2,499		448	15	52	115	129	101
\$2,500 or more		97	—	12	57	17	9
Petroleum products—	forms \$1,000	3 715 1 495	58 26	706 216	1 028 469	951 365	673 305
Gasoline—	forms \$1,000	3 535	58	687	945	934	647
Diesel fuel—	forms \$1,000	983	17	152	244	268	228
LP gas, butane, and propane—	forms \$1,000	635	16	74	237	164	89
Fuel oil—	forms \$1,000	194	6	22	89	38	25
Natural gas—	forms \$1,000	404	6	44	153	94	80
Kerosene, motor oil, and grease—	forms \$1,000	122	(Z)	11	73	18	16
Electricity—	forms \$1,000	64	12	—	3	11	26
Other—coal, wood, coke, etc.—	forms \$1,000	85	—	16	24	12	9
Hired farm labor—	forms \$1,000	26	—	7	(D)	(D)	24
Farms with expenses of—							
\$1 to \$499		3 715	58	706	1 028	951	673
\$500 to \$999		157	3	24	50	38	31
\$1,000 to \$2,499		1 929	20	423	555	441	346
\$2,500 or more		606	14	123	192	149	82
Workers by number of days worked:							
150 days or more—	forms workers	156	—	23	68	27	26
Less than 150 days—	forms workers	41	—	5	24	5	5
Contract labor—	forms \$1,000	1 000 1 220	20 31	148 129	297 326	244 258	200 322
Farms with expenses of—							
\$1 to \$499		384	—	58	148	86	56
\$500 to \$2,499		463	14	78	102	133	100
\$2,500 to \$4,999		141	6	12	42	24	39
\$5,000 or more		12	—	—	5	1	5
Customwork, machine hire, and rental of machinery and equipment—	forms \$1,000	175 230	15 15	11 21	25 48	55 63	22 24
Farms with expenses of—							
\$1 to \$499		88	6	15	21	32	12
\$500 to \$999		50	6	11	7	2	2
\$1,000 to \$2,499		119	—	11	49	44	7
\$2,500 or more		84	5	2	5	30	36
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services—	forms \$1,000	925 830	17 22	154 96	274 211	205 193	188 250
Value of agricultural products sold directly to individuals for human consumption—	forms \$1,000	545 163	6 —	88 24	197 39	100 48	101 35
		136	11	37	13	35	24
		81	—	5	25	22	28

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.

Farms With Sales of Less Than \$20,000									
[Excludes abnormal farms, see text]									
	Total farming and other occupations	Farming							
		Age of operator							
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over	
VALUE OF MACHINERY AND EQUIPMENT¹									
Estimated market value of all machinery and equipment	forms-\$1,000-	4 885	1 132	34	119	181	238	261	299
Farms by value group		49 780	14 284	1 053	1 251	3 211	2 219	3 789	2 760
\$1 to \$4,999		1 391	252	17	13	30	69	32	91
\$5,000 to \$9,999		2 057	399	—	41	47	101	99	111
\$10,000 to \$19,999		783	259	1	53	44	38	55	68
\$20,000 to \$49,999		523	177	5	8	49	26	62	27
\$50,000 to \$99,999		120	42	11	4	11	3	13	—
\$100,000 to \$199,999		10	2	—	—	—	1	—	1
\$200,000 to \$499,999		1	1	—	—	—	—	—	1
\$500,000 or more		—	—	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹									
Automobiles	farms-number	2 000	521	12	67	99	81	107	155
Motortrucks, including pickups	farms-number	2 960	848	19	200	137	118	155	219
Wheel tractors	farms-number	4 155	923	28	70	152	214	214	245
2 or 3	farms-number	5 958	1 527	69	119	257	343	351	388
4 or more	farms-number	2 561	682	16	97	110	139	166	154
	farms-number	3 515	1 038	58	127	157	195	227	274
	farms-number	619	217	11	14	33	43	46	70
	farms-number	1 412	507	33	32	80	96	101	165
	farms-number	44	20	5	4	—	1	2	8
	farms-number	205	86	25	16	—	(D)	(D)	33
Grain and bean combines, self-propelled only	farms-number	59	15	—	1	6	—	6	2
Cornpickers, corn heads, and picker-shellers	farms-number	77	16	—	(D)	6	—	6	(D)
Corn heads for combines	farms-number	10	—	—	—	—	—	—	—
Other cornpickers and picker-shellers	farms-number	10	—	—	—	—	—	—	—
Cottonpickers	farms-number	13	5	—	—	—	—	3	2
Mower conditioners	farms-number	13	5	—	—	—	—	(D)	(D)
Pickup balers	farms-number	326	112	5	2	17	11	54	23
Field forage harvesters, shear bar or flywheel type	farms-number	354	117	10	(D)	(D)	11	54	23
Lime	farms-number	357	121	5	2	14	34	40	26
	farms-number	391	137	20	(D)	(D)	34	40	26
	farms-number	131	32	—	4	5	5	11	7
	farms-number	140	32	—	4	5	5	11	7
AGRICULTURAL CHEMICALS¹									
Agricultural chemicals, including commercial fertilizer and lime	farms-\$1,000-	1 997	561	21	77	101	99	133	130
Commercial fertilizer	farms-acres on which used	1 607	666	25	29	178	53	157	225
Lime	farms-acres on which used	1 429	406	21	70	89	52	90	84
	farms-acres on which used	27 146	11 050	424	998	4 377	784	3 086	1 381
Sprays, dusts, granules, fumigants, etc to control—									
Insects on hay and other crops	farms-acres on which used	544	177	15	11	24	40	56	31
Nemotodes in crops	farms-acres on which used	12 308	4 810	205	37	1 454	732	1 872	510
Diseases in crops and orchards	farms-acres on which used	83	7	5	—	—	—	2	—
Weeds, grass, or brush in crops and pasture	farms-acres on which used	913	205	(D)	—	—	—	(D)	—
	farms-acres on which used	237	66	—	—	25	11	7	23
	farms-acres on which used	3 138	1 100	—	—	637	106	100	257
	farms-acres on which used	573	157	—	12	43	42	39	21
	farms-acres on which used	38 815	26 690	—	70	2 241	884	1 377	22 118
Chemicals for—									
Defoliation or for growth control of crops, or thinning of fruit	farms-acres on which used	198	33	5	—	—	15	12	1
Insect control on livestock and poultry	farms-acres on which used	3 540	783	175	—	—	353	(D)	(D)
Sanitation and rodent and bird control	farms-acres on which used	542	152	—	22	22	30	31	47
	farms-acres on which used	196	77	—	13	10	18	12	24
LIVESTOCK									
Cattle and calves inventory	farms-number	2 761	621	21	44	69	135	136	216
Farms with—		86 323	31 438	588	2 796	3 178	4 804	7 121	12 951
1 to 9		1 075	183	1	14	21	68	38	41
10 to 49		3 197	266	17	12	27	42	61	107
50 to 99		301	94	1	12	10	13	16	42
100 to 199		144	55	2	2	9	7	14	21
200 to 499		37	19	—	3	2	5	6	3
500 or more		7	4	—	1	—	—	1	2
Cows and heifers that had calved	farms-number	2 135	501	4	34	54	109	118	182
Beef cows	farms-number	44 452	16 198	247	1 382	1 995	2 892	3 914	5 768
Farms with—		1 844	439	4	27	51	91	101	165
1 to 9		936	167	1	9	21	50	33	53
10 to 49		666	170	—	7	15	24	50	74
50 to 99		164	59	2	7	9	7	8	26
100 to 199		60	34	1	3	5	8	7	10
200 to 499		17	9	—	1	1	2	3	2
500 or more		1	—	—	—	—	—	—	—

See footnote at end of table

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000

	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	
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	farms \$1,000	3 753	58	707	1 041	964	678	305
Farms by value group:		35 496	1 172	6 110	10 778	7 974	6 505	2 958
\$1 to \$4,999		1 139	—	343	264	266	180	86
\$5,000 to \$9,999		1 658	24	222	448	487	310	167
\$10,000 to \$19,999		524	17	51	182	123	129	22
\$20,000 to \$49,999		346	7	76	107	85	53	18
\$50,000 to \$99,999		78	10	11	40	3	2	12
\$100,000 to \$199,999		8	—	4	—	—	4	—
\$200,000 to \$499,999		—	—	—	—	—	—	—
\$500,000 or more		—	—	—	—	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	farms	1 479	16	172	410	451	289	141
number		2 112	30	306	569	604	412	191
Motortrucks, including pickups	farms	3 232	58	629	897	810	607	231
number		4 431	71	834	1 213	1 123	901	289
Wheel tractors	farms	1 879	37	303	513	533	303	190
number		2 477	41	409	728	638	391	270
2 or 3	farms	402	—	77	118	98	57	52
number		905	—	167	294	199	121	124
4 or more	farms	24	1	4	10	1	6	2
number		119	(D)	20	49	(D)	30	(D)
Grain and bean combines, self-propelled only	farms	44	—	—	—	10	26	8
number		61	—	—	—	10	43	8
Cornpickers, corn heads, and picker-shellers	farms	10	—	—	—	10	—	—
number		10	—	—	—	10	—	—
Corn heads for combines	farms	10	—	—	—	10	—	—
number		10	—	—	—	10	—	—
Other cornpickers and picker-shellers	farms	—	—	—	—	—	—	—
number		—	—	—	—	—	—	—
Cottonpickers	farms	8	5	3	—	—	—	—
number		8	5	3	—	—	—	—
Mower conditioners	farms	214	10	61	50	30	16	47
number		237	10	80	52	32	16	47
Pickup balers	farms	236	6	61	61	37	44	27
number		254	6	79	61	37	44	27
Field forage harvesters, shear bar or flywheel type	farms	99	—	17	42	12	20	8
number		108	—	20	48	12	20	8
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	farms	1 436	21	193	405	405	298	114
\$1,000		940	42	142	243	204	229	81
Commercial fertilizer	farms	1 023	17	142	285	267	218	94
Lime	acres on which used	16 096	539	3 919	4 524	2 685	3 306	1 123
farms		—	—	—	—	—	—	—
acres on which used		—	—	—	—	—	—	—
tons		—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms	367	17	61	67	102	95	25
acres on which used		7 498	473	742	2 202	1 617	1 974	490
Nematodes in crops	farms	76	—	17	5	18	31	5
acres on which used		708	—	245	70	87	251	55
Diseases in crops and orchards	farms	171	—	22	30	59	38	22
acres on which used		2 038	—	114	582	786	419	137
Weeds, grass, or brush in crops and pasture	farms	416	17	83	67	118	102	29
acres on which used		12 125	503	1 247	1 388	2 776	5 330	881
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	farms	165	11	23	29	55	34	13
acres on which used		2 757	401	391	474	894	502	95
Insect control on livestock and poultry	farms	390	10	69	112	121	58	20
Sanitation and rodent and bird control	farms	119	—	10	40	28	36	5
LIVESTOCK								
Cattle and calves inventory	farms	2 140	23	234	716	557	429	181
number		54 885	554	5 149	12 447	14 901	16 182	5 652
Farms with—								
1 to 9		892	11	107	361	242	119	52
10 to 49		931	7	103	282	239	196	104
50 to 99		207	5	16	59	42	71	14
100 to 199		89	—	6	11	28	36	8
200 to 499		18	—	1	3	4	7	3
500 or more		3	—	1	—	2	—	—
Cows and heifers that had calved	farms	1 634	15	167	538	423	344	147
number		28 254	341	2 581	5 262	8 156	9 084	2 830
Beef cows	farms	1 405	15	158	424	371	309	128
number		27 446	341	2 513	4 969	7 945	8 889	2 789
Farms with—								
1 to 9		769	6	89	279	209	131	55
10 to 49		496	7	55	132	119	123	60
50 to 99		105	2	11	9	30	43	10
100 to 199		26	—	2	4	10	8	2
200 to 499		8	—	1	—	2	4	1
500 or more		1	—	—	—	1	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

Farms With Sales of Less Than \$20,000

Total farming and other occupations	Total	Farming						
		Age of operator						65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years		
LIVESTOCK — Con.								
Cattle and calves inventory — Con.								
Cows and heifers that had calved — Con.								
Milk cows	farms number	608 1 099	142 291	1 (D)	12 (D)	16 36	36 92	34 60
Farms with —								
1 to 4		586	135	1	12	16	32	32
5 to 9		18	4	—	—	—	1	2
10 to 49		4	3	—	—	—	3	—
50 to 99		—	—	—	—	—	—	—
100 to 199		—	—	—	—	—	—	—
200 to 499		—	—	—	—	—	—	—
500 or more		—	—	—	—	—	—	—
Heifers and heifer calves	farms number	1 789 20 262	441 7 765	20 131	26 642	48 552	73 931	109 1 724
Steers, steer calves, bulls, and bull calves	farms number	2 156 21 609	490 7 475	21 210	41 772	52 631	80 981	111 1 483
Cattle and calves sold	farms number	2 479 38 326	573 12 619	21 236	78 1 756	64 1 347	83 1 871	118 2 599
Calves	farms number	\$1,000 9 860	3 101	44	433	329	488	652 1 154
Cattle	farms number	\$1,000 1 581	370	21	21	45	51	73 159
Fattened on grain and concentrates	farms number	\$1,000 5 709	7 357	236	634	825	1 153	1 442 3 067
Hogs and pigs inventory	farms number	1 002 39 692	152 9 039	17 51	30 5 467	11 233	56 2 046	15 259
Farms with —								
1 to 9		542	74	17	12	7	19	8 11
10 to 49		199	31	—	1	2	15	6 7
50 to 99		37	25	—	1	1	21	— 1
100 to 199		205	6	—	1	1	1	— 3
200 to 499		19	16	—	15	—	—	1
500 or more		—	—	—	—	—	—	—
Used or to be used for breeding	farms number	605 13 211	107 6 396	17 34	18 5 298	4 23	41 769	10 53
Other	farms number	933 26 481	127 2 643	17	14	11	54	14 206
Hogs and pigs sold	farms number	692 11 851	84 1 955	—	4	10	42	11 314
Feeder pigs sold	farms number	912 3 522	122 869	—	12	8	48	16 398
Litters of pigs farrowed between —								
Dec. 1 of preceding year and Nov. 30	farms number	605 3 841	96 571	17 34	3 25	8 22	41 194	10 72
Dec. 1 and May 31	farms number	532 3 040	85 346	17 (D)	3 (D)	7 (D)	40 153	8 57
June 1 and Nov. 30	farms number	229 801	57 225	17 (D)	2 (D)	4 (D)	13 41	7 15
Sheep and lambs of all ages inventory	farms number	289 6 933	48 2 115	—	6	7	9	13 388
Ewes 1 year old or older	farms number	218 3 721	40 924	—	5	6	8	10 141
Sheep and lambs sold	farms number	226 5 751	37 974	—	7	4	8	9 185
Sheep and lambs shorn	farms number	191 4 494	32 1 386	—	4	3	7	8 267
	pounds of wool	28 684	6 512	—	1 054	502	257	232 1 693
Horses and ponies inventory	farms number	2 250 11 692	485 3 023	1 (D)	81 (D)	68 586	111 451	90 468
Horses and ponies sold	farms number	786 2 376	115 256	17 17	8 17	23 72	27 65	18 41
Goats inventory	farms number	\$1,000 360	1 566	2	10	74	86	61 46
Goats sold	farms number	2 848 1 297	142 151	—	198 76	143 (D)	190 (D)	80 2
POLYCHY								
Chickens 3 months old or older inventory	farms number	1 303 42 859	313 12 099	17 255	66 4 897	42 1 127	79 2 846	48 1 416
Farms with —								
1 to 399		1 302	313	17	66	42	79	48 61
400 to 3,199		1	—	—	—	—	—	—
3,200 to 9,999		—	—	—	—	—	—	—
10,000 to 19,999		—	—	—	—	—	—	—
20,000 to 49,999		—	—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—	—
Hens and pullets of laying age	farms number	1 283 35 565	310 11 396	17 255	66 4 822	41 916	78 2 568	47 1 329
Pullets 3 months old or older not of laying age	farms number	265 7 294	44 703	—	3 75	14 211	16 278	7 87

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
LIVESTOCK — Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows	farms... number...	466 808	—	38 68	172 293	122 211	107 195
Farms with—							
1 to 4		451	—	36	170	114	105
5 to 9		14	—	1	2	8	2
10 to 49		1	—	—	—	—	—
50 to 99		—	—	—	—	—	—
100 to 199		—	—	—	—	—	—
200 to 499		—	—	—	—	—	—
500 or more		—	—	—	—	—	—
Heifers and heifer calves	farms... number...	1 348 12 497	8 90	116 1 065	413 2 760	365 3 107	317 3 953
Steers, steer calves, bulls, and bull calves	farms... number...	1 666 14 134	17 123	165 1 503	517 4 425	465 3 638	356 3 145
Cattle and calves sold	farms... number...	1 906 25 707	19 300	199 2 838	650 6 529	464 6 586	398 6 846
Calves	farms... number...	1 211 13 701	11 127	126 1 279	415 3 374	289 3 690	247 3 660
Cattle	farms... number...	2 658 1 337	34 15	212 149	601 423	731 338	773 305
Fattened on grain and concentrates	farms... number...	320 1 493	6 35	39 119	125 593	78 333	54 280
Hogs and pigs inventory	farms... number...	850 30 653	15 107	260 23 568	316 3 935	141 1 258	102 1 407
Farms with—							
1 to 9		468	9	44	246	105	55
10 to 49		168	6	23	59	33	43
50 to 99		12	—	4	2	2	2
100 to 199		199	—	188	8	1	1
200 to 499		3	—	1	1	—	—
500 or more		—	—	—	—	—	—
Used or to be used for breeding	farms... number...	498 6 815	8 12	228 4 877	104 1 203	80 343	73 341
Other	farms... number...	806 23 838	14 95	245 18 691	305 2 732	137 915	89 1 066
Hogs and pigs sold	farms... number...	608 9 896	9 91	238 3 650	221 3 537	70 1 318	59 839
Feeder pigs sold	farms... number...	789 92	7 2	344 12	270 43	89 15	52 341
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms... number...	509 3 270	8 20	230 2 214	113 540	76 223	77 211
Dec. 1 and May 31	farms... number...	447 2 694	7 11	221 2 167	81 194	63 133	62 158
June 1 and Nov. 30	farms... number...	172 576	5 9	20 47	85 346	33 90	5 53
Sheep and lambs of all ages inventory	farms... number...	241 4 818	3 14	26 381	100 2 133	49 1 162	42 885
Ewes 1 year old or older	farms... number...	178 2 797	2 (D)	22 (D)	79 1 502	38 561	30 415
Sheep and lambs sold	farms... number...	189 4 777	2 (D)	25 (D)	75 2 728	48 866	62 675
Sheep and lambs shorn	farms... number...	159 3 108	1 (D)	26 (D)	64 1 086	37 856	31 617
	pounds of wool...	22 172	(D)	(D)	8 500	6 265	4 218
Horses and ponies inventory	farms... number...	1 765 8 669	16 59	263 1 148	640 2 947	448 2 305	291 1 656
Horses and ponies sold	farms... number...	671 2 120	4 15	139 811	267 584	152 422	79 215
Goats inventory	farms... number...	1 252 2 180	12 43	255 117	433 1 079	351 502	146 327
Goats sold	farms... number...	127 1 146	1 (D)	10 (D)	82 776	25 138	5 94
	\$1,000...	49	(D)	(D)	36	6	5 (Z)
POULTRY							
Chickens 3 months old or older inventory	farms... number...	990 30 760	10 465	125 2 547	360 11 676	275 10 169	163 4 309
Farms with—							
1 to 399		989	10	125	359	275	163
400 to 3,199		1	—	—	1	—	57
3,200 to 9,999		—	—	—	—	—	—
10,000 to 19,999		—	—	—	—	—	—
20,000 to 49,999		—	—	—	—	—	—
50,000 to 99,999		—	—	—	—	—	—
100,000 or more		—	—	—	—	—	—
Hens and pullets of laying age	farms... number...	973	10 (D)	120 2 223	351 8 848	273 7 209	162 4 020
Pullets 3 months old or older not of laying age	farms... number...	221 6 591	1 (D)	36 324	102 2 828	51 2 960	25 289

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.

Farms With Sales of Less Than \$20,000									[Excludes abnormal farms; see text]	
	Total forming and other occupations	Farming							65 years and over	
		Age of operator								
		Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over		
POULTRY —Con.										
Chickens 3 months old or older sold	farms number	169 15 942	62 8 105	—	46 4 345	6 140	4 3 254	2 (D)	4 (D)	
Broilers and other meat-type chickens sold	farms number	28 1 048	7 454	—	—	5 (D)	—	—	2 (D)	
Farms with—										
1 to 1,999		28	7	—	—	5	—	—	2	
2,000 to 15,999		—	—	—	—	—	—	—	—	
16,000 to 29,999		—	—	—	—	—	—	—	—	
30,000 or more		—	—	—	—	—	—	—	—	
Turkey hens kept for breeding	farms number	76 251	12 27	—	3 11	3 8	1 (D)	4 (D)	1 (D)	
Turkeys sold	farms number	37 755	11 564	—	3 99	5 421	1 (D)	2 (D)	—	
CROPS HARVESTED										
Corn for all purposes	farms acres	123 1 384	30 567	—	3 13	8 344	3 14	7 63	9 133	
For grain or seed	farms acres	85 625	18 266	—	1 (D)	4 (D)	3 14	5 56	5 75	
Irrigated	bushels farms acres	27 006 81 570	12 117 17 216	—	(D) 1 (D)	(D) 3 (D)	593 3 14	2 768 2 56	5 415 5 75	
Farms by acres harvested:										
1 to 24 acres		75	13	—	1	1	3	4	4	
25 to 99 acres		10	5	—	—	3	—	1	1	
100 to 499 acres		—	—	—	—	—	—	—	—	
500 acres or more		—	—	—	—	—	—	—	—	
Sorghums for grain or seed	farms acres	29 971	23 799	1 (D)	—	7 90	2 (D)	10 300	3 57	
Irrigated	bushels farms acres	55 351 29 971	43 574 23 799	—	1 (D)	6 372 7 90	2 2 (D)	21 349 10 300	3 986 3 57	
Farms by acres harvested:										
1 to 24 acres		17	14	—	—	5	1	6	2	
25 to 99 acres		11	8	1	—	2	—	4	1	
100 to 499 acres		1	1	—	—	—	1	—	—	
500 acres or more		—	—	—	—	—	—	—	—	
Wheat for grain	farms acres	89 961	16 372	—	3 76	2 (D)	3 (D)	3 75	5 122	
Irrigated	bushels farms acres	48 672 88 926	15 758 16 372	—	5 469 3 76	(D) 2 (D)	(D) 3 3	3 668 3 75	1 811 5 122	
Farms by acres harvested:										
1 to 24 acres		74	9	—	2	1	2	1	3	
25 to 99 acres		15	7	—	1	1	—	2	2	
100 to 499 acres		—	—	—	—	—	—	—	—	
500 acres or more		—	—	—	—	—	—	—	—	
Barley for grain	farms acres	50 1 502	19 680	1 (D)	2 (D)	2 (D)	5 243	5 141	6 84	
Irrigated	bushels farms acres	86 862 50 1 502	42 032 19 680	—	2 (D)	2 (D)	14 447 5 243	9 198 3 141	3 601 6 84	
Cotton	farms acres	101 2 959	53 1 941	2 (D)	8 (D)	8 384	8 250	12 560	15 456	
Irrigated	bales farms acres	3 109 101 2 959	1 883 53 1 941	—	2 (D)	8 305	8 242	12 445	15 579	
Farms by acres harvested:										
1 to 24 acres		51	16	1	2	2	3	2	6	
25 to 99 acres		46	33	1	6	4	5	8	9	
100 to 499 acres		4	4	—	—	2	—	2	—	
500 acres or more		—	—	—	—	—	—	—	—	
Irish potatoes	farms acres	3 15	3 15	—	—	—	—	—	3 15	
Irrigated	hundredweight farms acres	1 400 3 15	1 400 15	—	—	—	—	—	1 400 3 15	
Farms by acres harvested:										
0.1 to 0.9 acres		—	—	—	—	—	—	—	—	
1.0 to 4.9 acres		2	2	—	—	—	—	—	2	
5.0 to 24.9 acres		1	1	—	—	—	—	—	1	
25.0 to 99.9 acres		—	—	—	—	—	—	—	—	
100.0 acres or more		—	—	—	—	—	—	—	—	
Sugar beets for sugar	farms acres	— —	— —	—	—	—	—	—	—	
Irrigated	tons farms acres	— —	— —	—	—	—	—	—	—	
Hay crops (see text)	farms acres	897 18 166	245 6 701	4 131	27 813	29 1 177	45 1 197	61 1 640	79 1 743	
Irrigated	tons, dry farms acres	53 843 883 17 105	20 113 240 6 242	520 4 131	2 010 27 813	2 609 27 945	3 684 43 1 037	5 622 60 1 613	5 668 79 1 703	
Farms by acres harvested:										
1 to 24 acres		681	138	2	16	9	24	32	55	
25 to 99 acres		201	101	2	10	19	19	28	23	
100 to 499 acres		15	6	—	1	1	2	1	1	
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.

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 number	107 7 837	1 (D)	14 (D)	66 2 329	11 4 377	14 616	1 (D)
Broilers and other meat-type chickens sold	farms number	21 594	— (D)	3 318	11 170	6 —	1 —	—
Farms with—								
1 to 1,999		21	—	3	11	6	1	—
2,000 to 15,999		—	—	—	—	—	—	—
16,000 to 29,999		—	—	—	—	—	—	—
30,000 or more		—	—	—	—	—	—	—
Turkey hens kept for breeding	farms number	64 224	1 (D)	6 (D)	37 115	5 12	9 53	6 16
Turkeys sold	farms number	26 191	— (D)	9 24	9 27	3 21	5 119	— —
CROPS HARVESTED								
Corn for all purposes	farms acres	93 817	1 (D)	12 (D)	49 228	16 303	9 80	6 50
For grain or seed	farms acres	67 359	— (D)	2 (D)	47 (D)	9 126	6 29	3 33
Irrigated	farms acres	14 889 354	— (D)	— (D)	— (D)	5 495 126	1 555 29	1 718 33
Farms by acres harvested:								
1 to 24 acres		62	—	2	46	6	6	2
25 to 99 acres		5	—	—	1	3	—	1
100 to 499 acres		—	—	—	—	—	—	—
500 acres or more		—	—	—	—	—	—	—
Sorghums for grain or seed	farms acres	6 172	— (D)	1 (D)	4 (D)	— —	1 (D)	— —
Irrigated	farms acres	6 172	— (D)	— (D)	1 (D)	— —	1 (D)	— —
Farms by acres harvested:								
1 to 24 acres		3	—	—	3	—	—	—
25 to 99 acres		3	—	1	1	—	1	—
100 to 499 acres		—	—	—	—	—	—	—
500 acres or more		—	—	—	—	—	—	—
Wheat for grain	farms acres	73 589	— —	9 145	52 179	6 131	5 80	1 (D)
Irrigated	farms acres	32 914 72	— —	7 259 9	8 151 52	8 506 5	8 506 5	1 (D)
Farms by acres harvested:								
1 to 24 acres		65	—	7	52	3	3	—
25 to 99 acres		8	—	2	—	3	2	1
100 to 499 acres		—	—	—	—	—	—	—
500 acres or more		—	—	—	—	—	—	—
Barley for grain	farms acres	31 822	2 (D)	1 (D)	8 172	10 315	8 110	2 (D)
Irrigated	farms acres	44 830 822	— (D)	— (D)	7 369 172	18 262 315	6 065 110	2 (D)
Cotton	farms acres	48 1 018	5 100	10 146	6 140	20 489	5 (D)	2 (D)
Irrigated	farms acres	48 1 018	5 100	10 146	6 140	20 489	5 (D)	2 (D)
Farms by acres harvested:								
1 to 24 acres		35	4	8	4	14	4	1
25 to 99 acres		13	1	2	2	6	1	1
100 to 499 acres		—	—	—	—	—	—	—
500 acres or more		—	—	—	—	—	—	—
Irish potatoes	farms acres	— —	— —	— —	— —	— —	— —	— —
Irrigated	farms acres	— —	— —	— —	— —	— —	— —	— —
Farms by acres harvested:								
0.1 to 0.9 acres		—	—	—	—	—	—	—
1.0 to 4.9 acres		—	—	—	—	—	—	—
5.0 to 24.9 acres		—	—	—	—	—	—	—
25.0 to 99.9 acres		—	—	—	—	—	—	—
100.0 acres or more		—	—	—	—	—	—	—
Sugar beets for sugar	farms acres	— —	— —	— —	— —	— —	— —	— —
Irrigated	farms acres	— —	— —	— —	— —	— —	— —	— —
Hay crops (see text)	farms acres	652 11 465	10 254	80 1 289	213 3 129	175 3 308	123 2 355	51 1 130
Irrigated	farms acres	33 730 643	980 10	4 569 78	8 447 211	10 203 172	6 701 122	2 830 50
Farms by acres harvested:								
1 to 24 acres		543 100	8 2	70 9	194 17	141 29	91 32	39 11
25 to 99 acres		— —	— —	— —	— —	— —	— —	— —
100 to 499 acres		9 —	— —	1 —	2 —	5 —	— —	— —
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	Total	Farming					
		Age of operator					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
CROPS HARVESTED—Con.							
Alfalfa hay	farms acres	749 13 102	204 4 726	4 59	19 496	19 445	35 817
Irrigated	tons, dry	45 796	18 076	376	1 810	1 830	3 451
	farms acres	749 13 102	204 4 726	4 59	19 496	19 445	35 817
All vegetables harvested for sale (see text)	farms acres	232 738	75 427	1 (D)	6 (D)	12 66	16 150
Irrigated	farms acres	232 738	75 427	1 (D)	6 (D)	12 66	16 150
Farms by acres harvested:							
0.1 to 4.9 acres		190	44	—	2	6	4
5.0 to 24.9 acres		42	31	1	4	6	12
25.0 to 99.9 acres		—	—	—	—	—	3
100.0 acres or more		—	—	—	—	—	—
Land in orchards	farms acres	827 9 717	189 3 808	1 (D)	9 (D)	28 1 930	52 808
Irrigated	farms acres	827 9 717	189 3 808	1 (D)	9 (D)	28 1 930	52 808
Farms by acres in orchards:							
0.1 to 4.9 acres		430	91	—	6	8	28
5.0 to 24.9 acres		326	71	1	2	12	17
25.0 to 99.9 acres		63	22	—	1	5	5
100.0 acres or more		8	5	—	—	3	2

See footnote at end of table.

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

[Excludes abnormal farms; see text.]

Farms With Sales of Less Than \$20,000

CROPS HARVESTED—Con.

	Total	Other occupations					
		Under 25 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Alfalfa hay	farms 8 376	545 84	8 1 099	66 2 103	183 2 517	144 1 986	100 587
Irrigated	tons, dry 27 720	27 720 300	300 4 151	6 322 66	9 173 183	5 606 144	2 168 100
All vegetables harvested for sale (see text)	farms 311	157 311	— —	12 32	96 140	39 114	2 (D)
Irrigated	acres 311	157 311	— —	12 32	96 140	39 114	2 (D)
Farms by acres harvested:							
0.1 to 4.9 acres	farms 11	146 11	— —	10 2	93 3	36 3	1 1
5.0 to 24.9 acres	acres 5 909	5 909 638	49 8	764 60	1 189 127	1 779 204	1 447 168
25.0 to 99.9 acres	farms 5 909	5 909 49	— 764	— 1 189	— 1 779	— 1 447	— 1 447
100.0 acres or more	acres 3	3	—	1	1	1	—
Land in orchards	farms 5 909	638 5 909	8 49	60 764	127 1 189	204 1 779	168 1 447
Irrigated	acres 5 909	5 909 638	— 8	— 60	— 127	— 204	— 168
Farms by acres in orchards:							
0.1 to 4.9 acres	farms 255	339 255	1 7	25 31	78 39	115 75	88 69
5.0 to 24.9 acres	acres 41	41 3	— —	3 1	9 1	13 1	11 —
25.0 to 99.9 acres	farms 3	3	—	1	1	1	—
100.0 acres or more	acres —	—	—	—	—	—	—

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

Table 33. Summary by Size of Farm: 1978

[Excludes abnormal farms; see text]

All Farms

Farms and Land in Farms

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Farms	7 568	1 830	1 751	213	386	291
Land in farms	100.0	24.1	23.1	2.8	5.1	3.8
Average size of farm	acres	6 459	41 513	12 228	31 408	34 235
Value of land and buildings ¹	farms	2 323	4	24	57	81
\$1,000.	\$1,000.	7 568	1 821	1 768	210	385
Average per farm	dollars	5 535 286	105 092	180 129	54 585	98 501
Average per acre	dollars	731 406	57 710	101 882	259 928	70 552
		317	16 007	4 282	4 561	254 699
						2 228

Farms by value of land and buildings:

\$1 to \$19,999	587	404	149	-	4	22
\$20,000 to \$39,999	869	447	289	7	71	31
\$40,000 to \$69,999	958	380	384	18	34	22
\$70,000 to \$99,999	805	281	335	13	41	17
\$100,000 to \$149,999	720	181	248	41	20	28
\$150,000 to \$199,999	445	56	109	32	47	29
\$200,000 to \$499,999	1 333	67	230	66	122	95
\$500,000 to \$999,999	770	5	22	25	26	28
\$1,000,000 or more	1 081	-	2	8	20	5

Owned and rented land by operator:

Land owned	farms	6 557	1 528	1 608	190	339	264
Land rented or leased from others	farms	5 898 899	15 433	48 205	12 502	27 678	29 616
Land rented or leased to others	farms	2 762	351	314	61	95	81
	acres	12 288 704	39 048	6 784	2 476	6 326	8 894
	acres	509	73	126	15	29	28
	acres	607 064	48 022	13 476	2 750	2 596	4 275

Land in Farms According to Use

Total cropland	farms	5 454	1 121	1 377	188	356	240
Harvested cropland	farms	1 505 944	3 768	26 559	8 598	20 664	22 700
	acres	3 934	535	974	135	295	189
	acres	1 083 927	1 730	14 717	4 880	12 895	12 223
Farms by acres harvested:							
1 to 49 acres		2 100	535	974	76	154	77
50 to 99 acres		347	-	-	59	141	48
100 to 199 acres		325	-	-	-	-	64
200 to 499 acres		532	-	-	-	-	-
500 to 999 acres		371	-	-	-	-	-
1,000 to 1,999 acres		162	-	-	-	-	-
2,000 acres or more		97	-	-	-	-	-

Cropland:

Posture or grazing only	farms	2 065	590	533	72	108	108
	acres	137 052	1 720	7 528	2 204	4 953	6 889

Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	108	8	34	3	3	3
	acres	3 643	28	171	27	30	30
On which all crops failed	farms	225	13	57	14	15	41
	acres	12 212	50	1 699	418	250	1 187
In cultivated summer fallow	farms	264	5	11	5	5	10
	acres	95 380	9	67	75	118	232
Idle	farms	1 138	100	210	40	65	47
	acres	173 730	231	2 377	994	2 418	2 139

Total woodland	farms	201	14	39	18	23	9
	acres	101 843	31	451	585	959	355
Woodland pastured	farms	125	3	22	12	13	9
	acres	93 337	5	233	327	641	(D)
Woodland not pastured	farms	93	11	20	7	11	1
	acres	8 506	26	218	258	318	(D)

Postureland and rangeland other than cropland and woodland pastured	farms	2 260	96	348	39	107	97
	acres	15 750 997	270	7 481	1 520	5 891	8 367
Land in house lots, ponds, roads, wasteland, etc.	farms	3 991	1 120	901	112	242	153
	acres	221 755	2 390	7 022	1 525	3 894	2 813

Pastureland, all types	farms	3 930	682	851	108	206	181
	acres	15 981 386	1 995	15 242	4 051	11 485	15 610
Irrigated land	farms	4 809	828	1 213	163	339	216
	acres	1 171 515	2 783	18 784	6 119	15 300	15 198
Harvested cropland irrigated	farms	3 870	495	966	134	295	188
	acres	1 080 099	1 665	14 588	4 828	12 895	12 143
Postureland irrigated	farms	1 364	369	391	50	68	47
	acres	58 881	1 043	3 817	1 144	2 100	1 674
Other land irrigated	farms	381	36	52	8	16	45
	acres	32 535	75	379	147	305	1 381

Land set aside in the federal farm programs in 1978	farms	346	-	4	1	15	7
	acres	21 366	-	(D)	(D)	132	63

All operators	number	7 568	1 830	1 751	213	386	291
Full owners	number	4 826	1 482	1 439	152	292	211
Part owners	number	1 698	42	161	38	44	53
Tenants	number	1 044	306	151	23	50	27
White	number	7 150	1 687	1 682	201	372	273
Full owners	number	4 573	1 347	1 391	148	284	205
Part owners	number	1 588	42	146	32	42	45
Tenants	number	989	298	145	21	46	23
Black and other races	number	418	143	69	12	14	18
Full owners	number	253	135	48	4	8	6
Part owners	number	110	-	15	6	2	4
Tenants	number	55	8	6	2	4	4

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms and Land in Farms**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Farms	264	145	145	565	645	472	861
number	3.4	1.9	1.9	7.4	8.5	6.2	11.3
percent							
Land in farms	41 625	28 601	34 322	204 495	447 624	654 024	16 044 005
acres	158	197	237	362	694	1 386	18 634
Average size of farm							835
Value of land and buildings¹	250	185	120	590	666	461	835
farms	\$1,000	dollars					
88 802	69 530	64 187	349 449	658 484	590 735	3 205 241	
dollars	355 206	375 837	534 892	592 286	988 715	1 281 421	3 838 611
dollars	2 249	1 864	2 244	1 665	1 431	921	201
Average per farm							
Average per acre							
Farms by value of land and buildings:							
\$1 to \$19,999	6	2	—	—	—	—	—
\$20,000 to \$39,999	4	—	1	9	3	3	4
\$40,000 to \$69,999	25	17	6	40	9	12	11
\$70,000 to \$99,999	41	4	6	38	10	10	9
\$100,000 to \$149,999	24	14	17	45	34	62	6
\$150,000 to \$199,999	26	24	9	49	18	21	25
\$200,000 to \$499,999	50	74	39	212	179	60	139
\$500,000 to \$999,999	60	42	23	104	205	89	141
\$1,000,000 or more	14	8	19	93	208	204	500
Owned and rented land by operator:							
Land owned	farms	210	117	128	466	536	416
acres	33 087	19 597	32 147	144 825	307 400	372 158	4 856 251
Land rented or leased from others	farms	89	59	63	271	375	315
acres	12 590	13 187	25 157	72 153	192 628	306 711	11 602 750
Land rented or leased to others	farms	22	14	14	36	47	33
acres	4 052	4 183	22 982	12 483	52 404	24 845	414 996
Land in Farms According to Use							
Total cropland	farms	209	121	126	477	518	353
acres	25 733	17 918	23 793	136 286	298 209	314 167	607 549
Harvested cropland	farms	152	101	104	377	467	293
acres	15 537	11 052	16 712	88 576	222 688	243 171	439 746
Farms by acres harvested:							
1 to 49 acres	41	39	20	63	31	20	70
50 to 99 acres	19	8	5	14	13	12	28
100 to 199 acres	92	38	26	58	13	8	26
200 to 499 acres	—	16	53	242	169	27	25
500 to 999 acres	—	—	—	—	241	107	23
1,000 to 1,999 acres	—	—	—	—	—	119	43
2,000 acres or more	—	—	—	—	—	—	97
Cropland:							
Posture or grazing only	farms	82	40	37	167	112	96
acres	7 306	3 760	4 844	29 280	30 357	11 638	26 573
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	6	2	4	11	22	6
acres	(D)	(D)	79	506	1 207	1 155	180
On which all crops failed	farms	5	5	5	25	25	10
acres	(D)	(D)	107	1 678	2 831	1 769	1 909
In cultivated summer fallow	farms	9	4	5	42	74	48
acres	258	63	178	3 679	12 721	17 373	60 607
Idle	farms	43	30	32	141	184	156
acres	2 368	2 763	1 873	12 567	28 405	39 061	78 534
Total woodland	farms	16	8	9	18	15	8
acres	1 135	451	1 102	2 236	2 926	5 007	86 605
Woodland pastured	farms	12	2	5	8	12	7
acres	612	(D)	433	882	2 227	4 817	82 641
Woodland not pastured	farms	9	6	5	10	4	3
acres	523	(D)	669	1 354	699	190	3 964
Pastureland and rangeland other than cropland and woodland pastured	farms	66	47	37	207	224	257
acres	7 965	6 868	5 763	48 961	121 497	300 433	15 235 981
Land in house lots, ponds, roads, wasteland, etc.	farms	144	72	72	285	356	229
acres	6 792	3 364	3 664	17 012	24 992	34 417	305
Pastureland, all types	farms	131	75	63	305	300	280
acres	15 883	10 793	11 040	79 123	154 081	316 888	15 345 195
Irrigated land	farms	172	110	114	439	492	356
acres	17 064	12 643	17 482	101 119	231 364	255 952	477 707
Harvested cropland irrigated	farms	150	100	103	374	466	293
acres	15 400	10 921	16 532	88 044	222 180	242 477	438 426
Pastureland irrigated	farms	43	26	27	115	59	49
acres	1 422	774	800	9 870	3 797	7 618	24 822
Other land irrigated	farms	10	14	5	43	44	69
acres	242	948	150	3 205	5 387	5 857	39
Land set aside in the federal farm programs in 1978	farms	11	15	11	73	92	63
acres	143	309	133	2 759	6 087	4 761	54
							6 892
Race and Tenure of Operator							
All operators	number	264	145	145	565	645	472
Full owners	number	178	86	83	295	271	162
Part owners	number	31	31	45	164	262	252
Tenants	number	55	28	17	106	112	58
White	number	241	133	136	550	620	410
Full owners	number	167	80	79	288	261	152
Part owners	number	27	28	41	163	251	202
Tenants	number	47	25	16	99	108	56
Black and other races	number	23	12	9	15	25	62
Full owners	number	11	6	4	7	10	16
Part owners	number	4	3	4	1	11	50
Tenants	number	8	3	1	7	4	6

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**Farms by Type of Organization**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Individual or family	5 917	1 677	1 512	163	303	245
farms	8 027	280	5 969	35 599	9 365	28 835
acres	942	106	170	33	50	30
Partnership	3 333	150	349	4 301	1 867	4 077
farms						
acres						
Corporations:						
Family held	525	28	42	12	17	9
farms	4 758	140	982	707	1 375	1 008
acres	26	1	1	—	1	—
More than 10 stockholders	499	27	41	12	16	9
farms	1 179	34	260	(D)	570	391
10 or less stockholders	114	5	12	2	7	3
farms	80	3	9	2	3	3
Other than family held	70	14	15	3	9	4
farms	282	32	371	(D)	732	483
acres						

Operator Characteristics

Operators by place of residence:

On farm operated	4 992	1 419	1 238	139	245	185
Not on farm operated	1 936	251	417	56	116	81
Operators by age group:						
Under 25 years	127	29	45	4	9	2
25 to 34 years	1 122	431	246	26	48	26
35 to 44 years	1 764	568	367	40	100	81
45 to 54 years	1 981	401	545	54	82	70
55 to 64 years	1 637	253	357	61	103	61
65 years and over	937	148	191	28	44	51
Average age	48.5	44.5	48.0	49.9	49.4	50.3

Operators by sex:

Male	7 102	1 706	1 602	204	372	266
Female	466	124	149	9	14	25
Operators of Spanish origin	590	287	70	13	25	21

Operators by principal occupation:

Farming	3 279	340	503	95	164	116
Other	4 289	1 490	1 248	118	222	175

Operators reporting days of work off farm:

None	2 810	317	477	74	114	101
1 to 99 days	588	91	89	23	40	51
100 to 199 days	572	135	145	25	30	18
200 days or more	3 384	1 262	998	83	190	107

Farms by Size

1 to 9 acres	1 830	1 830	—	—	—	—
10 to 49 acres	1 751	—	1 751	—	—	—
50 to 69 acres	213	—	—	213	—	—
70 to 99 acres	386	—	—	—	386	—
100 to 139 acres	291	—	—	—	—	291
140 to 179 acres	264	—	—	—	—	—
180 to 219 acres	145	—	—	—	—	—
220 to 259 acres	145	—	—	—	—	—
260 to 499 acres	565	—	—	—	—	—
500 to 999 acres	645	—	—	—	—	—
1,000 to 1,999 acres	472	—	—	—	—	—
2,000 acres or more	861	—	—	—	—	—

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

Cash grain farms (011)	141	5	20	7	7	9
Field crop, except cash grain farms (013)	1 592	57	277	35	117	58
Cotton farms (0131)	1 035	8	52	14	51	33
Tobacco farms (0132)	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	557	49	225	21	66	25
Vegetable and melon farms (016)	192	28	61	12	9	9
Fruit and tree nut farms (017)	671	164	296	41	36	31
Horticultural specialty farms (018)	153	95	43	1	4	3
General farms, primarily crop (019)	124	9	13	4	7	4

Livestock farms, except dairy, poultry, and animal specialty (021)

Beef cattle farms, except feedlots (0212)	3 618	1 006	668	73	135	154
Dairy farms (024)	2 631	488	421	53	114	101
Poultry and egg farms (025)	183	24	86	11	17	9
Animal specialty farms (027)	74	35	34	—	2	1
General farms, primarily livestock (029)	667	383	208	21	9	7

General farms, primarily livestock (029)	153	24	45	8	43	6
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VALUE OF AGRICULTURAL PRODUCTS SOLD

Market value of agricultural products sold	forms	7 568	1 830	1 751	213	386	291
\$1,000		1 287 593	22 166	94 655	23 130	38 317	85 849
Farms by value of agricultural products sold:							
\$500,000 or more	464	7	56	9	11	5	
\$200,000 to \$499,999	549	17	31	7	11	13	
\$100,000 to \$199,999	505	16	32	8	9	13	
\$40,000 to \$99,999	681	42	55	18	43	47	
\$20,000 to \$39,999	585	44	110	35	60	36	
\$10,000 to \$19,999	628	87	161	29	34	61	
\$5,000 to \$9,999	690	132	229	20	58	22	
\$2,500 to \$4,999	880	288	258	31	33	28	
Less than \$2,500	2 586	1 197	819	56	127	66	

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
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms acres	186 29 378	109 21 358	106 25 164	412 147 792	426 293 670	302 415 451
Partnership	farms acres	55 8 736	25 5 018	29 6 855	87 31 763	115 81 673	70 98 034
Corporations:							
Family held	farms acres	16 2 457	9 (D)	7 1 623	52 (D)	85 58 324	83 115 429
More than 10 stockholders	farms acres	— —	— —	— —	— —	5 5	3 3
10 or less stockholders	farms acres	16 —	9 —	7 —	52 —	80 —	80 —
Other than family held	farms acres	5 (D)	2 (D)	— —	12 4 528	14 10 194	15 (D)
More than 10 stockholders	farms acres	— —	1 —	— —	1 —	3 —	4 —
10 or less stockholders	farms acres	5 —	1 —	— —	11 —	11 —	11 —
Other—cooperative, estate or trust, etc.	farms acres	2 (D)	— —	3 680	2 (D)	5 3 763	2 (D)
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		147	87	93	313	371	273
Not on farm operated		100	45	44	174	212	154
Operators by age group:							
Under 25 years		7	2	1	13	5	2
25 to 34 years		45	15	13	69	50	88
35 to 44 years		42	27	27	128	176	75
45 to 54 years		57	29	41	140	196	125
55 to 64 years		82	39	41	152	137	113
65 years and over		31	33	22	63	81	69
Average age		49.4	52.8	51.9	48.9	49.8	49.3
Operators by sex:							
Male		246	133	136	547	618	456
Female		18	12	9	18	27	16
Operators of Spanish origin		22	7	7	42	35	28
Operators by principal occupation:							
Farming		148	77	87	361	471	353
Other		116	68	58	204	174	119
Operators reporting days of work off farm:							
None		102	64	65	324	376	317
1 to 99 days		26	14	18	54	72	22
100 to 199 days		28	19	13	39	29	22
200 days or more		98	45	42	118	149	96
F 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		264	—	—	—	—	—
180 to 219 acres		—	145	—	—	—	—
220 to 259 acres		—	—	145	—	—	—
260 to 499 acres		—	—	—	565	—	—
500 to 999 acres		—	—	—	—	645	—
1,000 to 1,999 acres		—	—	—	—	—	472
2,000 acres or more		—	—	—	—	—	861
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		6	4	5	23	36	10
Field crop, except cash grain farms (013)		82	42	58	221	324	202
Cotton farms (0131)		56	26	41	187	275	181
Tobacco farms (0132)		—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		26	16	17	34	49	21
Vegetable and melon farms (016)		10	7	4	10	10	8
Fruit and tree nut farms (017)		14	20	8	17	20	13
Horticultural specialty farms (018)		—	—	1	2	1	1
General farms, primarily crop (019)		4	3	4	30	23	12
Livestock farms, except dairy, poultry, and animal specialty (021)		121	63	49	238	214	218
Beef cattle farms, except feedlots (0212)		91	56	44	209	196	204
Dairy farms (024)		7	2	6	12	5	2
Poultry and egg farms (025)		—	1	—	1	—	—
Animal specialty farms (027)		9	2	9	8	5	4
General farms, primarily livestock (029)		11	1	1	3	7	4
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	forms \$1,000	264	145	145	565	645	472
Farms by value of agricultural products sold:		47 520	27 341	33 307	148 895	160 598	194 671
\$500,000 or more		10	4	6	17	47	125
\$200,000 to \$499,999		5	6	7	66	211	102
\$100,000 to \$199,999		15	13	23	129	122	21
\$40,000 to \$99,999		63	30	41	96	53	32
\$20,000 to \$39,999		37	17	14	47	37	25
\$10,000 to \$19,999		24	8	12	33	32	36
\$5,000 to \$9,999		22	20	9	38	38	45
\$2,500 to \$4,999		22	18	9	63	33	67
Less than \$2,500		66	29	24	76	72	30
							35

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

Market value of agricultural products sold — Con.

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Grain	796	5	39	14	20	25
Sales of \$40,000 or more	39 481	4	136	56	137	237
Commodity Credit Corporation loans	255	—	—	—	—	—
Cotton and cottonseed	31 738	—	—	—	—	2
Sales of \$40,000 or more	78	—	—	—	—	(D)
Commodity Credit Corporation loans	1 281	8	58	18	61	40
Tobacco	335 151	24	605	386	1 513	1 522
Sales of \$40,000 or more	990	—	—	1	12	16
Field seeds, hay, forage, and silage	329 363	—	—	(D)	(D)	915
Sales of \$40,000 or more	80	—	1	1	1	3
Vegetables, sweet corn, and melons	2 792	—	(D)	(D)	(D)	8
Fruits, nuts, and berries	661	129	270	39	99	45
Sales of \$40,000 or more	68 848	233	2 997	1 161	1 406	1 439
Nursery and greenhouse products	125	—	12	11	13	11
Sales of \$40,000 or more	64 479	—	694	729	1 029	1 204
Other crops	175	98	47	1	6	3
Sales of \$40,000 or more	17 736	3 909	6 867	(D)	(D)	410
Hogs and pigs	70	25	28	—	3	2
Cattle and calves	16 750	3 225	6 725	—	415	(D)
Sales of \$40,000 or more	103	—	4	3	6	4
Sheep, lambs, and wool	18 127	—	23	(D)	(D)	120
Sales of \$40,000 or more	67	—	—	—	—	(D)
Poultry and poultry products	17 604	—	227	481	762	1 164
Dairy products	427	144	130	35	38	37
Sales of \$40,000 or more	7 523	960	5 343	3	59	96
Other livestock and livestock products (see text)	14	1	10	—	1	1
Sales of \$40,000 or more	7 370	(D)	5 289	—	(D)	(D)
Commercially mixed formula feeds	235	39	104	12	18	8
Sales of \$40,000 or more	92 236	2 115	42 797	6 149	12 276	2 303
Forms with expenses of —						
\$1 to \$4,999	2 475	938	648	44	119	88
\$5,000 to \$19,999	350	45	66	12	24	12
\$20,000 to \$49,999	124	8	20	1	6	5
\$50,000 or more	294	14	48	10	10	14
Feed for livestock and poultry	4 954	1 456	1 154	128	203	154
Sales of \$40,000 or more	216 287	5 775	36 517	6 816	14 338	21 547
Forms with expenses of —						
\$1 to \$4,999	4 069	1 400	977	100	165	106
\$5,000 to \$19,999	448	22	73	5	7	32
\$20,000 to \$49,999	121	13	11	5	2	3
\$50,000 or more	316	21	93	18	29	13
Forms by tons purchased:						
1 to 99 tons	2 105	720	488	52	104	58
100 to 499 tons	379 835	13 236	108 479	13 864	37 260	36 540
500 tons or more	53 938	1 895	16 706	2 011	4 925	5 081
Forms with expenses of —						
\$1 to \$4,999	1 867	705	405	31	80	47
\$5,000 to \$19,999	103	10	26	14	12	5
\$20,000 to \$49,999	135	5	57	7	12	6
\$50,000 or more	1 753	699	394	31	74	46
	123	11	9	6	6	2
	66	4	18	4	10	2
	163	6	67	11	14	8

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

Market value of agricultural products sold—Con.

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Grain	26	20	32	133	224	144	114
\$1,000	221	202	493	2 817	9 564	8 469	17 145
Sales of \$40,000 or more	—	—	5	15	81	70	84
\$1,000	—	—	221	878	6 954	7 038	16 647
Commodity Credit Corporation loans	—	1	3	19	22	19	12
\$1,000	—	(D)	3	207	200	200	98
Cotton and cottonseed	67	32	51	235	331	218	162
\$1,000	3 347	2 207	3 483	24 804	65 350	80 018	151 892
Sales of \$40,000 or more	37	20	33	193	315	211	152
\$1,000	2 717	1 898	3 048	23 723	64 932	79 849	151 694
Commodity Credit Corporation loans	3	7	3	20	13	14	14
\$1,000	62	57	5	1 089	266	1 157	142
Tobacco	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	53	37	50	146	185	113	103
\$1,000	1 099	629	1 135	5 607	13 579	11 775	12 354
Sales of \$40,000 or more	8	3	11	41	91	62	60
\$1,000	418	240	656	3 942	12 268	10 917	11 892
Vegetables, sweet corn, and melons	12	9	6	30	38	29	48
\$1,000	631	575	1 043	2 994	11 880	21 699	78 794
Sales of \$40,000 or more	3	5	3	13	26	23	37
\$1,000	508	539	1 005	2 776	11 668	21 579	78 669
Fruits, nuts, and berries	19	13	10	19	36	26	29
\$1,000	1 330	1 348	644	1 132	6 741	12 792	37 626
Sales of \$40,000 or more	11	7	5	17	14	19	19
\$1,000	1 294	1 211	616	928	6 617	12 674	37 482
Nursery and greenhouse products	2	—	1	7	2	5	3
\$1,000	(D)	—	(D)	353	(D)	2 227	2 785
Sales of \$40,000 or more	—	—	1	3	1	4	3
\$1,000	—	—	(D)	297	(D)	2 196	2 785
Other crops	3	1	—	9	27	18	28
\$1,000	(D)	(D)	—	299	(D)	1 935	11 375
Sales of \$40,000 or more	—	—	—	3	22	14	26
\$1,000	—	—	—	(D)	4 189	1 816	11 334
Poultry and poultry products	5	5	2	11	7	47	2
\$1,000	1	1 042	(D)	1	2	15	(D)
Sales of \$40,000 or more	—	1	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—
Dairy products	12	4	9	13	7	4	5
\$1,000	5 355	716	8 336	8 048	3 339	721	81
Sales of \$40,000 or more	7	2	7	13	5	2	—
\$1,000	5 350	(D)	8 335	8 048	3 315	(D)	—
Cattle and calves	128	70	65	279	283	265	716
\$1,000	35 074	19 644	17 045	96 636	42 790	54 201	95 321
Sales of \$40,000 or more	15	7	14	54	51	50	351
\$1,000	34 119	19 079	16 687	95 048	40 813	52 227	89 343
Hogs and pigs	11	7	3	20	18	10	6
\$1,000	53	911	10	4 952	1 271	155	18
Sales of \$40,000 or more	—	2	—	9	6	1	—
\$1,000	—	(D)	—	4 928	1 247	(D)	—
Sheep, lambs, and wool	10	8	6	10	14	10	21
\$1,000	140	32	331	1 008	1 511	440	3 484
Sales of \$40,000 or more	1	—	1	1	8	3	12
\$1,000	(D)	—	(D)	(D)	1 473	411	3 472
Other livestock and livestock products (see text)	22	13	19	38	45	32	108
\$1,000	(D)	(D)	173	244	182	224	266
Sales of \$40,000 or more	1	—	3	1	2	2	1
\$1,000	(D)	—	146	(D)	(D)	(D)	(D)
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	farms	119	32	42	172	172	137
\$1,000	24 256	12 972	6 581	48 476	28 077	21 931	35 928
Farms with expenses of—							
\$1 to \$4,999	79	15	28	127	118	81	190
\$5,000 to \$19,999	23	9	10	18	20	18	93
\$20,000 to \$49,999	4	4	1	4	10	20	41
\$50,000 or more	13	4	3	23	24	18	113
Feed for livestock and poultry	farms	190	69	57	307	302	249
\$1,000	14 550	9 272	8 706	42 077	23 962	19 340	13 388
Farms with expenses of—							
\$1 to \$4,999	145	47	43	245	257	182	402
\$5,000 to \$19,999	32	6	5	29	17	41	179
\$20,000 to \$49,999	1	2	1	5	10	11	57
\$50,000 or more	12	14	8	28	18	15	47
Commercially mixed formula feeds	farms	69	25	12	123	124	120
tons	37 356	13 938	10 687	65 393	10 971	14 427	17 684
\$1,000	4 780	2 272	2 186	8 423	1 480	1 850	2 329
Farms by tons purchased:							
1 to 99 tons	59	22	7	101	112	110	188
100 to 499 tons	2	—	2	10	5	4	13
500 tons or more	8	3	3	12	7	6	9
Farms with expenses of—							
\$1 to \$4,999	54	13	3	94	105	97	143
\$5,000 to \$19,999	5	9	4	9	7	12	43
\$20,000 to \$49,999	2	—	2	5	2	4	13
\$50,000 or more	8	3	3	15	10	7	11

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**SELECTED FARM PRODUCTION EXPENSES¹—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Animal health costs— farms \$1,000—	3 979 6 460	1 171 322	790 824	121 384	144 301	144 540
Farms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	3 109 323 303 244	1 024 77 57 13	651 28 49 62	84 13 4 20	103 12 15 14	110 6 20 8
Seeds, bulbs, plants, and trees— farms \$1,000—	2 937 11 866	386 296	527 733	92 43	199 153	130 192
Farms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	1 522 832 324 259	357 13 11 5	495 21 2 9	86 6 — —	147 50 2 —	41 82 7 —
Commercial fertilizer— farms \$1,000—	3 313 44 289	480 74	681 471	112 134	250 437	153 353
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 814 589 392 518	479 1 — —	648 31 1 —	97 13 2 —	191 59 — —	107 43 3 —
Other agricultural chemicals including lime— farms \$1,000—	3 034 45 291	392 45	614 345	96 85	163 347	122 287
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 809 482 282 461	391 1 — —	600 12 2 —	93 2 1 —	105 58 — —	84 37 1 —
Energy and petroleum products— farms \$1,000—	7 507 72 617	1 790 1 229	1 746 2 917	210 491	385 1 172	277 1 351
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	5 172 1 125 398 812	1 723 54 9 4	1 556 132 37 21	163 39 3 5	280 84 13 8	165 86 9 17
Petroleum products— farms \$1,000—	7 481 39 471	1 775 814	1 742 1 475	210 300	385 743	277 835
Gasoline— farms \$1,000—	7 137	1 717	1 646	188	366	270
Diesel fuel— farms \$1,000—	13 095	536	896	170	409	319
LP gas, butane, and propane— farms \$1,000—	2 789 12 080	167 77	396 203	78 46	138 149	152 219
Fuel oil— farms \$1,000—	2 604	46	121	42	48	118
Natural gas— farms \$1,000—	347 546	4 54	41	1	15	17
Kerosene, motor oil, and grease— farms \$1,000—	8 589	64	114	35	26	139
Electricity— farms \$1,000—	7 480 2 755	1 775 86	1 742 127	210 25	385 106	277 64
Other—coal, wood, coke, etc.— farms \$1,000—	4 411 32 991	1 055 408	843 1 432	82 183	197 402	203 514
Hired farm labor— farms \$1,000—	259 156	39 6	33 11	25 9	52 26	5 2
Farms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	3 491 1 762 680 557 492	400 346 41 4 9	513 409 29 38 37	120 83 26 4 7	228 191 12 14 11	151 117 20 4 10
Workers by number of days worked: 150 days or more— workers— Less than 150 days— workers—	2 099 18 335 2 808 41 932	101 267 363 1 262	189 817 412 1 520	71 235 80 386	68 346 194 882	62 251 109 808
Contract labor— farms \$1,000—	1 337 29 021	150 217	271 947	33 172	60 568	87 399
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	570 430 155 182	121 27 2 —	168 79 22 2	15 13 4 1	21 24 11 4	59 21 1 6
Customwork, machine hire, and rental of machinery and equipment— farms \$1,000—	2 488 34 002	371 170	535 658	61 113	185 501	96 320
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	1 414 496 234 344	359 11 1 —	473 55 6 1	46 13 2 —	121 47 16 1	62 28 4 2
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services— farms \$1,000—	539 7 379	59 138	72 305	14 30	60 111	11 74
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000—	694 3 071	238 1 301	185 680	22 148	65 41	47 159

See footnote at end of table.

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

{Excludes abnormal farms; see text}

All Farms**SELECTED FARM PRODUCTION EXPENSES¹—Con.**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Animal health costs	156 \$1,000..	54 416	45 176	245 402	266 948	225 876	618 696
Farms with expenses of—							
\$1 to \$499	114	32	32	168	215	165	411
\$500 to \$999	19	4	2	23	25	23	91
\$1,000 to \$2,999	14	10	2	29	11	20	72
\$3,000 or more	9	8	9	25	15	17	44
Seeds, bulbs, plants, and trees	102 \$1,000..	105 155	65 199	313 213	480 913	301 2 183	237 2 378
Farms with expenses of—							
\$1 to \$999	49	46	13	60	112	64	52
\$1,000 to \$4,999	45	52	45	205	185	74	54
\$5,000 to \$9,999	8	5	4	38	129	84	34
\$10,000 or more	—	2	3	10	54	79	97
Commercial fertilizer	91 \$1,000..	122 313	70 479	343 542	446 2 945	309 8 335	256 9 805
Farms with expenses of—							
\$1 to \$2,499	33	39	6	76	21	56	61
\$2,500 to \$9,999	56	82	42	141	74	21	26
\$10,000 to \$19,999	2	—	22	96	189	59	18
\$20,000 or more	—	1	—	30	162	173	151
Other agricultural chemicals including lime	99 \$1,000..	99 313	60 347	313 443	464 2 743	270 8 120	342 8 832
Farms with expenses of—							
\$1 to \$2,499	69	64	21	106	89	33	154
\$2,500 to \$9,999	15	24	22	111	131	41	28
\$10,000 to \$19,999	15	10	13	55	107	56	22
\$20,000 or more	—	1	4	41	137	140	138
Energy and petroleum products	245 \$1,000..	185 1 073	120 1 161	590 1 049	666 5 674	460 13 292	833 15 048
Farms with expenses of—							
\$1 to \$2,499	156	86	56	255	210	193	329
\$2,500 to \$9,999	66	73	36	160	90	42	263
\$10,000 to \$19,999	12	9	10	74	119	35	68
\$20,000 or more	11	17	18	101	247	190	173
Petroleum products	245 \$1,000..	185 708	114 801	590 607	666 3 912	460 7 264	832 8 265
Gasoline	240 \$1,000..	179 289	112 218	523 289	629 1 161	445 2 188	822 2 137
Diesel fuel	121 \$1,000..	117 225	76 252	371 150	500 1 248	273 2 616	400 2 732
LP gas, butane, and propane	62 \$1,000..	68 88	48 54	205 72	311 205	382 463	382 507
Fuel oil	7 \$1,000..	3 1	—	17 38	25 49	41 68	41 135
Natural gas	14 \$1,000..	38 45	12 227	101 59	77 958	75 1 360	75 2 281
Kerosene, motor oil, and grease	60 \$1,000..	45 185	38 114	586 590	832 665	832 460	776 541
Electricity	145 \$1,000..	110 356	87 360	372 442	519 1 756	519 6 023	519 6 780
Other—coal, wood, coke, etc.	19 \$1,000..	5 (Z)	—	18 7	50 6	50 3	50 77
Hired farm labor	118 \$1,000..	113 2 024	76 1 910	358 2 271	471 8 996	334 15 114	609 19 295
Farms with expenses of—							
\$1 to \$4,999	74	31	34	110	91	87	189
\$5,000 to \$19,999	25	45	28	138	104	36	176
\$20,000 to \$49,999	11	33	6	82	190	79	92
\$50,000 or more	8	4	8	28	86	132	152
Workers by number of days worked:							
150 days or more	74 workers..	90 223	48 400	273 1 088	381 2 000	257 2 073	485 10 420
Less than 150 days	90 workers..	92 465	62 961	293 652	377 4 264	272 4 357	464 5 732
Contract labor	50 \$1,000..	18 401	28 166	138 448	190 1 149	146 5 352	166 6 017
Farms with expenses of—							
\$1 to \$2,499	26	5	11	37	38	19	50
\$2,500 to \$9,999	14	10	6	58	90	54	34
\$10,000 to \$19,999	6	1	2	27	31	30	18
\$20,000 or more	4	2	9	16	31	43	64
Customwork, machine hire, and rental of machinery and equipment	78 \$1,000..	65 718	51 197	263 418	350 2 846	189 6 130	244 6 305
Farms with expenses of—							
\$1 to \$2,499	32	55	25	78	67	29	67
\$2,500 to \$9,999	15	7	10	95	110	41	64
\$10,000 to \$19,999	7	1	9	54	82	27	25
\$20,000 or more	24	2	7	36	91	92	88
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	27 \$1,000..	13 249	18 206	68 96	67 722	85 1 453	45 1 324
Value of agricultural products sold directly to individuals for human consumption	16 \$1,000..	17 85	8 260	22 19	22 34	19 203	33 24

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**VALUE OF MACHINERY AND EQUIPMENT¹**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Estimated market value of all machinery and equipment—farms—\$1,000—	7 519 342 000	1 791 14 485	1 758 24 592	210 6 015	384 10 252	276 8 648
Farms by value group:						
\$1 to \$4,999	1 515	628	489	12	57	34
\$5,000 to \$9,999	2 219	811	653	65	135	32
\$10,000 to \$19,999	1 090	238	266	47	53	61
\$20,000 to \$49,999	1 189	86	273	52	92	64
\$50,000 to \$99,999	550	17	51	17	30	76
\$100,000 to \$199,999	514	11	15	16	4	6
\$200,000 to \$499,999	368	—	11	1	13	3
\$500,000 or more	74	—	—	—	—	—

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms—number—	3 387 5 245	654 898	728 1 115	68 119	162 215
Motortrucks, including pickups	farms—number—	6 651 15 396	1 556 2 149	1 481 2 280	190 407	349 627
Wheel tractors	farms—number—	4 730 12 251	710 916	1 147 1 677	138 266	276 557
2 or 3	farms—number—	1 372 3 240	137 294	307 720	50 106	113 261
4 or more	farms—number—	984 6 637	15 64	35 152	17 89	30 163
Grain and bean combines, self-propelled only	farms—number—	372 508	26 43	6 8	5 5	18 28
Cornpickers, corn heads, and picker-shellers	farms—number—	78 92	— —	— —	— —	1 (D)
Corn heads for combines	farms—number—	61 69	— —	— —	— —	— (D)
Other cornpickers and picker-shellers	farms—number—	20 23	— —	— —	— —	1 —
Cottonpickers	farms—number—	813 1 760	— —	5 5	3 3	11 31
Mower conditioners	farms—number—	743 832	43 43	171 175	12 16	37 42
Pickup balers	farms—number—	831 1 030	37 37	135 145	4 12	67 95
Field forage harvesters, shear bar or flywheel type	farms—number—	291 336	9 9	37 38	13 14	28 34

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms—\$1,000—	3 983 89 580	598 120	877 816	140 219	275 784
Commercial fertilizer	farms—acres on which used—	3 143 1 018 796	406 1 332	638 9 456	101 3 604	242 9 771
Lime	farms—acres on which used—	— —	— —	— —	— —	— —
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	farms—acres on which used—	1 887 748 491	117 368	329 5 543	55 2 073	122 7 394
Nematodes in crops	farms—acres on which used—	218 52 316	7 31	69 715	7 374	1 91
Diseases in crops and orchards	farms—acres on which used—	388 91 518	68 257	165 2 345	4 188	5 425
Weeds, grass, or brush in crops and pasture	farms—acres on which used—	1 601 621 202	156 522	281 4 330	48 1 550	76 5 741

Chemicals for—

Defoliation or for growth control of crops, or thinning of fruit	farms—acres on which used—	1 028 420 634	21 39	128 1 356	7 175	62 2 968
Insect control on livestock and poultry	farms—	985	274	181	32	34
Sanitation and rodent and bird control	farms—	344	94	76	7	19

LIVESTOCK

Cattle and calves inventory	farms—number—	3 996 1 152 695	865 24 648	858 85 324	108 18 691	223 38 626
Farms with—						
1 to 9		1 144	461	368	38	89
10 to 49		1 338	317	345	40	86
50 to 99		377	44	32	8	10
100 to 199		331	19	23	8	9
200 to 499		407	18	46	6	20
500 or more		399	6	44	8	9
Cows and heifers that had calved	farms—number—	3 143 325 105	556 10 304	621 41 452	84 5 953	194 14 526
Beef cows	farms—number—	2 667 253 923	453 8 556	447 7 312	61 1 725	118 5 236
Farms with—						
1 to 9		994	326	307	35	59
10 to 49		756	96	108	21	37
50 to 99		264	11	12	2	5
100 to 199		249	12	13	1	5
200 to 499		298	6	6	1	10
500 or more		106	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**VALUE OF MACHINERY AND EQUIPMENT¹**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Estimated market value of all machinery and equipment — farms \$1,000—	249	185	118	589	666	461	832
	7 861	8 690	6 601	35 459	62 224	60 276	96 895
Farms by value group:							
\$1 to \$4,999	19	9	22	62	69	28	86
\$5,000 to \$9,999	76	42	10	111	86	60	138
\$10,000 to \$19,999	62	14	6	81	44	74	144
\$20,000 to \$49,999	51	65	36	129	92	44	205
\$50,000 to \$99,999	14	25	21	81	111	42	65
\$100,000 to \$199,999	23	28	21	77	157	89	67
\$200,000 to \$499,999	3	2	1	45	98	111	80
\$500,000 or more	1	—	1	3	9	13	47

SELECTED MACHINERY AND EQUIPMENT¹

Automobiles	farms	132	58	56	299	350	270	445
	number	174	68	91	428	615	531	759
Motortrucks, including pickups	farms	214	146	105	542	632	403	801
	number	502	298	264	1 291	1 908	1 641	3 573
Wheel tractors	farms	166	148	89	441	558	372	492
	number	354	348	277	1 250	2 041	1 733	2 371
2 or 3	farms	67	67	43	172	141	64	119
	number	164	164	104	415	344	160	280
4 or more	farms	21	28	22	130	275	206	177
	number	112	131	149	696	1 555	1 471	1 895
Grain and bean combines, self-propelled only	farms	1	17	11	47	113	61	61
	number	(D)	(D)	11	59	148	92	86
Cornpickers, corn heads, and picker-shellers	farms	—	8	3	13	23	9	10
	number	—	8	4	13	25	16	14
Corn heads for combines	farms	—	8	2	2	22	9	7
	number	—	8	(D)	(D)	(D)	(D)	8
Other cornpickers and picker-shellers	farms	—	—	1	11	1	2	4
	number	—	—	(D)	(D)	(D)	(D)	6
Cottonpickers	farms	20	39	18	161	261	160	122
	number	54	39	22	265	513	392	423
Mower conditioners	farms	30	47	14	104	99	63	88
	number	30	47	14	125	120	77	107
Pickup balers	farms	40	63	13	108	96	83	106
	number	42	84	14	130	142	126	131
Field forage harvesters, shear bar or flywheel type	farms	3	20	12	39	35	16	34
	number	3	20	16	43	44	24	44

AGRICULTURAL CHEMICALS¹

Agricultural chemicals, including commercial fertilizer and lime	farms	117	132	73	374	489	327	398
	\$1,000—	626	826	984	5 688	16 455	18 636	43 785
Commercial fertilizer	farms	90	119	70	336	446	308	248
	acres on which used	9 359	17 724	13 116	78 702	210 649	227 875	428 944
Lime	farms	—	—	—	—	—	—	—
	acres on which used	—	—	—	—	—	—	—
Tons	—	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	farms	67	80	58	246	373	202	168
	acres on which used	6 934	8 996	9 202	57 092	162 802	162 250	320 457
Nematodes in crops	farms	2	14	5	16	39	32	20
	acres on which used	(D)	365	584	4 111	9 465	9 737	26 736
Diseases in crops and orchards	farms	6	18	3	21	40	19	33
	acres on which used	270	516	315	2 809	13 258	14 808	55 951
Weeds, grass, or brush in crops and pasture	farms	58	45	33	185	274	154	187
	acres on which used	5 926	3 661	4 339	38 703	106 635	110 728	334 276
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	farms	28	40	33	146	258	151	122
	acres on which used	2 620	2 243	4 290	30 157	83 364	94 326	196 506
Insect control on livestock and poultry	farms	62	27	11	47	58	58	169
	Sanitation and rodent and bird control	21	2	2	9	31	23	55

LIVESTOCK

Cattle and calves inventory	farms	133	74	71	296	283	217	695
	number	69 485	30 485	36 407	171 207	135 868	123 809	337 097
Farms with—								
1 to 9		24	14	18	37	54	11	7
10 to 49		61	36	27	136	89	50	77
50 to 99		13	8	9	36	48	57	68
100 to 199		11	4	5	27	37	46	133
200 to 499		12	5	4	27	29	21	205
500 or more		12	7	8	33	26	32	205
Cows and heifers that had calved	farms	109	60	64	241	250	188	630
	number	8 202	4 353	10 735	22 723	20 906	20 822	156 608
Beef cows	farms	93	53	49	216	237	185	625
	number	4 550	3 593	5 121	16 402	18 373	20 093	156 252
Farms with—								
1 to 9		38	14	20	68	63	15	19
10 to 49		29	27	15	87	87	81	88
50 to 99		13	2	6	22	32	39	111
100 to 199		6	6	1	15	28	21	137
200 to 499		7	1	6	18	24	19	193
500 or more		—	3	1	6	6	3	77

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Milk cows	farms—number—	933	209	266	34	104
Farms with—		71 182	1 748	34 140	4 228	9 290
1 to 4		728	191	177	23	85
5 to 9		30	5	7	—	2
10 to 49		15	4	4	—	—
50 to 99		16	2	3	1	3
100 to 199		31	5	15	3	1
200 to 499		67	2	36	4	9
500 or more		46	—	24	3	4
Heifers and heifer calves	farms—number—	2 757	488	512	75	142
Steers, steer calves, bulls, and bull calves	farms—number—	150 598	4 198	15 668	3 553	9 192
Farms with—		3 259	698	609	90	138
1 to 4		676 992	10 146	28 204	9 185	14 908
Cattle and calves sold	farms—number—	3 737	708	754	95	203
Farms with—		1 165 191	18 871	75 132	18 867	40 681
\$1,000—		497 232	6 613	27 654	7 726	17 878
Calves	farms—number—	2 340	459	453	66	137
Farms with—		168 365	6 687	15 771	3 195	5 406
\$1,000—		36 231	1 151	1 258	459	34 302
Cattle	farms—number—	2 840	465	586	72	126
Farms with—		996 826	12 184	59 361	15 672	35 275
\$1,000—		461 001	5 463	26 597	7 267	17 299
Fattened on grain and concentrates	farms—number—	483	143	148	8	10
Farms with—		640 029	5 650	27 260	9 282	29 240
\$1,000—		336 879	3 107	15 414	4 962	15 186
Hogs and pigs inventory	farms—number—	1 153	554	311	21	79
Farms with—		190 096	46 556	34 859	13 203	15 427
1 to 9		579	229	166	7	65
10 to 49		239	99	100	5	6
50 to 99		40	10	23	—	3
100 to 199		214	205	2	2	1
200 to 499		29	4	5	1	1
500 or more		52	7	15	6	3
Used or to be used for breeding		709	396	191	16	20
Farms with—		31 695	7 778	5 238	1 731	1 991
number—		1 075	535	282	21	78
Other		158 401	38 778	29 621	11 472	13 436
Hogs and pigs sold	farms—number—	822	417	197	22	65
Farms with—		195 662	28 819	44 865	9 173	24 196
\$1,000—		19 146	2 952	4 466	991	2 493
Feeder pigs sold		136	72	31	5	7
Farms with—		14 787	5 302	2 304	49	238
\$1,000—		545	199	86	1	9
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30		711	406	190	17	21
Farms with—		33 222	4 963	6 442	2 023	3' 237
number—		635	369	169	11	19
Dec. 1 and May 31		17 394	3 469	3 424	672	1 685
Farms with—		323	141	95	17	15
June 1 and Nov. 30		15 828	1 494	3 018	1 351	1 552
Sheep and lambs of all ages inventory	farms—number—	369	147	89	3	24
Farms with—		217 355	69 525	11 689	18	736
number—		275	117	69	3	9
Ewes 1 year old or older		85 818	15 177	5 701	11	606
Farms with—		297	122	67	7	139
number—		162 929	43 782	5 876	16	1 116
Sheep and lambs sold		241	101	57	7	9
Farms with—		140 641	34 461	7 008	17	714
number—		1 132 087	265 097	72 670	154	4 269
Sheep and lambs shorn		pounds of wool—				
Farms with—		369	147	89	3	24
number—		217 355	69 525	11 689	18	736
Horses and ponies inventory		111	714	709	88	154
Farms with—		21 149	3 642	3 738	1 034	719
number—		993	354	277	35	73
Horses and ponies sold		626	901	1 185	189	173
Farms with—		9 334	1 066	971	5 734	227
\$1,000—		373	134	151	2	53
Goats inventory		3 074	1 459	651	(D)	328
Farms with—		149	60	27	2	48
number—		1 718	693	162	(D)	612
Goats sold		63	30	6	(D)	20
Farms with—		1 486	473	496	28	102
\$1,000—		636 826	93 793	414 941	527	6 329
Hens and pullets of laying age		2	—	1	—	63
Farms with—		1 494	476	493	28	107
number—		2	—	2	—	64
Pullets 3 months old or older not		3	—	1	—	—
of laying age		1	—	1	—	—
Farms with—		310	121	132	5	13
number—		7 720	3 187	3 767	36	206

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Milk cows	38 farms number	38 760	14 5 614	23 6 321	51 2 533	44 16	107 729
Farms with—							
1 to 4	30	12	14	36	37	12	92
5 to 9	1	—	2	2	1	1	9
10 to 49	—	1	—	—	1	—	5
50 to 99	—	—	2	1	—	1	1
100 to 199	—	—	2	2	—	—	—
200 to 499	2	—	—	6	3	2	—
500 or more	4	1	3	4	2	—	—
Heifers and heifer calves	102 farms number	60 8 026	55 1 605	241 5 041	197 15 933	164 9 337	588 11 412
Steers, steer calves, bulls, and bull calves	115 farms number	67 53 257	62 24 527	260 20 631	215 132 551	190 105 625	662 91 575
Cattle and calves sold	128 farms number	70 74 764	65 40 073	279 38 755	283 188 077	265 93 361	716 112 948
\$1,000	35 074	19 644	17 045	96 636	42 790	54 201	273 567
Calves	80 farms number	46 6 509	37 1 727	194 2 304	166 8 787	143 8 867	481 10 346
\$1,000	1 416	266	348	2 010	2 111	2 501	64 464
Cattle	102 farms number	55 68 255	50 36 451	192 179 290	233 84 494	217 102 602	609 209 103
\$1,000	33 657	19 378	8 16 696	94 626	40 679	17 51 701	30 79 659
Fattened on grain and concentrates	15 farms number	8 64 018	8 35 468	26 31 339	22 162 736	17 58 695	30 80 752
\$1,000	32 293	18 458	15 020	89 196	30 249	18 327	18 167
Hogs and pigs inventory	33 farms number	10 5 573	9 6 863	36 196	25 44 237	13 12 164	16 1 384
Farms with—							
1 to 9	11	3	8	20	12	10	12
10 to 49	5	5	—	6	6	2	3
50 to 99	1	—	—	1	1	—	—
100 to 199	1	—	1	—	1	—	1
200 to 499	15	—	—	2	—	—	—
500 or more	—	2	—	7	5	1	—
Used or to be used for breeding	25 farms number	7 5 308	4 791	17 34	15 5 921	2 1 401	4 (D) (D)
Other	14 farms number	8 265	7 6 072	34 162	22 38 316	12 10 763	16 (D) (D)
Hogs and pigs sold	11 farms number	7 576	3 9 113	20 94	18 50 872	10 12 534	6 1 390
\$1,000	53 farms number	11 911	10 4 952	18 1 271	10 155	18 155	194 18
Feeder pigs sold	4 farms number	1 42	— (D)	1 —	2 (D)	2 104	2 (D)
\$1,000	1 1	— (D)	— (D)	3 (D)	3 (D)	2 (D)	2 (D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	11 farms number	5 88	4 1 017	19 39	15 10 791	5 2 423	4 247
Dec. 1 and May 31	4 farms number	4 11	3 613	17 20	5 4 993	5 1 366	4 62
June 1 and Nov. 30	5 farms number	5 6	3 404	13 19	12 5 798	1 1 057	3 (D)
Sheep and lambs of all ages inventory	9 farms number	8 1 350	10 1 112	14 12 144	16 12 542	10 38 650	26 10 926
Ewes 1 year old or older	8 farms number	5 8	4 5	11 61	9 158	10 40	17 58 410
Sheep and lambs sold	11 farms number	4 1 201	3 73	17 6 097	13 6 471	5 15 926	4 9 017
Sheep and lambs shorn	10 farms number	8 2 183	6 1 261	14 7 078	14 11 892	10 27 213	21 25 359
Hounds	8 farms number	4 1 238	3 91	8 7 191	6 18 265	9 15 995	16 56 063
pounds of wool	6 557	501	69 491	110 095	12 133 535	10 82 996	26 384 551
Horses and ponies inventory	97 farms number	56 582	53 292	192 416	203 1 074	196 1 337	510 1 756
Horses and ponies sold	15 farms number	12 15	14 19	32 61	40 158	30 144	565 5 665
Goats inventory	42 farms number	18 21	61 111	144 232	167 168	467 169	95 219
Goats sold	28 farms number	5 2	5 —	2 2	7 1	36 195	36 1
\$1,000	(D) —	— 1	— 1	(D) 1	(D) 1	(D) (D)	(D) (D)

POULTRY

Chickens 3 months old or older inventory	31 farms number	18 598	17 (D)	57 1 266	59 1 318	71 8 414	75 1 600
Farms with—							
1 to 399	31	17	17	57	59	70	75
400 to 3,199	—	—	—	—	—	—	—
3,200 to 9,999	—	—	—	—	—	1	—
10,000 to 19,999	—	—	—	—	—	—	—
20,000 to 49,999	—	—	—	—	—	—	—
50,000 to 99,999	—	—	—	—	—	—	—
100,000 or more	—	1	—	—	—	—	—
Hens and pullets of laying age	31 farms number	18 (D)	15 (D)	56 1 200	58 1 207	75 8 330	75 1 453
Pullets 3 months old or older not of laying age	5 farms number	1 (D)	4 (D)	6 66	10 111	8 84	8 147

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**POULTRY—Con.**

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Chickens 3 months old or older sold	186 forms number	50 445 479	35 82 153	6 270 772	45 265	- 1 583
Broilers and other meat-type chickens sold	30 forms number	15 (D)	13 390 336	- -	1 (D)	1 (D)
Farms with—						
1 to 1,999	28	15	12	-	1	-
2,000 to 59,999	1	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	1	-	1	-	-	-
Turkey hens kept for breeding	83 farms number	47 276	20 181	- 46	6 5	- 20
Turkeys sold	40 farms number	20 666	6 41	5 10	2 (D)	1 (D)
CROPS HARVESTED						
Corn for all purposes	336 farms acres	5 45 553	31 15	6 279	58 151	15 385
For grain or seed	188 farms acres	3 30 198	14 7	3 59	52 91	6 228
Irrigated	2 721 308 farms acres	95 182	1 878 2	2 929 2	7 523 52	7 551 52
Farms by acres harvested:						
1 to 24 acres	89	3	14	1	50	4
25 to 99 acres	33	-	-	2	2	2
100 to 499 acres	44	-	-	-	-	-
500 acres or more	22	-	-	-	-	-
Sorghums for grain or seed	177 farms acres	5 20 601	6 18	4 64	4 84	4 101
Irrigated	1 536 100 farms acres	1 739 177	3 405 5	5 972 6	7 784 4	9 687 4
Farms by acres harvested:						
1 to 24 acres	32	5	5	3	2	1
25 to 99 acres	77	-	1	1	2	3
100 to 499 acres	61	-	-	-	-	-
500 acres or more	7	-	-	-	-	-
Wheat for grain	489 farms acres	6 101 878	20 17	5 373	50 129	9 482
Irrigated	7 387 023 farms acres	225 488	25 182 17	7 943 373	24 690 129	28 720 482
Farms by acres harvested:						
1 to 24 acres	85	6	13	4	44	1
25 to 99 acres	159	-	7	1	6	7
100 to 499 acres	204	-	-	-	-	1
500 acres or more	41	-	-	-	-	-
Barley for grain	282 farms acres	2 29 806	21 (D)	3 108	11 452	15 558
Irrigated	2 029 388 farms acres	2 29 806	21 (D)	5 656 3	31 147 11	28 853 15
Cotton	1 281 farms acres	8 560 174	58 32	18 764	61 3 237	40 3 022
Irrigated	1 134 238 farms acres	69 1 281	1 273 58	1 326 18	5 245 61	5 060 40
Farms by acres harvested:						
1 to 24 acres	67	8	33	4	10	1
25 to 99 acres	230	-	25	14	51	25
100 to 499 acres	676	-	-	-	-	14
500 acres or more	308	-	-	-	-	-
Irish potatoes	28 farms acres	- 6 360	1 (D)	- (D)	- (D)	3 (D)
Irrigated	1 725 118 farms acres	28 6 360	1 (D)	- (D)	- (D)	3 (D)
Farms by acres harvested:						
0.1 to 0.9 acres	-	-	-	-	-	-
1.0 to 4.9 acres	2	-	1	-	-	1
5.0 to 24.9 acres	1	-	-	-	-	1
25.0 to 99.9 acres	6	-	-	-	-	1
100.0 acres or more	19	-	-	-	-	-
Sugar beets for sugar	51 farms acres	- 14 820	- 310 066	- -	- -	- -
Irrigated	51 farms acres	- 14 820	- -	- -	- -	- -
Hay crops (see text)	1 783 farms acres	156 172 107	404 663	57 5 791	135 1 609	102 5 285
Irrigated	965 886 tons, dry	2 616 1 764	25 940 153	7 260 403	21 852 57	18 147 135
Farms by acres harvested:						
1 to 24 acres	792	156	337	29	56	48
25 to 99 acres	548	-	67	28	78	43
100 to 499 acres	369	-	-	-	1	11
500 acres or more	74	-	-	-	-	-

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms**POULTRY—Con.**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Chickens 3 months old or older sold	farms number (D)	1 (D)	2 (D)	— —	1 (D)	1 (D)	44 4 580 (D)
Broilers and other meat-type chickens sold	farms number	— —	— —	— —	— —	— —	— —
Farms with—							
1 to 1,999	— —	— —	— —	— —	— —	— —	— —
2,000 to 59,999	— —	— —	— —	— —	— —	— —	— —
60,000 to 99,999	— —	— —	— —	— —	— —	— —	— —
100,000 or more	— —	— —	— —	— —	— —	— —	— —
Turkey hens kept for breeding	farms number	3 8	— (D)	1 —	3 2 (D)	2 2 (D)	— — (D)
Turkeys sold	farms number	— —	1 (D)	— —	— (D)	— 2 (D)	— — (D)
CROPS HARVESTED							
Corn for all purposes	farms acres	14 1 003	8 368	15 667	51 4 578	63 17 009	32 9 768 10 909
For grain or seed	farms acres	5 179	6 168	4 125	27 3 030	38 13 486	17 6 838 5 898
Irrigated	bushels farms acres	22 165 5 179	17 428 168	10 459 125	241 709 2 630	1 308 986 13 486	556 396 6 238 544 189 5 898
Farms by acres harvested:							
1 to 24 acres	2	4	2	1	2	4	2
25 to 99 acres	2	1	2	14	4	1	3
100 to 499 acres	1	1	—	12	21	5	4
500 acres or more	— —	— —	— —	— —	11	7	4
Sorghums for grain or seed	farms acres	4 204	7 505	5 277	36 2 674	52 6 426	25 3 781 6 315
Irrigated	bushels farms acres	20 982 4 204	22 284 505	12 950 277	177 978 2 674	485 752 6 426	351 133 3 781 436 434 6 315
Farms by acres harvested:							
1 to 24 acres	1	2	1	2	3	4	3
25 to 99 acres	3	2	3	26	25	7	4
100 to 499 acres	— —	3	1	8	23	13	13
500 acres or more	— —	— —	— —	— —	1	1	5
Wheat for grain	farms acres	7 265	8 355	20 1 345	62 5 486	117 15 889	100 21 936 55 193
Irrigated	bushels farms acres	17 571 7 265	18 918 355	115 771 1 345	380 189 5 486	1 115 805 15 854	1 597 033 21 936 4 054 976 55 193
Farms by acres harvested:							
1 to 24 acres	3	1	5	2	3	1	2
25 to 99 acres	4	6	11	40	46	21	10
100 to 499 acres	— —	1	4	20	68	69	41
500 acres or more	— —	— —	— —	— —	— —	9	32
Barley for grain	farms acres	12 393	7 386	14 648	46 3 345	65 7 836	50 7 987 36
Irrigated	bushels farms acres	21 974 12 393	39 343 386	44 493 648	246 932 3 345	535 211 7 836	530 295 7 987 525 908
Cotton	farms acres	67 6 085	32 3 788	51 6 692	235 46 332	331 115 525	218 138 831 162
Irrigated	bales farms acres	11 978 67 6 085	7 240 3 788	12 750 6 692	85 691 46 332	223 634 115 525	276 509 138 831 234 593
Farms by acres harvested:							
1 to 24 acres	7	— —	— —	— —	2	— —	2
25 to 99 acres	29	13	14	33	14	3	9
100 to 499 acres	31	19	37	202	260	78	35
500 acres or more	— —	— —	— —	— —	55	137	116
Irish potatoes	farms acres	— —	— —	— —	1 (D)	11 2 015	4 620 8
Irrigated	hundredweight farms acres	— —	— —	— —	546 675 (D)	157 936 2 015	157 936 620 999 807 3 640
Farms by acres harvested:							
0.1 to 0.9 acres	— —	— —	— —	— —	— —	— —	—
1.0 to 4.9 acres	— —	— —	— —	— —	— —	— —	—
5.0 to 24.9 acres	— —	— —	— —	— —	— —	— —	—
25.0 to 99.9 acres	— —	— —	— —	— —	1	3	1
100.0 acres or more	— —	— —	— —	— —	8	3	8
Sugar beets for sugar	farms acres tons	2 (D) (D)	— — —	— — —	7 (D) (D)	11 1 174	13 2 104 18
Irrigated	farms acres	2 (D)	— —	— —	7 (D)	28 532 1 174	43 546 2 104 11 096
Hay crops (see text)	farms acres	67 4 710	57 3 539	61 5 153	191 20 367	209 37 106	142 36 632 202
Irrigated	tons, dry farms acres	22 033 65 4 653	16 027 55 3 408	22 272 60 4 973	118 463 189 20 275	232 640 209 37 008	233 529 141 36 538 196
Farms by acres harvested:							
1 to 24 acres	16	13	17	32	24	17	47
25 to 99 acres	31	32	29	78	67	33	62
100 to 499 acres	20	12	15	81	99	65	65
500 acres or more	— —	— —	— —	— —	19	27	28

See footnote at end of table.

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

[Excludes abnormal farms; see text]

All Farms

CROPS HARVESTED—Con.

	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
Alfalfa hay						
farms	1 557	117	341	48	108	97
acres	148 347	497	4 797	1 256	3 389	3 489
Irrigated						
farms	910 583	2 148	23 677	6 096	17 743	15 439
acres	1 557	117	341	48	108	97
Irrigated						
farms	148 347	497	4 797	1 256	3 389	3 489
All vegetables harvested for sale (see text)						
farms	432	36	102	14	63	45
acres	68 754	102	685	431	629	1 006
Irrigated						
farms	432	36	102	14	63	45
acres	68 754	102	685	431	629	1 006
Farms by acres harvested:						
0.1 to 4.9 acres	197	29	68	3	49	31
5.0 to 24.9 acres	71	7	26	6	7	5
25.0 to 99.9 acres	73	—	8	4	6	3
100.0 acres or more	91	—	—	1	1	6
Land in orchards						
farms	1 146	289	435	55	62	52
acres	77 102	859	5 649	1 757	2 244	2 233
Irrigated						
farms	1 146	289	435	55	62	52
acres	77 102	859	5 649	1 757	2 244	2 233
Farms by acres in orchards:						
0.1 to 4.9 acres	474	235	124	8	22	14
5.0 to 24.9 acres	382	54	247	16	9	14
25.0 to 99.9 acres	186	—	64	31	31	12
100.0 acres or more	104	—	—	—	—	12

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**CROPS HARVESTED—Con.**

	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
Alfalfa hay							
farms	60	51	50	174	198	134	179
acres	4 146	3 056	3 972	17 677	34 059	32 843	39 166
tons, dry	20 844	14 898	20 173	110 769	225 542	224 731	228 523
Irrigated	60	51	50	174	198	134	179
farms							
acres	4 146	3 056	3 972	17 677	34 059	32 843	39 166
All vegetables harvested for sale (see text)							
farms	12	9	6	30	38	29	48
acres	627	556	609	2 299	6 869	11 849	43 092
Irrigated	12	9	6	30	38	29	48
farms							
acres	627	556	609	2 299	6 869	11 849	43 092
Farms by acres harvested:							
0.1 to 4.9 acres	3	2	2	5	1	—	4
5.0 to 24.9 acres	2	2	—	7	6	1	2
25.0 to 99.9 acres	4	3	1	9	17	7	11
100.0 acres or more	3	2	3	9	14	21	31
Land in orchards							
farms	31	23	17	42	56	35	49
acres	1 783	1 868	1 318	2 915	11 827	10 925	33 726
Irrigated	31	23	17	42	56	35	49
farms							
acres	1 783	1 868	1 318	2 915	11 827	10 925	33 726
Farms by acres in orchards:							
0.1 to 4.9 acres	11	9	5	13	14	6	13
5.0 to 24.9 acres	3	2	3	11	10	6	7
25.0 to 99.9 acres	8	3	3	7	10	9	8
100.0 acres or more	9	9	6	11	22	14	21

*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	
F FARMS AND LAND IN FARMS								
Farms-----	number-----	7 660	2 784	464	549	505	681	585
percent-----	percent-----	100.0	36.3	6.0	7.1	6.5	8.8	7.6
Land in farms-----	acres-----	38 657 700	15 290 458	4 614 298	2 547 818	3 230 005	3 099 379	1 798 958
Average size of farm-----	acres-----	5 047	5 492	9 945	4 641	6 396	4 551	3 075
Value of land and buildings-----	farms-----	7 660	2 642	464	549	503	682	444
\$1,000-----	7 682 389	4 679 250	1 702 046	1 083 838	784 283	699 579	409 504	
Average per farm-----	dollars-----	1 002 922	1 771 101	3 668 203	1 974 203	1 559 210	1 025 775	922 306
Average per acre-----	dollars-----	199	308	368	425	243	227	239
Farms by value of land and buildings:								
\$1 to \$19,999-----		587	17	—	5	1	4	7
\$20,000 to \$39,999-----		869	80	4	6	8	33	29
\$40,000 to \$69,999-----		962	91	12	11	3	23	42
\$70,000 to \$99,999-----		808	93	11	11	17	26	28
\$100,000 to \$149,999-----		721	109	11	14	13	28	43
\$150,000 to \$199,999-----		445	121	12	24	15	37	33
\$200,000 to \$499,999-----		1 337	638	56	76	140	264	102
\$500,000 to \$999,999-----		773	522	56	138	145	119	64
\$1,000,000 or more-----		1 158	971	302	264	161	148	96
Owned and rented land by operator:								
Land owned-----	farms-----	6 646	2 303	376	439	408	554	526
acres-----	acres-----	27 407 048	4 926 428	1 300 998	816 143	1 047 659	1 107 819	653 809
Land rented or leased from others-----	farms-----	2 773	1 529	298	354	304	355	218
acres-----	acres-----	12 451 749	10 623 242	3 407 065	1 752 448	2 228 480	2 040 153	1 195 096
Land rented or leased to others-----	farms-----	524	237	56	47	39	50	45
acres-----	acres-----	1 201 097	259 212	93 765	20 773	46 134	48 593	49 947
L LAND IN FARMS ACCORDING TO USE								
Total cropland-----	farms-----	5 500	2 126	370	477	383	484	412
acres-----	acres-----	1 574 996	1 354 606	679 009	378 476	146 905	103 526	46 690
Harvested cropland-----	farms-----	3 975	1 960	351	462	362	432	353
acres-----	acres-----	1 113 890	1 047 079	574 487	263 530	111 514	71 314	26 234
Farms by acres harvested:								
1 to 49 acres-----		2 111	299	19	19	21	70	170
50 to 99 acres-----		349	216	10	13	20	75	98
100 to 199 acres-----		333	291	6	22	44	153	66
200 to 499 acres-----		537	526	22	141	229	118	16
500 to 999 acres-----		377	369	77	227	47	15	3
1,000 to 1,999 acres-----		168	162	122	39	—	1	—
2,000 acres or more-----		100	97	95	1	1	—	—
Cropland:								
Pasture or grazing only-----	farms-----	2 080	388	47	66	69	92	114
acres-----	acres-----	143 667	49 864	(D)	7 032	(D)	13 478	12 862
Cover crops, legumes, and soil-improvement grasses not harvested or pastured-----	farms-----	112	45	5	13	11	9	7
acres-----	acres-----	3 933	2 597	(D)	1 391	(D)	282	281
On which all crops failed-----	farms-----	229	71	10	15	17	18	11
acres-----	acres-----	12 526	6 517	1 592	2 559	1 179	885	302
In cultivated summer fallow-----	farms-----	272	225	47	64	54	42	18
acres-----	acres-----	98 495	94 072	32 723	47 978	8 317	3 939	1 115
Idle-----	farms-----	1 162	642	112	169	126	128	107
acres-----	acres-----	202 485	154 477	60 391	55 986	18 576	13 628	5 896
Total woodland-----	farms-----	232	51	5	11	6	13	16
acres-----	acres-----	4 218 210	59 823	27 040	18 444	4 998	8 652	689
Woodland pastured-----	farms-----	154	34	3	6	4	9	12
acres-----	acres-----	4 058 283	56 640	(D)	16 535	(D)	7 841	521
Woodland not pastured-----	farms-----	99	19	2	7	2	4	4
acres-----	acres-----	159 927	3 183	(D)	1 909	(D)	811	168
Pastureland and rangeland other than cropland and woodland pastured-----	farms-----	2 338	908	105	114	176	272	241
acres-----	acres-----	31 773 743	13 713 209	3 830 470	2 119 151	3 059 950	2 969 739	1 733 899
Land in house lots, ponds, roads, wasteland, etc.-----	farms-----	4 067	1 357	254	320	257	285	241
acres-----	acres-----	1 090 751	162 820	77 779	31 747	18 152	17 462	17 680
Pastureland, all types-----	farms-----	4 009	1 148	136	157	219	326	310
acres-----	acres-----	35 975 693	13 819 713	3 866 899	2 142 718	3 071 756	2 991 058	1 747 282
Irrigated land-----	farms-----	4 852	2 060	367	471	381	452	389
acres-----	acres-----	1 210 568	1 105 843	598 923	273 552	118 527	79 348	35 493
Harvested cropland irrigated-----	farms-----	3 911	1 940	350	460	360	425	345
acres-----	acres-----	1 109 761	1 044 549	574 285	262 544	111 265	70 900	25 555
Pastureland irrigated-----	farms-----	1 376	293	38	40	61	64	90
acres-----	acres-----	65 511	32 376	9 269	3 706	4 002	6 092	9 307
Other land irrigated-----	farms-----	392	181	38	39	35	37	32
acres-----	acres-----	35 296	28 918	15 369	7 302	3 260	2 356	631
Land set aside in the federal farm programs in 1978-----	farms-----	348	319	55	96	73	87	28
acres-----	acres-----	21 928	19 548	5 974	6 648	3 010	2 648	1 268
R RACE AND TENURE OF OPERATOR								
All operators-----	number-----	7 660	2 784	464	549	505	681	585
Full owners-----	number-----	4 907	1 268	169	197	203	331	368
Part owners-----	number-----	1 706	1 015	204	236	201	221	153
Tenants-----	number-----	1 047	501	91	116	101	129	64
White-----	number-----	7 181	2 690	448	533	489	656	564
Full owners-----	number-----	4 595	1 239	168	192	199	322	358
Part owners-----	number-----	1 595	979	196	229	194	212	148
Tenants-----	number-----	991	472	84	112	96	122	58
Black and other races-----	number-----	479	94	16	16	16	25	21
Full owners-----	number-----	312	29	1	5	4	9	10
Part owners-----	number-----	111	36	8	7	7	9	5
Tenants-----	number-----	56	29	7	4	5	7	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	
	number	percent	acres	acres	acres	
F FARMS AND LAND IN FARMS						
Farms	4 784	628	690	880	2 586	92
Land in farms	62.4	8.1	9.0	11.4	33.7	1.2
Average size of farm	2 290 081	917 538	582 329	325 349	464 186	21 077 161
Value of land and buildings ¹	4 926	681	844	370	180	229 100
\$1,000	856 036	221 260	180 275	156 752	297 749	2 147 103
Average per farm	173 779	324 904	241 331	178 737	113 601	23 338 079
Average per acre	373	243	285	522	659	101
Farms by value of land and buildings:						
\$1 to \$19,999	570	51	46	64	409	—
\$20,000 to \$39,999	789	41	121	160	467	
\$40,000 to \$69,999	867	77	99	142	549	4
\$70,000 to \$99,999	712	45	115	84	468	3
\$100,000 to \$149,999	611	85	111	135	280	1
\$150,000 to \$199,999	324	71	66	97	90	—
\$200,000 to \$499,999	695	189	109	142	255	4
\$500,000 to \$999,999	248	82	42	34	90	3
\$1,000,000 or more	110	40	38	19	13	77
Owned and rented land by operator:						
Land owned	4 254	582	628	820	2 224	89
farms						
acres	972 471	403 402	212 223	137 045	219 801	21 508 149
Land rented or leased from others	1 233	203	215	212	603	11
farms						
acres	1 665 462	667 672	422 043	193 187	382 560	163 045
Land rented or leased to others	272	39	43	51	139	15
farms						
acres	347 852	153 536	51 937	4 883	137 496	594 033
L LAND IN FARMS ACCORDING TO USE						
Total cropland	3 328	433	480	593	1 822	46
farms						
acres	151 338	39 252	31 917	26 224	53 945	69 052
Harvested cropland	1 974	350	350	331	943	41
farms						
acres	36 848	13 651	8 806	5 171	9 220	29 963
Farms by acres harvested:						
1 to 49 acres	1 801	267	311	309	914	11
50 to 99 acres	131	58	31	20	22	2
100 to 199 acres	34	21	5	2	6	8
200 to 499 acres	6	3	2	—	1	5
500 to 999 acres	2	1	1	—	—	6
1,000 to 1,999 acres	—	—	—	—	—	6
2,000 acres or more	—	—	—	—	—	3
Cropland:						
Pasture or grazing only	1 677	181	204	311	981	15
farms						
acres	87 188	17 773	16 195	16 567	36 653	6 615
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	63	8	27	5	23	4
farms						
acres	1 046	278	424	57	287	290
On which all crops failed	154	39	33	6	76	4
farms						
acres	5 695	1 534	1 972	297	1 892	314
In cultivated summer fallow	39	11	6	8	14	8
farms						
acres	1 308	457	310	136	405	3 115
Idle	496	62	79	129	226	24
farms						
acres	19 253	5 559	4 210	3 996	5 488	28 755
Total woodland	150	17	21	42	70	31
farms						
acres	42 020	17 991	15 358	6 565	2 106	4 116 367
Woodland pastured	91	10	16	27	38	29
farms						
acres	36 697	16 467	13 589	5 614	1 027	3 964 946
Woodland not pastured	74	11	8	16	39	6
farms						
acres	5 323	1 524	1 769	951	1 079	151 421
Pastureland and rangeland other than cropland and woodland pastured	1 352	232	232	295	593	78
farms						
acres	2 037 788	840 201	519 749	286 409	391 429	16 022 746
Land in house lots, ponds, roads, wasteland, etc.	2 634	303	345	518	1 468	76
farms						
acres	58 935	20 094	15 305	6 151	17 385	868 996
Pastureland, all types	2 782	365	392	515	1 510	79
farms						
acres	2 161 673	874 441	549 533	308 590	429 109	19 994 307
Irrigated land	2 749	393	428	528	1 400	43
farms						
acres	65 672	20 378	13 191	14 249	17 854	39 053
Harvested cropland irrigated	1 930	339	342	323	926	41
farms						
acres	35 550	13 321	8 327	4 849	9 053	29 662
Pastureland irrigated	1 071	114	159	216	582	12
farms						
acres	26 505	5 926	4 207	8 554	7 818	6 630
Other land irrigated	200	47	22	69	62	11
farms						
acres	3 617	1 131	657	846	983	2 761
Land set aside in the federal farm programs in 1978	27	10	7	6	4	2
farms						
acres	(D)	191	903	699	(D)	(D)
R RACE AND TENURE OF OPERATOR						
All operators	4 784	628	690	880	2 586	92
number						
Full owners	3 558	428	477	668	1 985	81
number						
Part owners	683	154	146	149	234	8
number						
Tenants	543	46	67	63	367	3
number						
White	4 460	598	643	773	2 446	31
number						
Full owners	3 334	407	441	619	1 867	22
Part owners	609	150	140	98	221	7
Tenants	517	41	62	56	358	2
Black and other races	324	30	47	107	140	61
number						
Full owners	224	21	36	49	118	59
Part owners	74	4	6	51	13	1
Tenants	26	5	5	7	9	1

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
F FARMS BY TYPE OF ORGANIZATION							
Individual or family	farms 8 027 280	5 917	1 646	135	300	306	446
	acres		6 266 085	660 797	1 064 120	1 479 860	1 192 189
Partnership	farms 3 333 150	942	541	113	111	100	134
	acres		3 069 637	1 011 396	600 046	464 914	537 233
Corporations:							
Family held	farms 4 758 140	525	461	167	111	81	73
	acres		4 567 748	2 224 274	627 125	1 166 921	500 542
More than 10 stockholders	farms 1 179 037	26	24	19	—	3	2
10 or less stockholders	farms 1 179 037	499	437	148	111	78	71
Other than family held	farms 1 179 037	114	107	45	21	14	23
	acres		34	31	4	4	1
More than 10 stockholders	farms 21 360 093	80	76	25	17	10	21
10 or less stockholders	farms 21 360 093	162	29	4	6	4	5
Other—cooperative, estate or trust, etc.	acres 21 360 093		233 398	69 986	5 490	11 660	75 775
							70 487
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		5 062	1 531	223	305	289	371
Not on farm operated		1 956	997	200	188	170	250
Operators by age group:							
Under 25 years		127	46	1	4	7	17
25 to 34 years		1 134	321	48	64	66	85
35 to 44 years		1 782	557	92	111	113	148
45 to 54 years		2 018	805	144	203	126	168
55 to 64 years		1 659	726	127	121	122	184
65 years and over		940	329	52	46	71	81
Average age		48.5	49.8	49.9	48.9	49.6	51.2
Operators by sex:							
Male		7 193	2 676	456	540	481	663
Female		467	108	8	9	24	18
591		141		21	22	25	39
Operators of Spanish origin							
Operators by principal occupation:							
Farming		3 313	2 183	419	500	423	508
Other		4 347	601	45	49	82	173
Operators reporting days of work off farm:							
None		2 854	1 758	360	420	344	371
1 to 99 days		604	280	37	41	52	81
100 to 199 days		582	174	10	25	32	49
200 days or more		3 405	452	42	45	60	133
							172
F FARMS BY SIZE							
1 to 9 acres		1 830	126	7	17	16	42
10 to 49 acres		1 756	284	56	31	32	55
50 to 69 acres		215	77	9	7	8	18
70 to 99 acres		387	134	11	11	9	43
100 to 139 acres		291	114	5	13	13	47
140 to 179 acres		265	130	10	5	15	63
180 to 219 acres		146	70	4	6	13	30
220 to 259 acres		145	91	6	7	23	41
260 to 499 acres		570	355	17	66	129	96
500 to 999 acres		649	470	47	211	122	53
1,000 to 1,999 acres		476	305	125	102	21	32
2,000 acres or more		930	628	167	73	104	161
							123
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)							
Cash grain farms (011)		143	80	—	18	17	25
Field crop, except cash grain farms (013)		1 601	1 135	195	329	235	230
Cotton farms (0131)		1 041	947	178	298	212	184
Tobacco farms (0132)		—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)		560	188	17	31	23	46
Vegetable and melon farms (016)		192	97	41	14	11	18
Fruit and tree nut farms (017)		673	182	22	15	22	49
Horticultural specialty farms (018)		154	80	9	13	15	26
General farms, primarily crop (019)		130	81	21	19	15	20
Livestock farms, except dairy, poultry, and animal specialty (021)		3 679	906	91	93	162	274
Beef cattle farms, except feedlots (0212)		2 678	745	42	59	132	249
Dairy farms (024)		186	163	76	44	17	20
Poultry and egg farms (025)		75	13	6	1	3	3
Animal specialty farms (027)		668	45	2	2	8	16
General farms, primarily livestock (029)		159	2	1	1	—	—
							—
VALUE OF AGRICULTURAL PRODUCTS SOLD							
Market value of agricultural products sold	farms \$1,000	7 660	2 784	464	549	505	681
		1 317 770	1 267 943	960 228	174 459	72 118	44 437
Farms by value of agricultural products sold:							
\$500,000 or more		482	464	464	—	—	—
\$200,000 to \$499,999		567	549	—	549	—	—
\$100,000 to \$199,999		517	505	—	—	505	—
\$40,000 to \$99,999		701	681	—	—	—	681
\$20,000 to \$39,999		590	585	—	—	—	585
\$10,000 to \$19,999		632	—	—	—	—	—
\$5,000 to \$9,999		696	—	—	—	—	—
\$2,500 to \$4,999		882	—	—	—	—	—
Less than \$2,500		2 593	—	—	—	—	—

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	farms					
F FARMS BY TYPE OF ORGANIZATION						
Individual or family	4 271	499	588	786	2 398	—
farms	1 761	526	465	277	402	—
acres	195	90	853	158	658	—
Partnership	401	—	71	69	171	—
farms	263	266	68	138	34	—
acres	513	—	640	—	469	—
Corporations:						
Family held	64	29	14	14	7	—
farms	190	966	30	17 000	1 686	—
acres	392	—	740	—	—	—
More than 10 stockholders	2	1	—	1	—	—
10 or less stockholders	62	28	14	13	7	—
Other than family held	7	5	1	—	1	—
farms	25	177	(D)	—	(D)	—
acres	447	—	—	—	—	—
More than 10 stockholders	3	2	1	—	—	—
10 or less stockholders	4	3	—	—	1	—
Other—cooperative, estate or trust, etc.	41	5	16	11	9	92
farms	49	603	(D)	6 053	(D)	21 077
acres	534	—	—	—	161	—
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	3 461	357	446	624	2 034	70
Not on farm operated	939	209	178	152	400	20
Operators by age group:						
Under 25 years	81	14	12	10	45	—
25 to 34 years	801	75	76	150	500	12
35 to 44 years	1 207	136	140	242	689	18
45 to 54 years	1 176	141	185	190	660	37
55 to 64 years	911	160	153	180	418	22
65 years and over	608	102	124	108	274	3
Average age	47.7	50.3	51.0	47.3	46.4	47.7
Operators by sex:						
Male	4 426	590	624	776	2 436	91
Female	358	38	66	104	150	1
Operators of Spanish origin	449	31	34	40	344	1
Operators by principal occupation:						
Farming	1 096	247	209	240	400	34
Other	3 688	381	481	640	2 186	58
Operators reporting days of work off farm:						
None	1 052	189	194	242	427	44
1 to 99 days	308	78	51	58	121	16
100 to 199 days	398	62	72	88	176	10
200 days or more	2 932	280	352	471	1 829	21
F FARMS BY SIZE						
1 to 9 acres	1 704	87	132	288	1 197	—
10 to 49 acres	1 467	161	229	258	819	5
50 to 69 acres	136	29	20	31	56	2
70 to 99 acres	252	34	58	33	127	1
100 to 139 acres	177	61	22	28	66	—
140 to 179 acres	134	24	22	22	66	1
180 to 219 acres	75	8	20	18	29	1
220 to 259 acres	54	12	9	9	24	—
260 to 499 acres	210	33	38	63	76	5
500 to 999 acres	175	32	38	33	72	4
1,000 to 1,999 acres	167	36	45	67	19	4
2,000 acres or more	233	111	57	30	35	69
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)						
Cash grain farms (011)	61	19	14	11	17	2
Field crop, except cash grain farms (013)	457	98	95	110	154	9
Cotton farms (0131)	88	48	18	14	8	6
Tobacco farms (0132)	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	369	50	77	96	146	3
Vegetable and melon farms (016)	95	19	11	17	48	—
Fruit and tree nut farms (017)	489	76	59	61	293	2
Horticultural specialty farms (018)	73	17	15	21	20	1
General farms, primarily crop (019)	43	5	2	1	35	6
Livestock farms, except dairy, poultry, and animal specialty (021)	2 712	344	402	503	1 463	61
Beef cattle farms, except feedlots (0212)	1 886	284	341	405	856	47
Dairy farms (024)	20	3	—	5	12	3
Poultry and egg farms (025)	61	1	—	6	54	1
Animal specialty farms (027)	622	46	88	132	356	1
General farms, primarily livestock (029)	151	—	4	13	134	6
VALUE OF AGRICULTURAL PRODUCTS SOLD						
Market value of agricultural products sold	4 784	628	690	880	2 586	92
farms	19 650	8 986	4 714	3 119	2 830	30 177
Farms by value of agricultural products sold:	\$1,000					
\$500,000 or more	—	—	—	—	—	18
\$200,000 to \$499,999	—	—	—	—	—	18
\$100,000 to \$199,999	—	—	—	—	—	12
\$40,000 to \$99,999	—	—	—	—	—	20
\$20,000 to \$39,999	—	—	—	—	—	5
\$10,000 to \$19,999	628	628	—	—	—	4
\$5,000 to \$9,999	690	—	690	—	—	6
\$2,500 to \$4,999	880	—	—	880	—	2
Less than \$2,500	2 586	—	—	—	2 586	7

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	814	691	166	223	137	114
Sales of \$40,000 or more	farms	40 722	39 000	19 607	11 445	4 744	2 507
		261	255	103	94	36	22
Commodity Credit Corporation loans	farms	32 866	31 738	18 429	8 947	3 118	1 244
		80	76	14	29	18	8
Cotton and cottonseed	farms	1 294	(D)	135	207	174	93
Sales of \$40,000 or more	farms	340 697	334 224	205 545	86 358	28 574	11 688
		997	990	253	349	235	153
Commodity Credit Corporation loans	farms	334 808	329 363	205 389	86 151	28 216	9 608
		81	77	11	19	18	23
		2 819	2 788	599	1 262	595	279
Tobacco	farms	—	—	—	—	—	—
Sales of \$40,000 or more	farms	—	—	—	—	—	—
Field seeds, hay, forage, and silage	farms	1 236	722	138	183	129	152
Sales of \$40,000 or more	farms	50 483	47 593	22 461	14 191	5 269	3 808
		286	281	100	99	45	37
Vegetables, sweet corn, and melons	farms	41 580	40 637	21 766	12 728	4 036	2 106
Sales of \$40,000 or more	farms	122 643	120 583	111 541	5 758	1 767	1 093
		133	130	69	29	17	15
		120 835	119 377	111 415	5 496	1 670	796
Fruits, nuts, and berries	farms	673	248	46	28	31	61
Sales of \$40,000 or more	farms	69 044	66 947	53 678	4 977	3 007	3 214
		127	125	35	20	22	48
Nursery and greenhouse products	farms	64 645	(D)	53 550	4 919	2 927	(D)
Sales of \$40,000 or more	farms	17 740	17 338	9 324	3 936	2 039	1 570
		176	97	14	17	17	29
Other crops	farms	107	70	13	16	15	26
Sales of \$40,000 or more	farms	18 224	18 072	15 820	1 787	276	(D)
		68	67	47	15	3	2
		17 664	(D)	15 778	1 583	(D)	(D)
Poultry and poultry products	farms	429	29	7	3	5	8
Sales of \$40,000 or more	farms	7 549	7 393	6 306	441	458	(D)
		14	14	7	1	3	—
Dairy products	farms	239	177	76	48	21	23
Sales of \$40,000 or more	farms	93 518	92 169	74 703	13 767	2 231	1 309
		163	159	76	46	17	20
Cattle and calves	farms	93 163	91 882	74 703	13 719	2 206	1 254
Sales of \$40,000 or more	farms	3 806	3 258	202	180	212	336
		509 810	487 372	420 487	23 297	19 240	16 468
		719	664	162	107	145	250
Hogs and pigs	farms	488 644	476 224	419 672	22 399	18 504	15 649
Sales of \$40,000 or more	farms	827	130	12	20	22	31
		19 302	18 235	10 444	4 191	2 010	1 120
		58	56	11	16	15	14
Sheep, lambs, and wool	farms	17 796	(D)	10 442	4 175	1 974	(D)
Sales of \$40,000 or more	farms	14 914	9 921	4 548	3 775	1 302	174
		333	72	12	18	13	16
Other livestock and livestock products (see text)	farms	14 357	9 709	4 547	3 734	(D)	(D)
Sales of \$40,000 or more	farms	13 124	9 097	5 764	535	1 201	1 119
		43	31	3	3	8	17
		9 793	8 255	5 634	499	1 139	983
SELECTED FARM PRODUCTION EXPENSES¹							
Livestock and poultry purchased	farms	3 288	881	170	157	147	222
	\$1,000	260 854	253 638	229 981	12 435	5 500	3 892
Farms with expenses of—							
\$1 to \$4,999		2 492	299	7	23	36	114
\$5,000 to \$19,999		359	181	15	30	46	52
\$20,000 to \$49,999		127	109	13	29	17	31
\$50,000 or more		310	292	135	75	48	25
Feed for livestock and poultry	farms	5 025	1 271	220	206	204	349
	\$1,000	218 830	211 529	185 781	15 753	4 457	4 182
Farms with expenses of—							
\$1 to \$4,999		4 091	537	24	49	68	188
\$5,000 to \$19,999		473	299	17	35	73	102
\$20,000 to \$49,999		129	120	16	29	28	35
\$50,000 or more		332	315	163	93	35	24
Commercially mixed formula feeds	farms	2 127	569	149	106	91	115
	tons	384 537	370 432	310 026	42 150	8 597	7 457
	\$1,000	54 606	52 580	43 850	5 958	1 290	1 145
Farms by tons purchased:							
1 to 99 tons		1 882	331	28	43	65	93
100 to 499 tons		106	103	19	30	26	22
500 tons or more		139	135	102	33	—	—
Farms with expenses of—							
\$1 to \$4,999		1 763	235	11	29	35	68
\$5,000 to \$19,999		129	105	17	15	31	27
\$20,000 to \$49,999		66	66	11	19	21	14
\$50,000 or more		169	163	110	43	4	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	
VALUE OF PRODUCTS SOLD—Con.						
Market value of agricultural products sold—Con.						
Grain	farms	105	38	22	24	21
\$1,000	farms	481	312	101	44	25
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	6
Commodity Credit Corporation loans	farms	2	1	1	—	—
\$1,000	farms	(D)	(D)	(D)	—	(D)
Cotton and cottonseed	farms	101	59	19	15	8
\$1,000	farms	927	738	129	47	13
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	7
Commodity Credit Corporation loans	farms	3	2	—	1	—
\$1,000	farms	(D)	(D)	—	(D)	(D)
Tobacco	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Field seeds, hay, forage, and silage	farms	497	86	123	119	169
\$1,000	farms	1 785	694	544	330	218
Sales of \$40,000 or more	farms	—	—	—	—	5
\$1,000	farms	—	—	—	—	944
Vegetables, sweet corn, and melons	farms	232	56	41	27	108
\$1,000	farms	496	265	104	56	72
Sales of \$40,000 or more	farms	—	—	—	—	3
\$1,000	farms	—	—	—	—	1 458
Fruits, nuts, and berries	farms	413	96	76	80	161
\$1,000	farms	1 901	1 142	412	222	125
Sales of \$40,000 or more	farms	—	—	—	—	2
\$1,000	farms	—	—	—	—	(D)
Nursery and greenhouse products	farms	78	19	15	22	22
\$1,000	farms	(D)	(D)	102	74	28
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Other crops	farms	14	7	—	7	—
\$1,000	farms	55	41	—	14	97
Sales of \$40,000 or more	farms	—	—	—	—	1
\$1,000	farms	—	—	—	—	(D)
Poultry and poultry products	farms	398	19	44	120	215
\$1,000	farms	(D)	(D)	10	39	58
Sales of \$40,000 or more	farms	—	—	—	—	—
\$1,000	farms	—	—	—	—	—
Dairy products	farms	58	6	8	14	30
\$1,000	farms	68	28	9	14	17
Sales of \$40,000 or more	farms	—	—	—	—	1 281
\$1,000	farms	—	—	—	—	4
Cattle and calves	farms	2 479	371	437	549	1 122
\$1,000	farms	9 860	4 543	2 573	1 546	1 198
Sales of \$40,000 or more	farms	—	—	—	—	12 579
\$1,000	farms	—	—	—	—	55
Hogs and pigs	farms	692	64	37	104	487
\$1,000	farms	912	170	87	198	457
Sales of \$40,000 or more	farms	—	—	—	—	156
\$1,000	farms	—	—	—	—	2
Sheep, lambs, and wool	farms	243	25	29	70	119
\$1,000	farms	305	161	50	44	50
Sales of \$40,000 or more	farms	—	—	—	—	15
\$1,000	farms	—	—	—	—	4 648
Other livestock and livestock products (see text)	farms	1 066	94	143	233	596
\$1,000	farms	2 332	675	595	493	569
Sales of \$40,000 or more	farms	—	—	—	—	1 695
\$1,000	farms	—	—	—	—	12
—	—	—	—	—	—	1 538
SELECTED FARM PRODUCTION EXPENSES*						
Livestock and poultry purchased	farms	2 362	259	290	413	1 400
\$1,000	farms	5 073	873	1 022	697	2 482
Farms with expenses of—						
\$1 to \$4,999		2 176	197	233	398	1 348
\$5,000 to \$19,999		169	58	46	15	17
\$20,000 to \$49,999		15	4	10	—	9
\$50,000 or more		2	—	1	—	3
Feed for livestock and poultry	farms	3 683	442	542	683	2 016
\$1,000	farms	4 758	1 116	680	885	2 077
Forms with expenses of—						
\$1 to \$4,999		3 532	370	519	653	1 990
\$5,000 to \$19,999		149	71	23	30	22
\$20,000 to \$49,999		1	1	—	—	25
\$50,000 or more		1	—	—	—	8
Commercially mixed formula feeds	farms	1 536	150	155	255	976
tons		9 403	1 812	1 415	1 633	4 543
\$1,000	farms	1 358	244	173	219	722
Farms by tons purchased:						
1 to 99 tons		1 536	150	155	255	976
100 to 499 tons		—	—	—	—	15
500 tons or more		—	—	—	—	3
Farms with expenses of—						
\$1 to \$4,999		1 518	142	151	253	972
\$5,000 to \$19,999		18	8	4	2	4
\$20,000 to \$49,999		—	—	—	—	6
\$50,000 or more		—	—	—	—	—

See footnote at end of table.

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

	All farms	Farms with sales of \$20,000 or more					
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
SELECTED FARM PRODUCTION EXPENSES¹—Con.							
Animal health costs	farms \$1,000	4 047 6 804	1 199 5 925	207 4 844	180 484	201 231	352 212
Farms with expenses of—							
\$1 to \$499		3 130	552	24	52	83	208
\$500 to \$999		332	211	13	18	41	84
\$1,000 to \$2,999		318	200	35	44	58	48
\$3,000 or more		267	236	135	66	19	12
Seeds, bulbs, plants, and trees	farms \$1,000	2 971 12 149	1 557 11 411	319 6 389	422 2 782	337 1 157	341 925
Farms with expenses of—							
\$1 to \$999		1 530	259	12	24	66	79
\$1,000 to \$4,999		843	720	73	174	209	204
\$5,000 to \$9,999		329	319	79	140	48	52
\$10,000 or more		269	259	155	84	14	6
Commercial fertilizer	farms \$1,000	3 344 45 195	1 730 43 334	335 27 559	434 9 532	353 3 576	417 2 229
Farms with expenses of—							
\$1 to \$2,499		1 827	309	16	18	32	106
\$2,500 to \$9,999		593	519	15	50	158	244
\$10,000 to \$19,999		397	384	35	154	129	64
\$20,000 or more		527	518	269	212	34	3
Other agricultural chemicals including lime	farms \$1,000	3 075 46 356	1 797 44 639	382 30 124	446 8 882	367 3 799	431 1 480
Farms with expenses of—							
\$1 to \$2,499		1 829	606	66	64	74	266
\$2,500 to \$9,999		495	452	34	95	167	125
\$10,000 to \$19,999		285	282	43	127	72	37
\$20,000 or more		466	457	239	160	54	3
Energy and petroleum products	farms \$1,000	7 596 74 475	2 635 69 505	463 39 501	549 16 860	503 7 123	681 4 746
Farms with expenses of—							
\$1 to \$2,499		5 199	492	6	16	56	171
\$2,500 to \$9,999		1 151	933	45	122	198	379
\$10,000 to \$19,999		416	398	88	138	105	61
\$20,000 or more		830	812	324	273	144	70
Petroleum products	farms \$1,000	7 569 40 947	2 634 37 258	462 18 948	549 9 250	503 4 543	681 3 567
Gasoline	farms \$1,000	7 224	2 554	452	533	493	655
Diesel fuel	farms \$1,000	13 941	11 642	5 374	2 814	1 520	1 335
LP gas, butane, and propane	farms \$1,000	2 823 12 380	1 855 11 784	404 6 165	472 3 231	406 1 291	599 894
Fuel oil	farms \$1,000	1 813 2 698	1 238 2 435	246 1 199	291 543	275 350	285 274
Natural gas	farms \$1,000	242 347	143 332	26 229	26 30	44 46	32 24
Kerosene, motor oil, and grease	farms \$1,000	555 8 702	413 8 542	101 4 924	89 1 871	99 991	100 745
Electricity	farms \$1,000	7 568 2 878	2 633 2 523	461 1 057	549 760	503 346	681 295
Other—coal, wood, coke, etc.	farms \$1,000	4 448 33 369	1 899 32 140	421 (D)	461 (D)	384 2 565	380 1 167
Hired farm labor	farms \$1,000	261 160	63 106	1 (D)	6 (D)	12 15	14 12
Workers by number of days worked:							
150 days or more	farms workers	2 143 18 764	1 837 17 996	447 13 265	498 2 635	396 1 156	357 693
Less than 150 days	farms workers	2 861 42 819	1 640 38 720	356 26 183	400 6 336	344 2 659	357 2 785
Contract labor	farms \$1,000	1 344 29 170	851 28 056	203 22 012	209 3 018	175 1 750	198 988
Customwork, machine hire, and rental of machinery and equipment	farms \$1,000	572 34 787	215 32 804	13 256	46 299	38 254	82 323
Farms with expenses of—							
\$1 to \$2,499		432 157	306 148	47 29	67 58	83 28	91 22
\$2,500 to \$9,999		183	182	114	38	26	3
\$10,000 to \$19,999							
\$20,000 or more							
FARM-RELATED INCOME							
Income from machine work, customwork, and other agricultural services	farms \$1,000	542 7 388	295 6 952	61 4 024	75 1 501	55 686	59 542
Value of agricultural products sold directly to individuals for human consumption	farms \$1,000	700 3 158	126 2 266	15 1 293	17 292	24 327	32 164

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
SELECTED FARM PRODUCTION EXPENSES¹—Con.						
Animal health costs— farms \$1,000	2 780 534	335 91	436 102	557 104	1 452 237	68 344
Farms with expenses of— \$1 to \$499 \$500 to \$999 \$1,000 to \$2,999 \$3,000 or more	2 557 112 103 8	285 23 26 1	377 26 33 —	517 25 15 —	1 378 38 29 7	21 9 15 23
Seeds, bulbs, plants, and trees— farms \$1,000	1 380 455	234 185	199 75	249 62	698 133	34 283
Farms with expenses of— \$1 to \$999 \$1,000 to \$4,999 \$5,000 to \$9,999 \$10,000 or more	1 263 112 5 —	145 89 — —	186 8 5 —	241 8 — —	691 7 — —	8 11 5 10
Commercial fertilizer— farms \$1,000	1 583 955	330 483	263 141	311 144	679 188	31 906
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 505 70 8 —	283 39 8 —	258 5 — —	299 12 — —	665 14 — —	13 4 5 9
Other agricultural chemicals including lime— farms \$1,000	1 237 652	276 272	221 155	236 95	504 130	41 1 065
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 203 30 — 4	251 23 — 2	220 — — 1	235 12 — 1	497 14 — —	20 13 3 5
Energy and petroleum products— farms \$1,000	4 872 3 113	667 1 165	740 595	876 455	2 589 898	89 1 858
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	4 680 192 — —	506 161 — —	715 25 — —	876 — — —	2 583 6 — —	27 26 18 18
Petroleum products— farms \$1,000	4 847 2 213 4 583 1 453 297 557 168 99 15 133 46 4 847 233 2 512 (D) 196 (D)	663 928 611 549 166 190 95 34 5 34 27 663 88 309 (D) 37 (D)	740 415 697 288 52 98 24 40 8 10 6 740 37 370 177 27 3	876 314 785 212 37 94 21 17 2 12 1 876 40 473 134 55 7	2 568 555 2 490 846 404 324 29 123 1 360 314 77 29 2 568 48 1 360 (D) 29 (D)	88 87 846 34 299 18 95 113 123 37 2 (D)
Gasoline— farms \$1,000	4 583	611	697	785	2 490	87
Diesel fuel— farms \$1,000	1 453	549	288	212	404	846
LP gas, butane, and propane— farms \$1,000	297	166	52	37	42	299
Fuel oil— farms \$1,000	557	190	98	94	175	18
Natural gas— farms \$1,000	168	95	24	21	29	95
Kerosene, motor oil, and grease— farms \$1,000	99	34	40	17	8	—
Electricity— farms \$1,000	15	5	8	2	(Z)	—
Other—coal, wood, coke, etc.— farms \$1,000	133	34	10	12	77	9
Hired farm labor— farms \$1,000	46	27	6	1	13	113
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$19,999 \$20,000 to \$49,999 \$50,000 or more	4 847 233 2 512 (D) 196 (D)	663 88 309 (D) 37 (D)	740 37 370 177 27 3	876 40 473 134 55 7	2 568 48 1 360 314 77 29 (D)	88 123 37 (D) 2 (D)
Workers by number of days worked: 150 days or more— farms workers	1 332 1 697	342 673	258 293	243 289	489 442	61 4 011
Farms with expenses of— \$1 to \$4,999 \$5,000 to \$19,999 \$20,000 to \$49,999 \$50,000 or more	1 307 23 1 1	318 23 1 —	258 — — —	243 — — —	488 — — —	13 9 21 18
Workers by number of days worked: Less than 150 days— farms workers	262 339 1 168 3 212	91 107 285 989	48 62 232 639	56 83 209 565	67 87 442 1 019	44 429 53 887
Contract labor— farms \$1,000	486 966	195 644	74 78	57 62	160 182	7 149
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	355 124 7 —	93 95 7 —	73 1 5 —	52 5 — —	137 23 2 —	2 2 1
Customwork, machine hire, and rental of machinery and equipment— farms \$1,000	1 208 1 198	224 486	261 311	174 133	549 268	20 785
Farms with expenses of— \$1 to \$2,499 \$2,500 to \$9,999 \$10,000 to \$19,999 \$20,000 or more	1 087 115 6 —	164 54 6 —	225 36 — —	168 6 — —	530 19 — —	5 7 2 6
FARM-RELATED INCOME						
Income from machine work, customwork, and other agricultural services— farms \$1,000	244 427	28 77	22 153	79 68	115 130	3 9
Value of agricultural products sold directly to individuals for human consumption— farms \$1,000	568 806	86 302	73 150	122 171	287 183	6 86

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	\$50,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
VALUE OF MACHINERY AND EQUIPMENT¹							
Estimated market value of all machinery and equipment—farms—\$1,000—	7 608 356 087	2 634 292 221	462 132 900	547 77 214	502 40 164	679 28 806	444 13 136
Farms by value group:							
\$1 to \$4,999	1 518	124	5	9	10	33	67
\$5,000 to \$9,999	2 227	162	2	10	17	51	82
\$10,000 to \$19,999	1 106	307	17	22	40	130	98
\$20,000 to \$49,999	1 207	666	41	90	133	278	124
\$50,000 to \$99,999	565	430	52	81	134	110	53
\$100,000 to \$199,999	521	504	126	179	132	63	4
\$200,000 to \$499,999	382	367	155	147	35	14	16
\$500,000 or more	82	74	64	9	1	—	—
SELECTED MACHINERY AND EQUIPMENT¹							
Automobiles—farms—number—	3 420 5 572	1 387 2 285	270 605	319 548	253 405	330 432	215 295
Motortrucks, including pickups—farms—number—	6 735 16 775	2 496 9 438	449 3 362	525 2 166	489 1 554	635 1 407	398 949
Wheel tractors—farms—number—	4 779 12 749	2 169 8 736	433 3 151	503 2 343	419 1 421	521 1 165	293 656
2 or 3—farms—number—	1 384 3 269	753 1 828	80 195	119 309	158 384	242 566	154 374
4 or more—farms—number—	1 012 7 097	940 6 432	305 2 908	333 1 983	185 961	80 400	37 180
Grain and bean combines, self-propelled only—farms—number—	377 513	313 431	74 115	98 150	61 66	58 67	22 33
Cornpickers, corn heads, and picker-shellers—farms—number—	79 93	68 82	8 10	20 29	11 13	27 (D)	2 (D)
Corn heads for combines—farms—number—	62 70	51 59	6 (D)	18 21	11 13	15 (D)	1 (D)
Other cornpickers and picker-shellers—farms—number—	20 23	20 23	2 (D)	5 8	— —	12 (D)	1 (D)
Cottonpickers—farms—number—	822 1 789	800 1 747	193 628	280 585	189 304	124 196	14 34
Mower conditioners—farms—number—	750 3 174	417 1 714	72 334	110 434	73 352	105 408	57 186
Pickup balers—farms—number—	841 1 081	478 639	99 131	134 177	80 113	108 142	57 76
Field forage harvesters, shear bar or flywheel type—farms—number—	294 341	160 196	35 52	28 38	23 29	46 47	28 30
AGRICULTURAL CHEMICALS¹							
Agricultural chemicals, including commercial fertilizer and lime—farms—\$1,000—	4 032 91 551	1 986 87 973	399 57 682	475 18 414	393 7 375	475 3 709	244 793
Commercial fertilizer—farms—acres on which used—	3 174 1 044 466	1 714 991 650	334 565 045	434 244 859	352 104 624	408 64 475	186 12 647
Lime—farms—acres on which used—tons—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
Sprays, dusts, granules, fumigants, etc. to control—farms—acres on which used—	1 912 770 425	1 343 736 183	290 431 052	367 180 168	300 77 694	313 42 009	73 5 260
Insects on hay and other crops—farms—acres on which used—	220 52 636	135 51 403	49 35 266	42 8 265	26 6 654	5 308	13 910
Nematodes in crops—farms—acres on which used—	394 91 954	151 88 380	55 72 206	33 10 830	25 3 962	14 710	24 672
Diseases in crops and orchards—farms—acres on which used—	1 621 637 110	1 028 582 387	225 314 457	282 137 882	231 73 792	211 35 161	79 21 095
Weeds, grass, or brush in crops and pasture—farms—acres on which used—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
Chemicals for—							
Defoliation or for growth control of crops, or thinning of fruit—farms—acres on which used—	1 039 430 397	830 417 094	208 253 922	270 109 299	190 37 516	135 14 166	27 2 191
Insect control on livestock and poultry—farms—	1 009 360	443 148	113 53	90 36	76 18	105 15	59 26
Sanitation and rodent and bird control—farms—	— — —	— — —	— — —	— — —	— — —	— — —	— — —
LIVESTOCK							
Cattle and calves inventory—farms—number—	4 064 1 265 896	1 235 1 066 372	196 700 247	175 97 595	210 98 258	332 114 102	322 56 170
Farms with—							
1 to 9—	1 145	69	3	12	17	13	24
10 to 49—	1 340	141	6	16	21	36	62
50 to 99—	380	76	6	11	12	19	28
100 to 199—	334	187	8	19	22	39	99
200 to 499—	417	370	29	54	50	139	98
500 or more—	448	392	144	63	88	86	11
Cows and heifers that had calved—farms—number—	3 210 390 632	1 008 280 653	140 82 515	135 44 797	172 52 894	298 67 795	263 32 652
Beef cows—farms—number—	2 732 318 678	823 210 570	65 29 118	86 33 397	149 50 797	276 64 836	247 32 422
Farms with—							
1 to 9—	996	58	5	8	8	20	17
10 to 49—	761	90	10	14	17	25	24
50 to 99—	267	100	6	9	10	21	34
100 to 199—	253	189	15	8	18	48	100
200 to 499—	306	281	12	24	52	143	50
500 or more—	149	105	17	23	44	19	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	
VALUE OF MACHINERY AND EQUIPMENT¹						
Estimated market value of all machinery and equipment	farms \$1,000	4 885 49 780	672 12 221	746 9 562	877 9 245	2 590 18 751
Farms by value group:						89 14 087
\$1 to \$4,999		1 391	120	229	261	781
\$5,000 to \$9,999		2 057	143	203	262	1 449
\$10,000 to \$19,999		783	200	141	210	232
\$20,000 to \$49,999		523	140	146	128	109
\$50,000 to \$99,999		120	64	27	16	13
\$100,000 to \$199,999		10	5	—	—	5
\$200,000 to \$499,999		1	—	—	—	1
\$500,000 or more		—	—	—	—	14
		—	—	—	—	8
SELECTED MACHINERY AND EQUIPMENT¹						
Automobiles	farms	2 000	321	370	410	899
	number	2 960	481	545	700	1 234
Motortrucks, including pickups	farms	4 155	568	649	721	2 217
	number	5 958	992	945	1 044	2 977
Wheel tractors	farms	2 561	406	447	477	1 231
	number	3 515	667	695	633	1 520
2 or 3	farms	619	121	134	117	247
	number	1 412	298	320	273	521
4 or more	farms	44	22	17	—	5
	number	205	106	79	—	28
		—	—	—	—	460
Grain and bean combines, self-propelled only	farms	59	16	13	19	11
	number	77	17	18	31	11
Cornpickers, corn heads, and picker-shellers	farms	10	—	—	10	—
	number	(D)	—	—	(D)	(D)
Corn heads for combines	farms	10	—	—	10	—
	number	(D)	—	—	(D)	(D)
Other cornpickers and picker-shellers	farms	—	—	—	—	—
	number	—	—	—	—	—
Cottonpickers	farms	13	10	3	—	—
	number	13	10	3	—	9
Mower conditioners	farms	326	43	77	52	154
	number	354	55	77	53	169
Pickup balers	farms	357	92	96	64	105
	number	391	116	96	64	115
Field forage harvesters, shear bar or flywheel type	farms	131	53	32	17	29
	number	140	56	38	17	3
		—	—	—	—	5
AGRICULTURAL CHEMICALS¹						
Agricultural chemicals, including commercial fertilizer and lime	farms	1 997	387	345	400	865
	\$1,000	1 607	755	296	238	318
Commercial fertilizer	farms	1 429	288	263	282	596
	acres on which used	27 146	12 113	4 849	5 121	5 063
Lime	farms	—	—	—	—	—
	acres on which used	—	—	—	—	—
	tons	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	farms	544	157	107	100	180
	acres on which used	12 308	6 508	1 988	1 272	2 540
Nematodes in crops	farms	83	14	23	40	6
	acres on which used	(D)	225	271	411	(D)
Diseases in crops and orchards	farms	237	68	43	25	101
	acres on which used	3 138	2 057	413	124	544
Weeds, grass, or brush in crops and pasture	farms	573	131	128	139	175
	acres on which used	38 815	9 049	17 824	8 771	3 171
		—	—	—	—	15 908
Chemicals for—						
Defoliation or for growth control of crops, or thinning of fruit	farms	198	65	27	35	71
	acres on which used	3 540	1 871	513	394	762
Insect control on livestock and poultry	farms	542	83	94	100	265
Sanitation and rodent and bird control	farms	196	35	24	44	93
LIVESTOCK						
Cattle and calves inventory	farms	2 761	382	441	526	1 412
	number	86 323	32 061	22 789	12 242	19 231
Farms with—						68
1 to 9		1 075	55	64	150	806
10 to 49		1 197	87	219	320	571
50 to 99		301	117	113	46	25
100 to 199		144	91	37	8	8
200 to 499		37	30	4	2	3
500 or more		7	2	4	—	10
		—	—	—	—	49
Cows and heifers that had calved	farms	2 135	334	361	403	1 037
	number	44 452	19 232	12 206	5 957	7 057
Beef cows	farms	1 844	313	337	331	863
	number	43 353	19 074	12 051	5 768	6 460
Farms with—						65 527
1 to 9		936	49	76	150	661
10 to 49		666	111	201	160	194
50 to 99		164	98	44	15	5
100 to 199		60	44	10	5	3
200 to 499		17	10	6	1	4
500 or more		1	1	—	—	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	\$50,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999
LIVESTOCK—Con.							
Cattle and calves inventory—Con.							
Cows and heifers that had calved—Con.							
Milk cows	farms number	938 71 954	325 70 083	83 53 397	63 11 400	57 2 097	57 2 959
Farms with—							
1 to 4		729	142	5	14	36	32
5 to 9		30	12	—	3	4	3
10 to 49		15	11	2	—	—	1
50 to 99		16	16	—	3	4	9
100 to 199		34	31	—	12	12	7
200 to 499		68	67	32	29	1	5
500 or more		46	46	44	2	—	—
Heifers and heifer calves	farms number	2 822 178 561	968 130 336	136 59 499	123 20 808	164 18 281	274 20 875
Steers, steer calves, bulls, and bull calves	farms number	3 325 696 703	1 103 655 383	165 558 233	146 31 990	194 27 083	299 25 432
Cattle and calves sold	farms number	3 806 1 203 595	1 258 1 126 865	202 900 500	180 72 928	212 64 310	328 60 433
Calves	farms number	2 391 509 810	759 487 372	91 420 487	96 23 297	126 19 240	222 16 468
Cattle	farms number	178 473 37 970	147 307 32 080	61 914 12 058	16 011 3 319	22 494 5 709	32 040 7 584
Fattened on grain and concentrates	farms number	2 907 471 841	1 081 455 292	189 408 428	153 19 979	187 13 531	279 28 393
Hogs and pigs inventory	farms number	1 025 122 471 841	979 558 455 292	838 586 408 428	56 917 19 979	41 816 1 918	13 846 1 361
Farms with—							
1 to 9		546	119	47	16	22	15
10 to 49		486	—	—	—	—	—
50 to 99		640 627	638 222	628 297	6 316	1 918	330
100 to 199		337 189	336 042	331 710	2 999	742	499
200 to 499		—	—	—	—	—	92
500 or more		—	—	—	—	—	—
Used or to be used for breeding	farms number	713 31 963	104 18 484	9 8 240	18 4 376	18 2 975	19 1 549
Other	farms number	1 080 160 183	142 131 920	15 70 343	20 31 429	24 16 087	35 8 217
Hogs and pigs sold	farms number	827 197 169	130 183 811	12 98 617	20 38 233	22 25 244	31 15 644
Feeder pigs sold	farms number	137 14 830	22 11 265	— —	4 191 190	2 010 4 841	470 4 331
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms number	714 33 570	106 29 381	9 15 059	18 6 565	18 4 181	21 .2 179
Dec. 1 and May 31	farms number	638 17 575	103 14 354	9 7 222	18 3 527	18 2 037	37 1 067
June 1 and Nov. 30	farms number	325 15 995	94 15 027	9 7 837	17 3 038	18 2 144	34 1 112
Sheep and lambs of all ages inventory	farms number	387 447 866	80 210 422	12 77 381	18 85 217	16 25 633	21 21 250
Ewes 1 year old or older	farms number	293 229 844	57 82 097	8 24 170	13 40 028	12 13 016	11 4 011
Sheep and lambs sold	farms number	315 283 197	71 157 178	12 68 760	18 62 932	13 19 201	13 3 886
Sheep and lambs shorn	farms number	259 336 943	50 136 147	8 67 621	13 50 244	10 17 208	10 176
Horns of wool	pounds of wool	2 230 333	1 103 403	524 268	435 394	136 942	1 581
Horses and ponies inventory	farms number	3 167 42 517	861 9 457	93 1 977	116 1 229	161 1 953	244 2 471
Horses and ponies sold	farms number	1 026 6 010	207 1 250	23 282	32 145	61 275	50 339
Goats inventory	farms number	9 795 111 197	7 768 226	5 728 (D)	347 —	572 (D)	274 21
Goats sold	farms number	163 23 468	7 421	— —	— —	4 (D)	2 2
POULTRY							
Chickens 3 months old or older inventory	farms number	1 510 649 701	204 601 687	13 543 170	16 3 753	31 39 999	51 12 694
Farms with—							
1 to 399		1 495	192	7	15	28	49
400 to 3,199		4	1	—	1	—	—
3,200 to 9,999		3	3	—	—	2	—
10,000 to 19,999		1	1	—	—	1	—
20,000 to 49,999		1	1	—	—	1	—
50,000 to 99,999		4	4	4	—	—	—
100,000 or more		2	2	2	—	—	—
Hens and pullets of laying age	farms number	1 489 641 456	203 601 261	13 543 170	16 (D)	30 (D)	51 12 607
Pullets 3 months old or older not of laying age	farms number	312 8 245	45 426	— —	3 (D)	2 (D)	8 87

See footnote at end of table.

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

	Farms with sales of less than \$20,000					Abnormal farms (see text)
	Total	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500	
	farms	number	farms	number	farms	number
LIVESTOCK—Con.						
Cattle and calves inventory—Con.						
Cows and heifers that had calved—Con.						
Milk cows	608	71	73	117	347	5
farms	1 099	158	155	189	597	772
Forms with—						
1 to 4	586	66	67	114	339	1
5 to 9	18	4	3	3	8	—
10 to 49	4	1	3	—	—	—
50 to 99	—	—	—	—	—	3
100 to 199	—	—	—	—	—	1
200 to 499	—	—	—	—	—	—
500 or more	—	—	—	—	—	—
Heifers and heifer calves	1 789	293	312	377	807	65
farms	20 262	5 981	5 254	2 920	6 107	27 963
number	2 156	347	380	449	980	66
Steers, steer calves, bulls, and bull calves	21 609	6 848	5 329	3 365	6 067	19 711
Cattle and calves sold	2 479	371	437	549	1 122	69
farms	38 326	16 102	10 096	6 249	5 879	38 404
number	9 860	4 543	2 573	1 546	1 198	12 579
Calves	1 581	247	284	357	693	51
farms	21 058	8 748	5 558	3 337	3 415	10 108
number	4 152	1 889	1 083	678	501	1 739
Cattle	1 759	296	364	390	709	67
farms	17 268	7 354	4 538	2 912	2 464	28 296
number	5 709	2 654	1 490	868	697	10 840
Fattened on grain and concentrates	364	50	73	71	170	3
farms	1 807	611	424	322	450	598
number	837	352	219	120	145	310
Hogs and pigs inventory	1 002	68	48	119	767	5
farms	39 692	1 655	1 025	2 331	34 681	2 050
number						
Forms with—						
1 to 9	542	48	29	59	406	1
10 to 49	199	12	14	52	121	1
50 to 99	37	4	2	5	26	—
100 to 199	205	3	2	2	198	1
200 to 499	19	1	1	1	16	—
500 or more	—	—	—	—	—	2
Used or to be used for breeding	605	25	20	51	509	4
farms	13 211	244	163	330	12 474	268
number	933	66	44	110	713	5
Other	26 481	1 411	862	2 001	22 207	1 782
Hogs and pigs sold	692	64	37	104	487	5
farms	11 851	2 237	1 482	2 270	5 862	1 507
number	912	170	87	198	457	156
Feeder pigs sold	114	14	8	26	66	1
farms	(D)	(D)	652	613	1 183	(D)
number	(D)	(D)	21	25	33	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30	605	26	21	53	505	3
farms	3 841	281	205	239	3 116	348
number						
Dec. 1 and May 31	532	24	19	42	447	3
farms	(D)	(D)	111	134	2 639	(D)
number						
June 1 and Nov. 30	229	13	17	35	164	2
farms	(D)	(D)	94	105	477	(D)
Sheep and lambs of all ages inventory	289	28	35	68	158	18
farms	6 933	781	1 474	1 974	2 704	230 511
number						
Ewes 1 year old or older	218	24	22	58	114	18
farms	3 721	422	592	1 047	1 660	144 026
number						
Sheep and lambs sold	226	24	28	64	110	18
farms	5 751	2 609	1 031	1 082	1 029	120 268
number						
Sheep and lambs shorn	191	11	21	57	102	18
farms	4 494	440	1 097	1 561	1 396	196 302
number						
pounds of wool	28 684	3 291	5 894	10 627	8 872	1 098 246
Horses and ponies inventory	2 250	290	348	450	1 162	56
farms	11 692	1 475	1 968	2 490	5 759	21 368
number						
Horses and ponies sold	786	56	115	176	439	33
farms	2 376	160	367	422	1 427	2 384
number						
\$1,000	1 566	306	475	377	409	461
Goats inventory	360	11	18	73	258	14
farms	2 848	163	496	787	1 402	108 123
number						
Goats sold	142	—	4	31	107	14
farms	1 297	—	101	278	918	21 750
number						
\$1,000	57	—	5	14	39	363
POULTRY						
Chickens 3 months old or older inventory	1 303	102	139	225	837	3
farms	42 859	3 417	7 084	10 379	21 979	5 155
number						
Forms with—						
1 to 399	1 302	102	139	224	837	1
400 to 3,199	1	—	—	1	—	2
3,200 to 9,999	—	—	—	—	—	—
10,000 to 19,999	—	—	—	—	—	—
20,000 to 49,999	—	—	—	—	—	—
50,000 to 99,999	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—
Hens and pullets of laying age	1 283	102	137	220	824	3
farms	(D)	(D)	4 806	9 787	18 548	(D)
number						
Pullets 3 months old or older not of laying age	265	15	33	31	186	2
farms	(D)	(D)	2 278	592	3 431	(D)
number						

See footnote at end of table.

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

	All forms	Farms with sales of \$20,000 or more						
		Total	\$500,000 or more	\$200,000 to \$499,999	\$100,000 to \$199,999	\$40,000 to \$99,999	\$20,000 to \$39,999	
POULTRY—Con.								
Chickens 3 months old or older sold	farms number	188 448 399	17 429 537	6 349 999	1 (D)	5 40 864	4 (D)	1 (D)
Broilers and other meat-type chickens sold	farms number	30 423 048	— (D)	1 (D)	— (D)	— —	— —	— —
Farms with—								
1 to 1,999		28	—	—	—	—	—	—
2,000 to 59,999		1	1	1	—	—	—	—
60,000 to 99,999		—	—	—	—	—	—	—
100,000 or more		1	1	—	1	—	—	—
Turkey hens kept for breeding	farms number	83 276	7 25	— —	— —	— —	3 7	4 18
Turkeys sold	farms number	40 8 265	3 7 510	1 (D)	— —	— (D)	1 (D)	— —
CROPS HARVESTED								
Corn for all purposes	farms acres	352 50 040	213 44 169	32 10 128	46 13 523	48 9 843	57 7 682	30 2 993
For grain or seed	farms acres	201 34 175	103 29 573	5 3 901	23 10 578	27 7 055	27 5 345	21 2 694
Irrigated	farms acres	2 916 476 32 719	2 694 302 28 573	457 626 3 901	991 420 9 978	718 318 7 055	383 522 5 345	143 416 2 294
Farms by acres harvested:								
1 to 24 acres		92	14	1	2	2	3	6
25 to 99 acres		34	23	—	3	6	7	7
100 to 499 acres		50	44	1	8	15	13	7
500 acres or more		25	22	3	10	4	4	1
Sorghums for grain or seed	farms acres	181 22 016	148 19 630	25 5 167	44 7 386	29 2 492	36 3 575	14 1 010
Irrigated	farms acres	1 578 209 181	1 480 749 19 630	357 385 5 167	624 751 7 386	216 751 2 492	210 681 3 575	71 181 1 010
Farms by acres harvested:								
1 to 24 acres		34	15	2	2	3	5	3
25 to 99 acres		77	66	3	21	18	18	6
100 to 499 acres		62	60	17	18	8	12	5
500 acres or more		8	7	3	3	—	1	—
Wheat for grain	farms acres	500 104 500	400 100 917	131 64 164	141 24 557	68 7 132	37 3 658	23 1 406
Irrigated	farms acres	7 552 742 499	7 338 351 400	4 845 177 100 917	1 707 793 64 164	477 239 24 557	243 916 7 132	64 226 3 658
Farms by acres harvested:								
1 to 24 acres		87	11	—	2	1	3	5
25 to 99 acres		161	144	23	46	37	21	17
100 to 499 acres		209	204	73	87	30	13	1
500 acres or more		43	41	35	6	—	—	—
Barley for grain	farms acres	293 32 514	232 28 304	45 9 935	77 10 692	51 4 576	42 2 252	17 849
Irrigated	farms acres	2 225 234 32 514	1 942 526 28 304	727 922 9 935	727 723 10 692	288 482 4 576	145 080 2 252	53 319 849
Cotton	farms acres	1 294 569 950	1 180 557 215	258 311 198	356 153 756	248 57 460	228 29 102	90 5 699
Irrigated	farms acres	1 152 165 569 950	1 131 129 557 215	684 051 311 198	296 088 153 756	99 851 57 460	43 801 29 102	7 338 5 699
Farms by acres harvested:								
1 to 24 acres		70	16	—	—	—	4	12
25 to 99 acres		233	184	6	10	19	88	61
100 to 499 acres		679	672	56	244	221	134	17
500 acres or more		312	308	196	102	8	2	—
Irish potatoes	farms acres	30 6 442	25 6 345	18 5 588	5 (D)	1 (D)	1 (D)	— —
Irrigated	farms acres	1 745 418 6 442	1 723 718 6 345	1 545 738 5 588	1 307 (D)	1 307 (D)	1 307 (D)	— —
Farms by acres harvested:								
0.1 to 0.9 acres		—	—	—	—	—	—	—
1.0 to 4.9 acres		3	—	—	—	—	—	—
5.0 to 24.9 acres		1	—	—	—	—	—	—
25.0 to 99.9 acres		7	6	3	1	1	1	—
100.0 acres or more		19	19	15	4	—	—	—
Sugar beets for sugar	farms acres	53 14 869	51 (D)	27 12 891	13 1 307	9 (D)	2 (D)	— —
Irrigated	farms acres	311 317 14 869	267 761 12 891	30 233 1 307	259 836 (D)	98 437 (D)	82 428 (D)	41 803 —
Hay crops (see text)	farms acres	1 807 178 227	886 153 941	179 66 425	211 41 184	155 18 486	175 18 433	166 9 213
Irrigated	farms acres	994 092 1 788	912 043 881	429 539 178	259 836 211	98 437 154	82 428 173	41 803 165
Farms by acres harvested:								
1 to 24 acres		797	111	9	11	20	29	42
25 to 99 acres		557	347	38	65	69	83	92
100 to 499 acres		377	354	85	115	62	60	32
500 acres or more		76	74	47	20	4	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	
POULTRY—Con.						
Chickens 3 months old or older sold	farms number	169 (D)	5 (D)	10 165	67 5 580	87 6 828
Broilers and other meat-type chickens sold	farms number	28	—	—	10 475	18 573
Farms with—						
1 to 1,999		28	—	—	10	18
2,000 to 59,999		—	—	—	—	—
60,000 to 99,999		—	—	—	—	—
100,000 or more		—	—	—	—	—
Turkey hens kept for breeding	farms number	76 251	2 (D)	4 64	13 16	57 169
Turkeys sold	farms number	37 755	3 (D)	2 (D)	16 642	16 81
CROPS HARVESTED						
Corn for all purposes	farms acres	123 1 384	17 383	18 460	8 21	80 520
For grain or seed	farms acres	85 625	9 191	5 39	4 7	67 388
Irrigated	bushels farms acres	27 006 81 570	11 260 9 191	4 041 5 39	176 4 7	11 529 195 168 333
Farms by acres harvested:						
1 to 24 acres		75	6	4	4	61
25 to 99 acres		10	3	1	—	6
100 to 499 acres		—	—	—	—	6
500 acres or more		—	—	—	—	3
Sorghums for grain or seed	farms acres	29 971	13 763	2 (D)	5 (D)	9 66
Irrigated	bushels farms acres	55 351 29 971	43 815 13 763	0 (D)	5 (D)	3 275 9 66
Farms by acres harvested:						
1 to 24 acres		17	3	1	4	9
25 to 99 acres		11	9	1	—	—
100 to 499 acres		1	1	—	—	1
500 acres or more		—	—	—	—	1
Wheat for grain	farms acres	89 961	14 407	8 256	10 116	57 182
Irrigated	bushels farms acres	48 672 88 926	26 716 13 372	8 157 8 256	5 917 10 116	7 882 57 182
Farms by acres harvested:						
1 to 24 acres		74	5	2	10	57
25 to 99 acres		15	9	6	—	2
100 to 499 acres		—	—	—	—	5
500 acres or more		—	—	—	—	2
Barley for grain	farms acres	50 1 502	16 733	9 404	14 230	11 135
Irrigated	bushels farms acres	86 862 50 1 502	44 958 16 733	23 269 9 404	12 540 14 230	165 719 6 095 11 135
Cotton	farms acres	101 2 959	59 2 248	19 413	15 240	11 58
Irrigated	bales farms acres	3 109 101 2 959	2 471 59 2 248	439 19 413	157 15 240	13 42 17 927
Farms by acres harvested:						
1 to 24 acres		51	20	13	10	8
25 to 99 acres		46	35	6	5	3
100 to 499 acres		4	4	—	—	3
500 acres or more		—	—	—	—	4
Irish potatoes	farms acres	3 (D)	3 (D)	— (D)	— (D)	— (D)
Irrigated	hundredweight farms acres	— (D)	— (D)	— (D)	— (D)	— (D)
Farms by acres harvested:						
0.1 to 0.9 acres		—	—	—	—	—
1.0 to 4.9 acres		2	2	—	—	1
5.0 to 24.9 acres		1	1	—	—	—
25.0 to 99.9 acres		—	—	—	—	1
100.0 acres or more		—	—	—	—	—
Sugar beets for sugar	farms acres	— —	— —	— —	— —	2 (D)
Irrigated	tons farms acres	— —	— —	— —	— —	— (D)
Hay crops (see text)	farms acres	897 18 166	160 5 588	187 5 024	175 3 044	375 4 510
Irrigated	tons, dry farms acres	53 643 883 17 105	20 883 157 5 338	15 265 183 4 551	8 191 171 2 726	6 120 9 504 28 206
Farms by acres harvested:						
1 to 24 acres		681	82	118	138	343
25 to 99 acres		201	71	64	36	30
100 to 499 acres		15	7	5	1	2
500 acres or more		—	—	—	—	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
CROPS HARVESTED—Con.							
Alfalfa hay	farms	1 579	808	162	199	143	158
	acres	154 112	135 245	58 378	36 827	16 902	15 600
Irrigated	tons, dry	937 819	864 787	409 564	246 796	94 185	75 857
	farms	1 579	808	162	199	143	158
	acres	154 112	135 245	58 378	36 827	16 902	15 600
All vegetables harvested for sale (see text)	farms	442	200	75	42	27	32
	acres	70 566	68 016	59 698	4 105	1 856	1 697
Irrigated	farms	442	200	75	42	27	32
	acres	70 566	68 016	59 698	4 105	1 856	1 697
Farms by acres harvested:							
0.1 to 4.9 acres		199	7	—	—	1	3
5.0 to 24.9 acres		75	29	1	5	7	9
25.0 to 99.9 acres		75	73	14	20	12	16
100.0 acres or more		93	91	60	17	7	6
Land in orchards	farms	1 164	319	53	43	42	80
	acres	77 634	67 385	43 376	6 431	7 833	4 906
Irrigated	farms	1 164	319	53	43	42	80
	acres	77 634	67 385	43 376	6 431	7 833	4 906
Farms by acres in orchards:							
0.1 to 4.9 acres		482	44	6	3	5	17
5.0 to 24.9 acres		384	56	3	11	5	10
25.0 to 99.9 acres		193	123	9	10	13	36
100.0 acres or more		105	96	35	19	19	17

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.						
Alfalfa hay	farms	749	146	155	141	307
	acres	13 102	4 199	3 761	1 934	3 208
Irrigated	tons, dry	45 796	17 924	13 015	6 772	8 085
	farms	749	146	155	141	307
	acres	13 102	4 199	3 761	1 934	3 208
All vegetables harvested for sale (see text)	farms	232	56	41	27	108
	acres	738	311	166	75	185
Irrigated	farms	232	56	41	27	108
	acres	738	311	166	75	185
Farms by acres harvested:						
0.1 to 4.9 acres		190	36	29	24	101
5.0 to 24.9 acres		42	20	12	3	7
25.0 to 99.9 acres		—	—	—	—	—
100.0 acres or more		—	—	—	—	—
Land in orchards	farms	827	118	111	120	478
	acres	9 717	3 167	2 013	846	3 692
Irrigated	farms	827	118	111	120	478
	acres	9 717	3 167	2 013	846	3 692
Farms by acres in orchards:						
0.1 to 4.9 acres		430	19	45	68	298
5.0 to 24.9 acres		326	71	51	45	159
25.0 to 99.9 acres		63	25	14	7	17
100.0 acres or more		8	3	1	—	4

*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)		
			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)						
			Total	Cotton farms (0131)	Tobacco farms (0132)				
F FARMS AND LAND IN FARMS									
Farms	number	7 568	141	1 592	1 035	—	557		
percent		100.0	1.8	21.0	13.6	—	7.3		
Land in farms	acres	17 580 539	87 387	1 507 533	1 376 530	—	131 003		
Average size of farm	acres	2 323	620	947	1 330	—	235		
Value of land and buildings ¹	farms	7 568	133	1 560	1 058	—	502		
\$1,000	dollars	5 535 286	95 583	1 814 055	1 630 990	—	183 065		
Average per farm	dollars	731 406	718 670	1 162 855	1 541 578	—	364 671		
Average per acre	dollars	317	1 271	1 221	1 176	—	1 855		
Farms by value of land and buildings:									
\$1 to \$19,999		587	—	50	12	—	38		
\$20,000 to \$39,999		869	—	87	17	—	70		
\$40,000 to \$69,999		958	8	67	16	—	51		
\$70,000 to \$99,999		805	6	86	32	—	54		
\$100,000 to \$149,999		720	4	80	32	—	48		
\$150,000 to \$199,999		445	8	90	29	—	61		
\$200,000 to \$499,999		1 333	69	328	238	—	90		
\$500,000 to \$999,999		770	30	299	266	—	33		
\$1,000,000 or more		1 081	8	473	416	—	57		
Owned and rented land by operator:									
Land owned	farms	6 557	116	1 268	798	—	470		
acres		5 898 899	62 063	648 852	574 696	—	74 156		
Land rented or leased from others	farms	2 762	64	857	646	—	211		
acres		12 288 704	28 808	931 024	869 101	—	61 923		
Land rented or leased to others	farms	509	12	132	89	—	43		
acres		607 064	3 484	72 343	67 267	—	5 076		
L LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	5 454	141	1 592	1 035	—	557		
acres		1 505 944	53 190	972 367	874 556	—	97 811		
Harvested cropland	farms	3 934	141	1 592	1 035	—	557		
acres		1 083 927	41 250	740 080	654 018	—	86 062		
Farms by acres harvested:									
1 to 49 acres		2 100	37	418	86	—	332		
50 to 99 acres		347	20	157	82	—	75		
100 to 199 acres		325	18	190	139	—	51		
200 to 499 acres		532	33	369	321	—	48		
500 to 999 acres		371	27	275	240	—	35		
1,000 to 1,999 acres		162	6	124	112	—	12		
2,000 acres or more		97	—	59	55	—	4		
Cropland:									
Pasture or grazing only	farms	2 065	16	15 195	110	—	85		
acres		137 052	963	15 617	12 855	—	2 762		
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	farms	108	8	36	31	—	5		
acres		3 643	543	1 617	1 512	—	105		
On which all crops failed	farms	225	18	51	41	—	10		
acres		12 212	997	5 312	4 490	—	822		
In cultivated summer fallow	farms	264	15	175	160	—	15		
acres		95 360	1 584	82 638	80 517	—	2 121		
Idle	farms	1 138	44	497	411	—	86		
acres		173 730	7 853	127 103	121 164	—	5 939		
Total woodland	farms	201	3	24	14	—	10		
acres		101 843	66	6 037	5 373	—	664		
Woodland pastured	farms	125	1	8	5	—	3		
acres		93 337	(D)	2 809	2 725	—	84		
Woodland not pastured	farms	93	2	18	9	—	9		
acres		8 506	(D)	3 228	2 648	—	580		
Pastureland and rangeland other than cropland and woodland pastured	farms	2 260	26	190	137	—	53		
acres		15 750 997	28 548	442 302	415 922	—	26 380		
Land in house lots, ponds, roads, wasteland, etc.	farms	3 991	77	796	547	—	249		
acres		221 755	5 583	86 827	80 679	—	6 148		
Pastureland, all types	farms	3 930	39	341	215	—	126		
acres		15 981 366	29 525	460 728	431 502	—	29 226		
Irrigated land	farms	4 809	138	1 588	1 035	—	553		
acres		1 171 515	42 441	768 849	680 020	—	88 829		
Harvested cropland irrigated	farms	3 870	138	1 588	1 035	—	553		
acres		1 080 099	40 680	738 544	653 525	—	85 019		
Pastureland irrigated	farms	1 364	9	125	59	—	66		
acres		58 881	447	4 972	3 874	—	1 098		
Other land irrigated	farms	381	16	138	111	—	27		
acres		32 535	1 314	25 333	22 621	—	2 712		
Land set aside in the federal farm programs in 1978	farms	346	38	256	248	—	8		
acres		21 366	3 220	14 531	13 689	—	842		
R RACE AND TENURE OF OPERATOR									
All operators	number	7 568	141	1 592	1 035	—	557		
Full owners	number	4 826	77	740	394	—	346		
Part owners	number	1 698	38	515	396	—	119		
Tenants	number	1 044	26	337	245	—	92		
White	number	7 150	134	1 517	994	—	523		
Full owners	number	4 573	76	711	379	—	332		
Part owners	number	1 588	36	490	383	—	107		
Tenants	number	989	22	316	232	—	84		
Black and other races	number	418	7	75	41	—	34		
Full owners	number	253	1	29	15	—	37		
Part owners	number	110	2	25	13	—	14		
Tenants	number	55	4	21	13	—	8		

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)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)	
F FARMS AND LAND IN FARMS									
Farms	153	124	3 618	2 631	183	74	667	153	
percent	2.0	1.6	47.8	34.7	2.4	0.9	8.8	2.0	
Land in farms	11 070	120 360	15 497 637	14 797 429	23 516	1 715	67 501	34 003	
Average size of farm	72	971	4 283	5 624	129	23	101	222	
Value of land and buildings ¹	138	130	3 635	2 645	181	66	637	179	
\$1,000	32 652	185 817	2 588 143	2 300 970	73 379	6 390	84 862	41 127	
Average per farm	236 611	1 429 362	712 006	869 932	405 409	96 812	133 221	229 758	
Average per acre	3 101	1 514	168	156	4 198	2 824	1 371	805	
Farms by value of land and buildings:									
\$1 to \$19,999	12	4	404	162	3	2	51	—	
\$20,000 to \$39,999	34	5	441	300	22	16	73	60	
\$40,000 to \$69,999	30	6	563	349	11	17	106	19	
\$70,000 to \$99,999	14	19	329	237	23	11	168	42	
\$100,000 to \$149,999	15	7	396	296	15	3	86	14	
\$150,000 to \$199,999	14	11	192	149	7	9	42	—	
\$200,000 to \$499,999	10	13	569	480	58	8	92	31	
\$500,000 to \$999,999	6	14	311	277	23	—	13	11	
\$1,000,000 or more	3	51	430	395	19	—	6	2	
Owned and rented land by operator:									
Land owned	128	106	3 145	2 418	145	66	633	147	
farms	6 691	48 253	4 899 337	4 676 643	19 312	1 368	29 868	22 397	
Land rented or leased from others	42	71	1 389	1 052	73	10	80	31	
farms	4 707	76 013	11 075 140	10 549 941	7 134	358	40 806	(D)	
Land rented or leased to others	3	11	232	190	22	7	24	2	
farms	328	3 906	476 840	429 155	2 930	11	3 173	(D)	
L LAND IN FARMS ACCORDING TO USE									
Total cropland	153	124	2 046	1 374	111	48	247	129	
farms	9 195	83 462	182 241	139 678	13 746	936	8 114	8 514	
Harvested cropland	153	115	826	569	78	21	81	64	
farms	6 468	72 235	54 059	29 090	10 895	105	1 483	1 437	
Farms by acres harvested:									
1 to 49 acres	144	29	643	429	30	21	74	62	
50 to 99 acres	2	5	74	68	19	—	4	—	
100 to 199 acres	2	10	41	35	11	—	1	—	
200 to 499 acres	2	31	48	29	15	—	2	1	
500 to 999 acres	2	25	12	6	1	—	—	1	
1,000 to 1,999 acres	—	8	5	2	2	—	—	—	
2,000 acres or more	1	7	3	—	—	—	—	—	
Cropland:									
Pasture or grazing only	10	26	1 478	1 011	1 29	20	167	63	
farms	147	(D)	100 900	90 477	1 630	(D)	5 234	6 553	
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	1	1	52	23	—	—	5	—	
farms	(D)	(D)	1 271	484	—	—	44	—	
On which all crops failed	2	22	110	31	2	5	3	4	
farms	(D)	943	4 523	2 241	(D)	135	(D)	(D)	
In cultivated summer fallow	4	12	38	26	1	—	1	2	
farms	100	2 840	2 981	2 346	(D)	—	(D)	(D)	
Idle	18	28	311	241	32	17	42	14	
farms	2 466	5 178	18 507	15 040	1 091	222	1 334	458	
Total woodland	1	7	112	96	1	1	25	6	
farms	(D)	2 699	91 102	89 255	(D)	(D)	1 117	145	
Woodland pastured	—	5	90	78	—	1	8	6	
farms	—	(D)	87 296	85 684	—	(D)	454	145	
Woodland not pastured	1	2	35	28	1	—	19	—	
farms	(D)	(D)	3 806	3 571	(D)	—	663	—	
Pastureland and rangeland other than cropland and woodland pastured	7	20	1 659	1 498	36	14	175	62	
farms	80	29 814	15 129 726	14 494 292	6 350	289	53 892	24 240	
Land in house lots, ponds, roads, wasteland, etc.	77	71	1 878	1 309	128	54	475	119	
farms	(D)	4 385	94 568	74 204	(D)	(D)	4 378	1 104	
Pastureland, all types	16	41	2 821	2 214	62	33	340	124	
Irrigated land	227	34 347	15 317 922	14 670 453	7 980	775	59 580	30 938	
farms	112	120	1 512	1 152	94	38	253	91	
Harvested cropland irrigated	6 481	74 708	102 665	73 394	11 636	294	3 350	2 400	
Pastureland irrigated	6 346	72 234	52 478	27 534	10 895	101	1 483	1 437	
Other land irrigated	10	1 423	47 755	44 565	593	37	1 845	731	
Land set aside in the federal farm programs in 1978	125	1 051	2 432	1 295	148	156	22	232	
farms	1	19	20	17	—	—	—	1	
acres	(D)	854	2 129	2 049	—	—	—	(D)	
RACE AND TENURE OF OPERATOR									
All operators	153	124	3 618	2 631	183	74	667	153	
Full owners	111	54	2 239	1 588	111	64	588	122	
Part owners	16	51	894	820	32	2	42	25	
Tenants	26	19	485	223	40	8	37	6	
White	140	119	3 366	2 439	183	73	657	145	
Full owners	104	52	2 062	1 461	111	63	578	120	
Part owners	10	50	839	768	32	2	42	20	
Tenants	26	17	465	210	40	8	37	5	
Black and other races	13	5	252	192	—	1	10	8	
Full owners	7	2	177	127	—	1	10	2	
Part owners	6	1	55	52	—	—	—	5	
Tenants	—	2	20	13	—	—	—	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

Farms by type of organization

	Total farms	Cash grain farms (011)	Total	Cotton farms (0131)	Tobacco farms (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
Individual or family	5 917	116	1 072	626	—	446	130	507
farms	8 027 280	50 173	504 298	437 262	—	67 496	18 715	56 236
acres	942	13	292	216	—	76	23	109
Partnership	3 333 150	26 076	424 873	388 810	—	36 063	9 895	13 575
Corporations:								
Family held	525	5	188	161	—	27	29	34
farms	4 758 140	7 043	470 498	451 226	—	19 272	53 541	38 079
acres	26	1	4	4	—	—	5	6
More than 10 stockholders	499	4	184	157	—	27	24	28
farms	1 179 037	1 963	104 632	97 052	—	7 580	(D)	21 079
10 or less stockholders	114	3	30	26	—	4	8	10
Other than family held	34	—	4	2	—	2	3	5
farms	80	3	26	24	—	2	5	5
Other—cooperative, estate or trust, etc.	70	4	10	6	—	4	2	11
acres	282 932	2 132	2 772	2 180	—	592	(D)	1 185

Operator characteristics

Operators by place of residence:								
On farm operated	4 992	88	843	504	—	339	112	288
Not on farm operated	1 936	44	596	425	—	171	66	333
Operators by age group:								
Under 25 years	127	7	38	26	—	12	4	7
25 to 34 years	1 122	18	230	150	—	80	15	53
35 to 44 years	1 764	36	331	216	—	115	43	91
45 to 54 years	1 981	40	489	307	—	182	55	203
55 to 64 years	1 637	27	345	235	—	110	44	198
65 years and over	937	13	159	101	—	58	31	119
Average age	48.5	46.7	47.9	47.8	—	48.1	50.8	53.3
Operators by sex:								
Male	7 102	134	1 517	1 005	—	512	187	629
Female	466	7	75	30	—	45	5	42
Operators of Spanish origin	590	5	107	69	—	38	23	11
Operators by principal occupation:								
Forming	3 279	106	1 143	899	—	244	137	207
Other	4 289	35	449	136	—	313	55	464
Operators reporting days of work off farm:								
None	2 810	67	881	686	—	195	103	176
1 to 99 days	588	22	146	95	—	51	15	53
100 to 199 days	572	12	107	47	—	60	25	53
200 days or more	3 384	34	387	153	—	234	46	366

Farms by size

1 to 9 acres	1 830	5	57	8	—	49	28	164
10 to 49 acres	1 751	20	277	52	—	225	61	296
50 to 69 acres	213	7	35	14	—	21	12	41
70 to 99 acres	386	7	117	51	—	66	9	36
100 to 139 acres	291	9	58	33	—	25	9	31
140 to 179 acres	264	6	82	56	—	26	10	14
180 to 219 acres	145	4	42	26	—	16	7	20
220 to 259 acres	145	5	58	41	—	17	4	8
260 to 499 acres	565	23	221	187	—	34	10	17
500 to 999 acres	645	36	324	275	—	49	10	20
1,000 to 1,999 acres	472	10	202	181	—	21	13	10
2,000 acres or more	861	9	119	111	—	8	19	14

Farms by standard industrial classification
(see text)

Cash grain farms (011)	141	141	—	—	—	—	—	—
Field crop, except cash grain farms (013)	1 592	—	1 592	1 035	—	557	—	—
Cotton farms (0131)	1 035	—	1 035	1 035	—	—	—	—
Tobacco farms (0132)	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	557	—	557	—	—	557	—	—
Vegetable and melon farms (016)	192	—	—	—	—	—	192	—
Fruit and tree nut farms (017)	671	—	—	—	—	—	—	671
Horticultural specialty farms (018)	153	—	—	—	—	—	—	—
General farms, primarily crop (019)	124	—	—	—	—	—	—	—
Livestock farms, except dairy, poultry, and animal specialty (021)	3 618	—	—	—	—	—	—	—
Beef cattle farms, except feedlots (0212)	2 631	—	—	—	—	—	—	—
Dairy farms (024)	183	—	—	—	—	—	—	—
Poultry and egg farms (025)	74	—	—	—	—	—	—	—
Animal specialty farms (027)	667	—	—	—	—	—	—	—
General farms, primarily livestock (029)	153	—	—	—	—	—	—	—

Value of agricultural products sold

Market value of agricultural products sold	forms	7 568	141	1 592	1 035	—	557	192	671
\$1,000		1 287 593	10 514	383 336	346 751	—	36 585	132 988	65 619
Farms by value of agricultural products sold									
\$500,000 or more		464	—	195	178	—	17	41	22
\$200,000 to \$499,999		549	18	329	298	—	31	14	15
\$100,000 to \$199,999		505	17	235	212	—	23	11	22
\$40,000 to \$99,999		681	25	230	184	—	46	18	49
\$20,000 to \$39,999		595	20	146	75	—	71	13	74
\$10,000 to \$19,999		628	19	98	48	—	50	19	76
\$5,000 to \$9,999		690	14	95	18	—	77	11	59
\$2,500 to \$4,999		880	11	110	14	—	96	17	61
Less than \$2,500		2 586	17	154	8	—	146	48	293

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)	
F FARMS BY TYPE OF ORGANIZATION									
Individual or family	farms 95	80	2 985	2 130	118	62	612	140	
	acres 6 776	28 201	7 303 870	6 992 608	13 213	1 190	26 388	17 760	
Partnership	farms 15	17	377	297	37	6	43	10	
	acres 480	15 101	2 783 384	2 547 664	7 668	220	37 225	14 653	
Corporations:									
Family held	farms 33	20	181	149	21	2	9	3	
	acres 3 253	52 462	4 125 533	3 998 317	(D)	(D)	3 806	1 590	
More than 10 stockholders	farms 1	—	8	6	—	—	1	—	
10 or less stockholders	farms 32	20	173	143	21	2	8	3	
Other than family held	farms 10	5	37	27	6	4	(D)	—	
	acres 561	(D)	1 009 081	983 687	310	(D)	(D)	—	
More than 10 stockholders	farms 2	1	14	12	—	4	1	—	
10 or less stockholders	farms 8	4	23	15	6	—	—	—	
Other—cooperative, estate or trust, etc.	farms —	2	38	28	1	—	2	—	
	acres —	(D)	275 769	275 153	(D)	—	(D)	—	
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	80	86	2 616	1 823	146	63	539	131	
Not on farm operated	67	29	683	547	26	6	68	18	
Operators by age group:									
Under 25 years	3	—	52	37	5	1	10	—	
25 to 34 years	28	14	555	257	34	11	151	13	
35 to 44 years	42	24	859	553	46	15	204	73	
45 to 54 years	37	38	835	651	44	19	177	44	
55 to 64 years	34	30	801	660	42	13	88	15	
65 years and over	9	18	516	473	12	15	37	8	
Average age	45.3	50.3	49.0	51.3	45.5	49.6	43.5	46.5	
Operators by sex:									
Male	143	122	3 384	2 455	175	65	597	149	
Female	10	2	234	176	8	9	70	4	
Operators of Spanish origin	9	10	388	139	1	2	29	5	
Operators by principal occupation:									
Farming	77	87	1 212	990	146	24	127	13	
Other	76	37	2 406	1 641	37	50	540	140	
Operators reporting days off farm:									
None	81	64	1 139	950	145	29	107	18	
1 to 99 days	10	19	265	204	5	2	45	6	
100 to 199 days	14	9	264	205	3	7	76	2	
200 days or more	45	31	1 859	1 198	26	35	430	125	
F FARMS BY SIZE									
1 to 9 acres	95	9	1 006	488	24	35	383	24	
10 to 49 acres	43	13	668	421	86	34	208	45	
50 to 69 acres	1	4	73	53	11	—	21	8	
70 to 99 acres	4	7	135	114	17	2	9	43	
100 to 139 acres	3	4	154	101	9	1	7	6	
140 to 179 acres	—	4	121	91	7	—	9	11	
180 to 219 acres	—	3	63	56	2	1	2	1	
220 to 259 acres	1	4	49	44	6	—	9	1	
260 to 499 acres	2	30	238	209	12	1	8	3	
500 to 999 acres	1	23	214	196	5	—	5	7	
1,000 to 1,999 acres	2	11	218	204	2	—	4	—	
2,000 acres or more	1	12	679	654	2	—	2	4	
F FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)									
Cash grain farms (011)	—	—	—	—	—	—	—	—	
Field crop, except cash grain farms (013)	—	—	—	—	—	—	—	—	
Cotton farms (0131)	—	—	—	—	—	—	—	—	
Tobacco farms (0132)	—	—	—	—	—	—	—	—	
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	—	—	—	—	—	—	—	—	
Vegetable and melon farms (016)	—	—	—	—	—	—	—	—	
Fruit and tree nut farms (017)	—	—	—	—	—	—	—	—	
Horticultural specialty farms (018)	153	—	—	—	—	—	—	—	
General farms, primarily crop (019)	—	124	—	—	—	—	—	—	
Livestock farms, except dairy, poultry, and animal specialty (021)	—	—	3 618	2 631	—	—	—	—	
Beef cattle farms, except feedlots (0212)	—	—	2 631	2 631	—	—	—	—	
Dairy farms (024)	—	—	—	—	183	—	—	—	
Poultry and egg farms (025)	—	—	—	—	—	74	—	—	
Animal specialty farms (027)	—	—	—	—	—	—	667	—	
General farms, primarily livestock (029)	—	—	—	—	—	—	—	153	
VALUE OF AGRICULTURAL PRODUCTS SOLD									
Market value of agricultural products sold	—	—	—	—	—	—	—	—	
farms \$1,000	153	124	3 618	2 631	183	74	667	153	
Farms by value of agricultural products sold	19 417	37 446	516 561	154 067	102 364	7 372	10 983	993	
\$500,000 or more	9	21	91	42	76	6	2	1	
\$200,000 to \$499,999	13	19	93	59	44	1	2	1	
\$100,000 to \$199,999	15	15	162	132	17	3	8	—	
\$40,000 to \$99,999	26	20	274	249	20	3	16	—	
\$20,000 to \$39,999	17	6	286	263	6	—	17	—	
\$10,000 to \$19,999	17	5	344	284	3	1	46	—	
\$5,000 to \$9,999	15	2	402	341	—	—	88	4	
\$2,500 to \$4,999	21	1	503	405	5	6	132	13	
Less than \$2,500	20	35	1 463	856	12	54	356	134	

See footnote at end of table.

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

(Excludes abnormal farms; see text)

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

Market value of agricultural products sold—Con.

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Grain	796	141	478	423	—	55	38	5
Sales of \$40,000 or more	39 481	8 093	19 891	18 222	—	1 669	4 233	51
Commodity Credit Corporation loans	255	53	152	136	—	16	17	—
Cotton and cottonseed	31 738	6 920	15 136	13 823	—	1 314	3 971	—
Sales of \$40,000 or more	78	12	51	48	—	3	1	—
Commodity Credit Corporation loans	722	194	372	336	—	36	(D)	—
Tobacco	1 281	22	1 080	1 035	—	45	43	9
Sales of \$40,000 or more	335 151	1 131	302 163	297 135	—	5 028	12 484	294
Commodity Credit Corporation loans	990	10	864	838	—	26	29	3
Vegetables, sweet corn, and melons	329 363	886	297 883	293 202	—	4 681	12 217	205
Sales of \$40,000 or more	80	2	69	69	—	—	1	1
Fruits, nuts, and berries	2 792	(D)	2 730	2 730	—	—	(D)	(D)
Nursery and greenhouse products	—	—	—	—	—	—	—	—
Other crops	1 219	21	877	335	—	542	27	33
Sales of \$40,000 or more	49 378	606	35 371	14 559	—	20 812	2 820	746
Poultry and poultry products	—	—	—	—	—	—	—	—
Cattle and calves	—	—	—	—	—	—	—	—
Hogs and pigs	—	—	—	—	—	—	—	—
Sheep, lambs, and wool	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	—	—	—	—	—	—	—	—
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms \$1,000	3 243	7	210	95	—	115	31
Farms with expenses of—		258 712	121	2 249	1 888	—	361	27
\$1 to \$4,999		2 475	5	164	61	—	103	30
\$5,000 to \$19,999		350	—	20	12	—	8	1
\$20,000 to \$49,999		124	1	12	10	—	2	—
\$50,000 or more		294	1	14	12	—	2	—
Feed for livestock and poultry	farms \$1,000	4 954	15	321	174	—	147	43
Farms with expenses of—		216 287	75	1 709	1 463	—	246	31
\$1 to \$4,999		4 069	13	275	134	—	141	41
\$5,000 to \$19,999		448	1	23	20	—	3	2
\$20,000 to \$49,999		121	1	15	12	—	3	—
\$50,000 or more		316	—	8	8	—	—	—
Commercially mixed formula feeds	farms tons \$1,000	2 105	9	121	47	—	74	19
Farms by tons purchased:		379 835	120	2 015	1 679	—	336	34
1 to 99 tons		53 938	28	303	240	—	63	5
100 to 499 tons		1 867	9	117	43	—	74	19
500 tons or more		103	—	3	3	—	—	—
Farms with expenses of—		135	—	1	1	—	—	—
\$1 to \$4,999		1 753	8	108	35	—	73	19
\$5,000 to \$19,999		123	—	9	8	—	1	—
\$20,000 to \$49,999		66	1	3	3	—	—	—
\$50,000 or more		163	—	1	1	—	—	—

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

Market value of agricultural products sold—Con.

	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)				
Grain	3	69	54	32	4	—	3	1
\$1,000	(D)	5 642	1 120	434	108	—	35	(D)
Sales of \$40,000 or more	2	24	6	2	1	—	—	—
\$1,000	(D)	4 830	573	(D)	(D)	—	—	—
Commodity Credit Corporation loans	—	7	7	4	—	—	—	—
\$1,000	—	(D)	29	14	—	—	—	—
Cotton and cottonseed	2	70	48	27	5	—	1	1
\$1,000	(D)	11 268	5 299	2 743	545	—	(D)	(D)
Sales of \$40,000 or more	2	47	30	13	3	—	1	1
\$1,000	(D)	10 726	4 983	2 541	495	—	(D)	(D)
Commodity Credit Corporation loans	—	1	6	4	—	—	—	—
\$1,000	—	(D)	32	27	—	—	—	—
Tobacco	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	4	78	133	100	13	1	18	14
\$1,000	23	6 719	2 160	777	662	(D)	(D)	139
Sales of \$40,000 or more	36	10	5	5	—	1	1	1
\$1,000	—	6 060	1 546	340	(D)	—	(D)	(D)
Vegetables, sweet corn, and melons	7	27	80	20	2	2	3	45
\$1,000	162	7 129	341	226	(D)	(D)	1	20
Sales of \$40,000 or more	1	16	3	3	—	—	—	—
\$1,000	(D)	7 001	175	175	—	—	—	—
Fruits, nuts, and berries	5	8	37	22	7	—	9	2
\$1,000	102	447	263	55	7	—	(D)	(D)
Sales of \$40,000 or more	1	3	2	—	—	—	—	—
\$1,000	(D)	420	(D)	—	—	—	—	—
Nursery and greenhouse products	153	6	4	—	—	—	1	—
\$1,000	16 904	216	177	—	—	—	(D)	—
Sales of \$40,000 or more	63	2	1	—	—	—	—	—
\$1,000	16 063	(D)	(D)	—	—	—	—	—
Other crops	2	18	3	2	—	—	—	—
\$1,000	(D)	3 353	(D)	(D)	—	—	—	—
Sales of \$40,000 or more	1	12	—	—	—	—	—	—
\$1,000	(D)	(D)	—	—	—	—	—	—
Poultry and poultry products	5	2	222	128	8	64	32	59
\$1,000	1	(D)	(D)	(D)	4	7 341	—	(D)
Sales of \$40,000 or more	—	—	1	—	—	13	—	—
\$1,000	—	—	(D)	—	—	(D)	—	—
Dairy products	—	2	44	23	181	1	—	4
\$1,000	—	(D)	112	104	91 838	(D)	—	140
Sales of \$40,000 or more	—	—	—	—	157	—	—	(D)
\$1,000	—	—	(D)	—	(D)	—	—	—
Cattle and calves	3	41	3 043	2 562	176	16	70	65
\$1,000	6	2 389	478 821	148 795	9 087	16	95	335
Sales of \$40,000 or more	—	15	534	476	69	—	2	(D)
\$1,000	—	1 996	461 480	132 779	7 812	—	—	—
Hogs and pigs	1	6	669	99	10	9	13	52
\$1,000	(D)	157	18 765	108	(D)	10	6	15
Sales of \$40,000 or more	—	1	54	—	—	—	—	—
\$1,000	—	(D)	(D)	—	—	—	—	—
Sheep, lambs, and wool	2	3	239	78	4	6	10	6
\$1,000	(D)	92	8 769	373	104	1	3	1
Sales of \$40,000 or more	—	1	28	1	1	—	—	—
\$1,000	—	(D)	8 309	(D)	(D)	—	—	—
Other livestock and livestock products (see text)	5	10	471	333	6	7	667	67
\$1,000	2	8	604	430	3	3	10 576	79
Sales of \$40,000 or more	—	—	2	1	—	—	28	—
\$1,000	—	(D)	(D)	—	—	—	8 116	—
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	farms	1	46	2 310	1 539	105	56	327
\$1,000	(D)	244 209	55 215	8 925	848	1 315	107	60
Farms with expenses of—								
\$1 to \$4,999	1	34	1 735	1 096	16	46	294	107
\$5,000 to \$19,999	—	3	286	233	11	2	27	—
\$20,000 to \$49,999	—	3	84	66	21	2	1	—
\$50,000 or more	—	6	205	144	57	6	5	—
Feed for livestock and poultry	farms	12	64	3 470	2 493	181	58	565
\$1,000	9	517	158 611	20 425	49 226	4 083	1 782	142 194
Farms with expenses of—								
\$1 to \$4,999	12	51	2 848	2 088	30	47	529	140
\$5,000 to \$19,999	—	5	390	291	2	—	25	—
\$20,000 to \$49,999	—	5	74	57	17	2	6	1
\$50,000 or more	—	3	158	57	132	9	5	1
Commercially mixed formula feeds	farms	1	20	1 435	883	166	58	179
tons	(D)	(D)	183 429	50 487	161 192	26 947	3 614	63 214
\$1,000	(D)	24 281	7 004	24 360	4 081	516	34	—
Farms by tons purchased:								
1 to 99 tons	1	17	1 363	860	25	48	171	63
100 to 499 tons	—	1	39	14	50	3	7	—
500 tons or more	—	2	33	9	91	7	1	—
Farms with expenses of—								
\$1 to \$4,999	1	16	1 269	783	24	47	166	61
\$5,000 to \$19,999	—	1	95	77	7	—	9	2
\$20,000 to \$49,999	—	—	29	13	28	2	3	—
\$50,000 or more	—	3	42	10	107	9	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)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs	forms. \$1,000	3 979 6 460	11 4	227 65	115 51	— —	112 14	21 3
Farms with expenses of—								
\$1 to \$499		3 109	8	199	90	—	109	19
\$500 to \$999		323	1	9	—	—	2	1
\$1,000 to \$2,999		303	2	12	11	—	1	1
\$3,000 or more		244	—	5	5	—	—	—
Seeds, bulbs, plants, and trees	forms. \$1,000	2 937 11 866	113 500	1 251 6 443	1 034 5 695	— —	217 748	175 1 992
Farms with expenses of—								
\$1 to \$999		1 522	28	313	198	—	115	88
\$1,000 to \$4,999		832	53	547	493	—	54	36
\$5,000 to \$9,999		324	14	242	214	—	28	14
\$10,000 or more		259	18	149	129	—	20	37
Commercial fertilizer	forms. \$1,000	3 313 44 289	118 1 337	1 300 28 035	1 058 25 564	— —	242 2 471	206 6 415
Farms with expenses of—								
\$1 to \$2,499		1 814	42	258	114	—	144	123
\$2,500 to \$9,999		589	31	368	331	—	37	32
\$10,000 to \$19,999		392	23	287	262	—	25	12
\$20,000 or more		518	22	387	351	—	36	24
Other agricultural chemicals including lime	forms. \$1,000	3 034 45 291	103 389	1 186 32 460	973 31 482	— —	213 978	154 5 687
Farms with expenses of—								
\$1 to \$2,499		1 809	65	317	159	—	158	83
\$2,500 to \$9,999		482	24	290	267	—	23	24
\$10,000 to \$19,999		282	13	225	207	—	18	11
\$20,000 or more		461	1	354	340	—	14	36
Energy and petroleum products	forms. \$1,000	7 507 72 617	133 1 752	1 554 43 920	1 058 41 479	— —	496 2 441	206 4 736
Farms with expenses of—								
\$1 to \$2,499		5 172	62	496	128	—	368	109
\$2,500 to \$9,999		1 125	27	322	248	—	74	60
\$10,000 to \$19,999		398	12	193	169	—	24	20
\$20,000 or more		812	32	543	513	—	30	33
Petroleum products	forms. \$1,000	7 481 39 471	133 1 479	1 553 21 717	1 057 20 284	— —	496 1 433	206 2 863
Gasoline	farms. \$1,000	7 137	113	1 481	1 027	—	454	196
Diesel fuel	farms. \$1,000	13 095	199	5 527	4 919	—	608	649
LP gas, butane, and propane	farms. \$1,000	2 789	99	1 188	940	—	248	881
Fuel oil	farms. \$1,000	12 080	314	7 599	6 992	—	607	155
Natural gas	farms. \$1,000	1 795	44	633	538	—	95	514
Kerosene, motor oil, and grease	farms. \$1,000	2 604	50	1 144	1 061	—	82	72
Electricity	farms. \$1,000	242	9	91	82	—	9	36
Other—coal, wood, coke, etc.	farms. \$1,000	347	4	209	203	—	6	18
Hired farm labor	forms. \$1,000	546 125 966	48 1 054	233 45 296	226 42 310	— —	7 2 986	123 29 246
Farms with expenses of—								
\$1 to \$4,999		1 762	45	298	126	—	172	37
\$5,000 to \$19,999		680	19	244	220	—	24	21
\$20,000 to \$49,999		557	20	305	279	—	26	17
\$50,000 or more		492	4	241	226	—	15	48
Workers by number of days worked:								
150 days or more	farms. workers.	2 099	41	835	751	—	84	94
Less than 150 days	farms. workers.	18 335	114	5 152	4 794	—	358	5 779
Contract labor	farms. \$1,000	2 808	71	911	701	—	210	104
Customwork, machine hire, and rental of machinery and equipment	forms. \$1,000	41 932	483	13 532	12 617	—	915	13 183
Farms with expenses of—								
\$1 to \$2,499		1 337	12	601	501	—	100	57
\$2,500 to \$9,999		29 021	97	7 168	6 452	—	716	294
\$10,000 to \$19,999		570	8	203	132	—	71	138
\$20,000 or more		430	—	212	194	—	18	92
		155	2	94	89	—	5	32
		182	2	92	86	—	6	28
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services	forms. \$1,000	2 488 34 002	86 668	1 048 20 295	731 18 461	— —	317 1 834	82 3 044
Value of agricultural products sold directly to individuals for human consumption	forms. \$1,000	7 379 3 071	18 (D)	226 178	171 25	— —	55 475	27 1 784

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

	Horticultural specialty farms (018)	General farms, primarily crop (019)	Livestock farms, except dairy, poultry, and animal specialty (021)					
			Total	Beef cattle farms, except feedlots (0212)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)
SELECTED FARM PRODUCTION EXPENSES¹ — Con.								
Animal health costs— \$1,000—	10 1	50 38	2 876 4 552	2 084 1 093	1 169 1 373	44 44	452 367	80 10
Farms with expenses of— \$1 to \$499— \$500 to \$999— \$1,000 to \$2,999— \$3,000 or more—	10 — — —	24 17 5 4	2 331 241 180 124	1 695 196 140 53	35 4 36 94	36 1 4 3	330 46 62 14	78 1 1 —
Seeds, bulbs, plants, and trees— \$1,000—	94 989	104 872	731 685	505 307	42 136	23 3	135 47	78 33
Farms with expenses of— \$1 to \$999— \$1,000 to \$4,999— \$5,000 to \$9,999— \$10,000 or more—	46 18 14 16	19 47 21 17	612 98 11 10	447 48 5 5	13 20 6 3	23 — — —	133 1 — 1	77 — — 1
Commercial fertilizer— \$1,000—	118 423	99 3 661	712 1 373	471 648	44 142	12 2	110 61	64 41
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	100 11 3 4	22 26 21 25	636 40 21 15	427 25 13 6	28 11 5 —	12 — — —	108 — 1 1	63 — — 1
Other agricultural chemicals including lime— \$1,000—	113 302	80 2 524	603 1 629	458 871	83 174	9 14	127 26	16 8
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	102 4 4 3	28 20 15 17	540 33 8 22	423 15 5 15	71 9 1 2	8 1 — —	125 2 — —	15 1 — —
Energy and petroleum products— \$1,000—	138 1 043	130 2 882	3 619 10 914	2 635 5 993	176 2 562	66 395	627 433	176 184
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	104 21 4 9	43 33 22 32	2 889 545 91 94	2 075 450 63 47	38 58 39 41	57 2 4 3	612 13 — 2	174 — 1 1
Petroleum products— \$1,000—	138 549	130 1 733	3 608 7 362	2 624 4 397	172 968	66 115	621 278	176 99
Gasoline— \$1,000—	97	127	3 470	2 514	171	66	600	167
Diesel fuel— \$1,000—	191	628	3 622	2 660	528	66	211	62
LP gas, butane, and propane— \$1,000—	40	92	878	655	102	15	26	55
Fuel oil— \$1,000—	120	769	1 345	666	229	24	18	28
Natural gas— \$1,000—	32	32	820	645	54	10	58	7
Kerosene, motor oil, and grease— \$1,000—	11	71	808	515	111	(D)	(D)	3
Electricity— \$1,000—	6	3	73	61	5	2	1	—
Other—coal, wood, coke, etc.— \$1,000—	34	23	109	73	9	5	34	5
Hired farm labor— \$1,000—	185 3 596	112 6 594	1 044 20 710	248 9 423	26 8 264	13 529	6 901	6 155
Farms with expenses of— \$1 to \$4,999— \$5,000 to \$19,999— \$20,000 to \$49,999— \$50,000 or more—	56 9 4 22	14 18 17 22	856 291 128 69	699 262 103 30	26 22 50 52	25 2 4 3	151 18 2 3	73 — 1 1
Workers by number of days worked: 150 days or more— Less than 150 days—	44 474 71 930	64 869 55 1 796	654 2 615 1 089 5 607	538 950 879 2 978	124 950 91 779	14 69 28 92	69 192 142 672	17 22 69 127
Contract labor— \$1,000—	48 156	39 1 360	216 819	148 524	26 214	2 (D)	41 38	1 (D)
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	33 12 2 1	2 19 5 13	136 65 8 7	89 50 5 4	10 5 6 5	— — — 2	33 8 — —	— 1 — —
Customwork, machine hire, and rental of machinery and equipment— \$1,000—	19 155	79 1 663	629 1 811	453 849	50 392	13 12	67 34	80 41
Farms with expenses of— \$1 to \$2,499— \$2,500 to \$9,999— \$10,000 to \$19,999— \$20,000 or more—	13 4 — 2	16 38 4 21	506 92 14 17	365 77 6 5	20 14 9 7	12 1 — —	65 2 — —	79 1 — —
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services— \$1,000—	5 6	21 563	123 318	97 197	5 76	3 2	39 155	47 31
Value of agricultural products sold directly to individuals for human consumption— \$1,000—	12 216	7 35	333 717	178 240	11 801	22 282	69 146	50 24

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms

			Field crop farms except cash grain farms (013)				Vegetable and melon farms (016) Fruit and tree nut farms (017)					
	Total farms	Cash grain farms (011)										
			Total	Cotton farms (0131)	Tobacco farms (0132)							
VALUE OF MACHINERY AND EQUIPMENT¹												
Estimated market value of all machinery and equipment—farms—\$1,000—	7 519	133	1 552	1 057	—	495	206	687				
Farms by value group:	342 000	8 116	183 866	166 196	—	17 670	21 251	21 290				
\$1 to \$4,999	1 515	18	108	23	—	85	30	115				
\$5,000 to \$9,999	2 219	12	202	33	—	169	36	277				
\$10,000 to \$19,999	1 090	6	110	58	—	52	25	114				
\$20,000 to \$49,999	1 189	42	276	175	—	101	37	97				
\$50,000 to \$99,999	550	27	238	205	—	33	15	37				
\$100,000 to \$199,999	514	15	334	298	—	36	28	18				
\$200,000 to \$499,999	368	13	241	224	—	17	25	27				
\$500,000 or more	74	—	43	41	—	2	10	2				
SELECTED MACHINERY AND EQUIPMENT¹												
Automobiles—farms—number—	3 387	81	756	541	—	215	100	335				
number—	5 245	100	1 262	949	—	313	198	524				
Motortrucks, including pickups—farms—number—	6 651	111	1 418	1 003	—	415	196	523				
Wheel tractors—farms—number—	15 396	294	4 445	3 664	—	781	742	1 226				
number—	4 730	99	1 416	1 010	—	406	180	467				
2 or 3—farms—number—	12 251	265	5 637	4 686	—	951	946	1 047				
number—	1 372	62	479	322	—	157	59	127				
4 or more—farms—number—	3 240	138	1 190	797	—	393	144	296				
number—	984	20	628	562	—	66	79	78				
number—	6 637	110	4 138	3 763	—	375	760	489				
Grain and bean combines, self-propelled only—farms—number—	372	36	203	165	—	38	13	10				
number—	508	47	288	245	—	43	18	11				
Cornpickers, corn heads, and picker-shellers—farms—number—	78	31	12	11	—	1	8	—				
number—	92	37	16	(D)	—	(D)	8	—				
Corn heads for combines—farms—number—	61	24	11	10	—	1	2	—				
Other cornpickers and picker-shellers—farms—number—	69	27	(D)	(D)	—	(D)	(D)	—				
number—	20	9	2	1	—	1	6	—				
number—	23	10	(D)	(D)	—	(D)	(D)	—				
Cottonpickers—farms—number—	813	3	717	700	—	17	21	—				
number—	1 760	3	1 570	1 542	—	28	61	—				
Mower conditioners—farms—number—	743	13	290	159	—	131	14	37				
number—	832	13	336	183	—	153	17	38				
Pickup balers—farms—number—	831	19	375	192	—	183	11	22				
number—	1 030	21	506	265	—	241	20	22				
Field forage harvesters, shear bar or flywheel type—farms—number—	291	3	99	59	—	40	3	11				
number—	336	3	116	66	—	50	3	11				
AGRICULTURAL CHEMICALS¹												
Agricultural chemicals, including commercial fertilizer and lime—farms—\$1,000—	3 983	130	1 351	1 058	—	293	206	623				
\$1,000—	89 580	1 726	60 494	57 045	—	3 449	12 102	4 879				
Commercial fertilizer—farms—acres on which used—	3 143	118	1 295	1 058	—	237	206	502				
Lime—farms—acres on which used—tons—	1 018 796	37 283	705 625	644 704	—	60 921	88 163	59 630				
Sprays, dusts, granules, fumigants, etc. to control—												
Insects on hay and other crops—farms—acres on which used—	1 887	78	1 017	859	—	158	130	359				
acres on which used—	748 491	25 821	531 744	486 471	—	45 263	69 035	47 381				
Nematodes in crops—farms—acres on which used—	218	1	96	68	—	28	15	79				
Diseases in crops and orchards—farms—acres on which used—	52 316	(D)	40 270	38 954	—	1 316	3 522	3 511				
Weeds, grass, or brush in crops and pasture—farms—acres on which used—	388	1	67	58	—	9	35	196				
acres on which used—	91 518	(D)	44 139	39 022	—	5 117	13 267	28 124				
acres on which used—	1 601	80	748	624	—	124	89	222				
acres on which used—	621 202	19 870	375 941	351 420	—	24 521	42 066	23 871				
Chemicals for—												
Defoliation or for growth control of crops, or thinning of fruit—farms—acres on which used—	1 028	4	759	700	—	59	19	118				
acres on which used—	420 634	1 380	369 318	361 189	—	8 129	13 943	3 477				
Insect control on livestock and poultry—farms—acres on which used—	985	16	115	96	—	19	45	26				
Sanitation and rodent and bird control—farms—	344	1	34	28	—	6	29	36				
LIVESTOCK												
Cattle and calves inventory—farms—number—	3 996	29	346	175	—	171	30	44				
number—	1 152 695	2 342	28 967	23 812	—	5 155	768	771				
Farms with—												
1 to 9—	1 144	11	136	42	—	94	21	32				
10 to 49—	1 338	9	121	60	—	61	4	10				
50 to 99—	377	2	24	21	—	3	2	—				
100 to 199—	331	3	26	18	—	8	2	1				
200 to 499—	407	4	21	16	—	5	1	1				
500 or more—	399	—	18	18	—	—	—	—				
Cows and heifers that had calved—farms—number—	3 143	29	221	129	—	92	26	29				
number—	325 105	1 379	11 747	10 243	—	1 504	322	303				
Beef cows—farms—number—	2 667	25	182	117	—	65	20	20				
number—	253 923	1 368	11 578	10 128	—	1 450	311	289				
Farms with—												
1 to 9—	994	15	82	37	—	45	14	15				
10 to 49—	756	2	49	37	—	12	4	4				
50 to 99—	264	2	21	17	—	4	1	—				
100 to 199—	249	2	13	10	—	3	1	—				
200 to 499—	298	4	14	13	—	1	—	1				
500 or more—	106	—	3	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 MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	forms \$1,000	138 3 531	130 15 336	3 620 65 701	2 631 44 228	176 12 824	66 1 961	632 6 619
Farms by value group:								
\$1 to \$4,999	47	10	928	576	24	13	196	26
\$5,000 to \$9,999	37	26	1 211	875	9	24	250	135
\$10,000 to \$19,999	21	10	664	546	13	11	100	16
\$20,000 to \$49,999	19	24	564	477	60	3	67	—
\$50,000 to \$99,999	6	19	149	97	29	13	17	—
\$100,000 to \$199,999	6	18	69	43	22	1	2	1
\$200,000 to \$499,999	1	17	26	14	16	1	—	—
\$500,000 or more	1	6	9	3	3	—	—	—
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	forms	31	71	1 517	1 160	100	35	279
	number	38	115	2 273	1 695	168	79	382
Motortrucks, including pickups	forms	118	121	3 227	2 334	162	58	555
	number	246	509	6 266	4 560	449	116	865
Wheel tractors	forms	65	121	1 862	1 399	153	38	238
	number	158	502	2 812	2 029	403	57	345
2 or 3	forms	13	40	461	361	52	15	52
	number	30	94	1 054	819	121	31	117
4 or more	forms	14	47	75	44	38	1	3
	number	90	374	432	216	219	(D)	(D)
Grain and bean combines, self-propelled only	forms	7	26	63	34	5	2	1
	number	12	37	73	37	7	(D)	(D)
Cornpickers, corn heads, and picker-shellers	forms	—	11	15	13	1	—	—
	number	—	13	16	14	(D)	—	—
Corn heads for combines	forms	—	11	12	11	1	—	—
	number	—	13	12	(D)	(D)	—	—
Other cornpickers and picker-shellers	forms	—	—	3	2	—	—	—
	number	—	—	4	(D)	—	—	—
Cottonpickers	forms	1	37	31	16	1	—	1
	number	(D)	67	47	22	(D)	—	(D)
Mower conditioners	forms	5	51	281	224	19	11	15
	number	5	56	298	233	21	11	18
Pickup balers	forms	—	49	319	259	15	11	3
	number	—	62	345	271	22	21	4
Field forage harvesters, shear bar or flywheel type	forms	1	14	114	75	25	—	16
	number	(D)	(D)	125	83	37	—	17
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	forms	126	99	1 083	798	95	18	188
	\$1,000	725	6 185	3 001	1 519	316	15	87
Commercial fertilizer	forms	77	99	629	414	43	12	98
	acres on which used	7 123	70 247	43 548	22 710	4 537	75	1 614
Lime	forms	—	—	—	—	—	—	—
	acres on which used	—	—	—	—	—	—	—
	tons	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	forms	57	63	119	71	41	3	15
	acres on which used	5 066	42 473	22 238	5 231	4 341	17	360
Nematodes in crops	forms	7	5	11	3	4	—	—
	acres on which used	(D)	645	2 850	1 226	99	—	—
Diseases in crops and orchards	forms	24	12	33	14	7	—	—
	acres on which used	(D)	3 924	1 150	1 060	105	—	62
Weeds, grass, or brush in crops and pasture	forms	51	42	248	198	35	—	75
	acres on which used	5 561	33 893	116 097	101 223	2 614	—	544
	acres on which used	—	—	—	—	—	—	745
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	forms	8	48	60	35	10	—	1
	acres on which used	2 960	17 699	10 392	4 041	(D)	—	(D)
Insect control on livestock and poultry	forms	14	19	521	364	79	12	128
Sanitation and rodent and bird control	forms	20	4	147	106	22	2	44
LIVESTOCK								
Cattle and calves inventory	forms	11	59	3 027	2 460	182	33	132
	number	48	10 091	1 003 819	498 195	101 702	302	1 262
Farms with—								
1 to 9	10	22	672	364	17	26	105	92
10 to 49	1	8	1 141	994	6	6	23	9
50 to 99	—	6	330	285	9	1	2	1
100 to 199	—	9	267	255	22	—	1	—
200 to 499	—	8	315	303	56	—	1	—
500 or more	—	6	302	259	72	—	—	1
Cows and heifers that had calved	forms	8	44	2 428	2 021	181	23	60
	number	12	3 839	235 646	222 476	70 032	120	336
Beef cows	forms	3	35	2 263	1 930	12	18	50
	number	7	3 821	234 455	221 503	511	99	316
Farms with—								
1 to 9	3	13	750	534	4	17	44	37
10 to 49	—	5	680	597	5	1	5	1
50 to 99	—	3	235	220	1	—	1	—
100 to 199	—	8	223	216	2	—	—	—
200 to 499	—	4	275	270	—	—	—	—
500 or more	—	2	100	93	—	—	—	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**LIVESTOCK—Con.****Cattle and calves inventory—Con.****Cows and heifers that had calved—Con.**

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Milk cows	933	7	63	23	—	40	11	12
Farms with—	71 182	11	169	115	—	54	11	14
1 to 4	728	7	60	20	—	40	11	12
5 to 9	30	—	2	2	—	—	—	—
10 to 49	15	—	—	—	—	—	—	—
50 to 99	16	—	1	1	—	—	—	—
100 to 199	31	—	—	—	—	—	—	—
200 to 499	67	—	—	—	—	—	—	—
500 or more	46	—	—	—	—	—	—	—
Heifers and heifer calves	2 757	14	237	121	—	116	16	23
Farms with—	150 598	484	7 778	6 370	—	1 408	328	174
1 to 4	3 259	18	283	153	—	130	17	32
5 to 9	676 992	479	9 442	7 199	—	2 243	118	294
Cattle and calves sold	3 737	23	272	158	—	114	13	15
Farms with—	1 165 191	1 562	19 282	16 451	—	2 831	306	251
\$1,000	497 232	473	5 852	4 952	—	900	93	64
Calves	2 340	13	146	76	—	70	10	5
Farms with—	168 365	739	7 177	5 813	—	1 364	166	143
\$1,000	36 231	176	1 613	1 302	—	310	40	29
Cattle	2 840	17	210	119	—	91	8	12
Farms with—	996 826	823	12 105	10 638	—	1 467	140	108
\$1,000	461 001	297	4 239	3 649	—	590	53	35
Fattened on grain and concentrates	483	3	30	16	—	14	2	1
Farms with—	640 029	8	2 485	2 253	—	232	(D)	(D)
\$1,000	336 879	3	886	806	—	80	(D)	(D)
Hogs and pigs inventory	1 153	7	65	22	—	43	23	15
Farms with—	190 096	54	1 198	667	—	531	249	101
1 to 9	579	6	34	16	—	18	18	12
10 to 49	239	1	28	3	—	25	5	2
50 to 99	40	—	2	2	—	—	—	1
100 to 199	214	—	—	—	—	—	—	—
200 to 499	29	—	1	1	—	—	—	—
500 or more	52	—	—	—	—	—	—	—
Used or to be used for breeding	709	1	39	9	—	30	6	4
Farms with—	31 695	(D)	239	133	—	106	26	(D)
Other	1 075	6	62	19	—	43	23	15
Farms with—	158 401	(D)	959	534	—	425	223	(D)
Hogs and pigs sold	822	6	46	13	—	33	7	3
Farms with—	195 662	57	1 759	1 028	—	731	185	(D)
\$1,000	19 146	2	171	84	—	87	14	(D)
Feeder pigs sold	136	1	6	3	—	3	7	1
Farms with—	14 787	(D)	218	184	—	34	185	(D)
\$1,000	545	(D)	7	6	—	1	14	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	711	5	41	11	—	30	7	4
Farms with—	33 222	(D)	467	195	—	272	27	8
Dec. 1 and May 31	635	4	38	11	—	27	5	3
Farms with—	17 394	(D)	325	102	—	223	(D)	4
June 1 and Nov. 30	323	1	31	5	—	26	2	3
Farms with—	15 828	(D)	142	93	—	49	(D)	4
Sheep and lambs of all ages inventory	369	1	39	16	—	23	3	11
Farms with—	217 355	(D)	21 085	14 873	—	6 212	13	125
Ewes 1 year old or older	275	—	24	8	—	16	3	9
Farms with—	85 818	—	6 731	3 048	—	3 683	10	100
Sheep and lambs sold	297	—	32	15	—	17	2	8
Farms with—	162 929	—	20 419	14 840	—	5 579	(D)	90
Sheep and lambs shorn	241	—	16	6	—	10	2	8
Farms with—	140 641	—	8 418	5 047	—	3 371	(D)	106
Pounds of wool	1 132 087	—	43 927	20 331	—	23 596	(D)	642
Horses and ponies inventory	3 111	16	306	157	—	149	27	50
Farms with—	21 149	75	1 201	657	—	544	87	169
Horses and ponies sold	993	2	49	30	—	19	5	1
Farms with—	3 626	(D)	127	88	—	39	15	(D)
\$1,000	9 334	(D)	122	107	—	15	3	(D)
Goats inventory	373	—	15	6	—	9	12	3
Farms with—	3 074	—	63	23	—	40	75	5
Goats sold	149	—	5	3	—	2	—	(D)
Farms with—	1 718	—	16	(D)	—	(D)	—	(D)
\$1,000	63	—	(Z)	(D)	—	(D)	—	(D)

POULTRY

Chickens 3 months old or older inventory	farms	1 507	12	134	45	—	89	20	46
Farms with—	644 546	415	5 949	4 254	—	1 695	505	1 073	
1 to 399	1 494	12	133	44	—	89	20	46	
400 to 3,199	2	—	—	—	—	—	—	—	
3,200 to 9,999	3	—	1	1	—	—	—	—	
10,000 to 19,999	1	—	—	—	—	—	—	—	
20,000 to 49,999	1	—	—	—	—	—	—	—	
50,000 to 99,999	4	—	—	—	—	—	—	—	
100,000 or more	2	—	—	—	—	—	—	—	
Hens and pullets of laying age	farms	1 486	12	133	45	—	88	20	46
Farms with—	636 826	255	5 726	4 174	—	1 552	(D)	1 026	
Pullets 3 months old or older not of laying age	farms	310	5	34	7	—	27	2	5
Farms with—	7 720	160	223	80	—	143	(D)	47	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

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

	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)
Milk cows	5	12	554	430	181	12	16
Farms with—	5	18	1 191	973	69 521	21	20
1 to 4	5	12	519	401	16	11	16
5 to 9	—	—	26	20	1	1	—
10 to 49	—	—	7	7	8	—	—
50 to 99	—	—	2	2	12	—	1
100 to 199	—	—	—	—	31	—	—
200 to 499	—	—	—	—	67	—	—
500 or more	—	—	—	—	46	—	—
Heifers and heifer calves	6	52	2 163	1 864	146	22	59
Farms with—	10	2 275	112 539	82 029	26 594	64	266
1 to 4	—	—	2 551	2 163	125	25	107
5 to 9	7	45	—	—	5 076	118	660
10 to 49	—	—	655 634	193 690	—	—	1 168
50 to 99	26	3 977	—	—	—	—	—
Cattle and calves sold	3	41	3 043	2 562	176	16	70
Farms with—	27	6 492	1 093 440	448 510	42 057	92	381
\$1,000	6	2 389	478 821	148 795	9 087	16	95
1 to 4	—	—	1 900	1 701	138	14	44
5 to 9	1	19	—	—	—	—	50
10 to 49	(D)	1 078	136 584	130 353	22 080	(D)	229
50 to 99	(D)	248	32 987	31 284	1 064	(D)	44
100 to 199	(D)	2 414	956 856	318 157	19 977	(D)	43
200 to 499	(D)	2 141	445 835	117 511	8 023	(D)	51
500 or more	(D)	—	8	409	85	8	16
Fattened on grain and concentrates	—	—	1 131	634 753	29 408	1 584	(D)
Farms with—	(D)	506	334 720	15 245	744	(D)	42
\$1,000	(D)	—	—	—	—	(D)	13
Hogs and pigs inventory	5	13	872	235	11	21	38
Farms with—	21	1 620	186 152	1 873	59	192	149
1 to 9	5	7	357	164	8	18	36
10 to 49	—	3	188	70	3	2	5
50 to 99	—	1	35	—	—	1	—
100 to 199	—	1	213	1	—	—	—
200 to 499	—	—	28	—	—	—	—
500 or more	—	—	51	—	—	—	—
Used or to be used for breeding	1	5	595	121	7	9	12
Farms with—	(D)	252	30 973	516	18	44	25
Other	5	11	815	224	5	19	31
Farms with—	(D)	1 368	155 179	1 357	41	148	124
Hogs and pigs sold	1	6	669	99	10	9	13
Farms with—	(D)	1 476	191 668	1 532	64	139	95
\$1,000	(D)	157	18 765	108	5	10	6
Feeder pigs sold	1	—	107	29	5	3	4
Farms with—	(D)	—	14 230	512	30	42	36
\$1,000	(D)	—	521	19	1	1	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	1	4	592	125	7	11	12
Farms with—	(D)	300	32 322	343	7	29	19
Dec. 1 and May 31	1	4	530	107	7	7	9
Farms with—	(D)	144	16 833	232	7	14	10
June 1 and Nov. 30	1	3	262	68	—	7	8
Farms with—	(D)	156	15 489	111	—	15	9
Sheep and lambs of all ages inventory	2	4	269	106	4	14	8
Farms with—	(D)	2 024	192 128	16 737	1 762	66	92
Ewes 1 year old or older	2	3	212	72	3	8	4
Farms with—	(D)	—	78 743	9 616	104	41	37
Sheep and lambs sold	2	3	227	68	3	5	10
Farms with—	(D)	2 012	138 606	7 000	1 680	13	78
Sheep and lambs shorn	2	1	194	67	3	4	5
Farms with—	(D)	131 792	11 762	197	32	44	7
pounds of wool	(D)	1 085 584	72 623	838	302	397	45
Horses and ponies inventory	7	35	2 018	1 598	39	24	488
Farms with—	34	238	12 713	10 998	176	92	101
Horses and ponies sold	1	7	356	271	2	4	502
Farms with—	(D)	14	987	817	(D)	8	2 331
\$1,000	(D)	7	411	353	(D)	3	131
Goats inventory	2	1	226	76	—	6	34
Farms with—	(D)	2 388	485	(D)	35	156	73
Goats sold	—	—	1 222	301	—	1	44
Farms with—	(D)	44	7	(D)	—	38	435
\$1,000	(D)	—	—	(D)	—	2	17

POULTRY

Chickens 3 months old or older inventory	farms	15	12	961	610	13	67	130	97
Farms with—	379	390	29 363	15 676	432	599	636	2 391	4 013
1 to 399	15	12	961	610	13	55	130	97	97
400 to 3,199	—	—	—	—	—	2	—	—	—
3,200 to 9,999	—	—	—	—	—	2	—	—	—
10,000 to 19,999	—	—	—	—	—	1	—	—	—
20,000 to 49,999	—	—	—	—	—	1	—	—	—
50,000 to 99,999	—	—	—	—	—	4	—	—	—
100,000 or more	—	—	—	—	—	2	—	—	—
Hens and pullets of laying age	farms	15	10	946	601	13	67	128	96
Farms with—	(D)	335	23 694	14 512	432	598	934	2 107	3 464
of laying age	number	1	3	199	84	—	19	28	14
Pullets 3 months old or older not	farms	(D)	55	5 669	1 164	—	702	284	549
of laying age	number	(D)	—	—	—	—	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**POULTRY—Con.**

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Chickens 3 months old or older sold	farms— number—	186 445 479	— (D)	1 (D)	— —	— —	2 (D)	— —
Broilers and other meat-type chickens sold	farms— number—	30 423 048	— (D)	— —	— —	— —	— —	— —
Farms with—								
1 to 1,999	farms— number—	28 —	— —	— —	— —	— —	— —	— —
2,000 to 59,999	farms— number—	1 —	— —	— —	— —	— —	— —	— —
60,000 to 99,999	farms— number—	— —	— —	— —	— —	— —	— —	— —
100,000 or more	farms— number—	1 —	— —	— —	— —	— —	— —	— —
Turkey hens kept for breeding	farms— number—	83 276	— (D)	3 4	3 4	— —	1 (D)	2 (D)
Turkeys sold	farms— number—	40 8 265	— (D)	1 —	— —	— —	1 (D)	— —
CROPS HARVESTED								
Corn for all purposes	farms— acres—	336 45 553	62 20 443	92 12 885	58 9 198	— —	34 3 687	15 771
For grain or seed	farms— acres—	188 30 198	60 20 170	28 3 969	23 3 344	— —	5 625	11 587
Irrigated	farms— acres—	2 721 308 1 902 161	1 902 161	292 975	277 098	— —	15 877 52 176	— —
Farms by acres harvested:								
1 to 24 acres	farms— acres—	89 33	— 16	10 6	6 6	— —	4 —	5 3
25 to 99 acres	farms— acres—	44 22	27 17	10 2	10 1	— —	— 1	— —
100 to 499 acres	farms— acres—	— —	— —	— —	— —	— —	— —	— —
500 acres or more	farms— acres—	— —	— —	— —	— —	— —	— —	— —
Sorghums for grain or seed	farms— acres— bushels—	177 20 601 1 536 100	42 7 671 698 577	80 7 388 428 153	70 6 837 388 912	— —	10 551 39 241	8 1 129 91 911
Irrigated	farms— acres—	177 20 601	42 7 671	80 7 388	70 6 837	— —	10 551	8 1 129
Farms by acres harvested:								
1 to 24 acres	farms— acres—	32 77	7 13	15 41	13 35	— —	2 6	2 3
25 to 99 acres	farms— acres—	61 7	18 4	23 1	21 1	— —	2 —	3 1
100 to 499 acres	farms— acres—	— —	— —	— —	— —	— —	— —	— —
500 acres or more	farms— acres—	— —	— —	— —	— —	— —	— —	— —
Wheat for grain	farms— acres— bushels—	489 101 878 7 387 023	41 5 918 342 706	274 61 802 4 435 531	231 55 713 3 993 233	— —	43 6 089 442 298	26 14 900 1 221 100
Irrigated	farms— acres—	489 101 843	41 5 918	274 61 802	231 55 713	— —	43 6 089	26 14 900
Farms by acres harvested:								
1 to 24 acres	farms— acres—	85 159	8 19	13 90	4 74	— —	9 16	2 6
25 to 99 acres	farms— acres—	204 41	11 3	147 24	131 22	— —	16 2	10 8
100 to 499 acres	farms— acres—	— —	— —	— —	— —	— —	— —	— —
500 acres or more	farms— acres—	— —	— —	— —	— —	— —	— —	— —
Barley for grain	farms— acres— bushels—	282 29 806 2 029 388	28 1 725 120 087	199 21 200 1 419 990	185 20 222 1 352 937	— —	14 976 67 053	5 805 69 600
Irrigated	farms— acres—	282 29 806	28 1 725	199 21 200	185 20 222	— —	14 978	5 805
Cotton	farms— acres— bales—	1 281 560 174 1 134 238	22 3 033 3 411	1 080 503 121 1 021 199	1 035 494 039 1 003 630	— —	45 9 082 17 569	43 19 324 40 753
Irrigated	farms— acres—	1 281 560 174	22 3 033	1 080 503 121	1 035 494 039	— —	45 9 082	43 19 324
Farms by acres harvested:								
1 to 24 acres	farms— acres—	67 230	2 171	54 162	46 162	— —	8 9	3 13
25 to 99 acres	farms— acres—	676 608	12 1	574 281	550 277	— —	24 4	14 13
100 to 499 acres	farms— acres—	— —	— —	— —	— —	— —	— —	— —
500 acres or more	farms— acres—	— —	— —	— —	— —	— —	— —	— —
Irish potatoes	farms— acres— hundredweight—	28 6 360 1 725 118	— 3 662 984 017	14 1 023 234 617	6 1 023	— —	8 2 639 749 400	3 1 064 253 936
Irrigated	farms— acres—	28 6 360	— 3 662	14 6	6 1 023	— —	8 2 639	3 1 064
Farms by acres harvested:								
0.1 to 0.9 acres	farms— acres—	— 2	— —	— —	— —	— —	— —	— —
1.0 to 4.9 acres	farms— acres—	— 1	— —	— —	— —	— —	— —	— —
5.0 to 24.9 acres	farms— acres—	— 6	— 3	— 2	— —	— —	— —	— —
25.0 to 99.9 acres	farms— acres—	— 19	— 11	— 4	— —	— —	— —	— —
Sugar beets for sugar	farms— acres— tons—	51 14 820 310 066	— 10 568 233 938	36 (D) (D)	35 (D) (D)	— —	1 (D) (D)	3 360 8 553
Irrigated	farms— acres—	51 14 820	— 10 568	36 (D)	35 (D)	— —	1 (D) (D)	3 360
Hay crops (see text)	farms— acres— tons, dry—	1 783 172 107 965 886	21 2 301 12 290	871 104 122 613 530	352 49 455 267 990	— —	519 54 667 345 540	31 6 541 47 822
Irrigated	farms— acres—	1 783 170 271	21 2 301	864 103 526	349 49 302	— —	515 54 224	31 6 539
Farms by acres harvested:								
1 to 24 acres	farms— acres—	792 548	4 10	279 313	47 145	— —	232 168	10 7
25 to 99 acres	farms— acres—	369 74	7 —	228 51	143 17	— —	85 34	9 5
100 to 499 acres	farms— acres—	— —	— —	— —	— —	— —	— —	— —
500 acres or more	farms— acres—	— —	— —	— —	— —	— —	— —	— —

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)	Dairy farms (024)	Poultry and egg farms (025)	Animal specialty farms (027)	General farms, primarily livestock (029)	
POULTRY—Con.									
Chickens 3 months old or older sold	farms number	3 95	86 5 569	63 5 012	— —	28 437 207	14 556	52 1 672	
Broilers and other meat-type chickens sold	farms number	1 (D)	18 32 511	11 141	1 (D)	3 390 300	4 171	3 (D)	
Farms with—									
1 to 1,999		1	17	11	1	2	4	3	
2,000 to 59,999		—	1	—	—	—	—	—	
60,000 to 99,999		—	—	—	—	—	—	—	
100,000 or more		—	—	—	—	1	—	—	
Turkey hens kept for breeding	farms number	— —	64 223	20 93	1 (D)	9 36	2 6	1 (D)	
Turkeys sold	farms number	— —	21 7 614	6 30	— —	4 500	6 16	7 122	
CROPS HARVESTED									
Corn for all purposes	farms acres	1 (D)	24 5 246	73 4 315	53 2 939	19 1 671	3 13	2 (D)	44 132
For grain or seed	farms acres	1 (D)	11 3 756	30 1 574	20 1 268	— —	2 (D)	2 (D)	43 129
Irrigated	farms acres	— (D)	— 3 756	— 1 569	— 1 263	— —	— (D)	— (D)	— 3 225
Farms by acres harvested:									
1 to 24 acres		1	24	16	—	2	2	43	
25 to 99 acres		—	4	3	—	—	—	—	
100 to 499 acres		—	3	1	—	—	—	—	
500 acres or more		—	2	1	1	—	—	—	
Sorghums for grain or seed	farms acres	— —	24 2 850	17 1 100	10 520	4 (D)	2 (D)	— (D)	— (D)
Irrigated	farms acres	— —	24 2 850	17 1 100	10 520	4 (D)	2 (D)	— (D)	— (D)
Farms by acres harvested:									
1 to 24 acres		—	6	5	—	2	—	—	—
25 to 99 acres		—	14	5	2	2	—	—	—
100 to 499 acres		—	9	6	3	2	—	—	—
500 acres or more		—	1	—	—	—	—	—	—
Wheat for grain	farms acres	3 915	47 13 177	42 4 100	21 1 420	5 390	— —	3 141	44 350
Irrigated	farms acres	80 766 915	997 827 13 177	247 894 4 065	84 096 1 385	27 784 390	— —	8 863 141	17 113 350
Farms by acres harvested:									
1 to 24 acres		—	2	12	6	2	—	1	43
25 to 99 acres		—	21	17	10	1	—	2	—
100 to 499 acres		—	21	11	5	2	—	—	1
500 acres or more		—	3	2	—	—	—	—	—
Barley for grain	farms acres	1 (D)	16 3 712	27 1 880	19 994	4 194	— —	1 (D)	— (D)
Irrigated	farms acres	— (D)	— 237 690	— 146 218	— 67 153	— 14 773	— —	— (D)	— (D)
Cotton	farms acres	2 (D)	70 19 788	48 10 284	27 4 824	5 1 183	— —	1 (D)	— (D)
Irrigated	farms acres	2 (D)	70 19 788	48 10 284	27 4 824	5 1 183	— —	1 (D)	— (D)
Farms by acres harvested:									
1 to 24 acres		—	1	5	5	—	—	—	—
25 to 99 acres		—	21	11	8	2	—	—	—
100 to 499 acres		—	41	29	13	2	—	1	—
500 acres or more		2	7	3	1	1	—	—	—
Irish potatoes	farms acres	1 (D)	6 1 283	2 (D)	2 (D)	— —	— —	— —	— —
Irrigated	farms acres	— (D)	— 397 380	— (D)	— (D)	— —	— —	— —	— —
Farms by acres harvested:									
0.1 to 0.9 acres		—	—	—	—	—	—	—	—
1.0 to 4.9 acres		—	2	2	—	—	—	—	—
5.0 to 24.9 acres		—	1	—	—	—	—	—	—
25.0 to 99.9 acres		—	1	—	—	—	—	—	—
100.0 acres or more		1	4	—	—	—	—	—	—
Sugar beets for sugar	farms acres	— —	12 3 892	— —	— —	— —	— —	— —	— —
Irrigated	farms acres	— —	67 575 3 892	— —	— —	— —	— —	— —	— —
Hay crops (see text)	farms acres	5 49	95 18 765	598 29 528	458 16 758	60 7 206	8 49	44 999	16 699
Irrigated	farms acres	5 49	95 18 764	588 28 295	449 15 549	60 7 206	6 45	44 999	16 699
Farms by acres harvested:									
1 to 24 acres		5	24	385	281	9	8	37	13
25 to 99 acres		—	27	148	134	29	—	5	1
100 to 499 acres		—	35	58	42	20	—	2	2
500 acres or more		—	9	7	1	2	—	—	—

See footnote at end of table.

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

(Excludes abnormal farms; see text)

All Farms**CROPS HARVESTED—Con.**

	Total farms	Cash grain farms (011)	Field crop farms except cash grain farms (013)			Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139)	Vegetable and melon farms (016)	Fruit and tree nut farms (017)
			Total	Cotton farms (0131)	Tobacco farms (0132)			
Alfalfa hay	1 557	17	811	326	—	485	29	33
farms	148 347	1 999	94 280	44 096	—	50 184	6 342	1 820
acres								
tons, dry	910 583	11 648	589 796	253 827	—	335 969	47 177	13 226
Irrigated	1 557	17	811	326	—	485	29	33
farms	148 347	1 999	94 280	44 096	—	50 184	6 342	1 820
acres								
All vegetables harvested for sale (see text)	432	8	59	48	—	11	192	7
farms	68 754	528	4 909	4 276	—	633	54 861	243
acres								
Irrigated	432	8	59	48	—	11	192	7
farms	68 754	528	4 909	4 276	—	633	54 861	243
Farms by acres harvested:								
0.1 to 4.9 acres	197	1	7	3	—	4	57	4
5.0 to 24.9 acres	71	1	12	8	—	4	43	2
25.0 to 99.9 acres	73	4	29	27	—	2	27	—
100.0 acres or more	91	2	11	10	—	1	65	1
Land in orchards	1 146	6	123	68	—	55	33	671
farms	77 102	146	5 882	5 118	—	765	2 389	65 211
acres								
Irrigated	1 146	6	123	68	—	55	33	671
farms	77 102	146	5 882	5 118	—	765	2 389	65 211
Farms by acres in orchards:								
0.1 to 4.9 acres	474	1	42	18	—	24	24	156
5.0 to 24.9 acres	382	2	44	22	—	22	4	296
25.0 to 99.9 acres	186	3	21	13	—	8	2	139
100.0 acres or more	104	—	16	15	—	1	3	80

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)
CROPS HARVESTED—Con.								
Alfalfa hay	forms... acres...	5 33	87 17 237	475 20 188	362 11 711	44 5 044	5 35	36 932
Irrigated	tons, dry... farms... acres...	146 5 33	104 824 87 17 237	101 880 475 20 188	45 159 362 11 711	34 998 44 5 044	99 5 35	4 040 36 932
All vegetables harvested for sale (see text)	forms... acres...	7 80	27 7 590	80 471	20 344	2 (D)	2 (D)	3 2
Irrigated	farms... acres...	7 80	27 7 590	80 471	20 344	2 (D)	2 (D)	3 2
Farms by acres harvested:								
0.1 to 4.9 acres	forms... acres...	4 2	4 4	68 7	12 3	2 -	2 -	3 -
5.0 to 24.9 acres	forms... acres...	1 ~	8 11	4 1	4 1	- -	- -	- -
25.0 to 99.9 acres	forms... acres...							
100.0 acres or more	forms... acres...							
Land in orchards	forms... acres...	27 706	15 790	207 1 650	131 808	13 105	9 23	37 194
Irrigated	farms... acres...	27 706	15 790	207 1 650	131 808	13 105	9 23	37 194
Farms by acres in orchards:								
0.1 to 4.9 acres	forms... acres...	19 4	10 -	175 18	110 14	9 2	7 2	26 10
5.0 to 24.9 acres	forms... acres...	3 1	3 2	12 2	6 1	2 -	- -	1 -
25.0 to 99.9 acres	forms... acres...							
100.0 acres or more	forms... acres...							

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

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

	Farms	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
Arizona	1978	7 660	38 657 700	5 047	53.3	4 982	17 115 674	3 436	1 002 923	199	1 058 730	308
	1974	5 803	37 944 191	6 539	52.3	4 321	16 965 315	3 926	723 169	111	637 925	162
Apache	1978	232	6 481 084	27 936	90.7	156	1 605 964	10 295	3 258 597	118	2 159 542	198
	1974	217	6 138 726	28 289	85.9	157	1 520 990	9 688	1 573 074	56	528 038	55
Cochise	1978	219	2 272 274	3 160	56.8	555	2 184 375	3 936	662 649	214	845 560	211
	1974	721	2 112 344	2 930	52.8	535	2 033 985	3 802	328 857	112	412 151	108
Coconino	1978	149	5 865 720	39 367	49.4	105	2 112 308	20 117	2 684 881	68	1 276 615	68
	1974	125	5 835 917	46 687	49.2	77	2 206 014	28 650	1 911 208	41	1 058 896	37
Gila	1978	132	1 166 761	8 839	38.4	91	1 08 221	1 189	2 066 776	234	266 015	233
	1974	113	1 134 355	10 039	37.3	73	79 816	1 093	1 336 292	133	244 493	224
Graham	1978	288	1 872 587	6 502	63.4	223	417 161	1 871	1 517 312	233	712 494	369
	1974	289	2 019 476	6 988	68.3	206	674 023	3 272	576 938	83	364 917	112
Greenlee	1978	124	160 965	1 298	13.4	91	147 695	1 623	283 809	223	352 410	218
	1974	140	207 125	1 479	17.2	65	182 823	2 813	137 579	93	231 600	82
Micropica	1978	2 028	1 413 279	697	24.1	1 434	1 333 631	930	819 911	1 183	1 076 645	1 162
	1974	1 842	1 538 427	835	26.3	1 359	1 468 644	1 081	597 542	715	755 993	700
Mohave	1978	193	2 425 947	12 570	28.7	128	1 869 259	14 604	1 163 122	91	1 432 210	97
	1974	155	2 457 832	15 857	29.1	93	1 881 640	20 233	721 245	45	910 667	45
Navajo	1978	269	7 355 940	27 346	116.0	159	1 241 634	7 809	3 005 121	111	1 509 168	196
	1974	216	7 219 108	33 422	113.8	130	1 099 804	8 460	2 005 296	60	504 469	60
Pima	1978	406	3 688 294	9 084	62.4	279	1 254 619	4 497	1 188 807	130	1 327 710	287
	1974	328	3 877 400	11 821	65.6	230	1 479 749	6 434	812 256	69	781 035	121
Pinal	1978	525	2 387 333	4 547	69.5	446	1 567 198	3 514	1 437 512	318	1 331 411	382
	1974	525	2 281 780	4 346	66.5	469	1 476 017	3 147	940 638	216	760 284	242
Santa Cruz	1978	130	407 326	3 133	51.1	100	401 922	4 019	1 207 914	400	1 529 075	390
	1974	113	286 263	2 533	35.9	79	275 788	3 491	417 372	165	541 671	155
Yavapai	1978	379	2 511 625	6 627	48.5	264	2 431 137	9 209	1 082 198	164	1 444 204	156
	1974	320	2 344 570	7 327	45.3	223	2 253 538	10 106	495 413	68	648 771	64
Yuma	1978	724	496 770	686	7.8	613	337 125	550	924 582	1 347	1 001 064	1 838
	1974	699	490 868	702	7.7	625	332 484	532	616 067	877	579 386	1 089
Farms not on mail list	1978	1 362	151 795	111	(X)	338	103 425	306	96 970	870	155 322	508

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

Table 2. Land Use: 1978

All Farms Part 1 of 2	Cropland											
	Total		Harvested		Used only for pasture		In cover crops		On which all crops failed			
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Arizona	5 500	1 574 996	3 975	1 113 890	2 080	143 667	112	3 933	229	12 526		
Apache	156	46 093	107	8 205	86	18 305	7	(D)	13	688		
Cochise	441	133 327	333	78 079	155	23 322	17	1 340	27	1 713		
Coconino	51	9 079	25	1 286	30	4 381	—	—	4	223		
Gila	64	7 091	23	835	49	5 687	—	—	1	(D)		
Graham	228	55 136	194	43 361	72	4 749	3	(D)	17	705		
Greenlee	86	8 084	66	4 663	38	1 188	2	(D)	9	925		
Micropica	1 603	509 001	1 295	432 225	442	12 583	11	481	32	1 385		
Mohave	105	18 935	78	9 868	54	6 129	2	(D)	2	(D)		
Navajo	187	22 136	125	6 569	107	8 698	6	75	7	289		
Pima	198	63 560	143	42 126	78	8 690	1	(D)	7	(D)		
Pinal	413	361 117	377	206 679	89	8 430	20	957	14	1 354		
Santa Cruz	50	7 732	24	1 975	34	5 373	—	—	1	(D)		
Yavapai	211	21 348	125	6 665	147	13 555	4	(D)	2	(D)		
Yuma	679	281 074	664	264 095	46	3 595	13	(D)	18	2 166		
Farms not on mail list	1 028	31 283	396	7 259	653	18 982	26	62	75	2 225		
All Farms Part 2 of 2	Cropland - Con.				Woodland				Other pastureland and rangeland		Land in house lots, ponds, roads, wasteland, etc.	
	In cultivated summer follow	Idle	Pastured		Not pastured							
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Arizona	272	98 495	1 162	202 485	154	4 058 283	99	159 927	2 338	31 773 743	4 067	1 090 751
Apache	4	(D)	30	18 584	19	(D)	1	(D)	157	4 988 144	78	50 150
Cochise	44	6 484	164	22 389	16	9 279	15	2 548	400	2 105 977	374	21 143
Coconino	—	—	8	3 189	16	(D)	9	(D)	89	5 074 360	86	308 531
Gila	1	(D)	10	(D)	13	333 404	—	—	64	818 710	68	7 556
Graham	13	(D)	63	5 315	9	18 441	7	1 230	98	1 766 078	158	31 702
Greenlee	4	(D)	24	1 093	2	(D)	1	(D)	61	149 097	67	3 554
Micropica	53	15 568	276	46 759	11	(D)	28	(D)	246	839 796	1 108	58 613
Mohave	3	(D)	14	1 899	5	(D)	3	(D)	108	2 307 694	94	94 433
Navajo	7	125	28	6 380	24	(D)	7	(D)	126	(D)	156	(D)
Pima	15	4 361	42	8 067	5	(D)	5	450	154	3 561 176	254	32 833
Pinal	109	68 748	179	74 949	1	(D)	6	(D)	139	1 979 349	302	46 537
Santa Cruz	—	—	5	353	5	1 486	—	—	87	(D)	64	(D)
Yavapai	2	(D)	27	891	14	(D)	3	(D)	211	2 460 439	190	14 205
Yuma	13	1 410	102	9 599	9	(D)	8	(D)	52	172 953	284	40 278
Farms not on mail list	4	8	190	2 747	5	135	6	20	346	115 003	784	5 354

Table 3. Irrigation: 1978

All Farms	Irrigated land according to use								Land in irrigated farms		
	Total		Harvested cropland		Pastureland		Other land		Acres	Acres of cropland	Acres of harvested cropland
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres			
Arizona	4 852	1 210 568	3 911	1 109 761	1 376	65 511	392	35 296	16 737 844	1 491 212	1 112 236
Apache	135	20 906	98	(D)	70	11 802	9	(D)	3 018 711	27 667	7 901
Cochise	381	89 360	333	77 524	93	8 258	46	3 578	583 374	118 380	78 079
Coconino	32	2 520	24	(D)	14	1 295	2	(D)	3 414 602	7 172	1 281
Gila	41	1 430	23	832	20	578	3	20	44 470	2 531	835
Graham	218	45 897	194	43 361	49	1 923	16	613	297 730	54 041	43 361
Greenlee	83	5 641	66	4 601	30	832	9	208	52 812	7 303	4 663
Maricopa	1 553	452 147	1 264	430 662	421	7 719	102	13 766	896 154	503 698	431 617
Mohave	93	12 262	76	9 758	40	(D)	2	(D)	653 829	15 235	9 788
Navajo	164	11 390	123	6 276	88	4 781	9	333	5 440 574	17 787	6 479
Pima	177	46 819	133	41 905	61	2 931	10	1 983	438 745	55 067	41 905
Pinal	406	221 578	377	206 549	63	5 877	47	9 152	761 051	360 128	206 679
Santa Cruz	33	3 968	23	(D)	14	2 103	2	(D)	59 772	3 794	1 975
Yavapai	194	13 743	120	6 311	118	(D)	7	(D)	638 322	15 883	6 331
Yuma	675	268 066	661	264 079	33	1 670	27	2 317	331 166	280 345	264 083
Farms not on mail list	667	14 841	396	7 259	262	6 682	101	900	106 532	22 181	7 259

Table 4. Farms by Tenure of Operator: 1978

All Farms	All farms					Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Percent of tenancy	Total	Full owners	Part owners	Tenants	Percent of tenancy
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
Arizona	7 660	4 907	1 706	1 047	13.7	4 982	2 841	1 464	677	13.6
Apache	232	126	92	14	6.0	156	72	76	8	5.1
Cochise	719	399	261	59	8.2	555	277	229	49	8.8
Coconino	149	110	28	11	7.4	105	70	25	10	9.5
Gila	132	96	27	9	6.8	91	65	21	5	5.5
Graham	288	177	84	27	9.4	223	117	81	25	11.2
Greenlee	124	87	26	11	8.9	91	63	19	9	9.9
Maricopa	2 028	1 330	397	301	14.8	1 434	822	347	265	18.5
Mohave	193	116	58	19	9.8	128	63	49	16	12.5
Navajo	269	184	70	15	5.6	159	96	53	10	6.3
Pima	406	266	88	52	12.8	279	163	75	41	14.7
Pinal	525	268	161	96	18.3	446	206	154	86	19.3
Santa Cruz	130	71	46	13	10.0	100	50	40	10	10.0
Yavapai	379	247	103	29	7.7	264	159	84	21	8.0
Yuma	724	461	146	117	16.2	613	362	144	107	17.5
Farms not on mail list	1 362	969	119	274	20.1	338	256	67	15	4.4

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	
Arizona	5 917	8 027 280	942	3 333 150	525	4 758 140	114	1 179 037	162	21 360 093
Apache	193	1 139 838	19	329 793	6	126 243	1	(D)	13	(D)
Cochise	591	1 281 167	86	446 829	28	487 529	9	35 792	5	20 957
Coconino	114	262 147	7	148 500	10	963 438	6	746 818	12	3 744 817
Gila	103	73 405	16	15 667	5	(D)	1	(D)	7	1 051 972
Graham	217	328 826	45	109 970	11	42 426	3	54 320	12	1 337 045
Greenlee	95	143 487	25	12 858	3	(D)	1	(D)	-	-
Maricopa	1 466	464 683	300	288 968	194	359 037	43	160 628	25	139 963
Mohave	142	919 169	26	167 524	17	(D)	1	(D)	7	608 761
Navajo	199	712 637	41	299 756	7	246 215	=	-	22	6 097 332
Pima	298	427 934	57	307 294	30	529 244	7	1 915	14	2 421 907
Pinal	309	606 380	112	389 017	72	528 078	16	44 704	16	819 154
Santa Cruz	103	280 868	12	41 249	10	(D)	2	(D)	3	5 851
Yavapai	290	1 117 499	41	706 086	40	(D)	2	(D)	6	(D)
Yuma	484	120 459	120	67 115	88	111 761	17	39 766	15	157 669
Farms not on mail list	1 313	148 781	35	2 524	4	40	5	50	5	400

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
	7 193	467	48.5	5 062	1 956	4 591	604	582	3 405	3 313	4 347
Arizona	216	16	52.1	116	85	165	25	18	122	74	158
Apache	690	29	50.2	521	147	382	66	74	242	372	347
Cochise	140	9	52.6	86	37	101	23	19	59	57	92
Coconino	129	3	52.4	90	27	74	11	12	51	52	80
Gila	281	7	50.5	185	73	122	25	19	78	176	112
Graham	116	8	52.5	75	35	76	10	14	52	55	69
Greenlee	1 885	143	47.9	1 229	613	1 123	152	161	810	1 000	1 028
Maricopa	181	12	53.1	118	51	106	13	21	72	86	107
Mohave	256	13	50.0	178	58	191	24	28	139	74	195
Navajo	373	33	47.5	283	93	257	41	32	184	164	242
Pima	488	37	49.3	260	217	237	48	38	151	346	179
Pinal	107	23	57.7	88	29	66	17	14	35	60	70
Santa Cruz	344	35	53.3	254	89	198	44	44	110	174	205
Yavapai	699	25	50.9	311	337	377	63	46	268	409	315
Farms not on mail list	1 288	74	41.6	1 268	65	1 116	42	42	1 032	214	1 148

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

All Farms	Farms with sales of \$20,000 or more				Farms with sales of less than \$20,000				Abnormal farms (see text)	
	Farms	Occupation			Total	Occupation				
		Total	Farming	Other than farming		Farming	Other than farming			
Arizona	7 660	2 784	2 183	601	4 784	1 096	3 688	92		
Apache	232	65	40	25	155	31	124	12		
Cochise	719	289	229	60	428	143	285	2		
Coconino	149	44	33	11	98	24	74	7		
Gila	132	42	29	13	84	23	61	6		
Graham	288	154	125	29	124	46	78	10		
Greenlee	124	40	30	10	84	25	59	—		
Maricopa	2 028	918	750	168	1 099	241	858	11		
Mohave	193	49	42	7	139	41	98	5		
Navajo	269	52	36	16	207	37	170	10		
Pima	406	126	101	25	268	59	209	12		
Pinal	525	368	309	59	149	33	116	8		
Santa Cruz	130	44	29	15	85	31	54	1		
Yavapai	379	131	81	50	244	92	152	4		
Yuma	724	411	324	87	309	81	228	4		
Farms not on mail list	1 362	51	25	26	1 311	189	1 122	—		

Table 8. Farms by Standard Industrial Classification: 1978

All Farms Part 1 of 2	Field crop except cash grain (013)						Vegetable and melon (016)	Fruit and tree nut (017)		
	Farms	Cash grain (011)	Total (013)	Cotton (0131)	Tobacco (0132)	Sugar crop, Irish potato, hay, peanut, and other field crop (0133, 0134, 0139)				
Arizona	7 660	143	1 601	1 041	—	560	192	673		
Apache	232	2	8	—	—	8	2	2		
Cochise	719	48	105	80	—	25	35	21		
Coconino	149	—	1	—	—	1	4	1		
Gila	132	—	1	1	—	—	1	6		
Graham	288	22	89	79	—	10	7	8		
Greenlee	124	6	24	7	—	17	2	—		
Maricopa	2 028	24	609	405	—	204	61	257		
Mohave	193	4	13	1	—	12	1	14		
Navajo	269	1	24	—	—	24	6	5		
Pima	406	2	60	51	—	9	7	15		
Pinal	525	9	284	263	—	21	10	20		
Santa Cruz	130	1	3	—	—	3	1	1		
Yavapai	379	2	19	—	—	19	7	10		
Yuma	724	18	296	144	—	152	23	257		
Farms not on mail list	1 362	4	65	10	—	55	25	56		

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

All Farms
Part 2 of 2

	Horticultural specialty (018)		Livestock except dairy, poultry, and animal specialty (021)						General, primarily livestock (029)
	General, primarily crop (019)	Total	Beef cattle, except feedlots (0212)	Dairy (024)	Poultry and egg (025)	Animal specialty (027)			
Arizona	154	130	3 679	2 678	186	75	668	159	
Apache	—	4	200	179	—	3	6	5	
Cochise	11	19	444	396	1	3	27	5	
Coconino	—	1	131	102	—	—	7	4	
Gila	2	1	113	107	—	3	5	—	
Graham	1	10	130	105	3	3	11	4	
Greenlee	—	7	77	74	2	2	2	2	
Marirocopa	88	31	503	317	143	18	274	20	
Mohave	1	3	142	127	2	2	8	3	
Navajo	2	2	194	150	8	4	16	7	
Pima	26	1	189	149	3	10	85	8	
Pinal	5	9	152	111	3	4	23	6	
Santa Cruz	—	1	103	99	—	—	18	2	
Yavapai	8	6	279	254	4	6	29	9	
Yuma	6	30	62	33	2	3	26	1	
Farms not on mail list	4	5	960	475	15	14	131	83	

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)
Arizona	7 568	4 982	1 518	681	585	628	690	880	2 586	312	654	1 620
Apache	220	156	15	25	25	29	29	33	64	7	17	40
Cochise	717	555	106	101	82	93	94	79	162	26	43	93
Coconino	142	105	19	10	15	5	29	27	37	5	4	28
Gila	126	91	10	15	17	11	18	20	35	1	9	25
Graham	278	223	79	38	37	26	21	22	55	8	12	35
Greenlee	124	91	7	20	13	21	16	14	33	6	7	20
Marirocopa	2 017	1 434	592	183	143	110	168	238	583	79	111	393
Mohave	188	128	22	17	10	15	32	32	60	9	7	44
Navajo	259	159	20	11	21	29	35	43	100	16	14	70
Pima	394	279	74	30	22	40	48	65	115	24	22	69
Pinal	517	446	271	68	29	23	27	28	71	13	14	44
Santa Cruz	129	100	11	18	15	22	18	16	29	5	7	17
Yavapai	375	264	41	43	47	53	34	46	111	22	24	65
Yuma	720	613	245	88	78	94	55	53	107	11	23	73
Farms not on mail list	1 362	338	6	14	31	57	66	164	1 024	80	340	604

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)
Arizona	1 317 770	172 033	3 126	659 552	5 024	650 669	429	7 549
Apache	10 100	43 533	38	414	213	(D)	5	(D)
Cochise	47 097	65 504	257	23 506	530	23 583	27	(D)
Coconino	16 627	111 594	11	47	139	16 577	10	3
Gila	4 089	30 974	11	182	123	(D)	4	(D)
Graham	32 384	112 445	160	14 855	181	17 527	9	2
Greenlee	3 761	30 332	45	1 066	94	2 692	7	3
Marirocopa	539 435	265 993	1 086	299 048	1 104	235 340	96	5 046
Mohave	11 260	58 343	34	2 407	154	8 850	10	2
Navajo	16 596	61 693	68	1 792	232	14 794	20	9
Pima	50 134	123 483	120	27 891	299	(D)	29	(D)
Pinal	287 601	547 812	346	106 282	251	(D)	24	(D)
Santa Cruz	4 306	33 121	11	256	123	(D)	1	(D)
Yavapai	19 526	51 520	73	1 028	334	(D)	22	(D)
Yuma	268 542	370 915	626	178 652	132	(D)	14	(D)
Farms not on mail list	6 312	4 634	240	2 125	1 115	4 156	151	31

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)
Arizona	1 284 763	257 881	2 618	649 319	3 114	627 980	212	7 465
Apache	5 662	36 296	28	255	151	(D)	3	(D)
Cochise	46 905	84 513	229	23 477	413	23 423	12	(D)
Coconino	14 666	139 675	8	43	103	14 620	5	3
Gila	3 173	34 863	4	176	90	(D)	1	(D)
Graham	30 767	137 968	139	14 640	146	(D)	4	(D)
Greenlee	3 717	40 842	33	1 049	75	(D)	3	(D)
Maricopa	537 211	374 624	926	298 053	724	234 122	50	5 036
Mohave	10 618	82 952	20	2 227	114	(D)	1	(D)
Navajo	10 800	67 925	45	312	146	(D)	5	(D)
Pima	44 570	159 749	107	27 770	197	(D)	15	(D)
Pinal	281 606	631 404	328	101 216	197	(D)	13	(D)
Santa Cruz	4 262	42 624	11	256	97	4 006	-	-
Yavapai	18 877	71 506	50	849	248	(D)	9	(D)
Yuma	266 711	435 091	561	176 961	108	(D)	7	(D)
Farms not on mail list	5 219	15 440	129	2 035	305	3 174	84	10

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)
Arizona	3 288	260 854	5 025	218 830	2 127	384 537	54 606	4 047	6 804	2 971	12 149
Apache	105	1 924	190	1 116	59	1 463	229	148	142	83	75
Cochise	250	5 556	527	2 926	142	5 301	756	455	221	285	818
Coconino	66	3 171	134	2 190	32	5 205	588	107	106	11	11
Gila	75	759	122	358	21	339	53	99	41	12	8
Graham	139	6 750	165	5 891	63	8 297	1 287	159	208	177	566
Greenlee	56	446	87	529	20	1 490	118	59	30	54	61
Maricopa	775	87 381	1 061	81 637	452	234 056	34 734	871	2 412	943	4 881
Mohave	85	3 131	160	1 366	37	4 366	503	118	72	35	112
Navajo	161	2 206	229	4 558	66	3 426	457	194	154	87	63
Pima	162	4 146	285	6 913	106	30 284	3 371	232	232	141	667
Pinal	139	96 691	223	73 984	59	56 310	7 201	200	1 888	330	1 950
Santa Cruz	40	1 046	118	607	41	551	94	117	53	10	10
Yavapai	170	5 231	323	1 810	92	3 672	601	250	113	73	59
Yuma	69	40 307	146	32 197	66	22 267	3 429	97	962	323	2 692
Farms not on mail list	996	2 110	1 255	2 750	871	7 509	1 187	941	169	407	177

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)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	
Arizona	3 344	45 195	3 075	46 356	3 552	129 977	1 344	29 170	2 508	34 787	7 596	74 475
Apache	86	47	44	37	134	1 276	15	40	73	49	231	566
Cochise	276	2 670	270	1 320	347	4 675	92	667	208	1 415	714	5 148
Coconino	14	2	17	2	68	1 049	7	59	13	41	148	499
Gila	16	18	19	26	62	640	10	38	12	34	132	311
Graham	159	1 148	124	595	184	3 199	34	193	120	589	288	2 771
Greenlee	42	88	37	41	71	330	11	62	25	44	124	390
Maricopa	1 111	19 431	1 177	22 639	984	54 114	492	9 595	907	14 051	1 989	29 059
Mohave	44	269	47	69	79	1 284	12	66	32	243	192	818
Navajo	75	68	49	7	114	1 329	7	41	79	42	271	884
Pima	134	1 504	142	1 259	198	5 003	59	385	94	799	404	3 245
Pinal	346	7 897	346	9 637	351	18 943	173	4 511	256	4 791	523	17 735
Santa Cruz	8	17	18	36	81	568	10	30	17	36	128	328
Yavapai	98	132	63	32	199	1 576	32	85	37	92	375	957
Yuma	594	11 681	581	10 554	443	35 531	289	13 286	432	12 474	715	10 600
Farms not on mail list	341	223	141	100	237	459	101	115	203	89	1 362	1 164

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

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

**All Farms
Part 1 of 3**

	Total		Gasoline					Diesel fuel				
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity	
						Farms	Size (1,000 gallons)				Farms	Size (1,000 gallons)
Arizona	7 596	74 475	7 224	13 941	23 454	2 668	3 116	2 823	12 380	27 450	1 874	4 640
Apache	231	566	223	365	563	66	58	36	48	101	14	13
Cochise	714	5 148	662	820	1 362	278	211	283	630	1 357	188	317
Coconino	148	499	144	304	487	44	45	34	56	114	16	23
Gila	132	311	124	150	239	64	32	46	34	73	34	27
Graham	288	2 771	271	524	886	142	109	155	667	1 500	119	143
Greenlee	124	390	123	123	191	42	26	48	70	159	28	30
Micropo	1 989	29 059	1 893	4 464	7 613	729	1 066	888	4 550	9 974	596	1 598
Mohave	192	818	190	321	502	79	59	53	137	304	22	79
Navajo	271	884	254	492	803	103	91	129	93	222	60	56
Pima	404	3 245	358	565	963	139	206	139	482	1 068	101	295
Pinal	523	17 735	516	1 911	3 242	338	447	338	2 448	5 556	284	989
Santa Cruz	128	328	123	136	223	48	35	30	45	92	21	21
Yavapai	375	957	346	430	719	116	92	99	99	220	49	61
Yuma	715	10 600	680	2 979	5 042	316	575	357	2 869	6 410	239	892
Farms not on mail list	1 362	1 164	1 317	357	618	164	64	188	152	300	103	98

**All Farms
Part 2 of 3**

	LP gas, butane, and propane					Fuel oil				
	Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity		Farms	Expenses (\$1,000)	Purchased (1,000 gallons)	Storage capacity	
				Farms	Size (1,000 gallons)				Farms	Size (1,000 gallons)
Arizona	1 813	2 698	6 237	1 071	1 138	242	347	802	69	57
Apache	61	33	65	26	13	10	2	3	7	1
Cochise	237	220	541	129	100	9	3	6	2	(D)
Coconino	34	49	110	14	26	3	(D)	2	-	-
Gila	58	32	69	25	11	3	1	1	-	-
Graham	127	138	338	87	85	17	(D)	9	9	(Z)
Greenlee	29	12	28	15	8	4	1	1	-	-
Micropo	444	769	1 745	281	261	58	119	276	16	5
Mohave	36	48	107	26	25	6	1	3	2	(D)
Navajo	30	44	105	11	24	17	31	77	1	(D)
Pima	85	91	201	57	51	6	13	31	4	2
Pinal	242	506	1 179	181	189	52	(D)	213	19	20
Santa Cruz	42	49	107	25	27	3	(D)	5	2	(D)
Yavapai	101	77	183	50	61	13	(D)	10	3	1
Yuma	191	570	1 327	99	234	36	74	164	4	5
Farms not on mail list	96	59	132	45	22	5	(Z)	(Z)	-	-

**All Farms
Part 3 of 3**

	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)
Arizona	555	8 702	7 568	2 878	4 448	33 369	261	160
Apache	15	25	231	37	75	52	21	6
Cochise	134	2 116	708	217	464	1 121	8	20
Coconino	2	(D)	148	29	50	54	18	5
Gila	4	2	132	16	55	70	21	7
Graham	74	(D)	288	132	196	688	1	(D)
Greenlee	28	92	124	18	71	73	7	1
Micropo	90	2 990	1 983	996	1 241	15 164	22	7
Mohave	4	12	192	44	93	252	13	3
Navajo	8	5	271	36	140	171	49	13
Pima	54	712	392	110	253	1 270	8	2
Pinal	92	1 347	523	538	388	10 850	2	(D)
Santa Cruz	5	(D)	128	16	67	75	8	4
Yavapai	16	(D)	375	45	180	258	40	30
Yuma	29	767	715	565	351	2 775	-	-
Farms not on mail list	-	-	1 358	79	824	496	43	22

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

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

All Farms

	Farms	Expenses (\$1,000)	Reporting only workers working less than 150 days			Reporting only workers working 150 days or more			Reporting both—workers working less than 150 days or 150 days or more			
			Farms	Workers	Expenses (\$1,000)	Farms	Workers	Expenses (\$1,000)	Farms	less than 150 days	150 days or more	Expenses (\$1,000)
Arizona	3 552	129 977	1 409	4 400	2 144	691	2 654	18 713	1 452	38 419	16 110	109 119
Apache	134	1 276	84	191	96	34	51	260	16	217	86	920
Cochise	347	4 675	160	405	374	93	195	904	94	1 436	367	3 396
Cocanino	68	1 049	26	75	12	17	45	326	25	192	87	711
Gila	62	640	26	90	26	9	22	154	27	180	45	460
Graham	184	3 199	70	185	140	24	56	376	90	1 348	333	2 683
Greenlee	71	330	45	291	34	7	9	46	19	113	35	251
Maricopa	984	54 114	256	973	305	235	1 036	6 990	493	17 977	8 432	46 819
Mohave	79	1 284	31	79	31	20	47	144	28	246	136	1 109
Navajo	114	1 329	76	178	55	19	36	169	19	172	192	1 105
Pima	198	5 003	79	232	99	33	185	1 425	86	742	391	3 478
Pinal	351	18 943	76	264	178	60	411	3 582	215	3 925	1 605	15 183
Santa Cruz	81	568	35	84	28	22	43	242	24	67	47	298
Yavapai	199	1 576	88	192	105	36	114	382	75	345	196	1 089
Yuma	443	35 531	144	669	444	72	394	3 697	227	11 435	4 136	31 390
Farms not on mail list	237	459	213	492	216	10	10	17	14	24	22	226

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

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

All Farms

	Farms	Estimated value (\$1,000)	Farms by estimated value of machinery and equipment									
			\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$69,999	\$70,000 to \$99,999	\$100,000 to \$199,999	\$200,000 or more	
Arizona	7 608	356 087	1 518	2 227	1 106	679	528	317	248	521	464	
Apache	231	5 376	32	98	54	19	14	2	2	4	6	
Cochise	720	26 381	114	218	102	57	114	33	21	29	32	
Cocanino	148	4 186	25	52	35	13	12	1	3	2	5	
Gila	132	1 866	14	52	30	11	23	1	—	1	—	
Graham	288	17 529	27	47	50	27	23	20	24	43	27	
Greenlee	123	2 681	13	32	32	25	14	1	—	5	1	
Maricopa	2 005	127 287	303	559	249	232	122	89	94	193	164	
Mohave	192	4 356	39	60	38	32	9	5	—	2	7	
Navajo	271	6 682	53	111	40	24	12	7	11	8	5	
Pima	399	15 716	76	90	61	68	26	24	11	28	15	
Pinal	521	61 204	41	86	63	27	29	44	42	97	92	
Santa Cruz	133	1 813	26	48	27	15	9	8	—	—	—	
Yavapai	375	7 629	88	112	70	32	23	23	15	10	2	
Yuma	712	62 515	57	165	104	66	72	26	25	90	107	
Farms not on mail list	1 358	10 865	610	497	151	31	26	33	—	9	1	

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

All Farms
Part 1 of 10

	Cattle and calves	Inventory								Heifers and heifer calves	Steers, steer calves, bulls, and bull calves	
		Cows and heifers that had calved				Milk cows						
		Total	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Arizona	4 064	1 265 896	3 210	390 632	2 732	318 678	938	71 954	2 822	178 561	3 325	696 703
Apache	207	57 750	181	32 142	177	32 053	40	89	163	13 758	175	11 850
Cochise	490	87 342	434	42 815	408	42 523	90	292	392	14 605	423	29 922
Cocanino	120	47 645	101	22 594	100	22 543	10	51	97	8 750	104	16 321
Gila	115	33 762	101	18 285	96	18 254	20	31	98	7 468	104	8 009
Graham	165	43 748	138	19 552	115	19 159	34	393	129	11 228	143	12 968
Greenlee	86	13 920	75	8 394	71	7 991	28	403	67	2 424	76	3 102
Maricopa	797	272 345	511	83 435	317	22 840	256	60 595	515	45 859	652	143 051
Mohave	141	42 181	121	21 539	113	(D)	26	(D)	119	7 097	124	13 545
Navajo	219	50 287	185	26 549	155	26 226	68	323	179	14 403	191	9 335
Pima	201	61 523	154	33 661	142	(D)	27	(D)	163	11 007	187	16 855
Pinal	196	307 023	130	21 105	118	19 518	25	1 587	145	18 209	186	267 709
Santa Cruz	108	26 663	103	13 252	100	13 210	20	42	88	3 143	99	4 268
Yavapai	304	64 231	267	35 349	247	34 635	63	714	240	13 155	276	15 727
Yuma	83	147 142	59	3 682	45	3 425	19	257	51	4 273	67	139 187
Farms not on mail list	832	16 314	650	8 278	528	5 829	212	2 449	376	3 182	518	4 854

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

All Farms
Part 2 of 10

Sales												
Cattle and calves			Calves			Cattle						
Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	Total			Fattened on grain and concentrates			
						Farms	Number	Sales (\$1,000)	Farms	Number	Sales (\$1,000)	
Arizona	3 806	1 203 595	509 810	2 391	178 473	37 970	2 907	1 025 122	471 841	486	640 627	337 189
Apache	203	24 693	6 558	147	11 242	2 358	165	13 451	4 200	13	(D)	(D)
Cochise	482	65 462	21 887	336	21 426	5 328	385	44 036	16 559	37	3 808	2 501
Coconino	125	41 823	14 636	91	6 289	1 412	91	35 534	13 224	7	51	18
Gila	114	14 244	3 864	59	4 033	950	98	10 211	2 914	7	40	19
Graham	156	34 665	12 462	89	6 444	1 281	108	28 221	11 181	7	(D)	(D)
Greenlee	85	7 538	2 023	67	4 001	881	66	3 537	1 142	4	12	5
Micropo	735	332 712	138 387	411	60 664	11 061	582	272 048	127 326	150	189 083	97 306
Mohave	135	23 779	7 290	101	5 843	1 358	107	17 936	5 932	10	142	56
Navajo	196	25 023	7 052	133	11 355	2 612	154	13 668	4 440	16	45	17
Pima	191	33 531	13 214	125	10 055	2 105	156	23 476	11 109	24	3 892	1 758
Pinal	191	360 473	175 299	96	11 522	2 731	161	348 951	172 567	25	295 451	156 399
Santa Cruz	108	13 302	3 889	77	5 934	1 490	84	7 368	2 398	3	(D)	(D)
Yavapai	296	52 315	16 317	197	14 448	3 287	256	37 867	13 030	37	753	282
Yuma	80	166 159	84 655	35	1 976	561	73	164 183	84 093	22	129 987	70 746
Farms not on mail list	709	7 876	2 278	427	3 241	552	421	4 635	1 725	124	635	410

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
Arizona	4 064	1 265 896	624	521	671	669	380	334	417	448	1 025 467
Apache	207	57 750	17	19	30	41	29	21	24	26	42 957
Cochise	490	87 342	40	39	78	87	78	71	54	43	50 883
Coconino	120	47 665	7	5	14	27	14	21	10	22	39 529
Gila	115	33 762	11	10	11	21	9	13	19	21	23 755
Graham	165	43 748	16	15	26	22	23	19	23	21	31 217
Greenlee	86	13 920	7	7	11	14	11	13	16	7	(D)
Micropo	797	272 345	152	114	136	111	30	45	90	119	228 612
Mohave	141	42 181	9	8	11	25	25	18	14	31	32 498
Navajo	219	50 287	24	30	40	49	19	22	17	18	38 131
Pima	201	61 523	24	30	23	36	19	14	20	35	50 415
Pinal	196	307 023	22	15	28	28	16	15	34	38	290 718
Santa Cruz	108	20 663	5	8	6	24	21	12	19	13	10 621
Yavapai	304	64 231	33	20	45	48	26	39	55	38	37 706
Yuma	83	147 142	15	10	9	10	6	6	12	15	141 363
Farms not on mail list	832	16 314	242	191	203	126	54	5	10	1	(D)

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
Arizona	3 210	390 632	837	448	354	435	282	283	376	195	192 961
Apache	181	32 142	21	17	25	33	33	14	22	16	19 658
Cochise	434	42 815	71	51	57	82	56	59	40	18	14 760
Coconino	101	22 594	7	7	17	21	13	11	13	12	15 542
Gila	101	18 285	11	11	9	19	11	8	21	11	8 871
Graham	138	19 552	29	16	12	19	16	14	21	11	9 873
Greenlee	75	8 394	7	15	6	7	14	10	15	1	(D)
Micropo	511	83 435	165	62	45	33	30	41	82	53	46 976
Mohave	121	21 539	15	6	12	22	19	10	24	13	10 673
Navajo	185	26 549	55	23	20	35	15	16	8	13	19 300
Pima	154	33 661	32	15	12	26	17	12	25	15	21 340
Pinal	130	21 105	22	12	14	15	11	17	29	10	8 372
Santa Cruz	103	13 252	12	9	12	23	10	16	15	6	4 689
Yavapai	267	35 349	54	22	26	31	33	36	51	14	10 904
Yuma	59	3 682	22	7	5	6	4	9	5	1	(D)
Farms not on mail list	650	8 278	314	175	82	63	—	10	5	1	(D)

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

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	
Arizona	2 732	318 678	576	420	326	435	267	253	306	149	150 214
Apache	177	32 053	17	18	24	34	32	14	22	16	19 648
Cochise	408	42 523	51	49	54	82	56	58	40	18	14 752
Coconino	100	22 543	8	8	15	20	14	10	13	12	15 539
Gila	96	18 254	7	10	9	19	11	8	21	11	8 873
Graham	115	19 159	12	12	12	18	16	14	20	11	9 873
Greenlee	71	7 991	8	10	6	9	12	11	14	1	(D)
Micropo	317	22 840	120	51	38	36	18	20	23	11	9 583
Mohave	113	20 884	10	5	12	22	19	10	22	13	10 672
Navajo	155	26 226	30	21	20	33	15	15	8	13	19 293
Pima	142	29 588	23	15	12	26	16	13	24	13	17 541
Pinal	118	19 518	14	12	13	15	11	16	28	9	7 422
Santa Cruz	100	13 210	10	8	13	22	10	16	15	6	4 676
Yavapai	247	34 635	38	20	26	30	33	36	51	13	10 345
Yuma	45	3 425	12	5	5	4	7	5	1	(D)	
Farms not on mail list	528	5 829	216	176	67	63	—	5	—	1	(D)

All Farms
Part 6 of 10

Milk cows—inventory per farm											
Total		Farms with—						500 or more			
Farms	Number	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number	Farms	Sales (\$1,000)
Arizona	938	71 954	759	10	5	16	34	68	46	42 530	239 93 518
Apache	40	89	40	—	—	—	—	—	—	4	1
Cochise	90	292	89	—	—	1	—	—	—	8	(D)
Coconino	10	51	8	1	1	—	—	—	—	—	—
Gila	20	31	20	—	—	—	—	—	—	1	(D)
Graham	34	393	32	—	1	—	—	1	—	7	(D)
Greenlee	28	403	27	—	—	—	—	—	—	3	(D)
Micropo	256	60 595	113	5	2	13	23	58	42	37 243	154 81 693
Mohave	26	(D)	24	—	—	—	2	—	—	3	(D)
Navajo	68	323	64	1	1	1	1	—	—	14	219
Pima	27	(D)	21	2	—	1	1	—	2	(D)	8
Pinal	25	1 587	22	—	—	—	1	1	1	4	1 992
Santa Cruz	20	42	20	—	—	—	—	—	—	—	—
Yavapai	63	714	60	1	—	1	—	—	1	(D)	10
Yuma	19	257	17	—	—	—	2	—	—	2	(D)
Farms not on mail list	212	2 449	202	—	—	—	5	5	—	21	534

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	
Arizona	3 806	1 203 595	509 810	1 400	546	596	352	307	361	244	993 261
Apache	203	24 693	6 558	54	31	33	28	16	25	16	11 755
Cochise	482	65 462	21 887	114	78	96	57	56	53	28	33 276
Coconino	125	41 823	14 636	33	21	21	12	10	10	18	35 302
Gila	114	14 244	3 864	26	17	19	12	12	23	5	3 959
Graham	156	34 665	12 462	36	20	28	24	18	20	10	23 535
Greenlee	85	7 538	2 023	21	7	15	20	10	10	2	(D)
Micropo	735	332 712	138 387	291	92	104	51	55	77	65	292 254
Mohave	135	23 779	7 290	23	24	33	15	8	22	10	13 266
Navajo	196	25 023	7 052	75	30	31	20	13	15	12	14 619
Pima	191	33 531	13 214	61	25	36	16	15	19	19	22 016
Pinal	191	360 473	175 299	42	31	25	16	25	29	23	346 295
Santa Cruz	108	13 302	3 889	21	17	25	14	11	14	6	4 952
Yavapai	296	52 315	16 317	77	31	45	44	45	39	15	27 889
Yuma	80	166 159	84 655	22	12	6	13	8	5	14	162 143
Farms not on mail list	709	7 876	2 278	504	110	79	10	5	—	1	(D)

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

All Farms
Part 8 of 10

Arizona

Apache	11 242	2 358
Cochise	21 426	5 328
Coconino	91	6 289
Gila	59	4 033
Graham	89	6 444
Greenlee	67	4 001
Marirocopa	411	60 664
Mohave	101	5 843
Navajo	133	11 355
Pima	125	10 055
Pinal	96	11 522
Santa Cruz	77	5 934
Yavapai	197	14 448
Yuma	35	1 976
Farms not on mail list	427	3 241

Calves—sales per farm										
Total			Farms with—						500 or more	
Farms	Number	Sales (\$1,000)	1 to 9	10 to 19	20 to 49	50 to 99	100 to 199	200 to 499	Farms	Number
2 391	178 473	37 970	1 021	337	382	229	203	182	37	63 284
Apache	11 242	2 358	46	24	23	22	17	13	2	(D)
Cochise	21 426	5 328	100	67	57	43	40	27	2	(D)
Coconino	91	6 289	1 412	32	18	4	8	10	2	(D)
Gila	59	4 033	950	20	9	4	9	5	1	(D)
Graham	89	6 444	1 281	24	13	17	11	12	—	—
Greenlee	67	4 001	881	22	4	18	9	4	1	(D)
Marirocopa	411	60 664	11 061	162	63	66	34	35	13	39 762
Mohave	101	5 843	1 358	28	23	20	12	9	9	(D)
Navajo	133	11 355	2 612	50	18	28	13	10	5	6 202
Pima	125	10 055	2 105	49	17	23	13	7	2	(D)
Pinal	96	11 522	2 731	34	14	12	8	12	3	4 862
Santa Cruz	77	5 934	1 490	21	10	17	11	8	1	(D)
Yavapai	197	14 448	3 287	68	22	33	30	22	1	(D)
Yuma	35	1 976	561	14	5	4	5	5	—	—
Farms not on mail list	427	3 241	552	351	30	36	10	—	—	—

All Farms
Part 9 of 10

Arizona

Apache	13 451	4 200
Cochise	44 036	16 559
Coconino	91	35 534
Gila	98	10 211
Graham	108	28 221
Greenlee	66	3 537
Marirocopa	582	272 048
Mohave	107	17 936
Navajo	154	13 668
Pima	156	23 476
Pinal	161	348 951
Santa Cruz	84	7 368
Yavapai	256	37 867
Yuma	73	164 183
Farms not on mail list	421	435

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
2 907	1 025 122	471 841	1 241	427	440	225	191	197	186	901 229
Apache	165	13 451	4 200	72	16	31	9	16	8	5 022
Cochise	385	44 036	16 559	132	69	76	39	24	22	27 562
Coconino	91	35 534	13 224	35	14	8	6	8	15	31 941
Gila	98	10 211	2 914	31	16	10	15	7	4	3 177
Graham	108	28 221	11 181	28	11	26	16	11	8	22 135
Greenlee	66	3 537	1 142	23	9	20	5	5	1	(D)
Marirocopa	582	272 048	127 326	274	54	67	41	50	45	243 710
Mohave	107	17 936	5 932	36	12	21	5	13	7	11 220
Navajo	154	13 668	4 440	70	27	16	16	7	6	6 594
Pima	156	23 476	11 109	67	21	29	6	5	10	17 888
Pinal	161	348 951	172 567	49	21	22	18	17	12	341 133
Santa Cruz	84	7 368	2 398	29	14	18	9	4	3	(D)
Yavapai	256	37 867	13 030	94	40	44	24	23	12	24 362
Yuma	73	164 183	84 093	26	6	9	12	3	14	161 743
Farms not on mail list	421	435	1 725	275	97	43	—	5	1	(D)

All Farms
Part 10 of 10

Arizona

Apache	(D)	(D)
Cochise	3 808	2 501
Coconino	7	51
Gila	7	40
Graham	7	(D)
Greenlee	4	12
Marirocopa	150	189 083
Mohave	10	142
Navajo	16	45
Pima	24	3 892
Pinal	25	295 451
Santa Cruz	3	(D)
Yavapai	37	753
Yuma	22	129 987
Farms not on mail list	124	635

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
486	640 627	337 189	325	59	19	11	13	10	49	632 610
Apache	13	(D)	11	—	1	—	—	—	1	(D)
Cochise	37	3 808	2 501	16	6	5	4	4	1	(D)
Coconino	7	51	18	5	1	—	—	—	—	—
Gila	7	40	19	5	2	—	—	—	—	—
Graham	7	(D)	2	—	1	1	—	2	1	(D)
Greenlee	4	12	5	4	—	—	—	—	—	—
Marirocopa	150	189 083	97 306	105	7	7	1	4	21	186 375
Mohave	10	142	56	8	1	—	1	—	—	—
Navajo	16	45	17	16	—	—	—	—	—	—
Pima	24	3 892	1 758	18	2	—	—	—	1	3 381
Pinal	25	295 451	156 399	8	1	2	1	1	12	295 194
Santa Cruz	3	(D)	1	1	—	—	—	—	—	—
Yavapai	37	753	282	27	4	2	1	3	—	—
Yuma	22	129 987	70 746	9	—	—	1	1	10	129 560
Farms not on mail list	124	635	410	90	34	—	—	—	—	—

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	Sales (\$1,000)	Farms	Number
Arizona	1 158	192 146	713	31 963	1 080	160 183	714	33 570	827	197 169	19 302	137	14 830	546
Apache	10	274	4	16	9	258	5	56	6	434	42	2	(D)	(D)
Cochise	72	11 953	32	1 438	69	10 515	35	2 157	47	12 816	1 260	8	(D)	(D)
Coconino	8	310	4	(D)	8	(D)	4	52	11	283	20	3	34	1
Gila	5	31	1	(D)	5	(D)	2	(D)	2	(D)	(D)	1	(D)	(D)
Graham	37	34 234	25	4 117	35	30 117	27	6 640	28	43 601	4 347	7	2 721	115
Greenlee	9	890	5	(D)	6	(D)	3	194	3	(D)	(D)	1	(D)	(D)
Maricopa	156	11 096	79	1 553	145	9 543	79	1 961	112	17 653	1 727	39	1 345	35
Mohave	18	(D)	8	(D)	18	(D)	9	632	11	1 966	(D)	6	(D)	(D)
Navajo	40	52 277	29	7 356	33	44 921	32	11 652	31	53 749	5 288	10	66	2
Pima	51	(D)	25	(D)	51	(D)	25	2 145	39	(D)	(D)	16	407	22
Pinal	48	13 946	27	1 718	46	12 228	29	2 619	37	15 570	1 533	9	(D)	(D)
Santa Cruz	8	73	4	13	8	60	4	(D)	4	50	(D)	1	(D)	(D)
Yavapai	32	1 436	15	417	29	1 019	15	475	17	(D)	154	5	(D)	(D)
Yuma	30	16 844	20	952	28	15 892	21	1 475	23	20 262	2 213	7	3 532	112
Forms not on mail list	634	36 412	435	12 374	590	24 038	424	3 493	456	9 337	904	22	685	30

All Farms
Part 2 of 3

	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
Arizona	1 158	192 146	426	154	176	64	40	215	29	54	146	347
Apache	10	274	6	1	1	—	1	1	—	—	—	—
Cochise	72	11 953	33	12	11	3	4	3	—	6	10	797
Coconino	8	310	2	1	4	—	—	—	1	—	—	—
Gila	5	31	4	—	1	—	—	—	—	—	—	—
Graham	37	34 234	9	1	4	—	—	2	2	4	15	32 104
Greenlee	9	890	4	1	—	3	—	—	—	1	(D)	(D)
Maricopa	156	11 096	58	30	29	14	7	6	7	5	6	335
Mohave	18	(D)	10	1	1	5	—	—	—	1	(D)	(D)
Navajo	40	52 277	17	7	6	3	—	—	—	7	51	975
Pima	51	(D)	27	7	11	2	1	1	—	2	(D)	(D)
Pinal	48	13 946	16	3	12	4	1	5	1	6	12	482
Santa Cruz	8	73	5	1	1	1	—	—	—	—	—	—
Yavapai	32	1 436	16	7	4	2	1	1	—	1	(D)	(D)
Yuma	30	16 844	11	5	3	1	2	1	1	1	6	16 270
Forms not on mail list	634	36 412	208	77	88	26	21	195	15	4	3 000	—

All Farms
Part 3 of 3

	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
Arizona	827	197 169	19 302	290	423	23	14	19	13	45	169	556
Apache	6	434	42	1	3	1	—	1	—	—	—	—
Cochise	47	12 816	1 260	25	12	2	2	—	1	5	11	195
Coconino	11	283	20	7	1	3	—	—	—	—	—	—
Gila	2	(D)	(D)	1	1	—	—	—	—	—	—	—
Graham	28	43 601	4 347	3	2	—	—	6	3	14	39	822
Greenlee	3	(D)	(D)	—	1	1	—	—	—	1	(D)	(D)
Maricopa	112	17 653	1 727	39	47	9	5	4	4	4	11	298
Mohave	11	1 966	(D)	5	3	—	1	1	—	1	(D)	(D)
Navajo	31	53 749	5 288	12	11	—	—	3	—	5	52	803
Pima	39	(D)	(D)	19	16	—	2	—	—	2	(D)	(D)
Pinal	37	15 570	1 533	11	12	2	3	2	1	6	13	400
Santa Cruz	4	50	(D)	3	1	—	—	—	—	—	—	—
Yavapai	17	(D)	154	8	5	2	1	—	—	1	(D)	(D)
Yuma	23	20 262	2 213	6	6	3	—	2	—	6	19	382
Forms not on mail list	456	9 337	904	150	302	—	—	—	4	—	—	—

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
Arizona	1 489	641 456	312	8 245	185	3 192	184	447 984	17	415	11	504
Apache	24	4 149	4	142	3	6	3	(D)	—	—	—	—
Cochise	125	3 153	12	159	15	137	5	(D)	1	(D)	1	(D)
Coconino	21	525	3	47	1	(D)	2	(D)	—	—	—	—
Gila	21	720	5	109	2	(D)	2	(D)	—	—	—	—
Graham	44	1 184	6	126	4	(D)	4	169	—	—	—	—
Greenlee	25	1 096	4	120	3	(D)	1	(D)	—	—	—	—
Maricopa	269	353 576	55	1 035	34	776	33	239 050	7	218	5	197
Mohave	41	716	6	72	5	14	2	(D)	—	—	—	—
Navajo	53	1 685	7	83	6	63	8	152	—	2	(D)	2
Pima	72	(D)	18	(D)	8	422	16	(D)	2	(D)	2	(D)
Pinal	49	(D)	16	452	5	148	10	(D)	2	(D)	1	(D)
Santa Cruz	22	(D)	2	(D)	1	(D)	—	—	—	—	—	—
Yavapai	66	11 905	7	57	—	—	3	(D)	—	—	—	—
Yuma	38	940	3	95	2	(D)	4	56	—	—	—	—
Farms not on mail list	619	17 357	164	4 757	96	1 187	91	5 790	5	50	—	—

All Farms
Part 2 of 2

	Hens and pullets of laying age—inventory per farm										100,000 or more	
	Total		Farms with—									
	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
Arizona	1 489	641 456	1 374	100	1	3	3	1	1	4	2	(D)
Apache	24	4 149	23	—	—	—	1	—	—	—	—	—
Cochise	125	3 153	119	5	1	—	—	—	—	—	—	—
Coconino	21	525	19	2	—	—	—	—	—	—	—	—
Gila	21	720	19	2	—	—	—	—	—	—	—	—
Graham	44	1 184	42	2	—	—	—	—	—	—	—	—
Greenlee	25	1 096	22	3	—	—	—	—	—	—	—	—
Maricopa	269	353 576	254	11	—	—	—	—	—	3	1	(D)
Mohave	41	716	41	—	—	—	—	—	—	—	—	—
Navajo	53	1 685	50	3	—	—	—	—	—	—	—	—
Pima	72	(D)	65	2	—	2	1	—	1	—	1	(D)
Pinal	49	(D)	42	4	—	1	1	—	—	1	—	—
Santa Cruz	22	372	22	—	—	—	—	—	—	—	—	—
Yavapai	66	11 905	64	1	—	—	—	1	—	—	—	—
Yuma	38	940	37	1	—	—	—	—	—	—	—	—
Farms not on mail list	619	17 357	555	64	—	—	—	—	—	—	—	—

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
Arizona	30	(D)	28	-	-	-	1	-	1	-	-
Cochise	3	(D)	3	-	-	-	-	-	-	-	-
Maricopa	5	(D)	4	-	-	-	-	-	1	-	-
Pima	3	490	3	-	-	-	-	-	-	-	-
Pinal	3	5	3	-	-	-	-	-	-	-	-
Yavapai	4	126	4	-	-	-	-	-	-	-	-
Yuma	3	(D)	2	-	-	1	-	-	-	-	-
All other counties	4	140	4	-	-	-	-	-	-	-	-
Farms not on mail list	5	5	5	-	-	-	-	-	-	-	-

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)
Arizona	387	447 866	293	229 844	315	283 197	259	336 943	2 230	333	14 914
Apache	25	131 418	21	76 777	23	78 224	22	108 666	609	25	2 221
Cochise	24	359	17	263	19	274	12	236	2	19	17
Coconino	29	60 877	27	36 302	26	28 091	26	45 984	302	27	1 639
Gila	5	43	5	29	3	22	2	(D)	(D)	4	1
Graham	6	37	5	22	2	(D)	2	(D)	(D)	2	(D)
Greenlee	5	75	4	46	3	(D)	4	45	1	4	1
Maricopa	88	113 745	62	37 922	70	77 085	59	61 107	522	75	4 947
Mohave	7	(D)	7	(D)	5	(D)	6	(D)	(D)	7	(D)
Navajo	42	52 061	36	39 711	39	25 063	33	51 270	291	40	1 519
Pima	20	374	18	270	17	290	13	349	2	17	14
Pinal	16	25 795	12	9 509	14	23 450	9	22 080	(D)	17	1 415
Santa Cruz	3	(D)	2	(D)	3	(D)	1	(D)	(D)	3	(D)
Yavapai	23	21 296	22	12 470	18	12 564	17	(D)	(D)	20	724
Yuma	19	34 248	13	13 211	17	33 286	11	29 417	167	17	2 140
Farms not on mail list	75	280	42	172	56	2 169	42	171	1	56	139
Sheep and lambs—Inventory per farm											
All Farms Part 2 of 2	Total		Farms with --							1,000 or more	
	Farms	Number	1	2 to 4	5 to 9	10 to 24	25 to 99	100 to 299	300 to 999	Farms	Number
	387	447 866	39	92	53	65	56	20	7	55	438 139
Apache	25	131 418	-	4	1	5	6	3	-	6	130 556
Cochise	24	359	4	5	5	4	5	1	-	-	-
Coconino	29	60 877	1	1	2	2	13	4	1	5	59 153
Gila	5	43	-	1	3	1	-	-	-	-	-
Graham	6	37	-	5	-	1	-	-	-	-	-
Greenlee	5	75	-	2	-	1	1	-	-	-	-
Maricopa	88	113 745	8	17	12	18	6	4	3	20	110 941
Mohave	7	(D)	-	2	2	-	2	-	-	1	(D)
Navajo	42	52 061	1	4	3	11	10	6	1	6	50 312
Pima	20	374	2	7	3	4	3	1	-	-	-
Pinal	16	25 795	2	4	3	1	-	-	1	5	25 452
Santa Cruz	3	(D)	1	-	1	-	-	-	-	-	-
Yavapai	23	21 296	1	2	7	4	5	-	-	4	(D)
Yuma	19	34 248	-	3	1	1	5	-	1	8	33 760
Farms not on mail list	75	280	19	35	9	12	-	-	-	-	-

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)
Arizona	277	2 063	114	1 261	51	13	(D)	(D)	(D)	(D)
Cochise	7	14	2	(D)	(D)	1	(D)	(D)	(D)	(D)
Graham	3	13	1	(D)	(D)	-	-	-	-	-
Maricopa	40	978	32	545	24	6	(D)	(D)	(D)	(D)
Navajo	4	46	3	13	1	1	(D)	(D)	(D)	(D)
Pima	18	162	11	54	4	2	(D)	(D)	(D)	(D)
Pinal	5	55	2	(D)	(D)	-	-	-	-	-
Yavapai	7	32	2	(D)	(D)	1	(D)	(D)	(D)	(D)
Yuma	4	27	1	(D)	(D)	1	(D)	(D)	(D)	(D)
All other counties	6	41	3	20	1	1	(D)	(D)	(D)	(D)
Farms not on mail list	175	695	57	545	18	-	-	-	-	-

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)
Arizona	25	81 468	17	9 611	155	25	315 180	877
Apache	6	65 168	6	5 343	69	6	247 776	694
Cochise	8	1 496	5	(D)	(D)	8	6 870	14
Navajo	8	14 598	5	3 882	81	8	59 239	164
All other counties	3	206	1	(D)	(D)	3	1 295	6

Table 23. Mink and Their Pelts—Inventory and Sales: 1978, not shown

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)
Arizona	220	46 309	23	1 418	54	183	2 952 466	1 340
Cochise	23	1 943	2	(D)	(D)	13	106 607	49
Gila	4	96	—	—	—	4	(D)	(D)
Graham	14	3 887	—	—	—	11	204 734	97
Maricopa	81	15 163	1	(D)	(D)	71	761 402	378
Mohave	4	69	—	—	—	3	(D)	(D)
Navajo	4	(D)	2	(D)	(D)	3	(D)	(D)
Pima	34	4 782	11	265	17	29	415 942	171
Pinal	9	1 733	3	35	3	9	80 252	35
Santa Cruz	3	(D)	—	—	—	3	(D)	(D)
Yavapai	18	1 564	—	—	—	11	91 632	51
Yuma	23	15 657	3	(D)	(D)	23	1 218 524	525
All other counties	3	41	1	(D)	(D)	3	1 927	1

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
CATFISH														
Arizona	4	16	2	(D)	2	(D)	2	(D)	(D)	2	(D)	(D)	4	(D)
TROUT														
Arizona	5	70	3	(D)	2	(D)	3	(D)	52	2	(D)	(D)	4	40
TROPICAL AND BAITFISH														
Arizona	3	(D)	—	—	3	(D)	—	—	—	3	(D)	(D)	3	(D)

Table 26. Miscellaneous Poultry—Inventory and Sales: 1978

All Farms	Inventory		Sales		All Farms	Inventory		Sales											
	Farms	Number	Farms	Number		Farms	Number	Farms	Number										
BROILERS																			
Arizona	419	112 215	30	(D)	Navajo	11	96	2	(D)										
Apache	3	19	—	—	Pima	15	456	5	(D)										
Cochise	27	369	3	(D)	Pinal	14	130	4	45										
Coconino	4	45	1	(D)	Yavapai	15	98	2	(D)										
Gila	5	117	—	—	Yuma	5	34	—	—										
Graham	9	55	—	—	All other counties	5	57	3	9										
Maricopa	45	68 701	5	(D)	Farms not on mail list	242	2 179	21	42										
Mohave	7	110	—	—	DUCKS—Con.														
Navajo	7	149	2	(D)	GEES														
Pima	11	1 161	3	490	Arizona	277	1 428	15	101	Apache	5	16	1	(D)					
Pinal	15	279	3	5	Cochise	13	58	2	(D)	Graham	4	10	—	—					
Yavapai	13	249	4	126	Maricopa	23	97	2	(D)	Mohave	8	38	1	(D)					
Yuma	10	32 222	3	(D)	Navajo	6	52	1	(D)	Navajo	9	97	3	6					
All other counties	5	62	1	(D)	Pinal	8	64	1	(D)	Pinal	12	59	2	(D)					
Farms not on mail list	258	8 677	5	5	All other counties	5	16	2	(D)	Yavapai	—	—	—	—					
TURKEYS																			
Arizona	282	1 450	40	(D)	Farms not on mail list														
Apache	5	28	—	—	184	921	—	—	—	PIGEONS OR SQUAB									
Cochise	18	107	6	32	Arizona	56	2 879	7	1 112	Maricopa	9	798	3	780					
Gila	4	19	1	(D)	Pima	5	629	3	(D)	All other counties	10	506	1	(D)					
Graham	5	17	1	(D)	Farms not on mail list	32	946	—	—	PHEASANTS									
Maricopa	34	169	8	41	Arizona	23	451	9	1 020	Maricopa	10	208	3	300					
Mohave	3	16	2	(D)	Navajo	3	(D)	—	—	Navajo	3	51	2	(D)					
Navajo	8	36	2	(D)	Pima	3	(D)	—	—	Pima	3	2	(D)						
Pima	10	72	5	(D)	All other counties	4	48	1	(D)	Yuma	3	(D)	—	—					
Pinal	11	246	4	214	QUAIL														
Santa Cruz	5	24	—	—	Arizona	9	168	4	(D)	Arizona	9	168	4	(D)					
Yavapai	6	21	2	(D)	All other counties	5	148	4	(D)	All other counties	5	148	4	(D)					
Yuma	5	23	2	(D)	Farms not on mail list	4	20	—	—	Farms not on mail list	4	20	—	—					
All other counties	5	16	1	(D)	OTHER POULTRY														
Farms not on mail list	163	656	6	13	Arizona	96	1 170	20	1 478	Arizona	96	1 170	20	1 478					
TURKEYS FOR SLAUGHTER																			
Arizona	238	1 174	38	(D)	Cochise	5	38	2	(D)	Cochise	5	38	2	(D)					
Apache	5	16	—	—	Graham	3	28	—	—	Graham	3	28	—	—					
Cochise	16	77	6	32	Maricopa	27	548	8	815	Maricopa	27	548	8	815					
Coconino	3	12	1	(D)	Pima	4	20	1	(D)	Pima	4	20	1	(D)					
Gila	3	6	—	—	Pinal	7	49	2	(D)	Pinal	7	49	2	(D)					
Maricopa	28	150	8	41	Yavapai	4	27	2	(D)	Yavapai	4	27	2	(D)					
Navajo	5	30	2	(D)	All other counties	9	142	1	(D)	All other counties	9	142	1	(D)					
Pima	7	27	5	(D)	Farms not on mail list	37	318	4	60	Farms not on mail list	37	318	4	60					
Pinal	11	238	4	214	POULTRY HATCHED (SEE TEXT)														
Santa Cruz	4	15	—	—	Arizona	164	37 226	204	27 361	Cochise	4	546	6	(D)					
Yavapai	4	13	2	(D)	Maricopa	17	4 921	28	3 796	Maricopa	17	4 921	28	3 796					
Yuma	5	13	2	(D)	Navajo	6	5 900	7	1 945	Navajo	6	5 900	7	1 945					
All other counties	5	22	3	17	Pima	9	9 459	9	8 878	Pima	9	9 459	9	8 878					
Farms not on mail list	142	555	5	10	Pinal	5	186	10	322	Pinal	5	186	10	322					
TURKEY HENS KEPT FOR BREEDING																			
Arizona	83	276	2	(D)	Yavapai	4	153	3	204	Yavapai	4	153	3	204					
Apache	4	12	—	—	Yuma	3	96	4	(D)	Yuma	3	96	4	(D)					
Cochise	10	30	—	—	All other counties	4	2 515	11	344	All other counties	4	2 515	11	344					
Graham	3	(D)	—	—	Farms not on mail list	112	13 450	126	10 543	Farms not on mail list	112	13 450	126	10 543					
Maricopa	12	19	—	—	DUCKS														
Navajo	3	(D)	—	—	Arizona	398	3 833	51	765	Arizona	398	3 833	51	765					
Pima	6	45	—	—	Apache	5	28	1	(D)	Apache	5	28	1	(D)					
Santa Cruz	4	9	—	—	Cochise	25	189	1	(D)	Cochise	25	189	1	(D)					
Yavapai	4	8	—	—	Graham	4	27	—	—	Graham	4	27	—	—					
All other counties	7	35	1	(D)	Maricopa	50	469	12	315	Maricopa	50	469	12	315					
Farms not on mail list	30	101	1	(D)	Navajo	7	68	—	—	Navajo	7	68	—	—					
DUCKS																			
Arizona	398	3 833	51	765	Pima	7	6	—	—	Pima	7	6	—	—					
Apache	5	28	1	(D)	Pinal	9	459	9	8 878	Pinal	9	459	9	8 878					
Cochise	25	189	1	(D)	Yavapai	4	153	3	204	Yavapai	4	153	3	204					
Graham	4	27	—	—	Yuma	3	96	4	(D)	Yuma	3	96	4	(D)					
Maricopa	50	469	12	315	All other counties	4	2 515	11	344	All other counties	4	2 515	11	344					
Mohave	7	68	—	—	Farms not on mail list	112	13 450	126	10 543	Farms not on mail list	112	13 450	126	10 543					

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

All Farms	Inventory		Sales		Sales (\$1,000)	All Farms	Inventory		Sales		Sales (\$1,000)						
	Farms	Number	Farms	Number			Farms	Number	Farms	Number							
HORSES AND PONIES																	
Arizona	3 167	42 517	1 026	6 010	9 795	Coconino	4	15 317	5	(D)	(D)						
Apache	132	10 045	26	623	55	Maricopa	17	97	9	87	2						
Cochise	336	1 721	71	185	136	Navajo	6	(D)	4	(D)	(D)						
Coconino	92	3 840	34	538	129	Pima	6	34	3	28	1						
Gila	81	589	23	97	36	Pinal	3	(D)	2	(D)	(D)						
Graham	96	805	20	36	14	Yavapai	6	61	3	(D)	(D)						
Greenlee	66	525	15	55	31	All other counties	10	63	3	33	1						
Maricopa	638	5 585	302	1 166	7 730	Farms not on mail list	36	76	7	7	(Z)						
Mohave	121	1 051	23	60	26	RABBITS AND THEIR PELTS											
Navajo	166	5 816	36	1 104	288	Arizona	155	4 187	38	12 688	30						
Pima	215	4 295	88	534	489	Cochise	5	60	3	71	(Z)						
Pinal	159	2 091	58	196	230	Coconino	8	693	8	1 721	4						
Santa Cruz	97	1 034	27	113	132	Gila	3	(D)	1	(D)	(D)						
Yavapai	214	1 996	57	294	200	Maricopa	12	476	6	(D)	(D)						
Yuma	64	377	9	17	23	Navajo	5	112	2	(D)	(D)						
Farms not on mail list	690	2 747	237	992	277	Pima	7	1 153	7	2 080	9						
MULES, BURROS, AND DONKEYS																	
Arizona	245	725	33	99	18	Yavapai	3	34	1	(D)	(D)						
Apache	9	37	—	—	—	Yuma	6	182	7	402	1						
Cochise	33	62	7	8	3	All other counties	3	160	1	(D)	(D)						
Coconino	5	68	—	—	—	Farms not on mail list	99	1 275	1	(D)	(D)						
Gila	13	21	—	—	—	WORMS (SEE TEXT)											
Graham	5	7	2	(D)	(D)	Arizona	16	1 239	18	44 367	122						
Greenlee	13	26	1	(D)	(D)	Maricopa	5	947	5	(D)	(D)						
Maricopa	39	86	6	8	4	Pima	8	266	6	9 401	21						
Mohave	12	56	—	—	—	All other counties	3	26	7	(D)	(D)						
Navajo	9	159	4	38	3	OTHER LIVESTOCK											
Pima	18	33	3	(D)	(D)	Arizona	23	(X)	8	(X)	274						
Pinal	18	47	—	—	—	Maricopa	8	(X)	6	(X)	(D)						
Santa Cruz	12	17	—	—	—	All other counties	6	(X)	2	(X)	(D)						
Yavapai	34	61	4	(D)	(D)	Farms not on mail list	9	(X)	—	(X)	—						
Yuma	11	21	1	(D)	(D)												
Farms not on mail list	14	24	5	5	1												
GOATS EXCEPT ANGORA AND MILK																	
Arizona	95	27 666	38	12 596	220												
Cochise	7	31	2	(D)	(D)												

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated							
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres						
CORN FOR GRAIN OR SEED (BUSHELS)																	
Arizona	201	34 175	2 916 476	194	32 719	Mohave	5	1 103	31 348	5	1 103						
Apache	10	2 445	149 424	7	2 440	Navajo	8	224	4 244	7	189						
Cochise	68	18 404	1 664 425	68	18 404	Pima	18	5 209	275 578	18	5 209						
Coconino	6	787	4 505	6	687	Pinal	111	22 921	1 557 310	111	22 921						
Graham	26	8 401	862 638	26	8 401	Yavapai	6	449	21 401	6	449						
Greenlee	14	451	28 268	14	451	Yuma	141	42 311	3 286 667	141	42 311						
Maricopa	7	2 137	135 820	4	(D)	All other counties	5	275	8 478	5	275						
Mohave	3	(D)	(D)	3	(D)	Farms not on mail list	49	365	17 188	49	365						
Navajo	10	489	8 266	9	188	BARLEY FOR GRAIN (BUSHELS)											
Pinal	3	(D)	(D)	3	(D)	Arizona	293	32 514	2 225 234	293	32 514						
Yavapai	8	702	(D)	8	702	Cochise	8	511	25 810	8	511						
All other counties	3	30	525	3	30	Gila	3	64	2 499	3	64						
Farms not on mail list	43	129	3 225	43	129	Graham	44	3 732	288 589	44	3 732						
SORGHUMS FOR GRAIN OR SEED (BUSHELS)																	
Arizona	181	22 016	1 578 209	181	22 016	Maricopa	91	9 307	724 258	91	9 307						
Apache	6	277	15 584	6	277	Mohave	4	146	3 875	4	146						
Cochise	42	5 570	504 542	42	5 570	Pima	9	689	39 896	9	689						
Graham	22	2 718	246 175	22	2 718	Pinal	107	15 167	931 453	107	15 167						
Greenlee	9	923	49 736	9	923	Santa Cruz	4	133	12 140	4	133						
Maricopa	31	3 524	220 720	31	3 524	Yavapai	6	334	15 269	6	334						
Mohave	6	2 004	(D)	6	2 004	Yuma	17	2 431	181 445	17	2 431						
Pima	15	2 156	120 363	15	2 156	OATS FOR GRAIN (BUSHELS)											
Pinal	25	2 048	124 501	25	2 048	Arizona	24	1 370	90 472	21	960						
Yavapai	3	(D)	(D)	3	(D)	Cochise	6	465	32 575	5	295						
Yuma	18	2 602	190 805	18	2 602	Maricopa	4	(D)	(D)	3	(D)						
Farms not on mail list	4	(D)	1 712	4	(D)	Pinal	3	(D)	(D)	3	(D)						
WHEAT FOR GRAIN (BUSHELS)						All other counties	7	651	45 197	6	551						
Arizona	500	104 500	7 552 742	499	104 465	Farms not on mail list	4	16	992	4	16						
Apache	8	309	11 499	8	309	SAFFLOWER (POUNDS)											
Cochise	15	1 370	65 824	15	1 370	Arizona	43	5 518	13 699 524	43	5 518						
Graham	16	1 265	94 160	16	1 265	Pinal	28	3 187	7 556 027	28	3 187						
Maricopa	118	28 699	2 179 045	118	28 699	All other counties	15	2 331	6 143 497	15	2 331						

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated					
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres				
COTTON (BALES)															
Arizona	1 294	569 950	1 152 165	1 294	569 950	Arizona	30	6 442	1 745 418	30	6 442				
Cochise	118	30 581	36 030	118	30 581	Micropo	23	5 696	1 585 301	23	5 696				
Graham	105	22 230	32 041	105	22 230	Pinal	3	689	156 437	3	689				
Greenlee	14	1 266	1 786	14	1 266	All other counties	4	57	3 680	4	57				
Maricopa	483	257 889	569 945	483	257 889	SWEETPOTATOES (BUSHELS)									
Mohave	5	2 445	3 651	5	2 445	Arizona	3	(D)	(D)	3	(D)				
Pima	56	23 362	37 792	56	23 362	Maricopa	3	497	1 617 362	3	497				
Pinol	281	134 369	273 076	281	134 369	SUGAR BEETS FOR SEED (POUNDS)									
Yuma	213	94 805	191 578	213	94 805	Arizona	3	497	1 617 362	3	497				
All other counties	3	617	766	3	617	Maricopa	3	497	1 617 362	3	497				
Forms not on mail list	16	2 386	5 500	16	2 386	SUGAR BEETS FOR SUGAR (TONS)									
SOYBEANS FOR BEANS (BUSHELS)															
Arizona	24	3 929	94 359	22	3 689	Arizona	53	14 869	311 317	53	14 869				
Maricopa	16	1 954	60 477	15	1 914	Maricopa	28	9 026	204 436	28	9 026				
Yuma	4	(D)	(D)	4	(D)	Pinal	18	2 103	41 708	18	2 103				
All other counties	4	(D)	(D)	3	(D)	All other counties	7	3 740	65 173	7	3 740				
DRY FIELD AND SEED BEANS (100-LB BAGS)															
Arizona	8	309	1 812	7	229	PEANUTS FOR NUTS (POUNDS)	12	824	2 247 394	12	824				
Cochise	4	158	1 067	4	158	Arizona	9	722	1 961 969	9	722				
All other counties	4	151	745	3	71	Yuma	3	102	285 425	3	102				

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated					
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres				
FIELD SEED CROPS															
Arizona	53	6 769	(X)	53	6 769	ALFALFA HAY (TONS, DRY) — Con.									
Maricopa	4	282	(X)	4	282	Navajo	83	3 190	9 434	83	3 190				
Yuma	44	6 075	(X)	44	6 075	Pima	33	2 913	12 369	33	2 913				
All other counties	5	412	(X)	5	412	Pinol	113	12 171	56 705	113	12 171				
ALFALFA SEED (POUNDS)						Santa Cruz	15	1 241	4 104	15	1 241				
Arizona	16	1 079	380 213	16	1 079	Yavapai	67	3 123	13 020	67	3 123				
Yuma	12	1 004	366 453	12	1 004	Yuma	277	62 403	452 309	277	62 403				
All other counties	4	75	13 760	4	75	Farms not on mail list	135	2 320	10 038	135	2 320				
BERMUDA GRASS SEED (POUNDS)						SMALL GRAIN HAY (TONS, DRY)									
Arizona	33	4 908	2 372 003	33	4 908	Arizona	187	7 658	16 141	179	7 215				
OTHER SEEDS (POUNDS)						Apache	21	690	1 190	19	540				
Arizona	4	417	90 075	4	417	Cochise	23	1 891	4 408	23	1 873				
HAY CROPS (TONS, DRY) (SEE TEXT)						Gila	7	97	129	5	94				
Arizona	1 807	178 227	994 092	1 788	176 391	Graham	3	(D)	(D)	3	(D)				
Apache	90	4 840	12 971	85	4 426	Greenlee	4	130	170	4	130				
Cochise	124	9 036	32 947	124	8 851	Maricopa	63	2 597	6 508	62	2 427				
Coconino	13	312	735	12	293	Mohave	9	192	419	8	172				
Gila	11	219	511	10	216	Navajo	5	(D)	(D)	4	(D)				
Graham	101	4 335	21 651	101	4 335	Pinal	13	532	978	13	532				
Greenlee	50	1 691	6 685	49	1 629	Yavapai	13	350	641	12	270				
Maricopa	552	57 834	323 978	550	57 606	Yuma	4	243	551	4	243				
Mohave	51	4 592	21 307	49	4 482	All other counties	6	185	261	6	185				
Navajo	89	3 600	10 420	88	3 578	Farms not on mail list	16	581	501	16	581				
Pima	39	3 309	13 173	38	3 109	OTHER TAME DRY HAY (TONS, DRY) (SEE TEXT)									
Pinol	126	13 225	58 243	125	13 095	Arizona	214	7 398	17 984	197	6 445				
Santa Cruz	16	1 431	4 349	15	1 331	Apache	21	744	1 356	18	597				
Yavapai	78	4 006	14 481	77	3 656	Cochise	8	177	497	8	177				
Yuma	291	66 114	460 781	289	66 101	Graham	10	118	143	10	118				
Forms not on mail list	176	3 683	11 860	176	3 683	Greenlee	3	(D)	(D)	1	(D)				
ALFALFA HAY (TONS, DRY)						Maricopa	35	1 003	4 244	32	945				
Arizona	1 579	154 112	937 819	1 579	154 112	Mohave	10	544	1 404	9	464				
Apache	73	3 201	10 287	73	3 201	Navajo	9	156	307	8	136				
Cochise	106	6 172	26 391	106	6 172	Pima	8	301	598	7	101				
Coconino	12	253	(D)	12	253	Pinol	7	188	361	6	118				
Gila	5	117	(D)	5	117	Yavapai	8	317	526	7	117				
Graham	95	4 033	20 936	95	4 033	Yuma	31	3 223	7 124	29	3 212				
Greenlee	49	1 466	6 149	48	1 466	All other counties	3	(D)	(D)	1	(D)				
Maricopa	472	47 863	296 657	472	47 863	Farms not on mail list	61	452	1 138	61	452				
Mohave	45	3 646	18 368	45	3 646	WILD HAY (TONS, DRY)									
Forms not on mail list	17	698	520	7	258	Arizona	17	698	520	7	258				
Apache	5	197	136	2	(D)	Apache	5	197	136	2	(D)				
Cochise	3	18	25	3	18	Maricopa	3	483	359	2	(D)				
Coconino	9	483	359	2	(D)	All other counties	9	483	359	2	(D)				

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

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated							
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres						
GRASS SILAGE AND HAYLAGE (TONS, GREEN)																	
Arizona	31	3 288	28 163	31	3 288	Cochise	3	41	730	3	41						
Cochise	4	(D)	(D)	4	(D)	Cochise	24	2 807	45 501	24	2 807						
Maricopa	20	2 401	19 061	20	2 401	Graham	8	486	6 882	8	486						
Navajo	3	(D)	(D)	3	(D)	Greenlee	6	223	5 146	6	223						
All other counties	4	159	3 808	4	159	Maricopa	83	10 776	211 661	83	10 776						
HAY CROPS CUT AND FED GREEN (TONS, GREEN)																	
Arizona	69	5 073	36 646	69	5 073	Mohave	3	(D)	(D)	3	(D)						
Maricopa	44	3 952	30 525	44	3 952	Navajo	21	538	5 989	20	503						
Pinal	4	274	503	4	274	Pima	3	(D)	(D)	3	(D)						
Yuma	5	243	2 383	5	243	Pinal	3	220	4 630	3	220						
All other counties	7	274	2 695	7	274	Yavapai	5	631	4 911	5	631						
Farms not on mail list	9	330	540	9	330	All other counties	5	60	502	5	60						
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)																	
Arizona	164	15 842	287 109	163	15 807	SORGHUMS FOR SILAGE OR GREEN CHOP (TONS, GREEN)											

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated		
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres	
LAND USED FOR VEGETABLES (SEE TEXT)										
Arizona	442	64 558	442	64 558	Arizona	27	1 001	27	1 001	
Apache	11	60	11	60	Maricopa	14	843	14	843	
Cochise	70	3 596	70	3 596	All other counties	8	151	8	151	
Coconino	6	33	6	33	Farms not on mail list	5	8	5	8	
Graham	10	(D)	10	(D)	CANTALOUPS AND PERSIAN MELONS					
Greenlee	7	75	7	75	Arizona	99	9 522	99	9 522	
Maricopa	99	21 381	99	21 381	Apache	3	(D)	3	(D)	
Navajo	18	(D)	18	(D)	Cochise	9	15	9	15	
Pima	12	2 240	12	2 240	Maricopa	35	3 865	35	3 865	
Pinal	30	5 880	30	5 880	Navajo	4	(D)	4	(D)	
Yavapai	17	112	17	112	Pinal	8	109	8	109	
Yuma	40	29 136	40	29 136	Yavapai	5	8	5	8	
All other counties	4	33	4	33	Yuma	10	5 282	10	5 282	
Farms not on mail list	118	246	118	246	All other counties	5	14	5	14	
ALL VEGETABLES HARVESTED (SEE TEXT)										
Arizona	442	70 566	442	70 566	Farms not on mail list	20	21	20	21	
Apache	11	69	11	69	CARROTS					
Cochise	70	4 599	70	4 599	Arizona	49	1 877	49	1 877	
Coconino	6	33	6	33	Maricopa	16	1 837	16	1 837	
Graham	10	27	10	27	All other counties	4	12	4	12	
Greenlee	7	75	7	75	Farms not on mail list	29	29	29	29	
Maricopa	99	24 123	99	24 123	CAULIFLOWER					
Navajo	18	1 745	18	1 745	Arizona	18	945	18	945	
Pima	12	2 698	12	2 698	Maricopa	10	610	10	610	
Pinal	30	5 879	30	5 879	Yuma	3	(D)	3	(D)	
Yavapai	17	115	17	115	Farms not on mail list	5	(D)	5	(D)	
Yuma	40	30 901	40	30 901	COLLARDS					
All other counties	4	33	4	33	Arizona	11	573	11	573	
Farms not on mail list	118	271	118	271	Maricopa	11	573	11	573	
BEANS, SNAP (BUSH AND POLE)										
Arizona	17	(D)	17	(D)	COWPEAS, BLACKEYED AND OTHER GREEN COWPEAS					
Cochise	6	(D)	6	(D)	Arizona	7	11	7	11	
Maricopa	3	4	3	4	Cochise	4	(D)	4	(D)	
Navajo	5	(D)	5	(D)	All other counties	3	(D)	3	(D)	
All other counties	3	6	3	6	CUCUMBERS AND PICKLES					
BEETS										
Arizona	9	22	9	22	Arizona	21	278	21	278	
Maricopa	5	21	5	21	Cochise	4	(D)	4	(D)	
All other counties	4	1	4	1	Maricopa	9	263	9	263	
BROCCOLI										
Arizona	15	1 029	15	1 029	All other counties	3	(D)	3	(D)	
Maricopa	12	937	12	937	Farms not on mail list	5	8	5	8	
All other counties	3	92	3	92						

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

All Farms	Harvested		Irrigated		All Farms	Harvested		Irrigated	
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres
GARLIC									
Arizona	5	727	5	727	Arizona	6	157	6	157
Yuma	5	727	5	727	SPINACH	11	278	11	278
HONEYDEW MELONS									
Arizona	43	1 618	43	1 618	Maricopa	11	278	11	278
Apache	3	(D)	3	(D)	SQUASH				
Maricopa	13	360	13	360	Arizona	42	591	42	591
All other counties	6	1 214	6	1 214	Apache	3	6	3	6
Farms not on mail list	21	(D)	21	(D)	Cochise	9	10	9	10
LETTUCE AND ROMAINE					Maricopa	13	109	13	109
Arizona	76	37 547	76	37 547	Navajo	3	125	3	125
Cochise	9	2 204	9	2 204	Yavapai	7	27	7	27
Maricopa	23	6 173	23	6 173	All other counties	7	316	7	316
Pima	5	2 673	5	2 673	SWEET CORN				
Pinal	8	4 488	8	4 488	Arizona	100	1 022	100	1 022
Yuma	31	22 009	31	22 009	Apache	7	17	7	17
MUSTARD GREENS					Cochise	14	183	14	183
Arizona	13	526	13	526	Graham	4	7	4	7
Maricopa	13	526	13	526	Maricopa	5	104	5	104
ONIONS, DRY					Navajo	14	(D)	14	(D)
Arizona	21	1 184	21	1 184	Yavapai	4	(D)	4	(D)
Cochise	3	1	3	1	All other counties	4	29	4	29
Maricopa	10	791	10	791	TOMATOES				
Navajo	4	1	4	1	Arizona	32	30	32	30
All other counties	4	392	4	392	Cochise	7	4	7	4
ONIONS, GREEN					Graham	6	(D)	6	(D)
Arizona	21	3 589	21	3 589	Maricopa	8	12	8	12
OKRA					Yavapai	3	(D)	3	(D)
Arizona	11	87	11	87	All other counties	8	7	8	7
Maricopa	5	(D)	5	(D)	TURNIPS				
All other counties	6	(D)	6	(D)	Arizona	12	357	12	357
PARSLEY					Maricopa	8	343	8	343
Arizona	4	32	4	32	All other counties	4	15	4	15
Maricopa	4	32	4	32	TURNIP GREENS				
PEAS, GREEN, EXCLUDING GREEN COWPEAS					Arizona	12	699	12	699
Arizona	5	(D)	5	(D)	MIXED VEGETABLES				
PEPPERS, HOT					Arizona	11	26	11	26
Arizona	56	1 448	56	1 448	Maricopa	3	(D)	3	(D)
Cochise	32	1 367	32	1 367	Yavapai	4	(D)	4	(D)
Graham	3	2	3	2	All other counties	4	7	4	7
Greenlee	7	70	7	70	WATERMELONS				
Navajo	3	1	3	1	Arizona	144	3 387	144	3 387
Yavapai	3	(Z)	3	(Z)	Apache	3	6	3	6
All other counties	8	7	8	7	Cochise	23	143	23	143
PEPPERS, SWEET					Graham	6	(D)	6	(D)
Arizona	12	487	12	487	Maricopa	32	1 690	32	1 690
Cochise	9	484	9	484	Navajo	4	(D)	4	(D)
All other counties	3	3	3	3	Pinal	21	865	21	865
PUMPKINS					Yavapai	5	23	5	23
Arizona	19	202	19	202	Yuma	6	510	6	510
Apache	3	4	3	4	All other counties	8	23	8	23
Cochise	11	115	11	115	OTHER VEGETABLES				
All other counties	5	83	5	83	Arizona	37	542	37	542
Farms not on mail list					Maricopa	9	514	9	514
					All other counties	7	7	7	7
Farms not on mail list									

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									
Arizona	1 164	77 634	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Apache	15	77	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Cochise	77	2 076	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Coconino	7	132	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Gila	11	83	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Graham	29	151	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Greenlee	7	19	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Maricopa	367	24 586	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mohave	26	160	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Navajo	24	95	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Pima	35	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Pinal	55	7 724	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Santa Cruz	5	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Yavapai	37	273	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Yuma	322	36 667	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Farms not on mail list	147	310	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
Arizona	195	813	97 156	103	25 166	155	71 990	90	862 275
Apache	15	54	2 909	6	64	13	2 845	6	(D)
Cochise	44	441	76 161	26	(D)	31	(D)	19	205 785
Coconino	6	60	1 791	3	61	5	1 730	3	(D)
Gila	5	27	1 735	4	270	4	1 465	2	(D)
Graham	11	36	3 666	4	68	9	3 598	6	35 670
Greenlee	4	(D)	415	3	(D)	3	(D)	1	(D)
Maricopa	8	(D)	2 430	5	(D)	3	(D)	1	(D)
Mohave	11	7	219	7	30	8	189	3	4 368
Navajo	22	41	2 156	10	39	20	1 759	16	166 922
Santa Cruz	5	4	291	2	(D)	4	(D)	3	(D)
Yavapai	21	74	2 981	7	67	18	2 914	14	213 195
All other counties	4	7	577	2	(D)	3	(D)	2	(D)
Farms not on mail list	39	39	1 825	24	221	34	1 604	14	700
APRICOTS									
Arizona	132	500	53 301	50	(D)	109	(D)	68	912 186
Apache	7	2	137	2	(D)	6	(D)	4	1 600
Cochise	18	4	208	7	34	14	174	4	825
Graham	11	9	571	4	23	10	548	8	(D)
Greenlee	3	1	39	1	(D)	2	(D)	1	(D)
Maricopa	24	445	51 177	13	(D)	19	(D)	15	(D)
Mohave	8	4	94	2	(D)	6	(D)	6	4 208
Pima	9	2	87	2	(D)	7	(D)	2	(D)
Pinal	5	1	39	2	(D)	5	(D)	4	145
Yavapai	12	4	154	7	66	9	88	6	5 515
All other counties	7	21	618	2	(D)	7	(D)	4	12 875
Farms not on mail list	28	8	177	8	32	24	145	14	1 405
AVOCADOS									
Arizona	6	16	1 405	5	(D)	1	(D)	1	(D)
CHERRIES									
Arizona	39	10	640	28	249	15	391	5	(D)
Apache	5	1	12	3	9	3	3	1	(D)
Cochise	6	1	15	6	15	—	—	—	—
Navajo	3	(D)	305	1	(D)	3	(D)	2	(D)
Yavapai	5	(D)	49	3	(D)	2	(D)	1	(D)
All other counties	10	2	99	5	51	7	48	1	(D)
Farms not on mail list	10	1	160	10	160	—	—	—	—
DATES									
Arizona	5	19	572	2	(D)	5	(D)	4	(D)
GRAPES (FRESH WEIGHT) (SEE TEXT)									
Arizona	99	3 171	1 494 728	54	58 242	87	1 436 486	52	24 159 791
Cochise	15	3	542	12	211	13	331	9	2 808
Graham	4	2	596	4	191	3	405	2	(D)
Maricopa	29	2 402	1 149 027	11	39 640	25	1 109 387	21	18 905 037
Mohave	5	5	2 215	4	378	4	1 837	2	(D)
Navajo	4	1	508	1	(D)	4	(D)	3	610
Pima	5	9	4 711	2	(D)	4	(D)	3	26 150
Pinal	7	121	54 364	1	(D)	7	(D)	5	713 750
Yavapai	6	4	1 495	1	(D)	5	(D)	1	(D)
All other counties	9	618	279 175	8	427	7	278 748	6	4 510 546
Farms not on mail list	15	6	2 095	10	80	15	2 015	—	—
NECTARINES									
Arizona	10	(D)	7 806	3	(D)	8	(D)	3	(D)
OLIVES									
Arizona	13	(D)	3 631	5	(D)	11	(D)	3	(D)
Maricopa	5	(D)	152	4	(D)	4	(D)	2	(D)
All other counties	3	38	3 469	1	(D)	2	(D)	1	(D)
Farms not on mail list	5	1	10	—	—	5	10	—	—

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									
Arizona	212	1 022	102 320	95	20 677	170	81 643	125	3 237 844
Apache	9	7	514	3	9	7	505	4	(D)
Cochise	35	72	6 070	14	828	27	5 242	12	277 330
Coconino	3	(D)	(D)	—	—	3	(D)	3	10 900
Graham	13	10	509	4	79	12	430	8	4 560
Greenlee	5	1	109	2	(D)	4	(D)	—	—
Maricopa	48	641	72 979	21	17 770	40	55 209	32	1 697 484
Mohave	9	6	525	1	(D)	8	(D)	6	(D)
Navajo	7	(D)	1 442	3	(D)	7	(D)	6	(D)
Pima	14	38	3 161	7	305	11	2 856	9	219 665
Pinal	7	3	199	3	(D)	6	(D)	6	(D)
Yavapai	18	142	13 578	6	(D)	16	(D)	13	(D)
All other counties	5	1	(D)	2	(D)	4	32	1	(D)
Farms not on mail list	39	17	2 097	29	1 477	25	620	25	9 700
PEARS									
Arizona	105	50	2 809	50	699	89	2 110	53	52 466
Apache	7	(D)	627	2	(D)	7	(D)	2	(D)
Cochise	25	11	704	13	348	19	356	11	2 640
Graham	4	1	34	1	(D)	4	(D)	2	(D)
Greenlee	5	2	134	3	(D)	4	(D)	1	(D)
Maricopa	15	2	84	10	49	9	35	8	1 313
Mohave	4	(D)	250	4	(D)	4	(D)	3	(D)
Navajo	9	5	393	1	(D)	9	(D)	6	(D)
Pima	5	2	84	3	(D)	3	(D)	1	(D)
Santa Cruz	4	2	114	2	(D)	3	(D)	2	(D)
Yavapai	12	6	192	4	25	12	167	5	2 535
All other counties	5	4	148	2	(D)	5	(D)	2	(D)
Farms not on mail list	10	1	45	5	15	10	30	10	300
PLUMS AND PRUNES (FRESH WEIGHT) (SEE TEXT)									
Arizona	107	1 269	146 228	48	61 691	74	84 537	43	3 284 323
Apache	5	3	234	1	(D)	5	(D)	1	(D)
Cochise	15	5	394	8	71	9	323	5	20 302
Gila	3	(7)	12	2	(D)	3	(D)	1	(D)
Maricopa	36	987	131 258	19	60 804	22	70 454	17	2 943 641
Mohave	3	1	57	1	(D)	2	(D)	2	(D)
Pima	9	12	1 010	4	104	7	906	5	14 285
Pinal	4	252	12 225	1	(D)	3	(D)	2	(D)
Yavapai	8	5	737	5	573	5	164	2	(D)
All other counties	9	2	146	2	(D)	8	(D)	3	775
Farms not on mail list	15	3	155	5	125	10	30	5	280
POMEGRANATES									
Arizona	5	2	113	1	(D)	5	(D)	4	996
OTHER NONCITRUS FRUIT									
Arizona	93	114	8 587	64	(D)	75	(D)	48	(D)
Cochise	5	2	97	2	(D)	5	(D)	2	(D)
Graham	5	3	70	1	(D)	4	(D)	4	865
Maricopa	17	(D)	7 006	12	(D)	12	(D)	7	(D)
Pima	3	(D)	6	1	(D)	2	(D)	2	(D)
Yavapai	3	1	73	3	(D)	1	(D)	—	—
All other counties	4	3	65	—	—	4	65	4	1 077
Farms not on mail list	56	37	1 270	45	342	47	928	29	10 024
ALL CITRUS FRUIT									
Arizona	675	53 873	4 680 099	136	149 128	638	4 530 971	(X)	(X)
Maricopa	297	18 477	1 606 130	53	62 559	283	1 543 571	(X)	(X)
Pinal	13	1 374	149 749	5	225	11	149 524	(X)	(X)
Yuma	294	33 887	2 914 055	53	83 063	286	2 830 992	(X)	(X)
All other counties	5	5	408	2	(D)	5	(D)	(X)	(X)
Farms not on mail list	66	131	9 757	23	(D)	53	(D)	(X)	(X)
GRAPEFRUIT									
Arizona	323	9 954	861 867	58	56 376	302	805 491	226	211 108 311
Maricopa	187	5 650	478 839	26	37 378	178	441 461	132	93 631 212
Yuma	94	3 752	325 185	21	15 832	91	309 353	73	97 360 103
All other counties	8	(D)	51 873	2	(D)	8	(D)	7	(D)
Farms not on mail list	34	(D)	5 970	9	(D)	25	(D)	14	(D)
LEMONS									
Arizona	313	22 679	1 739 653	42	71 636	292	1 668 017	263	522 893 151
Maricopa	92	3 356	257 123	9	7 988	86	249 135	77	70 497 146
Pinal	205	19 300	1 480 210	29	63 632	194	1 416 578	179	451 968 338
Yuma	3	21	2 266	—	—	3	2 266	3	427 515
All other counties									
Farms not on mail list	13	2	54	4	16	9	38	4	152

Table 32. Fruits and Nuts: 1978—Con.

All Farms	Total			Nonbearing age		Bearing age		Harvested	
	Forms	Acres	Trees or vines	Farms	Trees or vines	Farms	Trees or vines	Forms	Pounds
ORANGES									
Arizona	422	17 205	1 691 656	56	14 192	398	1 677 464	328	318 418 697
Maricopa	250	7 333	675 273	29	12 051	240	663 222	191	92 771 840
Pinal	10	(D)	95 299	2	(D)	10	(D)	9	(D)
Yuma	124	8 964	918 530	11	2 053	123	916 477	109	213 065 973
All other counties	3	(D)	331	1	(D)	3	(D)	2	(D)
Farms not on mail list	35	34	2 223	13	56	22	2 167	17	473 200
TANGELOS									
Arizona	81	1 931	189 684	7	3 052	80	186 632	69	31 605 806
Maricopa	18	289	23 295	1	(D)	17	(D)	16	3 105 316
Yuma	49	1 628	165 065	6	(D)	49	(D)	44	28 420 470
Farms not on mail list	14	14	1 324	—	—	14	1 324	9	80 020
TANGERINES AND MANDARINS									
Arizona	90	2 070	194 003	10	2 970	87	191 033	62	40 028 162
Maricopa	67	1 833	169 952	7	(D)	65	(D)	50	35 312 497
Yuma	17	235	24 002	3	(D)	16	(D)	11	(D)
All other counties	6	2	49	—	—	6	49	1	(D)
OTHER CITRUS FRUIT									
Arizona	45	33	3 172	21	902	33	2 270	24	222 955
Maricopa	18	15	1 584	10	(D)	12	(D)	9	103 475
All other counties	5	14	1 422	2	(D)	3	(D)	2	(D)
Farms not on mail list	22	4	166	9	36	18	130	13	(D)
ALMONDS									
Arizona	32	12	649	13	449	21	200	10	825
Cochise	4	(Z)	10	2	(D)	3	(D)	2	(D)
Graham	5	2	110	1	(D)	4	(D)	4	(D)
Maricopa	6	2	64	3	(D)	3	(D)	2	(D)
Mohave	6	6	407	3	(D)	3	(D)	2	(D)
Pima	5	1	18	1	(D)	4	(D)	—	—
Yavapai	3	(Z)	7	1	(D)	2	(D)	—	—
All other counties	3	1	33	2	(D)	2	(D)	—	—
PECANS, IMPROVED									
Arizona	256	15 757	706 093	153	288 292	161	417 801	124	(D)
Cochise	23	1 269	60 672	18	57 532	9	3 140	5	9 300
Gila	5	53	(D)	—	—	5	(D)	5	4 625
Graham	17	66	1 248	4	(D)	15	(D)	13	28 934
Maricopa	54	1 391	52 005	29	(D)	36	(D)	27	50 606
Mohave	16	77	(D)	12	1 340	6	(D)	5	1 600
Pima	18	(D)	229 562	13	(D)	17	(D)	13	(D)
Pinal	38	5 636	260 948	23	138 436	29	122 512	22	1 399 215
Yavapai	10	31	816	4	713	7	103	4	(D)
Yuma	24	2 017	95 458	5	(D)	23	(D)	22	260 141
All other counties	5	(D)	488	4	(D)	4	(D)	3	115
Farms not on mail list	46	64	1 388	41	1 238	10	150	5	1 000
PECANS, WILD AND SEEDLING									
Arizona	20	38	658	14	(D)	13	(D)	8	(D)
Maricopa	6	20	329	1	(D)	5	(D)	3	(D)
All other counties	4	16	309	3	50	3	259	—	—
Farms not on mail list	10	1	20	10	10	5	10	5	900
PISTACHIOS									
Arizona	38	815	99 619	37	(D)	4	(D)	1	(D)
Cochise	10	264	34 282	10	34 282	—	—	—	—
Maricopa	3	(D)	(D)	3	(D)	—	—	—	—
Mohave	8	48	3 422	8	(D)	1	(D)	1	(D)
Pima	3	(D)	5 097	2	(D)	1	(D)	—	—
Pinal	9	324	(D)	9	40 615	2	(D)	—	—
All other counties	5	98	12 890	5	12 890	—	—	—	—
WALNUTS, ENGLISH OR PERSIAN									
Arizona	12	3	68	5	21	8	47	5	990
Mohave	3	(D)	19	1	(D)	2	(D)	2	(D)
Yavapai	3	(D)	16	4	(D)	3	16	2	(D)
All other counties	6	1	33	—	—	3	(D)	1	(D)
OTHER NUTS									
Arizona	12	6	167	11	132	10	35	2	(D)
All other counties	7	5	107	6	87	5	20	2	(D)
Farms not on mail list	5	2	60	5	45	5	15	—	—

Table 33. Berries: 1978

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
BLACKBERRIES (POUNDS)											
Arizona	4	(D)	1 375	3	(Z)		Arizona			3	(D)

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

All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)	All Farms	Sq. ft. under glass or other protection			Sales (\$1,000)					
	Farms	Acres	Acres in open			Farms	Acres	Acres in open						
ALL NURSERY AND GREENHOUSE PRODUCTS (SEE TEXT)														
Arizona	176	2 085 895	2 705	17 740	Arizona	66	292 646	814	8 070					
Cochise	12	(D)	3	69	Cochise	4	240 906	3	36					
Maricopa	94	1 169 429	1 332	12 582	Maricopa	7	(D)	696	6 974					
Pima	26	687 102	41	2 592	Pima	4	—	(D)	(D)					
Pinol	7	30 800	224	(D)	Yavapai	4	—	30	(D)					
Yavapai	10	64 380	58	120	Yuma	4	—	(D)	9					
Yuma	17	(D)	1 038	1 060	All other counties	3	(D)	(D)						
All other counties	6	98 020	3	85										
Farms not on mail list	4	—	8	(D)										
BEDDING PLANTS														
Arizona	17	382 500	3	1 036	Arizona	6	(X)	302	1 498					
Maricopa	11	342 428	3	961										
All other counties	6	40 072	—	75										
CUT FLOWERS AND CUT FLORIST GREENS														
Arizona	10	62 260	86	585	Arizona	16	641 392	(X)	1 389					
Maricopa	7	(D)	(D)	563	Cochise	5	(D)	(X)	19					
All other counties	3	(D)	(D)	22	Maricopa	4	84 436	(X)	(D)					
FOLIAGE AND FLOWERING PLANTS														
Arizona	64	698 397	472	4 292	Yavapai	3	26 780	(X)	35					
Maricopa	36	442 699	461	3 549	All other counties	4	(D)	(X)	(D)					
Pima	18	147 654	10	644										
Yavapai	4	13 600	(D)	21	OTHER NURSERY AND GREENHOUSE PRODUCTS									
All other counties	6	94 444	(D)	78	Arizona	12	(D)	19	47					
Farms not on mail list	5	425	(X)	5	Maricopa	7	(D)	8	28					
					All other counties	5	—	11	19					

Table 35. Other Crops: 1978

All Farms	Harvested			Irrigated		All Farms	Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
OTHER CROPS											
Arizona	8	575	(X)	8	575						
All other counties	3	150	(X)	3	150						
Farms not on mail list	5	425	(X)	5	425						

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		
	Farms	Land in farms (acres)	Total acres held	Owned by individuals who are not citizens of the United States		Owned by foreign held corporations, associations, or a foreign government		Farms	Land in farms (acres)	Farms	Land in farms (acres)	
				Farms	Acres							
Arizona	28	89 847	71 759	20	(D)	8	(D)	36	153 792	7 038	36 906 671	
Maricopa	5	492	57	5	57	—	—	15	146 857	1 843	1 106 062	
Pinal	8	12 835	12 590	2	(D)	6	(D)	5	961 468	2 227 564	44	
All other counties	10	76 485	59 077	8	(D)	2	(D)	16	5 974	3 399	33 430 565	
Farms not on mail list	5	35	35	5	35	—	—	—	—	1 328	142 480	
										29	9 280	

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

All Farms	Forms	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
Arizona	542	7 388	96	33	74	140	58	57	26	58
Apache	8	11	5	—	1	1	1	—	—	—
Cochise	42	202	3	2	4	19	5	—	2	—
Coconino	4	28	—	—	—	—	4	—	—	—
Graham	20	54	3	1	2	10	4	—	—	—
Greenlee	13	42	—	2	1	7	2	1	—	—
Maricopa	160	2 959	11	11	14	44	15	26	8	31
Mohave	6	4	2	1	2	1	—	—	—	—
Navajo	17	5	11	4	1	1	—	—	—	—
Pima	21	219	1	—	—	9	4	2	3	1
Pinal	51	961	2	5	2	13	5	11	6	7
Yavapai	23	54	6	6	—	6	5	—	—	—
Yuma	76	2 797	4	—	3	21	10	12	7	19
All other counties	6	15	—	1	—	4	1	—	—	—
Farms not on mail list	95	37	48	—	43	4	—	—	—	—

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

All Farms	Forms	Value (\$1,000)	Farms with—							
			\$1 to \$249	\$250 to \$499	\$500 to \$999	\$1,000 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 or more
Arizona	700	3 158	147	130	114	240	30	19	6	14
Apache	22	19	4	2	9	7	—	—	—	—
Cochise	77	146	23	4	15	27	5	2	1	—
Coconino	17	48	3	3	3	5	1	—	—	—
Gila	10	8	2	1	3	4	—	—	—	—
Graham	14	34	2	2	5	4	—	—	1	—
Greenlee	10	13	—	2	3	4	1	—	—	—
Maricopa	194	1 750	36	24	41	65	10	8	2	8
Mohave	18	10	4	6	6	2	—	—	—	—
Navajo	46	59	12	6	4	22	2	—	—	—
Pima	58	455	12	8	9	22	3	—	—	4
Pinal	33	267	6	6	5	8	2	3	1	2
Santa Cruz	8	3	4	3	—	1	—	—	—	—
Yavapai	56	124	11	12	4	22	4	2	1	—
Yuma	28	66	6	8	3	7	2	2	—	—
Farms not on mail list	109	156	22	43	4	40	—	—	—	—

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	
Arizona	479	20 866 881	200	65 273	59 192	27	83	79	117	104	69	
Apache	34	4 840 478	14	4 339	4 381	—	1	3	13	9	8	
Cochise	13	35 972	8	565	219	1	4	3	—	5	—	
Coconino	47	3 749 990	9	916	2 206	4	8	—	6	20	9	
Gila	10	813 648	—	—	788	—	1	—	—	5	4	
Graham	16	1 335 934	6	1 717	2 103	—	—	7	5	—	4	
Maricopa	76	132 846	51	9 090	11 980	9	7	31	13	11	5	
Mohave	11	539 364	7	1 591	909	2	—	4	1	2	2	
Navajo	49	5 928 771	16	2 307	5 637	4	4	—	17	16	8	
Pima	34	2 451 608	12	8 821	8 430	—	2	6	5	9	12	
Pinal	33	781 144	29	21 831	14 018	—	3	10	3	8	9	
Yuma	38	166 541	34	13 856	8 036	2	4	15	2	10	5	
All other counties	10	36 836	4	125	209	1	1	—	1	4	3	
Farms not on mail list	108	53 749	10	115	276	4	48	—	51	5	—	

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
Arizona	312	20 517 096	30 356	111	128 814	20 830	56	220 971	14 087
Apache	30	4 726 044	4 314	2	(D)	(D)	2	(D)	-
Coconino	43	3 749 124	916	1	(D)	-	3	710	-
Gila	8	811 072	-	2	(D)	-	-	-	-
Graham	11	1 334 457	572	3	925	(D)	2	(D)	(D)
Maricopa	39	61 440	579	22	6 361	6 143	15	65 045	2 368
Mohave	8	528 845	(D)	-	-	-	3	10 519	1 544
Navajo	45	5 925 870	2 307	2	(D)	-	2	(D)	-
Pima	24	2 419 451	2 072	7	28 747	4 551	3	3 410	(D)
Pinal	13	766 418	13 951	7	8 168	2 824	13	6 558	5 056
Yavapai	7	35 857	(D)	1	(D)	(D)	-	-	-
Yuma	15	156 772	5 224	12	7 010	6 233	11	2 759	2 399
All other counties	8	1 417	186	5	17 320	266	2	(D)	(D)
Farms not on mail list	61	329	115	47	53 420	-	-	-	-

Table 41. Operators by Selected Racial Groups: 1978

BLACK	All farms		Farms with sales of \$2,500 or more		ASIAN OR PACIFIC ISLANDER	All farms		Farms with sales of \$2,500 or more						
	Forms	Land in farms	Forms	Land in farms		Forms	Land in farms	Forms	Land in farms					
						Arizona	92	54 561	51	54 237	Arizona	41	39 412	37
Arizona	92	54 561	51	54 237	Maricopa	10	198	4	172	Pima	6	28 677	29	28 677
Maricopa	5	785	4	745	All other counties	77	53 578	43	53 320	All other counties	3	3 440	2	(D)
All other counties					Farms not on mail list					Farms not on mail list				
Farms not on mail list					ALL OTHER RACES (SEE TEXT)					Arizona	95	135 629	66	134 470
AMERICAN INDIAN					Apache	31	4 839 980	10	2 704	Cochise	3	498	1	(D)
Arizona	251	20 637 279	124	57 706	Gila	46	3 749 989	30	2 656	Gila	12	35 357	11	(D)
Apache	31	4 839 980	10	2 704	Graham	7	811 063	3	14	Graham	3	2 585	3	2 585
Coconino	46	3 749 989	30	2 656	Maricopa	10	1 334 618	1	(D)	Maricopa	6	1 316	4	(D)
Gila	7	811 063	3	14	Mohave	9	60 557	4	138	Mohave	25	64 796	14	64 517
Graham	10	1 334 618	1	(D)	Navajo	49	5 928 771	20	3 215	Navajo	3	10 519	3	10 519
Maricopa	9	60 557	4	138	Pima	17	2 416 027	5	1 186	Pima	10	6 524	8	(D)
Mohave	8	528 845	2	(D)	Pinal	18	766 468	14	2 468	Pinal	11	12 669	8	12 547
Navajo	49	5 928 771	20	3 215	Yuma	22	163 673	19	8 939	Yuma	14	1 035	13	(D)
Pima	17	2 416 027	5	1 186	All other counties	8	37 152	6	35 100	All other counties	3	295	1	(D)
Pinal	18	766 468	14	2 468	Farms not on mail list	26	136	10	105	Farms not on mail list	5	35	-	-
Yuma	22	163 673	19	8 939										
All other counties	8	37 152	6	35 100										
Farms not on mail list														

Table 42. Operators of Spanish Origin: 1978

Arizona	All farms		Farms with sales of \$2,500 or more		Mahave	All farms		Farms with sales of \$2,500 or more						
	Forms	Land in farms	Forms	Land in farms		Forms	Land in farms	Forms	Land in farms					
						591	482 382	246	451 969	Navajo	6	677	2	(D)
Apache	7	1 878	4	1 350	Pima	55	102 813	44	101 793	Pinal	30	111 857	23	107 306
Cochise	3	308	3	308	Santa Cruz	7	9 012	6	(D)	Santa Cruz	18	9 343	12	8 258
Coconino	12	8 319	9	8 308	Yavapai	11	5 453	9	(D)	Yavapai	7	19 719	4	19 604
Gila	12	8 319	9	8 308	Yuma	67	77 761	43	77 554	Yuma	43	20 227	38	15 941
Graham	7	9 012	6	(D)	Farms not on mail list					Farms not on mail list	273	5 557	4	16
Greenlee	11	5 453	9	(D)										
Maricopa	67	77 761	43	77 554										

Table 43. Female Operators: 1978

Arizona	All farms		Farms with sales of \$2,500 or more		Mohave	All farms		Farms with sales of \$2,500 or more						
	Forms	Land in farms	Forms	Land in farms		Forms	Land in farms	Forms	Land in farms					
						467	684 469	316	561 647	Navajo	13	27 594	6	27 106
Apache	16	157 964	12	49 286	Pima	29	74 025	24	70 044	Pinal	33	24 781	21	23 659
Cochise	9	13 415	5	11 260	Santa Cruz	3	73	2	(D)	Santa Cruz	37	94 066	29	93 742
Coconino	3	47 272	6	(D)	Yavapai	8	881	4	448	Yavapai	35	63 864	22	61 719
Gila	143	7 177	80	6 349	Yuma					Yuma	25	2 227	20	2 141
Graham					Farms not on mail list					Farms not on mail list	74	4 530	57	3 010
Greenlee														
Maricopa														

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	7 660	38 657 700	5 803	37 944 191	4 982	17 115 674	4 321	16 965 315
Average size of farm	(X)	5 047	(X)	6 539	(X)	3 436	(X)	3 926
Approximate land area	(X)	72 587 520	(X)	72 587 520	(X)	72 587 520	(X)	72 587 520
Proportion in farms	percent	53.3	(X)	52.3	(X)	23.6	(X)	23.4
Value of land and buildings: ¹								
Average per farm	dollars	1 002 923	(X)	723 169	(X)	1 058 730	(X)	637 925
Average per acre	dollars	199		111		308		(X) 162
Land in farms according to use:								
Total cropland	5 500	1 574 996	4 244	1 505 072	3 632	1 451 999	3 202	1 372 631
Harvested cropland	3 975	1 113 890	3 533	1 096 525	2 991	1 074 707	2 821	1 052 199
By acres harvested:								
1 to 9 acres	1 095	4 253	637	(NA)	411	1 565	213	(NA)
10 to 19 acres	435	5 535	480	(NA)	273	3 554	287	(NA)
20 to 29 acres	268	5 956	235	(NA)	216	4 827	214	(NA)
30 to 49 acres	313	11 329	326	(NA)	286	10 393	283	(NA)
50 to 99 acres	349	24 610	379	(NA)	325	22 878	376	(NA)
100 to 199 acres	333	47 445	365	(NA)	319	45 363	361	(NA)
200 to 499 acres	537	174 046	498	(NA)	531	172 459	488	(NA)
500 to 999 acres	377	258 005	352	(NA)	371	254 651	345	(NA)
1,000 acres or more	268	582 711	261	(NA)	259	559 017	254	(NA)
Cropland used only for pasture	2 080	143 667	1 290	117 299	1 084	100 399	784	85 921
Other cropland	1 554	317 439	971	291 248	1 210	276 893	843	234 511
Cropland in cover crops, legumes, and soil-improvement								
grasses, not harvested or pastured	112	3 933	(NA)	(NA)	85	3 356	86	15 365
Cropland on which all crops failed	229	12 526	(NA)	(NA)	149	10 320	62	7 509
Cropland in cultivated summer fallow	272	98 495	(NA)	(NA)	250	94 975	191	67 290
Cropland idle	1 162	202 485	(NA)	(NA)	912	168 242	577	144 347
Total woodland	232	4 218 210	202	4 132 311	131	99 737	102	205 726
Woodland pastured	154	4 058 283	(NA)	(NA)	87	92 310	66	89 504
Woodland not pastured	99	159 927	(NA)	(NA)	54	7 427	41	116 222
Other land	5 284	32 864 494	4 041	32 306 808	3 492	15 563 938	3 019	15 386 958
Pastureland and rangeland, other than cropland and								
woodland pastured	2 338	31 773 743	(NA)	(NA)	1 667	15 359 588	1 417	14 858 453
Land in house lots, ponds, roads, wasteland, etc.	4 067	1 090 751	(NA)	(NA)	2 523	204 370	2 319	528 505
Pastureland, all types	4 009	35 975 693	(NA)	(NA)	2 420	15 552 277	(NA)	15 033 878
Irrigated land	4 852	1 210 568	3 828	1 153 478	3 409	1 153 661	2 984	1 109 978
Harvested cropland irrigated	3 911	1 109 761	(NA)	(NA)	2 944	1 071 046	2 758	1 048 819
Pastureland irrigated	1 376	65 511	(NA)	(NA)	782	51 063	(NA)	42 314
Other land irrigated	392	35 296	(NA)	(NA)	319	31 552	139	18 845
Land set aside in the federal farm programs in 1978	348	21 928	(X)	(X)	342	21 341	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	7 660	1 317 770	5 803	1 080 530	4 982	1 284 763	4 321	1 053 587
Average per farm	(X)	172 033	(X)	186 202	(X)	257 881	(X)	243 829
Farms by value of agricultural products sold: ¹								
\$100,000 or more	1 518	1 206 806	1 231	(NA)	1 518	1 206 806	1 231	(NA)
\$40,000 to \$99,999	681	44 437	636	(NA)	681	44 437	636	(NA)
\$20,000 to \$39,999	585	16 701	544	(NA)	585	16 701	544	(NA)
\$10,000 to \$19,999	628	8 986	554	(NA)	628	8 986	554	(NA)
\$5,000 to \$9,999	690	4 714	584	(NA)	690	4 714	584	(NA)
\$2,500 to \$4,999	880	3 119	589	(NA)	880	3 119	589	(NA)
Less than \$2,500 (see text)	2 586	2 830	1 584	(NA)	(X)	(X)	183	(NA)
\$2,000 to \$2,499	312	680	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	654	1 078	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	657	788	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	963	284	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	92	30 177	81	(NA)	(X)	(X)	(X)	(X)
Crops	3 126	659 552	2 982	500 163	2 618	649 319	(NA)	491 031
Grains	814	40 722	(NA)	(NA)	775	39 456	1 198	73 343
Commodity Credit Corporation loans	80	782	(NA)	(NA)	78	(D)	(NA)	(NA)
Cotton and cottonseed	1 294	340 697	(NA)	(NA)	1 273	335 138	1 124	205 821
Commodity Credit Corporation loans	81	2 819	(NA)	(NA)	80	(D)	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	1 236	50 483	(NA)	(NA)	1 050	49 160	955	51 801
Vegetables, sweet corn, and melons	442	122 643	(NA)	(NA)	324	121 007	202	73 485
Fruits, nuts, and berries	673	69 044	(NA)	(NA)	500	68 723	580	54 793
Nursery and greenhouse products	176	17 740	136	7 549	153	17 708	114	7 521
Other crops	107	18 224	(NA)	(NA)	103	18 127	99	24 267
Livestock, poultry, and their products	5 082	658 218	3 516	580 247	3 136	635 444	2 460	562 541
Poultry and poultry products	429	7 549	225	6 461	212	7 465	105	6 422
Dairy products	239	93 518	(NA)	(NA)	205	92 219	174	58 227
Cattle and calves	3 806	509 810	(NA)	(NA)	2 615	496 034	2 152	475 961
Hogs and pigs	827	19 302	(NA)	(NA)	335	18 689	241	11 720
Sheep, lambs, and wool	333	14 914	(NA)	(NA)	196	10 176	123	6 585
Other livestock and livestock products (see text)	1 357	13 124	(NA)	(NA)	725	10 861	347	3 626

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	7 660	5 803	38 657 700	3 975	15 337 778	1 113 890	4 852	16 737 844	1 112 236	1 210 568
Farms with—										
1 to 9 acres	1 830	960	6 459	535	2 464	1 730	828	3 621	1 672	2 783
10 to 49 acres	1 756	1 253	41 640	978	22 733	14 825	1 217	27 863	14 721	18 892
50 to 69 acres	215	224	12 341	137	7 867	4 955	165	9 476	4 905	6 203
70 to 99 acres	387	280	31 502	296	24 071	12 898	340	27 661	12 898	15 310
100 to 139 acres	291	191	34 235	189	21 994	12 223	216	25 125	12 143	15 198
140 to 179 acres	265	303	41 785	153	23 937	15 627	173	27 131	15 527	17 170
180 to 219 acres	146	126	28 813	102	20 209	11 264	111	21 935	11 244	12 855
220 to 259 acres	145	118	34 322	104	24 557	16 712	114	26 976	16 712	17 482
260 to 499 acres	570	530	206 227	381	139 832	88 952	443	159 930	88 427	101 545
500 to 999 acres	649	512	450 277	471	328 335	224 163	496	346 242	224 093	233 234
1,000 to 1,999 acres	476	429	659 901	295	409 363	243 909	358	490 828	243 909	256 810
2,000 acres or more	930	877	37 110 198	334	14 312 416	466 632	391	15 571 056	465 985	513 086

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	7 660	38 657 700	5 803	37 944 191	4 982	17 115 674	4 321	16 965 315				
Harvested cropland	3 975	1 113 890	3 533	1 096 525	2 991	1 074 707	2 821	1 052 199				
Tenure of operator:												
Full owners	4 907	23 044 903	3 622	22 768 376	2 841	2 067 908	2 409	2 108 661				
Harvested cropland	2 473	369 610	(NA)	340 223	1 626	334 366	(NA)	306 427				
Part owners	1 706	12 309 261	1 385	12 216 008	1 464	11 893 555	1 242	11 992 475				
Harvested cropland	978	496 047	(NA)	506 005	896	493 018	(NA)	495 871				
Tenants	1 047	3 303 536	796	2 959 807	577	3 154 211	670	2 864 179				
Harvested cropland	524	248 233	(NA)	250 297	469	247 323	(NA)	249 901				
Type of organization:												
Individual or family	5 917	8 027 280	(NA)	(NA)	3 519	7 624 622	3 263	8 373 397				
Partnership	942	3 333 150	(NA)	(NA)	771	3 298 681	585	2 491 937				
Corporation	639	5 937 177	(NA)	(NA)	631	5 935 301	438	5 892 491				
Other—cooperative, estate or trust, institutional, etc.	162	21 360 093	(NA)	(NA)	61	257 070	35	207 490				
All farms			Farms with sales of \$2,500 or more						All farms			
1978	'1974	1978	1978	'1974	1978	1978	'1974	1978	1978	'1974		
Operators by principal occupation:												
Farming	3 313	2 815	2 879	2 528								
Other	4 347	2 434	2 103	1 320								
Operators by age group:												
Under 25 years	127	75	82	55								
25 to 34 years	1 134	486	622	324								
35 to 44 years	1 782	970	1 075	688								
45 to 54 years	2 018	1 499	1 321	1 124								
55 to 64 years	1 659	1 351	1 219	1 033								
65 years and over	940	868	663	624								
Average age	48.5	51.6	49.6	51.8								
Operators by place of residence:												
On farm operated	5 062	2 682			2 958	1 870						
Not on farm operated	1 956	1 525			1 536	1 219						
Not reported	642	1 042			488	759						
Operators reporting days of work off farm:												
None	2 854	1 865			2 383	1 612						
1 to 49 days	426	181			331	135						
50 to 99 days	178	110			136	73						
100 to 149 days	235	119			171	82						
150 to 199 days	347	237			225	133						
200 days or more	3 405	1 750			1 555	965						

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

	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	3 288	260 854	2 118	224 944	1 843	256 230	1 428	222 243				
Feed for livestock and poultry	5 025	218 830	3 363	262 959	2 938	214 210	2 282	260 314				
Commercially mixed formula feeds	2 127	54 606	2 520	60 643	1 129	53 216	1 851	59 816				
Animal health costs	4 047	6 804	(NA)	(NA)	2 527	6 222	1 630	3 887				
Seeds, bulbs, plants, and trees	2 971	12 149	2 487	11 698	2 239	11 733	1 997	11 322				
Commercial fertilizer	3 344	45 195	2 974	40 150	2 634	44 101	2 455	39 248				
Other agricultural chemicals including lime	3 075	46 356	2 124	23 351	2 530	45 161	1 893	22 965				
Hired farm labor	3 552	129 977	2 843	92 272	3 002	125 524	2 487	88 719				
Contract labor	1 344	29 170	848	11 855	1 177	28 840	762	11 709				
Customwork, machine hire, and rental of machinery and equipment	2 508	34 787	2 017	21 194	1 939	33 734	1 696	20 461				
Energy and petroleum products	7 596	74 475	(NA)	(NA)	4 918	71 719	(NA)	(NA)				
Petroleum products	7 569	40 947	5 389	22 523	4 913	38 915	4 159	21 554				
Gasoline	7 224	13 941	(NA)	(NA)	4 647	12 691	3 987	9 354				
Diesel fuel	2 823	12 380	(NA)	(NA)	2 465	12 038	1 962	7 361				
LP gas, butane, and propane	1 813	2 698	(NA)	(NA)	1 620	2 575	1 431	1 998				
Fuel oil	242	347	(NA)	(NA)	234	347	(NA)	(NA)				
Natural gas	555	8 702	(NA)	(NA)	469	8 576	4 147	2 840				
Kerosene, motor oil, and grease	7 568	2 878	(NA)	(NA)	4 912	2 688	(NA)	(NA)				
Electricity	4 448	33 369	(NA)	(NA)	3 051	32 677	(NA)	(NA)				
Other—coal, wood, coke, etc.	261	160	(NA)	(NA)	182	127	(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	3 174	1 044 466	2 547	1 013 733	2 458	951 769
Cropland fertilized, except pasture	2 997	1 034 457	2 465	1 005 068	(NA)	938 660
Pasture and rangeland fertilized	334	10 009	184	8 665	(NA)	13 109
Lime	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	1 912	770 425	1 707	745 951	(NA)	628 634
Nematodes in crops	220	52 636	212	52 310	96	26 023
Diseases in crops and orchards	394	91 954	287	90 974	151	51 967
Weeds, grass, or brush in crops and pasture	1 621	637 110	1 426	618 031	(NA)	405 897
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1 039	430 397	957	419 872	459	208 735
Insect control on livestock and poultry	1 009	(X)	720	(X)	277	(X)
Sanitation and rodent and bird control	360	(X)	251	(X)	(NA)	(X)

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

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

	1970 and 1974 based on a sample of farms, see text				1978 and 1974				1978 and 1974				
	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		
	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974	1978	1974	
ALL MACHINERY AND EQUIPMENT													
Estimated market value of all machinery and equipment													
farms		\$1,000		farms		\$1,000		farms		\$1,000		\$1,000	
7 608	5 339	4 929	4 067	356 087	210 949	323 249	194 135	356 087	210 949	323 249	194 135	356 087	210 949
46 804	39 511	65 581	47 734										
Average per farm		dollars											
Farms by value group:													
\$1 to \$4,999													
1 518	919	734	517	1 518	919	734	517	1 518	919	734	517	1 518	919
2 227	1 105	770	565	2 227	1 105	770	565	2 227	1 105	770	565	2 227	1 105
1 106	1 004	858	779	1 106	1 004	858	779	1 106	1 004	858	779	1 106	1 004
Estimated market value of all machinery and equipment—Con.													
\$20,000 to \$29,999		\$20,000 to \$29,999		\$20,000 to \$29,999		\$20,000 to \$29,999		\$20,000 to \$29,999		\$20,000 to \$29,999		\$20,000 to \$29,999	
679	683	593	640	528	652	487	624	317	282	308	274	521	694
248	229	229	229	521	509	668	668	464	441	441	441	464	464
1978							1974						
All farms				Manufactured 1974 to 1978			Manufactured prior to 1974			1974			
Farms	Number			Farms	Number		Farms	Number		Farms	Number		Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT													
Automobiles													
3 420	5 572	2 017	2 976	1 913	2 596	3 543	5 669	3 997					
6 735	16 775	3 900	7 946	4 668	8 829	4 823	14 371	7 543					
4 779	12 749	1 615	3 791	4 207	8 958	3 977	12 214	4 041					
377	513	193	239	225	274	374	530	184					
62	70	44	49	20	21	20	23	9					
20	23	4	4	18	19	76	85	10					
822	1 789	483	968	478	821	(NA)	(NA)	(NA)					
750	841	321	367	440	474	359	427	130					
846	1 081	263	371	618	710	821	1 018	295					
Field forage harvesters, shear bar or flywheel type													
294	341	133	164	166	177	241	314	105					

Table 8. Hired Farm Workers: 1978 and 1974

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

Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Working 150 days or more		Working less than 150 days		1978	1974
	Any	Farms	Workers	Farms	Workers	
3 552 61 583	2 143 (X)	18 764	(X)	2 861 (X)	42 819	3 002 59 161
907 570 559 658 858	655 374 436 388 290	655 748 1 484 2 444 13 433		830 525 442 429 635	830 1 050 1 482 2 673 36 784	616 445 487 637 817
						541 298 390 485 773

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	5 499	(X)	3 639	(X)	3 241	(X)	2 515	(X)
Any cattle, hogs, or sheep	4 558	(X)	3 309	(X)	2 747	(X)	2 298	(X)
Sales:								
Any livestock or poultry and their products	5 082	658 218	3 516	580 247	3 136	635 444	2 460	562 541
Any cattle, hogs, or sheep	4 357	544 027	3 250	(NA)	2 805	524 899	2 315	494 266
CATTLE AND CALVES								
Inventory:								
Cattle and calves	4 064	1 265 896	3 114	1 217 769	2 584	1 133 464	2 155	1 091 410
Cows and heifers that had calved	3 210	390 632	2 538	409 682	2 106	318 048	1 801	338 196
Beef cows	2 732	318 678	2 210	351 647	1 804	247 463	1 576	281 192
Milk cows	938	71 954	792	58 035	586	70 585	541	57 004
Heifers and heifer calves	2 822	178 561	(NA)	(NA)	1 950	144 491	1 584	152 651
Steers, steer calves, bulls and bull calves	3 325	696 703	(NA)	(NA)	2 279	670 925	1 892	600 563
Sales:								
Cattle and calves	3 806	1 203 595	2 996	1 461 832	2 615	1 159 312	2 152	1 405 616
\$1,000.		509 810	(X)	(NA)		496 034	(X)	475 961
Calves	2 391	178 473	(NA)	(NA)	1 647	164 950	1 306	143 933
\$1,000.		37 970	(X)	(NA)		35 730	(X)	17 398
Cattle	2 907	1 025 122	(NA)	(NA)	2 131	994 362	1 809	1 261 683
\$1,000.		471 841	(X)	(NA)		460 304	(X)	458 563
Fattened cattle	486	640 627	(NA)	(NA)	313	639 579	211	1 052 888
\$1,000.		337 189	(X)	(NA)		336 734	(X)	406 195
Dairy products	239	93 518	(NA)	(NA)	205	92 219	174	58 227
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	1 158	192 146	512	101 922	386	155 415	304	99 654
Used or to be used for breeding	713	31 963	(NA)	(NA)	200	19 221	185	12 726
Other hogs and pigs	1 080	160 183	(NA)	(NA)	362	136 194	271	86 928
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	714	33 570	296	23 643	206	30 106	196	23 305
Dec. 1 of preceding year and May 31	638	17 575	225	11 941	188	14 755	163	11 766
June 1 and Nov. 30	325	15 995	246	11 702	159	15 351	168	11 539
Sheep and lambs	387	447 866	259	535 624	211	214 651	150	222 544
Ewes 1 year old or older	293	229 844	(NA)	(NA)	161	84 158	124	86 861
Goats	387	111 197	(NA)	(NA)	115	1 672	22	110
Horses and ponies	3 167	42 517	1 817	44 405	1 949	15 390	1 202	12 893
Sales:								
Hogs and pigs	827	197 169	390	151 287	335	189 800	241	149 032
\$1,000.		19 302	(X)	(NA)		18 689	(X)	11 720
Feeder pigs	137	14 830	124	9 388	70	13 604	68	8 408
\$1,000.		546	(X)	(NA)		512	(X)	186
Sheep and lambs	315	283 197	194	353 871	187	161 900	116	161 500
Sheep and lambs shorn	259	336 943	(NA)	(NA)	139	139 245	95	150 153
Pounds of wool	(X)	2 230 333	(X)	(NA)	(X)	1 123 215	(X)	1 202 728
Sheep, lambs, and wool	333	14 914	(NA)	(NA)	196	10 176	123	6 585
Goats	163	23 468	(NA)	(NA)	42	800	10	125
\$1,000.		426	(X)	(NA)		25	(X)	8
Horses and ponies	1 026	6 010	475	4 285	554	2 199	298	2 027
\$1,000.		9 795	(X)	(NA)		8 925	(X)	2 669
POULTRY								
Inventory:								
Any poultry	1 642	(X)	705	(X)	729	(X)	367	(X)
Chickens 3 months old or older	1 510	649 701	686	800 981	670	622 567	352	789 915
Hens and pullets of laying age	1 489	641 456	666	740 150	662	618 278	350	730 518
Pullets 3 months old or older	312	8 245	(NA)	(NA)	124	4 289	26	58 272
Pullet chicks and pullets under 3 months old	185	3 192	(NA)	(NA)	79	1 451	11	102
Broilers and other meat-type chickens	419	112 215	78	113 892	132	105 532	30	111 001
Turkeys	282	1 450	(NA)	(NA)	102	682	35	286
Turkeys for slaughter	238	1 174	(NA)	(NA)	92	575	26	256
Turkey hens kept for breeding	83	276	(NA)	(NA)	26	107	12	30
Other poultry	608	(X)	(NA)	(X)	177	(X)	56	(X)
Sales:								
Any poultry	361	(X)	141	(X)	183	(X)	70	(X)
Chickens 3 months old or older	188	448 399	117	555 732	99	438 651	55	552 407
Hens and pullets of laying age	184	447 984	105	481 667	97	438 377	52	(D)
Pullets 3 months old or older	17	415	(NA)	(NA)	11	274	1	(D)
Pullet chicks and pullets under 3 months old	11	504	(NA)	(NA)	4	181	1	(D)
Broilers and other meat-type chickens	30	(D)	24	553 127	12	(D)	4	550 407
Turkeys	40	(D)	(NA)	(NA)	24	(D)	3	5 108
Turkeys for slaughter	38	(D)	(NA)	(NA)	23	(D)	3	5 108
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	1	(D)	—	—
Other poultry	83	(X)	(NA)	(X)	45	(X)	12	(X)
Poultry and poultry products	429	7 549	225	6 461	212	7 465	105	6 422

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	352	50 040	(X)	344	48 549	256	45 033	(X)	253	43 998
	1974	217	21 177	(X)	(NA)	(NA)	165	11 868	(X)	159	11 640
For grain or seed (bushels)	1978	201	34 175	2 916 476	194	32 719	121	29 810	2 709 779	119	28 810
	1974	72	10 399	218 279	(NA)	(NA)	46	1 753	77 189	40	1 525
For silage or green chop (tons, green)	1978	164	(D)	287 109	163	(D)	146	(D)	281 634	145	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	116	10 093	194 303	116	10 093
For fodder, hogged or grazed	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	22	(X)	6	22
Sorghums for all purposes	1978	231	26 553	(X)	231	26 553	213	25 023	(X)	213	25 023
	1974	548	101 412	(X)	(NA)	(NA)	502	98 873	(X)	502	98 873
For grain or seed (bushels)	1978	181	22 016	1 578 209	181	22 016	168	20 535	1 532 825	168	20 535
	1974	449	93 217	7 024 313	(NA)	(NA)	434	91 395	6 943 780	434	91 395
For silage or green chop (tons, green)	1978	55	4 495	79 986	55	4 495	50	4 446	79 438	50	4 446
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	76	6 768	121 854	76	6 768
Cut for dry forage or hay (tons, dry)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	9	198	587	9	198
Hogged or grazed	1978	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	9	512	(X)	9	512
Wheat for grain (bushels)	1978	500	104 500	7 552 742	499	104 465	432	101 696	7 379 141	431	101 661
	1974	881	175 737	11 111 528	(NA)	(NA)	829	171 055	10 874 981	829	171 055
Oats for grain (bushels)	1978	24	1 370	90 472	21	960	17	1 216	85 909	14	806
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	27	1 605	117 336	27	1 605
Barley for grain (bushels)	1978	293	32 514	2 225 234	293	32 514	271	29 671	2 023 293	271	29 671
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	402	49 550	3 461 742	402	49 550
Rye for grain (bushels)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Other small grains for grain	1978	44	5 593	(X)	44	5 593	43	(D)	(X)	43	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	112	19 949	(X)	111	19 919
Soybeans for beans (bushels)	1978	24	3 929	94 359	22	3 689	19	3 860	92 993	17	3 620
	1974	15	726	15 415	(NA)	(NA)	12	706	14 956	11	556
Peanuts for nuts (pounds)	1978	12	824	2 247 394	12	824	11	(D)	(D)	11	(D)
	1974	5	476	1 310 707	(NA)	(NA)	4	(D)	(D)	4	475
Cotton (bales)	1978	1 294	569 950	1 152 165	1 294	569 950	1 273	560 116	1 134 196	1 273	560 116
	1974	1 143	401 301	936 790	(NA)	(NA)	1 124	393 542	919 072	1 124	393 542
Tobacco (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight)	1978	30	6 442	1 745 418	30	6 442	28	(D)	(D)	28	(D)
	1974	32	10 950	3 070 992	(NA)	(NA)	26	10 735	3 037 018	26	10 735
Sweetpotatoes (bushels)	1978	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
	1974	2	(D)	(D)	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	1 807	178 227	994 092	1 788	176 391	1 408	167 597	956 382	1 392	165 781
	1974	1 557	194 280	1 098 292	(NA)	(NA)	1 260	184 594	1 067 071	1 247	183 049
Alfalfa hay (tons, dry)	1978	1 579	154 112	937 819	1 579	154 112	1 250	145 139	902 498	1 250	145 139
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	1 135	161 697	1 004 342	1 135	161 697
Other tame dry hay (tons, dry) (see text)	1978	214	7 398	17 984	197	6 445	153	6 927	17 283	138	5 985
Field seed crops	1978	53	6 769	(X)	53	6 769	51	(D)	(X)	51	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	74	11 213	(X)	74	11 213
Alfalfa seed (pounds)	1978	16	1 079	380 213	16	1 079	15	(D)	(D)	15	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	25	2 384	462 626	25	2 384
Red clover seed (pounds)	1978	-	-	-	-	-	-	-	-	-	-
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text)	1978	442	70 566	(X)	442	70 566	324	68 569	(X)	324	68 569
	1974	303	54 005	(X)	(NA)	(NA)	209	52 561	(X)	207	52 559
Sweet corn	1978	100	1 022	(X)	100	1 022	39	406	(X)	39	406
	1974	(NA)	(NA)	(X)	(NA)	(NA)	20	193	(X)	20	193
Tomatoes	1978	32	30	(X)	32	30	22	26	(X)	22	26
	1974	(NA)	(NA)	(X)	(NA)	(NA)	15	349	(X)	14	349
Green peas excluding cowpeas	1978	5	(D)	(X)	5	(D)	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Land in orchards	1978	1 164	77 634	(X)	1 164	77 634	668	73 411	(X)	668	73 411
	1974	973	72 111	(X)	(NA)	(NA)	668	69 119	(X)	657	67 878
Apples (pounds)	1978	195	813	862 275	(NA)	(NA)	88	569	630 545	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	172	458 350	(NA)	(NA)
Peaches (pounds)	1978	212	1 022	3 237 844	(NA)	(NA)	84	792	3 048 544	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	40	805	1 372 534	(NA)	(NA)
Grapes (pounds) (see text)	1978	99	3 171	24 159 791	(NA)	(NA)	49	3 132	24 148 721	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	36	4 116	27 258 000	(NA)	(NA)
Berries	1978	6	4	(X)	5	2	4	(D)	(X)	3	(D)
	1974	5	4	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Strawberries (pounds)	1978	3	(D)	(D)	3	(D)	2	(D)	(D)	2	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products	1978	178	2 762	(X)	132	2 644	153	2 748	(X)	118	2 631
	1974	74	16 390	(X)	(NA)	(NA)	70	16 161	(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	151 795	(NA)	(NA)	338	103 425	(NA)	(NA)
Average size of farm	(X)	111	(X)	(NA)	(X)	306	(X)	(NA)
Approximate land area	(X)	(X)	(X)	—	(X)	(X)	(X)	—
Proportion in farms	percent	(X)	(X)	(NA)	(X)	(X)	(X)	(NA)
Value of land and buildings: ¹								
Average per farm	dollars	96 970	(X)	(NA)	155 322	(X)	(NA)	(X)
Average per acre	dollars	(X)	870	(X)	(X)	508	(X)	(NA)
Land in farms according to use:								
Total cropland	1 028	31 283	(NA)	(NA)	295	16 805	(NA)	(NA)
Harvested cropland	396	7 259	(NA)	(NA)	148	5 423	(NA)	(NA)
By acres harvested:								
1 to 9 acres	280	1 008	(NA)	(NA)	58	214	(NA)	(NA)
10 to 19 acres	21	282	(NA)	(NA)	10	130	(NA)	(NA)
20 to 29 acres	34	719	(NA)	(NA)	34	719	(NA)	(NA)
30 to 49 acres	31	945	(NA)	(NA)	26	795	(NA)	(NA)
50 to 99 acres	24	1 795	(NA)	(NA)	14	1 055	(NA)	(NA)
100 to 199 acres	—	—	(NA)	(NA)	—	—	(NA)	(NA)
200 to 499 acres	5	(D)	(NA)	(NA)	5	(D)	(NA)	(NA)
500 to 999 acres	1	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)
1,000 acres or more	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cropland used only for pasture	653	18 982	(NA)	(NA)	172	8 459	(NA)	(NA)
Other cropland	270	5 042	(NA)	(NA)	163	2 923	(NA)	(NA)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	26	62	(NA)	(NA)	21	42	(NA)	(NA)
Cropland on which all crops failed	75	2 225	(NA)	(NA)	50	1 478	(NA)	(NA)
Cropland in cultivated summer fallow	4	8	(NA)	(NA)	—	—	(NA)	(NA)
Cropland idle	190	2 747	(NA)	(NA)	113	1 403	(NA)	(NA)
Total woodland	11	155	(NA)	(NA)	5	135	(NA)	(NA)
Woodland pastured	5	135	(NA)	(NA)	5	135	(NA)	(NA)
Woodland not pastured	6	20	(NA)	(NA)	—	—	(NA)	(NA)
Other land	890	120 357	(NA)	(NA)	241	86 485	(NA)	(NA)
Pastureland and rangeland, other than cropland and woodland pastured	346	115 003	(NA)	(NA)	104	85 660	(NA)	(NA)
Land in house lots, ponds, roads, wasteland, etc.	784	5 354	(NA)	(NA)	197	825	(NA)	(NA)
Pastureland, all types	915	134 120	(NA)	(NA)	209	94 254	(NA)	(NA)
Irrigated land	667	14 841	(NA)	(NA)	245	11 418	(NA)	(NA)
Harvested cropland irrigated	396	7 259	(NA)	(NA)	148	5 423	(NA)	(NA)
Pastureland irrigated	262	6 682	(NA)	(NA)	74	5 130	(NA)	(NA)
Other land irrigated	101	900	(NA)	(NA)	87	865	(NA)	(NA)
Land set aside in the federal farm programs in 1978	1	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	1 362	6 312	(NA)	(NA)	338	5 219	(NA)	(NA)
Average per farm	(X)	4 634	(X)	(NA)	(X)	15 440	(X)	(NA)
Farms by value of agricultural products sold: ¹								
\$100,000 or more	6	1 545	(NA)	(NA)	6	1 545	(NA)	(NA)
\$40,000 to \$99,999	14	872	(NA)	(NA)	14	872	(NA)	(NA)
\$20,000 to \$39,999	31	923	(NA)	(NA)	31	923	(NA)	(NA)
\$10,000 to \$19,999	57	897	(NA)	(NA)	57	897	(NA)	(NA)
\$5,000 to \$9,999	66	395	(NA)	(NA)	66	395	(NA)	(NA)
\$2,500 to \$4,999	164	586	(NA)	(NA)	164	586	(NA)	(NA)
Less than \$2,500 (see text)	1 024	1 093	(NA)	(NA)	(X)	(X)	(NA)	(NA)
\$2,000 to \$2,499	80	172	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	340	544	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	248	290	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	356	87	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	—	—	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	240	2 125	(NA)	(NA)	129	2 035	(NA)	(NA)
Grains	5	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	16	1 317	(NA)	(NA)	16	1 317	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Field seeds, hay, forage, and silage	65	536	(NA)	(NA)	45	506	(NA)	(NA)
Vegetables, sweet corn, and melons	118	176	(NA)	(NA)	55	130	(NA)	(NA)
Fruits, nuts, and berries	34	35	(NA)	(NA)	10	23	(NA)	(NA)
Nursery and greenhouse products	4	15	(NA)	(NA)	4	15	(NA)	(NA)
Other crops	5	(D)	(NA)	(NA)	5	(D)	(NA)	(NA)
Livestock, poultry, and their products	1 119	4 187	(NA)	(NA)	305	3 184	(NA)	(NA)
Poultry and poultry products	151	31	(NA)	(NA)	84	10	(NA)	(NA)
Dairy products	21	534	(NA)	(NA)	15	530	(NA)	(NA)
Cattle and calves	709	2 278	(NA)	(NA)	272	1 860	(NA)	(NA)
Hogs and pigs	456	904	(NA)	(NA)	105	527	(NA)	(NA)
Sheep, lambs, and wool	56	139	(NA)	(NA)	19	133	(NA)	(NA)
Other livestock and livestock products (see text)	259	302	(NA)	(NA)	35	124	(NA)	(NA)

¹1974 data include sales of forest products.

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

Forms	1978							
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land	
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms
All forms	1 362	(NA)	151 795	396	36 870	7 259	667	106 532
Farms with—								
1 to 9 acres	610	(NA)	2 005	124	554	347	224	835
10 to 49 acres	445	(NA)	11 355	147	3 488	1 460	219	5 249
50 to 69 acres	9	(NA)	531	—	—	—	—	—
70 to 99 acres	86	(NA)	7 036	72	5 876	1 896	86	7 036
100 to 139 acres	49	(NA)	5 990	34	3 960	989	34	3 960
140 to 179 acres	15	(NA)	2 400	—	—	—	—	—
180 to 219 acres	4	(NA)	800	4	800	4	4	800
220 to 259 acres	4	(NA)	980	—	—	—	4	980
260 to 499 acres	53	(NA)	17 160	10	(D)	(D)	48	(D)
500 to 999 acres	35	(NA)	22 626	1	(D)	(D)	1	(D)
1,000 to 1,999 acres	48	(NA)	62 920	—	—	—	43	53 320
2,000 acres or more	4	(NA)	17 992	4	17 992	28	4	17 992

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

Forms	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	151 795	(NA)	(NA)	338	103 425	(NA)	(NA)	
Harvested cropland	396	7 259	(NA)	(NA)	148	5 423	(NA)	(NA)	
Tenure of operator:									
Full owners	969	44 701	(NA)	(NA)	256	28 973	(NA)	(NA)	
Harvested cropland	342	4 726	(NA)	(NA)	124	3 035	(NA)	(NA)	
Part owners	119	97 033	(NA)	(NA)	67	72 327	(NA)	(NA)	
Harvested cropland	29	693	(NA)	(NA)	19	638	(NA)	(NA)	
Tenants	274	10 061	(NA)	(NA)	15	2 125	(NA)	(NA)	
Harvested cropland	25	1 840	(NA)	(NA)	5	1 750	(NA)	(NA)	
Type of organization:									
Individual or family	1 313	148 781	(NA)	(NA)	319	102 930	(NA)	(NA)	
Partnership	35	2 524	(NA)	(NA)	5	5	(NA)	(NA)	
Corporation	9	90	(NA)	(NA)	9	90	(NA)	(NA)	
Other—cooperative, estate or trust, institutional, etc.	5	400	(NA)	(NA)	5	400	(NA)	(NA)	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	'1974	1978	'1974			1978	'1974	1978	'1974
Operators by principal occupation:									
Farming	214	(NA)	91	(NA)					
Other	1 148	(NA)	247	(NA)					
Operators by age group:									
Under 25 years	34	(NA)	4	(NA)					
25 to 34 years	421	(NA)	86	(NA)					
35 to 44 years	401	(NA)	136	(NA)					
45 to 54 years	308	(NA)	87	(NA)					
55 to 64 years	133	(NA)	15	(NA)					
65 years and over	65	(NA)	10	(NA)					
Average age	41.6	(NA)	40.2	(NA)					
Operators by place of residence:									
On farm operated	1 268	(NA)	300	(NA)					
Not on farm operated	65	(NA)	9	(NA)					
Not reported	29	(NA)	29	(NA)					
Operators reporting days of work off farm:									
None	246	(NA)	124	(NA)					
1 to 49 days	42	(NA)	33	(NA)					
50 to 99 days	—	(NA)	—	(NA)					
100 to 149 days	9	(NA)	9	(NA)					
150 to 199 days	33	(NA)	14	(NA)					
200 days or more	1 032	(NA)	158	(NA)					

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

Forms	All farms		Farms with sales of \$2,500 or more	
	1978		1974	
	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms
Livestock and poultry purchased	996	2 110	(NA)	(NA)
Feed for livestock and poultry	1 255	2 750	(NA)	(NA)
Commercially mixed formula feeds	871	1 187	(NA)	(NA)
Animal health costs	941	169	(NA)	(NA)
Seeds, bulbs, plants, and trees	407	177	(NA)	(NA)
Commercial fertilizer	341	223	(NA)	(NA)
Other agricultural chemicals including lime	141	100	(NA)	(NA)
Hired farm labor	237	459	(NA)	(NA)
Contract labor	101	115	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment	203	89	(NA)	(NA)
Energy and petroleum products	1 362	1 164	(NA)	(NA)
Petroleum products	1 358	647	(NA)	(NA)
Gasoline	1 317	357	(NA)	(NA)
Diesel fuel	188	152	(NA)	(NA)
LPG gas, butane, and propane	96	59	(NA)	(NA)
Fuel oil	5	(Z)	(NA)	(NA)
Natural gas	—	—	(NA)	(NA)
Kerosene, motor oil, and grease	1 358	79	(NA)	(NA)
Electricity	824	496	(NA)	(NA)
Other—coal, wood, coke, etc.	43	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		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	315	4 673	142	3 660	(NA)	(NA)
Cropland fertilized, except pasture	287	4 438	142	3 627	(NA)	(NA)
Pasture and rangeland fertilized	53	235	9	33	(NA)	(NA)
Lime	-	-	-	-	(NA)	(NA)
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	25	1 840	15	1 810	(NA)	(NA)
Nematodes in crops	-	-	-	-	(NA)	(NA)
Diseases in crops and orchards	35	207	9	169	(NA)	(NA)
Weeds, grass, or brush in crops and pasture	30	3 403	20	2 883	(NA)	(NA)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	12	1 862	6	1 796	(NA)	(NA)
Insect control on livestock and poultry	63	(X)	14	(X)	(NA)	(X)
Sanitation and rodent and bird control	10	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—					Estimated market value of all machinery and equipment—Con.			
farms \$1,000	1 358	(NA)	338	(NA)	\$20,000 to \$29,999			
Average per farm—	10 865	(NA)	5 064	(NA)	\$30,000 to \$49,999			
dollars	8 000	(NA)	14 981	(NA)	\$50,000 to \$69,999			
Farms by value group:					\$70,000 to \$99,999			
\$1 to \$4,999	610	(NA)	149	(NA)	\$100,000 to \$199,999			
\$5,000 to \$9,999	497	(NA)	53	(NA)	\$200,000 or more			
\$10,000 to \$19,999	151	(NA)	61	(NA)				
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	31	(NA)	10	(NA)				
\$30,000 to \$49,999	26	(NA)	26	(NA)				
\$50,000 to \$69,999	33	(NA)	33	(NA)				
\$70,000 to \$99,999	-	(NA)	-	(NA)				
\$100,000 to \$199,999	9	(NA)	5	(NA)				
\$200,000 or more	1	(NA)	1	(NA)				
1978								
1974								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	408	670	205	312	293	358	(NA)	(NA)
Motortrucks including pickups	1 187	1 502	409	463	907	1 039	(NA)	(NA)
Wheel tractors	598	793	87	89	532	704	(NA)	(NA)
Grain and bean combines, self-propelled only	4	4	4	4	-	-	(NA)	(NA)
Corn heads for combines	10	10	10	10	-	-	(NA)	(NA)
Other compickers and picker-shellers	-	-	-	-	-	-	(NA)	(NA)
Cottonpickers	6	6	6	6	-	-	(NA)	(NA)
Mower conditioners	61	61	19	19	42	42	(NA)	(NA)
Pickup bolters	77	77	-	-	77	77	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type	43	43	10	10	33	33	(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	237	24	(X)	227	(X)	131	(NA)
Workers	548	(X)	32	516	(X)	371	(NA)
Farms with—							
1 worker	114	18	18	113	113	74	(NA)
2 workers	65	5	(D)	61	122	4	(NA)
3 or 4 workers	23	1	(D)	19	57	18	(NA)
5 to 9 workers	30	-	-	29	174	30	(NA)
10 workers or more	5	-	-	5	50	5	(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	1 297	(X)	(NA)	(NA)	314	(X)	(NA)
Any cattle, hogs, or sheep	1 081	(X)	(NA)	(NA)	247	(X)	(NA)
Sales:							
Any livestock or poultry and their products	1 119	4 187	(NA)	(NA)	305	3 184	(NA)
Any cattle, hogs, or sheep	990	3 320	(NA)	(NA)	291	2 520	(NA)
CATTLE AND CALVES							
Inventory:							
Cattle and calves	832	16 314	(NA)	(NA)	243	10 560	(NA)
Cows and heifers that had calved	650	8 278	(NA)	(NA)	184	5 559	(NA)
Beef cows	528	5 829	(NA)	(NA)	139	3 434	(NA)
Milk cows	212	2 449	(NA)	(NA)	50	2 125	(NA)
Heifers and heifer calves	376	3 182	(NA)	(NA)	134	1 605	(NA)
Steers, steer calves, bulls and bull calves	518	4 854	(NA)	(NA)	192	3 396	(NA)
Sales:							
Cattle and calves	709	7 876	(NA)	(NA)	272	5 791	(NA)
\$1,000	(X)	2 278	(X)	(NA)	(X)	1 860	(X)
Calves	427	3 241	(NA)	(NA)	145	2 081	(NA)
\$1,000	(X)	552	(X)	(NA)	(X)	360	(X)
Cattle	421	4 635	(NA)	(NA)	199	3 710	(NA)
\$1,000	(X)	1 725	(X)	(NA)	(X)	1 500	(X)
Fattened cattle	124	635	(NA)	(NA)	74	491	(NA)
\$1,000	(X)	410	(X)	(NA)	(X)	363	(X)
Dairy products	21	534	(NA)	(NA)	15	530	(NA)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	634	36 412	(NA)	(NA)	104	4 382	(NA)
Used or to be used for breeding	435	12 374	(NA)	(NA)	35	444	(NA)
Other hogs and pigs	590	24 038	(NA)	(NA)	99	3 938	(NA)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	424	3 493	(NA)	(NA)	35	802	(NA)
Dec. 1 of preceding year and May 31	401	2 924	(NA)	(NA)	35	520	(NA)
June 1 and Nov. 30	115	569	(NA)	(NA)	25	282	(NA)
Sheep and lambs	75	280	(NA)	(NA)	19	64	(NA)
Ewes 1 year old or older	42	172	(NA)	(NA)	9	54	(NA)
Goats	211	771	(NA)	(NA)	36	107	(NA)
Horses and ponies	690	2 747	(NA)	(NA)	227	1 091	(NA)
Sales:							
Hogs and pigs	456	9 337	(NA)	(NA)	105	5 122	(NA)
\$1,000	(X)	904	(X)	(NA)	(X)	527	(X)
Feeder pigs	22	685	(NA)	(NA)	10	205	(NA)
\$1,000	(X)	30	(X)	(NA)	(X)	15	(X)
Sheep and lambs	56	2 169	(NA)	(NA)	19	2 080	(NA)
Sheep and lambs shorn	42	171	(NA)	(NA)	5	5	(NA)
Pounds of wool	1	454	(X)	(NA)	(X)	40	(X)
Sheep, lambs, and wool	56	139	(NA)	(NA)	19	133	(NA)
Goats	64	552	(NA)	(NA)	5	5	(NA)
\$1,000	(X)	18	(X)	(NA)	(X)	(Z)	(X)
Horses and ponies	237	992	(NA)	(NA)	35	72	(NA)
\$1,000	(X)	277	(X)	(NA)	(X)	124	(X)
POULTRY							
Inventory:							
Any poultry	682	(X)	(NA)	(NA)	182	(X)	(NA)
Chickens 3 months old or older	623	22 114	(NA)	(NA)	172	11 717	(NA)
Hens and pullets of laying age	619	17 357	(NA)	(NA)	172	8 572	(NA)
Pullets 3 months old or older	164	4 757	(NA)	(NA)	55	3 145	(NA)
Pullet chicks and pullets under 3 months old	96	1 187	(NA)	(NA)	30	535	(NA)
Broilers and other meat-type chickens	258	8 677	(NA)	(NA)	51	4 371	(NA)
Turkeys	163	656	(NA)	(NA)	45	187	(NA)
Turkeys for slaughter	142	555	(NA)	(NA)	45	187	(NA)
Turkey hens kept for breeding	30	101	(NA)	(NA)	—	—	(NA)
Other poultry	364	(X)	(NA)	(X)	57	(X)	(NA)
Sales:							
Any poultry	162	(X)	(NA)	(NA)	79	(X)	(NA)
Chickens 3 months old or older	91	5 840	(NA)	(NA)	48	4 550	(NA)
Hens and pullets of laying age	91	5 790	(NA)	(NA)	48	4 500	(NA)
Pullets 3 months old or older	5	50	(NA)	(NA)	5	50	(NA)
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	(NA)
Broilers and other meat-type chickens	5	5	(NA)	(NA)	5	5	(NA)
Turkeys	6	13	(NA)	(NA)	5	(D)	(NA)
Turkeys for slaughter	5	(D)	(NA)	(NA)	5	(D)	(NA)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	—	—	(NA)
Other poultry	25	(X)	(NA)	(X)	21	(X)	(NA)
Poultry and poultry products	\$1,000	151	31	(NA)	84	10	(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--	43	129	(X)	43	129	—	—	(X)	—	—
For grain or seed (bushels) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For silage or green chop (tons, green) -----	1978--	43	129	3 225	43	129	—	—	—	—	—
For fodder, hogged or grazed -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sorghums for all purposes -----	1978--	4	16	(X)	4	16	—	—	(X)	—	—
For grain or seed (bushels) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
For silage or green chop (tons, green) -----	1978--	4	16	1 712	4	16	—	—	—	—	—
Cut for dry forage or hay (tons, dry) -----	1978--	—	—	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hogged or grazed -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
Wheat for grain (bushels) -----	1978--	49	365	17 188	49	365	1	(D)	(D)	1	(D)
Oats for grain (bushels) -----	1978--	4	16	992	4	16	—	—	—	—	—
Barley for grain (bushels) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Rye for grain (bushels) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other small grains for grain -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)	(NA)
Soybeans for beans (bushels) -----	1978--	—	—	(NA)	—	—	—	—	—	—	—
Peanuts for nuts (pounds) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cotton (bales) -----	1978--	16	2 386	5 500	16	2 386	16	2 386	5 500	16	2 386
Tobacco (pounds) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Irish potatoes (hundredweight) -----	1978--	—	—	(NA)	—	—	—	—	—	—	—
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes (bushels) -----	1978--	—	—	(NA)	—	—	—	—	—	—	—
Hay crops (tons, dry) (see text) -----	1978--	176	3 683	11 860	176	3 683	93	2 376	10 264	93	2 376
Alfalfa hay (tons, dry) -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other tame dry hay (tons, dry) (see text) -----	1978--	135	2 320	10 038	135	2 320	70	1 450	8 689	70	1 450
Field seed crops -----	1978--	—	—	(X)	—	—	—	—	(X)	—	—
Alfalfa seed (pounds) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Red clover seed (pounds) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All vegetables harvested for sale (see text) -----	1978--	118	271	(X)	118	271	55	162	(X)	55	162
Sweet corn -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Tomatoes -----	1978--	43	65	(X)	43	65	—	—	(X)	—	—
Green peas excluding cowpeas -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Land in orchards -----	1978--	147	310	(X)	147	310	24	77	(X)	24	77
Apples (pounds) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(X)	(NA)	(NA)
Peaches (pounds) -----	1978--	39	39	700	(NA)	(NA)	5	1	—	(NA)	(NA)
Grapes (pounds) (see text) -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Berries -----	1978--	—	—	(X)	—	—	—	—	(X)	—	—
Strawberries (pounds) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Nursery and greenhouse products -----	1978--	4	8	(X)	4	8	4	8	(X)	4	8
Other crops -----	1978--	5	425	(X)	(NA)	(NA)	5	425	(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	232	6 481 084	217	6 138 726	156	1 605 964	157	1 520 990
Average size of farm	(X)	27 936	(X)	28 289	(X)	10 295	(X)	9 688
Approximate land area	(X)	7 149 440	(X)	7 149 440	(X)	7 149 440	(X)	7 149 440
Proportion in farms—percent	(X)	90.7	(X)	85.9	(X)	22.5	(X)	21.3
Value of land and buildings: ¹								
Average per farm—dollars	3 258	597	(X)	1 573 074	(X)	2 159 542	(X)	528 038
Average per acre—dollars	(X)	118	(X)	56	(X)	198	(X)	55
Land in farms according to use:								
Total cropland	156	46 093	128	38 577	101	14 712	93	11 910
Harvested cropland	107	8 205	91	10 958	73	3 694	67	4 190
By acres harvested:								
1 to 9 acres	28	112	11	(NA)	7	20	5	(NA)
10 to 19 acres	24	304	23	(NA)	18	243	12	(NA)
20 to 29 acres	9	191	19	(NA)	7	(D)	18	(NA)
30 to 49 acres	19	684	5	(NA)	19	684	5	(NA)
50 to 99 acres	16	1 168	13	(NA)	15	(D)	13	(NA)
100 to 199 acres	4	433	11	(NA)	3	(D)	10	(NA)
200 to 499 acres	4	1 180	3	(NA)	4	1 180	3	(NA)
500 to 999 acres	—	—	3	(NA)	—	—	1	(NA)
1,000 acres or more	3	4 133	3	(NA)	—	—	—	(NA)
Cropland used only for pasture	86	(D)	69	10 358	53	9 020	46	6 184
Other cropland	46	(D)	24	17 261	25	1 998	14	1 536
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	7	(D)	(NA)	(NA)	3	87	3	1 070
Cropland on which all crops failed	13	688	(NA)	(NA)	5	(D)	2	(D)
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Cropland idle	30	18 584	(NA)	(NA)	19	1 250	9	402
Total woodland	20	1 396 697	25	1 267 269	10	20 156	14	23 844
Woodland pastured	19	(D)	(NA)	(NA)	10	20 156	14	10 968
Woodland not pastured	1	(D)	(NA)	(NA)	—	—	3	12 876
Other land	183	5 038 294	184	4 832 880	131	1 571 096	133	1 485 236
Pastureland and rangeland, other than cropland and woodland pastured	157	4 988 144	(NA)	(NA)	121	1 566 215	116	1 458 839
Land in house lots, ponds, roads, wasteland, etc.	78	50 150	(NA)	(NA)	47	4 881	57	26 397
Pastureland, all types	209	6 403 126	(NA)	(NA)	149	1 595 391	(NA)	1 475 991
Irrigated land	135	20 906	101	15 782	98	9 551	76	8 197
Harvested cropland irrigated	98	(D)	(NA)	(NA)	68	3 284	62	3 422
Pastureland irrigated	70	11 802	(NA)	(NA)	51	6 242	(NA)	4 625
Other land irrigated	9	(D)	(NA)	(NA)	6	25	5	150
Land set aside in the federal farm programs in 1978	1	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	232	10 100	217	9 225	156	5 662	157	4 374
Average per farm—dollars	(X)	43 533	(X)	42 512	(X)	36 296	(X)	27 860
Markets by value of agricultural products sold: ¹								
\$100,000 or more	15	2 621	8	(NA)	15	2 621	8	(NA)
\$40,000 to \$99,999	25	1 623	14	(NA)	25	1 623	14	(NA)
\$20,000 to \$39,999	25	700	19	(NA)	25	700	19	(NA)
\$10,000 to \$19,999	29	400	28	(NA)	29	400	28	(NA)
\$5,000 to \$9,999	29	203	34	(NA)	29	203	34	(NA)
\$2,500 to \$4,999	33	114	47	(NA)	33	114	47	(NA)
Less than \$2,500 (see text)	64	73	56	(NA)	(X)	(X)	7	(NA)
\$2,000 to \$2,499	7	14	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,499	17	29	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	15	19	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	25	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	12	4 365	11	(NA)	(X)	(X)	(X)	(X)
Crops	38	414	29	665	28	255	(NA)	128
Grains	9	(D)	(NA)	(NA)	6	25	10	84
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	25	256	(NA)	(NA)	22	194	11	(D)
Vegetables, sweet corn, and melons	11	84	(NA)	(NA)	4	(D)	1	(D)
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	1	(D)	—	—
Nursery and greenhouse products	—	—	—	—	—	—	—	—
Other crops	—	—	(NA)	(NA)	—	—	—	—
Livestock, poultry, and their products	214	9 686	204	8 470	151	5 407	153	4 242
Poultry and poultry products	5	(D)	3	5	3	(D)	2	(D)
Dairy products	4	(D)	(NA)	(NA)	1	(D)	—	—
Cattle and calves	203	6 558	(NA)	(NA)	148	5 293	149	4 151
Hogs and pigs	6	42	(NA)	(NA)	3	(D)	3	(D)
Sheep, lambs, and wool	25	2 221	(NA)	(NA)	11	14	15	15
Other livestock and livestock products (see text)	29	818	(NA)	(NA)	12	16	16	73

¹1974 data include sales of forest products.

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

Farms	1978									
		Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
All farms	1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms	232	217	6 481 084	107	2 799 820	8 205	135	3 018 711	7 901	20 906
Farms with—										
1 to 9 acres	21	22	69	4	25	16	12	42	11	33
10 to 49 acres	27	16	661	16	465	138	16	448	136	236
50 to 69 acres	5	2	283	2	(D)	(D)	4	232	(D)	70
70 to 99 acres	13	5	1 054	8	644	291	10	804	291	386
100 to 139 acres	3	8	320	2	(D)	(D)	3	(D)	(D)	(D)
140 to 179 acres	7	12	1 102	2	(D)	(D)	2	(D)	(D)	(D)
180 to 219 acres	10	9	1 927	8	1 538	193	8	1 538	173	209
220 to 259 acres	6	3	1 405	5	1 180	249	5	1 180	249	386
260 to 499 acres	16	21	5 564	11	3 910	514	12	4 144	434	481
500 to 999 acres	16	15	10 972	10	6 933	461	12	8 568	461	616
1,000 to 1,999 acres	21	14	31 495	7	9 595	436	10	14 443	436	531
2,000 acres or more	87	90	6 426 232	32	2 774 912	5 769	41	2 986 712	5 652	17 760

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	232	6 481 084	217	6 138 726	156	1 605 964	157	1 520 990	
Harvested cropland	107	8 205	91	10 958	73	3 694	67	4 190	
Tenure of operator:									
Full owners	126	4 813 093	120	4 650 155	72	81 687	77	105 821	
Harvested cropland	66	6 248	(NA)	9 069	40	1 803	(NA)	2 374	
Part owners	92	1 441 831	77	1 352 388	76	1 411 373	66	1 280 034	
Harvested cropland	39	(D)	(NA)	1 863	32	(D)	(NA)	1 816	
Tenants	14	226 160	20	136 183	8	112 904	14	135 135	
Harvested cropland	2	(D)	(NA)	26	1	(D)	(NA)	—	
Type of organization:									
Individual or family	193	1 139 838	(NA)	(NA)	138	1 113 935	139	1 099 303	
Partnership	19	329 793	(NA)	(NA)	10	319 850	6	(D)	
Corporation	7	(D)	(NA)	(NA)	7	(D)	10	291 382	
Other—cooperative, estate or trust, institutional, etc.	13	(D)	(NA)	(NA)	1	(D)	2	(D)	
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more			
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974
Operators by principal occupation:									
Farming	74	75	68	63	116	79	74	64	
Other	158	119	88	82	85	82	57	62	
Operators by age group:									
Under 25 years	1	1	1	1	Not reported	31	33	25	19
25 to 34 years	27	12	10	8					
35 to 44 years	44	40	23	32					
45 to 54 years	52	61	39	40					
55 to 64 years	61	35	47	31					
65 years and over	47	45	36	33					
Average age	52.1	53.5	54.6	53.5	200 days or more	122	85	78	61

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	105	1 924	86	902	78	1 709	63	597
Feed for livestock and poultry	190	1 116	185	1 092	129	822	135	757
Commercially mixed formula feeds	59	229	154	669	51	202	119	617
Animal health costs	148	142	(NA)	(NA)	115	57	90	53
Seeds, bulbs, plants, and trees	83	75	50	68	36	24	35	14
Commercial fertilizer	86	47	43	48	45	28	27	26
Other agricultural chemicals including lime	44	37	31	28	38	15	23	7
Hired farm labor	134	1 276	87	1 241	101	591	66	514
Contract labor	15	40	15	14	14	(D)	10	12
Customwork, machine hire, and rental of machinery and equipment	73	49	35	98	26	39	25	38
Energy and petroleum products	231	566	(NA)	(NA)	143	372	(NA)	(NA)
Petroleum products	231	509	205	443	143	324	152	279
Gasoline	223	365	(NA)	(NA)	141	214	150	179
Diesel fuel	36	48	(NA)	(NA)	30	33	36	42
LP gas, butane, and propane	61	33	(NA)	(NA)	54	31	55	34
Fuel oil	10	2	(NA)	(NA)	10	2	150	24
Natural gas	15	25	(NA)	(NA)	3	22	150	(NA)
Kerosene, motor oil, and grease	231	37	(NA)	(NA)	143	22	(NA)	(NA)
Electricity	75	52	(NA)	(NA)	57	42	(NA)	(NA)
Other—coal, wood, coke, etc.	21	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						
Cropland fertilized, except pasture	85	2 344	45	1 438	27	1 111
Pasture and rangeland fertilized	81	2 269	41	1 363	(NA)	903
Lime	6	75	6	75	(NA)	208
Sprays, dusts, granules, fumigants, etc. to control	—	—	—	—	—	—
Insects on hay and other crops	13	3 542	10	1 220	(NA)	52
Nematodes in crops	—	—	—	—	—	—
Diseases in crops and orchards	1	(D)	—	—	—	—
Weeds, grass, or brush in crops and pasture	7	673	4	13	(NA)	(D)
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	—	—
Insect control on livestock and poultry	45	(X)	39	(X)	14	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms	231	196	143	144	19	30	18	29
\$1,000	5 376	3 803	2 793	2 144	14	9	14	8
Average per farm	23 275	19 403	19 532	14 889	2	1	2	1
Farms by value group:					2	1	1	1
\$1 to \$4,999	32	37	12	23	4	9	4	3
\$5,000 to \$9,999	98	66	41	43	6	—	—	—
\$10,000 to \$19,999	54	44	51	37	—	—	—	—
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	—	—	—	—	—	—	—	—
\$30,000 to \$49,999	—	—	—	—	—	—	—	—
\$50,000 to \$69,999	—	—	—	—	—	—	—	—
\$70,000 to \$99,999	—	—	—	—	—	—	—	—
\$100,000 to \$199,999	—	—	—	—	—	—	—	—
\$200,000 or more	—	—	—	—	—	—	—	—
1978								
All farms								
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Farms	Number	Farms	Number	Farms	Number			
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	96	153	42	70	62	83	120	281
Motortrucks including pickups	217	630	129	374	141	256	167	528
Wheel tractors	147	348	21	125	136	223	115	359
Grain and bean combines, self-propelled only	1	(D)	—	—	1	(D)	6	8
Corn heads for combines	—	—	—	—	—	—	2	(D)
Other compickers and picker-shellers	—	—	—	—	—	—	—	—
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	53	53	6	6	47	47	24	26
Pickup balers	45	71	9	23	38	48	42	60
Field forage harvesters, shear bar or flywheel type	1	(D)	—	—	1	(D)	4	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	134	50	(X)	100	(X)	101	66
Workers	545	(X)	137	(X)	408	270	371
Farms with—							
1 worker	74	26	26	52	52	54	17
2 workers	11	8	16	14	28	10	15
3 or 4 workers	28	12	39	19	63	22	12
5 to 9 workers	14	3	(D)	8	55	13	14
10 workers or more	7	1	(D)	7	210	2	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	215	(X)	205	(X)	147	(X)	152
Any cattle, hogs, or sheep	210	(X)	199	(X)	147	(X)	147
Sales:							
Any livestock or poultry and their products	214	9 686	204	8 470	151	5 407	153
Any cattle, hogs, or sheep	208	8 822	201	(NA)	150	(D)	150
CATTLE AND CALVES							
Inventory:							
Cattle and calves	207	57 750	195	53 926	146	29 939	146
Cows and heifers that had calved	181	32 142	180	34 978	131	17 696	134
Beef cows	177	32 053	175	34 835	131	17 629	130
Milk cows	40	89	46	143	26	67	107
Heifers and heifer calves	163	13 758	(NA)	(NA)	117	6 111	105
Steers, steer calves, bulls and bull calves	175	11 850	(NA)	(NA)	131	6 132	137
Sales:							
Cattle and calves	203	24 693	194	26 822	148	17 964	149
\$1,000	(X)	6 558	(X)	(NA)	(X)	5 293	(X)
Calves	147	11 242	(NA)	(NA)	111	7 944	106
Cattle	165	2 358	(X)	(NA)	122	10 020	124
\$1,000	(X)	13 451	(NA)	(NA)	(X)	3 357	(X)
Fattened cattle	13	4 200	(X)	(NA)	7	(D)	7
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)
Dairy products	4	1 000	(D)	(NA)	1	(D)	—
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	10	274	11	90	6	(D)	6
Used or to be used for breeding	4	16	(NA)	(NA)	3	(D)	3
Other hogs and pigs	9	258	(NA)	(NA)	5	(D)	4
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	5	56	6	11	4	(D)	5
Dec. 1 of preceding year and May 31	5	43	4	5	4	(D)	3
June 1 and Nov. 30	4	13	5	6	3	(D)	4
Sheep and lambs	25	131 418	29	137 423	11	560	13
Ewes 1 year old or older	21	76 777	(NA)	(NA)	8	184	13
Goats	10	65 188	(NA)	(NA)	2	(D)	1
Horses and ponies	132	10 045	105	10 072	95	553	73
Sales:							
Hogs and pigs	6	434	4	41	3	(D)	3
\$1,000	(X)	42	(X)	(NA)	(D)	(X)	(D)
Feeder pigs	2	(D)	—	—	1	(D)	—
\$1,000	(X)	(D)	(X)	(NA)	(D)	(X)	—
Sheep and lambs	23	78 224	31	85 742	10	380	15
Sheep and lambs shorn	22	108 666	(NA)	(NA)	9	358	11
Pounds of wool	(X)	609 373	(X)	(NA)	(X)	1 749	(X)
Sheep, lambs, and wool	25	2 221	(NA)	(NA)	11	14	15
Goats	8	5 359	(NA)	(NA)	—	—	—
Horses and ponies	26	623	23	579	11	30	15
\$1,000	(X)	55	(X)	(NA)	(X)	16	(X)
POULTRY							
Inventory:							
Any poultry	29	(X)	18	(X)	16	(X)	9
Chickens 3 months old or older	26	4 291	18	753	13	(D)	9
Hens and pullets of laying age	24	4 149	18	734	13	(D)	162
Pullets 3 months old or older	4	142	(NA)	(NA)	1	(D)	—
Pullet chicks and pullets under 3 months old	3	6	(NA)	(NA)	3	6	—
Broilers and other meat-type chickens	3	19	2	(D)	1	(D)	—
Turkeys	5	28	(NA)	(NA)	3	(D)	—
Turkeys for slaughter	5	16	(NA)	(NA)	3	(D)	—
Turkey hens kept for breeding	4	12	(NA)	(NA)	2	(D)	—
Other poultry	6	(X)	(NA)	(X)	2	(X)	(X)
Sales:							
Any poultry	3	(X)	3	(X)	2	(X)	2
Chickens 3 months old or older	3	(D)	3	154	2	(D)	2
Hens and pullets of laying age	3	(D)	3	152	2	(D)	2
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	—	—	—	—	—	—	—
Turkeys	—	—	(NA)	(NA)	—	—	—
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—
Other poultry	1	(X)	(NA)	(X)	—	(X)	(X)
Poultry and poultry products	\$1,000	5	(D)	3	3	(D)	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--	14	2 487	(X)	11	2 482	4	28	(X)	4	28	
1974--	8	1 785	(X)	(NA)	(NA)	3	28	(X)	-	-	-	
For grain or seed (bushels) -----	1978--	10	2 445	149 424	7	2 440	4	28	325	4	28	
1974--	8	1 785	34 328	(NA)	(NA)	3	28	1 084	-	-	-	
For silage or green chop (tons, green) -----	1978--	3	(D)	730	3	(D)	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	-	-	-	-	-	
For fodder, hogged or grazed -----	1978--	1	(D)	(X)	1	(D)	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(D)	-	-	(X)	-	-	
Sorghums for all purposes -----	1978--	6	377	(X)	6	377	6	377	(X)	6	377	
1974--	8	967	(X)	(NA)	(NA)	8	967	(X)	8	967		
For grain or seed (bushels) -----	1978--	6	(D)	15 584	6	(D)	6	(D)	15 584	6	(D)	
1974--	8	(D)	54 075	(NA)	(NA)	8	(D)	54 075	8	(D)		
For silage or green chop (tons, green) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	-	-	(D)	-	(D)	
Cut for dry forage or hay (tons, dry) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Wheat for grain (bushels) -----	1978--	8	309	11 499	8	309	5	55	3 764	5	55	
1974--	3	620	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)		
Oats for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Barley for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Rye for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Other small grains for grain -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Soybeans for beans (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	-	-	-	(NA)	(NA)	(NA)	-	-	-	-	-	
Peanuts for nuts (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	-	-	-	(NA)	(NA)	(NA)	-	-	-	-	-	
Cotton (bales) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	-	-	-	(NA)	(NA)	(NA)	-	-	-	-	-	
Tobacco (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	-	-	-	(NA)	(NA)	(NA)	-	-	-	-	-	
Irish potatoes (hundredweight) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	2	(D)	(D)	(NA)	(NA)	(NA)	-	-	-	-	-	
Sweetpotatoes (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	-	-	-	(NA)	(NA)	(NA)	-	-	-	-	-	
Hay crops (tons, dry) (see text) -----	1978--	90	4 840	12 971	85	4 426	66	3 210	7 378	61	2 800	
1974--	87	6 946	12 820	(NA)	(NA)	65	3 169	5 685	62	2 427		
Alfalfa hay (tons, dry) -----	1978--	73	3 201	10 287	73	3 201	55	1 862	5 388	55	1 862	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	53	1 765	4 254	53	1 765		
Other tame dry hay (tons, dry) (see text) -----	1978--	21	744	1 356	18	597	14	694	1 309	11	547	
Field seed crops -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Alfalfa seed (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Red clover seed (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
All vegetables harvested for sale (see text) -----	1978--	11	69	(X)	11	69	4	37	(X)	4	37	
1974--	6	315	(X)	(NA)	(NA)	1	(D)	(X)	-	-	-	
Sweet corn -----	1978--	7	17	(X)	7	17	4	16	(X)	4	16	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Tomatoes -----	1978--	1	(D)	(X)	1	(D)	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Green peas excluding cowpeas -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Land in orchards -----	1978--	15	77	(X)	15	77	6	5	(X)	6	5	
1974--	7	120	(X)	(NA)	(NA)	3	4	(X)	3	4		
Apples (pounds) -----	1978--	15	54	(D)	(NA)	(NA)	6	2	(D)	(NA)	(NA)	
1974--	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)	(NA)	
Peaches (pounds) -----	1978--	9	7	(D)	(NA)	(NA)	4	1	(D)	(NA)	(NA)	
1974--	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978--	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	
1974--	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)	
Berries -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	-	-	(X)	(NA)	(NA)	(NA)	-	-	(X)	-	-	
Strawberries (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Nursery and greenhouse products -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-	
1974--	1	(D)	(X)	(NA)	(NA)	(NA)	-	-	(X)	(NA)	(NA)	

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	719	2 272 274	721	2 112 344	555	2 184 375	535	2 033 985
Average size of farm	(X)	3 160	(X)	2 930	(X)	3 936	(X)	3 802
Approximate land area	(X)	4 003 840	(X)	4 003 840	(X)	4 003 840	(X)	4 003 840
Proportion in farms—percent	(X)	56.8	(X)	52.8	(X)	54.6	(X)	50.8
Value of land and buildings: ¹								
Average per farm—dollars	662	649	(X)	328 857	(X)	845 560	(X)	412 151
Average per acre—dollars	(X)	214		112		211		108
Land in farms according to use:								
Total cropland	441	133 327	466	149 556	331	125 722	350	139 333
Harvested cropland	333	78 079	362	98 251	271	77 387	303	97 816
By acres harvested:								
1 to 9 acres	76	267	59	(NA)	33	110	17	(NA)
10 to 19 acres	26	361	48	(NA)	17	237	36	(NA)
20 to 29 acres	15	321	7	(NA)	10	218	4	(NA)
30 to 49 acres	31	1 124	30	(NA)	29	(D)	28	(NA)
50 to 99 acres	25	1 746	34	(NA)	23	(D)	34	(NA)
100 to 199 acres	52	7 664	54	(NA)	51	(D)	54	(NA)
200 to 499 acres	59	18 711	76	(NA)	59	18 711	76	(NA)
500 to 999 acres	36	24 098	28	(NA)	36	24 098	28	(NA)
1,000 acres or more	13	23 787	26	(NA)	13	23 787	26	(NA)
Cropland used only for pasture	155	23 322	174	20 938	102	(D)	107	14 442
Other cropland	210	31 926	182	30 367	170	(D)	151	27 075
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	17	1 340	(NA)	(NA)	13	(D)	33	1 719
Cropland on which all crops failed	27	1 713	(NA)	(NA)	21	1 604	19	3 311
Cropland in cultivated summer fallow	44	6 484	(NA)	(NA)	43	(D)	37	10 218
Cropland idle	164	22 389	(NA)	(NA)	132	21 047	81	11 827
Total woodland	27	11 827	35	35 023	17	11 189	15	31 572
Woodland pastured	16	9 279	(NA)	(NA)	12	(D)	8	27 438
Woodland not pastured	15	2 548	(NA)	(NA)	8	(D)	7	4 134
Other land	615	2 127 120	598	1 927 765	479	2 047 464	460	1 863 080
Pastureland and rangeland, other than cropland and woodland pastured	400	2 105 977	(NA)	(NA)	329	2 027 894	293	1 834 997
Land in house lots, ponds, roads, wasteland, etc.	374	21 143	(NA)	(NA)	272	19 570	280	28 083
Pastureland, all types	501	2 138 578	(NA)	(NA)	382	2 054 946	(NA)	1 876 877
Irrigated land	381	89 360	398	110 485	293	86 270	317	109 367
Harvested cropland irrigated	333	77 524	(NA)	(NA)	271	76 832	294	97 674
Pastureland irrigated	93	8 258	(NA)	(NA)	60	6 234	(NA)	9 761
Other land irrigated	46	3 578	(NA)	(NA)	38	3 204	33	1 932
Land set aside in the federal farm programs in 1978	70	4 625	(X)	(X)	68	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	719	47 097	721	32 884	555	46 905	535	32 704
Average per farm—dollars	(X)	65 504	(X)	45 609	(X)	84 513	(X)	61 129
Farms by value of agricultural products sold: ¹								
\$100,000 or more	106	35 236	79	(NA)	106	35 236	79	(NA)
\$40,000 to \$99,999	101	6 913	85	(NA)	101	6 913	85	(NA)
\$20,000 to \$39,999	82	2 478	91	(NA)	82	2 478	91	(NA)
\$10,000 to \$19,999	93	1 332	89	(NA)	93	1 332	89	(NA)
\$5,000 to \$9,999	94	661	81	(NA)	94	661	81	(NA)
\$2,500 to \$4,999	79	284	90	(NA)	79	284	90	(NA)
Less than \$2,500 (see text)	162	(D)	205	(NA)	(X)	(X)	20	(NA)
\$2,000 to \$2,499	26	58	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	43	73	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	28	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	65	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	2	(D)	1	(NA)	(X)	(X)	(X)	(X)
Crops	257	23 506	314	23 388	229	23 477	(NA)	23 352
Grains	101	5 673	(NA)	(NA)	101	5 673	220	13 249
Commodity Credit Corporation loans	17	283	(NA)	(NA)	17	283	(NA)	(NA)
Cotton and cottonseed	118	11 285	(NA)	(NA)	117	(D)	107	6 459
Commodity Credit Corporation loans	16	199	(NA)	(NA)	16	199	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	80	1 242	(NA)	(NA)	74	1 230	50	1 383
Vegetables, sweet corn, and melons	70	3 850	(NA)	(NA)	56	3 842	17	789
Fruits, nuts, and berries	20	61	(NA)	(NA)	10	57	9	47
Nursery and greenhouse products	12	69	14	83	10	(D)	10	76
Other crops	5	1 326	(NA)	(NA)	5	1 326	11	1 349
Livestock, poultry, and their products	533	23 591	528	9 491	414	23 428	373	9 347
Poultry and poultry products	27	(D)	29	6	12	(D)	13	3
Dairy products	8	(D)	(NA)	(NA)	5	(D)	8	545
Cattle and calves	482	21 887	(NA)	(NA)	391	21 762	339	7 354
Hogs and pigs	47	1 260	(NA)	(NA)	30	1 251	40	1 364
Sheep, lambs, and wool	19	17	(NA)	(NA)	16	15	8	3
Other livestock and livestock products (see text)	94	197	(NA)	(NA)	71	173	38	77

¹1974 data include sales of forest products.

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

Farms		1978									
		Acres in farms	Farms with harvested cropland			Farms with irrigated land					
1978	1974		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
All farms		719	721	2 272 274	333	469 801	78 079	381	583 374	78 079	89 360
Farms with—											
1 to 9 acres		52	46	179	15	73	49	17	83	49	62
10 to 49 acres		75	98	2 064	44	1 355	489	53	1 551	489	727
50 to 69 acres		10	10	582	9	530	127	10	582	127	182
70 to 99 acres		45	43	3 696	32	2 631	730	38	3 145	730	1 103
100 to 139 acres		34	28	3 901	14	1 627	819	18	2 068	819	1 228
140 to 179 acres		44	43	6 937	23	3 577	1 746	29	4 544	1 746	2 128
180 to 219 acres		15	17	2 926	11	2 157	806	11	2 157	806	976
220 to 259 acres		26	16	6 271	13	3 151	1 836	15	3 641	1 836	1 938
260 to 499 acres		92	104	34 757	55	20 594	9 910	60	22 409	9 910	12 039
500 to 999 acres		86	71	60 943	59	41 366	22 923	62	43 516	22 923	23 475
1,000 to 1,999 acres		65	73	90 921	25	34 166	14 740	28	39 513	14 740	17 522
2,000 acres or more		175	172	2 059 097	33	358 574	23 904	40	460 165	23 904	27 980

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

	All farms				Farms with sales of \$2,500 or more				
	1978		1974		1978		1974		
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres	
Land in farms	719	2 272 274	721	2 112 344	555	2 184 375	535	2 033 985	
Harvested cropland	333	78 079	362	98 251	271	77 387	303	97 816	
Tenure of operator:									
Full owners	399	374 979	418	334 667	277	360 215	275	287 251	
Harvested cropland	203	29 491	(NA)	36 041	154	(D)	(NA)	35 669	
Part owners	261	1 655 518	229	1 607 560	229	1 589 605	202	1 580 556	
Harvested cropland	104	40 804	(NA)	47 025	92	40 639	(NA)	46 998	
Tenants	59	241 777	74	170 117	49	234 555	58	166 178	
Harvested cropland	26	(NA)	15 185	(D)	(NA)	(NA)	15 149		
Type of organization:									
Individual or family	591	1 281 167	(NA)	(NA)	447	1 196 245	451	1 264 962	
Partnership	86	446 829	(NA)	(NA)	69	443 976	55	327 649	
Corporation	37	523 321	(NA)	(NA)	36	(D)	24	400 711	
Other—cooperative, estate or trust, institutional, etc.	5	20 957	(NA)	(NA)	3	(D)	5	40 663	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974
Operators by principal occupation:									
Farming	372	400	329	355	On farm operated	521	420	391	313
Other	347	291	226	151	Not on farm operated	147	146	121	103
Operators by age group:					Not reported	51	125	43	90
Under 25 years	7	17	7	10	Operators reporting days of work off farm:				
25 to 34 years	81	51	64	40	None	309	286	271	238
35 to 44 years	161	117	130	82	1 to 49 days	52	36	43	26
45 to 54 years	192	200	144	155	50 to 99 days	14	19	11	12
55 to 64 years	176	186	130	138	100 to 149 days	26	18	19	14
65 years and over	102	120	80	81	150 to 199 days	48	26	35	9
Average age	50.2	52.2	50.0	51.9	200 days or more	242	190	153	105

*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	5 556	269	2 142	195	5 453	178	2 076
Feed for livestock and poultry	527	2 926	508	3 051	400	2 835	347	2 892
Commercially mixed formula feeds	142	756	372	1 184	125	752	286	1 098
Animal health costs	455	221	(NA)	(NA)	357	211	243	131
Seeds, bulbs, plants, and trees	285	818	309	682	227	806	257	676
Commercial fertilizer	276	2 670	310	2 936	222	2 648	276	2 930
Other agricultural chemicals including lime	270	1 320	214	679	228	1 311	200	678
Hired farm labor	347	4 675	300	2 962	302	4 622	273	2 951
Contract labor	92	667	52	340	92	667	51	(D)
Customwork, machine hire, and rental of machinery and equipment	208	1 415	240	855	180	1 371	205	842
Energy and petroleum products	714	5 148	(NA)	(NA)	527	5 046	(NA)	(NA)
Petroleum products	708	4 006	675	2 257	527	3 947	517	2 228
Gasoline	662	820	(NA)	(NA)	482	782	505	789
Diesel fuel	283	630	(NA)	(NA)	211	623	209	536
LP gas, butane, and propane	237	220	(NA)	(NA)	192	212	183	186
Fuel oil	9	3	(NA)	(NA)	9	3		
Natural gas	134	2 116	(NA)	(NA)	134	2 116		
Kerosene, motor oil, and grease	708	217	(NA)	(NA)	527	212	517	718
Electricity	464	1 121	(NA)	(NA)	305	1 079	(NA)	(NA)
Other—coal, wood, coke, etc.	8	20	(NA)	(NA)	8	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	253	75 171	206	74 592	276	89 674
Cropland fertilized, except pasture	243	73 362	202	72 903	(NA)	86 510
Pasture and rangeland fertilized	29	1 809	12	1 689	(NA)	3 164
Lime	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	143	49 963	134	49 932	(NA)	42 938
Nematodes in crops	2	(D)	2	(D)	—	—
Diseases in crops and orchards	21	4 974	21	4 974	5	614
Weeds, grass, or brush in crops and pasture	161	72 250	134	71 302	(NA)	30 627
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	18	5 202	12	5 106	4	586
Insect control on livestock and poultry	83	(X)	57	(X)	31	(X)
Sanitation and rodent and bird control	31	(X)	13	(X)	(NA)	(X)

Chemicals for—

Defoliation or for growth control of crops or thinning of fruit

Insect control on livestock and poultry

Sanitation and rodent and bird control

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more							
	1978		1974		1978		1974							
	Farms	Number	Farms	Number	Farms	Number	Farms	Number						
ALL MACHINERY AND EQUIPMENT														
Estimated market value of all machinery and equipment—														
farms—		720	668	533	512	57	80	32						
\$1,000—		26 381	18 355	24 803	17 203	114	84	114						
Average per farm—		36 641	27 478	46 535	33 600	33	22	33						
Form by value group:						21	21	22						
\$1 to \$4,999		114	153	76	99	29	52	29						
\$5,000 to \$9,999		218	146	102	80	100	100	100						
\$10,000 to \$19,999		102	131	94	101	\$200,000 or more	32	32						
ALL MACHINERY AND EQUIPMENT—Con.														
Estimated market value of all machinery and equipment—Con.														
\$20,000 to \$29,999														
\$30,000 to \$49,999														
\$50,000 to \$69,999														
\$70,000 to \$99,999														
\$100,000 to \$199,999														
\$200,000 or more														
1978														
All farms														
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		1974								
Farms		Number		Farms		Farms		Manufactured						
Number		Number		Number		Number		1970 to 1974						
SELECTED MACHINERY AND EQUIPMENT														
Automobiles														
Motortrucks including pickups		345	459	216	247	165	212	432						
Wheel tractors		651	1 340	346	537	473	803	613						
Grain and bean combines, self-propelled only		399	817	96	213	366	604	467						
Corn heads for combines		45	55	17	22	29	33	83						
Other cornpickers and picker-shellers		20	23	14	17	6	6	106						
Cottonpickers		15	16	1	(D)	14	(D)	3						
Mower conditioners		69	133	35	69	46	64	(NA)						
Pickup balers		60	73	20	20	40	53	23						
Field forage harvesters, shear bar or flywheel type		56	59	6	7	50	52	61						
		14	19	6	10	8	9	22						
								26						
								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	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	347	187	(X)	254	(X)	302	273
Workers	2 403	(X)	562	(X)	1 841	2 351	2 037
Farms with—							
1 worker	135	92	92	92	92	97	95
2 workers	69	39	78	60	120	62	40
3 or 4 workers	38	25	87	36	123	38	52
5 to 9 workers	55	26	161	24	134	55	43
10 workers or more	50	5	144	42	1 372	50	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	562	(X)	547	(X)	432	(X)	380	(X)
Any cattle, hogs, or sheep	513	(X)	519	(X)	402	(X)	368	(X)
Sales:								
Any livestock or poultry and their products	\$1,000		533	23 591	528	9 491	414	23 428
Any cattle, hogs, or sheep	\$1,000		508	23 163	504	(NA)	406	23 029
CATTLE AND CALVES								
Inventory:								
Cattle and calves	490	87 342	484	81 333	386	85 618	339	78 080
Cows and heifers that had calved	434	42 815	409	46 276	348	41 927	300	44 499
Beef cows	408	42 523	386	45 593	330	41 669	286	43 870
Milk cows	90	292	83	683	67	258	54	629
Heifers and heifer calves	392	14 605	(NA)	(NA)	316	14 166	253	13 135
Steers, steer calves, bulls and bull calves	423	29 922	(NA)	(NA)	344	29 525	298	20 446
Sales:								
Cattle and calves	482	65 462	469	38 028	391	64 857	339	37 252
\$1,000	(X)	21 887	(X)	(NA)	(X)	21 762	(X)	7 354
Calves	336	21 426	(NA)	(NA)	276	21 081	237	18 230
Cattle	385	5 328	(X)	(NA)	(X)	5 276	(X)	2 436
\$1,000	(X)	44 036	(NA)	(NA)	321	43 776	274	19 022
Fattened cattle	37	16 559	(X)	(NA)	(X)	16 486	(X)	4 918
Dairy products	8	3 808	(NA)	(NA)	32	3 776	18	2 391
\$1,000	(X)	2 501	(X)	(NA)	(X)	2 495	(X)	687
HOGS, SHEEP, GOATS, AND HORSES						5	8	545
Inventory:								
Hogs and pigs	72	11 953	77	12 324	39	11 530	52	12 164
Used or to be used for breeding	32	1 438	(NA)	(NA)	17	1 372	35	1 860
Other hogs and pigs	69	10 515	(NA)	(NA)	36	10 158	52	10 304
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	35	2 157	46	3 010	19	2 095	36	2 988
Dec. 1 of preceding year and May 31	25	1 100	24	1 513	18	1 074	18	1 506
June 1 and Nov. 30	26	1 057	43	1 497	12	1 021	33	1 482
Sheep and lambs	24	359	20	290	19	271	12	228
Ewes 1 year old or older	17	263	(NA)	(NA)	13	210	11	123
Goats	14	245	(NA)	(NA)	7	223	2	(D)
Horses and ponies	336	1 721	272	1 580	257	1 434	194	1 304
Sales:								
Hogs and pigs	47	12 816	53	17 065	30	12 678	40	16 963
\$1,000	(X)	1 260	(X)	(NA)	(X)	1 251	(X)	1 364
Feeder pigs	8	(D)	31	1 325	6	(D)	24	1 259
Sheep and lambs	19	274	11	141	(X)	(X)	(X)	25
Sheep and lambs shorn	12	236	(NA)	(NA)	16	243	8	120
Pounds of wool	(X)	2 123	(X)	(NA)	10	(D)	6	121
Sheep, lambs, and wool	19	17	(NA)	(NA)	16	(D)	(X)	738
Goats	4	39	(NA)	(NA)	1	(D)	2	(D)
Horses and ponies	71	185	(X)	(NA)	(X)	(D)	(X)	107
\$1,000	(X)	136	(X)	(NA)	(X)	(X)	(X)	63
POULTRY								
Inventory:								
Any poultry	139	(X)	122	(X)	99	(X)	76	(X)
Chickens 3 months old or older	125	3 312	120	3 178	86	2 153	75	2 197
Hens and pullets of laying age	125	3 153	115	2 814	86	2 100	74	1 990
Pullets 3 months old or older	12	159	(NA)	(NA)	6	53	3	34
Pullet chicks and pullets under 3 months old	15	137	(NA)	(NA)	12	71	1	(D)
Broilers and other meat-type chickens	27	369	10	389	15	131	7	339
Turkeys	18	107	(NA)	(NA)	7	51	5	35
Turkeys for slaughter	16	77	(NA)	(NA)	6	32	3	25
Turkey hens kept for breeding	10	30	(NA)	(NA)	4	19	3	10
Other poultry	28	(X)	(NA)	(X)	16	(X)	7	(X)
Sales:								
Any poultry	15	(X)	12	(X)	7	(X)	4	(X)
Chickens 3 months old or older	5	248	11	462	3	(D)	4	228
Hens and pullets of laying age	5	(D)	11	393	3	(D)	4	214
Pullets 3 months old or older	1	(D)	(NA)	(NA)	—	—	—	—
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	—	—	—	—
Broilers and other meat-type chickens	3	(D)	2	(D)	—	—	—	—
Turkeys	6	32	(NA)	(NA)	—	(D)	—	—
Turkeys for slaughter	6	32	(NA)	(NA)	1	(D)	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	5	(X)	(NA)	(X)	3	(X)	—	(X)
Poultry and poultry products	\$1,000		27	(D)	29	6	12	13
								3

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--	87	21 211	(X)	87	21 211	83	21 200	(X)	83	21 200
For grain or seed (bushels) -----	1974--	26	2 553	(X)	(NA)	(NA)	22	2 541	(X)	21	2 536
For silage or green chop (tons, green) -----	1978--	68	18 404	1 664 425	68	18 404	64	18 393	1 663 918	64	18 393
For silage or green chop (tons, green) -----	1974--	14	486	25 869	(NA)	(NA)	12	(D)	(D)	11	(D)
For fodder, hogged or grazed -----	1978--	24	2 807	45 501	(NA)	(NA)	24	2 807	45 501	24	2 807
For fodder, hogged or grazed -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	9	2 059	38 117	9	2 059
Sorghums for all purposes-----	1978--	51	5 793	(X)	51	5 793	50	(D)	(X)	50	(D)
For grain or seed (bushels) -----	1974--	151	42 119	(X)	(NA)	(NA)	149	(D)	(X)	149	42 103
For silage or green chop (tons, green) -----	1978--	42	5 570	504 542	42	5 570	42	5 570	504 542	42	5 570
Cut for dry forage or hay (tons, dry) -----	1978--	142	41 507	3 309 459	(NA)	(NA)	142	41 507	3 309 459	142	41 507
Hogged or grazed -----	1978--	8	201	3 303	8	201	7	(D)	(D)	7	(D)
Hogged or grazed -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(X)	1	(D)
Wheat for grain (bushels) -----	1978--	15	1 370	65 824	15	1 370	15	1 370	65 824	15	1 370
Oats for grain (bushels) -----	1978--	145	15 097	708 271	(NA)	(NA)	141	15 054	706 874	141	15 054
Barley for grain (bushels) -----	1978--	6	465	32 575	5	295	6	465	32 575	5	295
Rye for grain (bushels) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	11	366	23 961	11	366
Other small grains for grain -----	1978--	8	511	25 810	8	511	8	511	25 810	8	511
Soybeans for beans (bushels) -----	1978--	1	(D)	(D)	(NA)	(NA)	41	2 754	158 938	41	2 754
Peanuts for nuts (pounds) -----	1978--	2	(D)	(D)	(NA)	(NA)	-	-	-	-	(D)
Cotton (bales) -----	1978--	118	30 581	36 030	118	30 581	117	(D)	(D)	117	(D)
Tobacco (pounds) -----	1978--	108	21 900	28 533	(NA)	(NA)	107	(D)	(D)	107	21 890
Irish potatoes (hundredweight) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
Sweetpotatoes (bushels) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text) -----	1978--	124	9 036	32 947	124	8 851	107	8 880	32 443	107	8 695
Alfalfa hay (tons, dry) -----	1974--	108	8 836	45 128	(NA)	(NA)	84	8 580	44 536	81	8 488
Other tame dry hay (tons, dry) (see text) -----	1978--	106	6 172	26 391	106	6 172	90	6 041	25 940	90	6 041
Field seed crops -----	1978--	1	(D)	(D)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(X)	1	(D)
Red clover seed (pounds) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text) -----	1978--	70	4 599	(X)	70	4 599	56	4 569	(X)	56	4 569
Sweet corn -----	1974--	31	1 058	(X)	(NA)	(NA)	17	1 036	(X)	17	1 036
Tomatoes -----	1978--	14	183	(X)	14	183	10	178	(X)	10	178
Green peas excluding cowpeas -----	1978--	7	4	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Land in orchards -----	1978--	77	2 076	(X)	77	2 076	38	1 590	(X)	38	1 590
Apples (pounds) -----	1974--	39	275	(X)	(NA)	(NA)	16	225	(X)	16	225
Peaches (pounds) -----	1978--	44	441	205 785	(NA)	(NA)	24	(D)	195 075	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	35	72	277 330	(NA)	(NA)	19	22 850	(NA)	(NA)	(NA)
Berries -----	1978--	15	3	2 808	(NA)	(NA)	5	51	275 650	(NA)	(NA)
Strawberries (pounds) -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	70	347 067	(NA)	(NA)	(NA)
Nursery and greenhouse products -----	1978--	12	4	(X)	(NA)	(NA)	8	1 118	(NA)	9	(D)
Other crops -----	1978--	9	3 767	(X)	(NA)	(NA)	1	(D)	(NA)	(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	5 865 720	125	5 835 917	105	2 112 308	77	2 206 014
Average size of farm	(X)	39 367	(X)	46 687	(X)	20 117	(X)	28 650
Approximate land area	(X)	11 865 600	(X)	11 865 600	(X)	11 865 600	(X)	11 865 600
Proportion in farms, percent	(X)	49.4	(X)	49.2	(X)	17.8	(X)	18.6
Value of land and buildings: ¹								
Average per farm	2 684 881	(X)	1 911 208	(X)	1 276 615	(X)	1 058 896	(X)
Average per acre		68		41		68		37
Land in farms according to use:								
Total cropland	51	9 079	54	12 283	29	(D)	26	7 028
Harvested cropland	25	(D)	26	1 542	14	(D)	12	445
By acres harvested:								
1 to 9 acres	8	32	7	(NA)	5	28	3	(NA)
10 to 19 acres	6	76	7	(NA)	2	(D)	2	(NA)
20 to 29 acres	4	92	1	(NA)	4	92	—	(NA)
30 to 49 acres	2	(D)	3	(NA)	2	(D)	3	(NA)
50 to 99 acres	2	(D)	4	(NA)	1	(D)	3	(NA)
100 to 199 acres	—	—	2	(NA)	—	—	1	(NA)
200 to 499 acres	3	866	2	(NA)	—	—	—	(NA)
500 to 999 acres	—	—	—	(NA)	—	—	—	(NA)
1,000 acres or more	—	—	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	30	(D)	37	7 376	17	(D)	19	6 333
Other cropland	12	3 412	10	3 365	6	313	5	260
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	—	—	(NA)	(NA)	—	—	—	—
Cropland on which all crops failed	4	223	(NA)	(NA)	2	(D)	1	(D)
Cropland in cultivated summer fallow	—	—	(NA)	(NA)	—	—	2	(D)
Cropland idle	8	3 189	(NA)	(NA)	4	(D)	2	(D)
Total woodland	21	473 750	16	470 490	14	(D)	3	25 320
Woodland pastured	16	(D)	(NA)	(NA)	12	(D)	3	25 320
Woodland not pastured	9	(D)	(NA)	(NA)	5	34	—	—
Other land	135	5 382 891	103	5 353 144	99	2 075 756	66	2 173 656
Pastureland and rangeland, other than cropland and woodland pastured	89	5 074 360	(NA)	(NA)	69	2 071 959	48	2 158 941
Land in house lots, ponds, roads, wasteland, etc.	86	308 531	(NA)	(NA)	57	3 797	39	14 715
Pastureland, all types	104	5 507 372	(NA)	(NA)	76	2 107 874	(NA)	2 190 594
Irrigated land	32	2 520	27	2 980	20	1 421	13	1 121
Harvested cropland irrigated	24	(D)	(NA)	(NA)	13	269	11	385
Pastureland irrigated	14	1 295	(NA)	(NA)	11	1 152	(NA)	736
Other land irrigated	2	(D)	(NA)	(NA)	—	—	—	—
Land set aside in the federal farm programs in 1978	1	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	149	16 627	125	7 805	105	14 666	77	4 731
Average per farm	(X)	111 594	(X)	62 440	(X)	139 675	(X)	61 442
Farms by value of agricultural products sold: ¹								
\$100,000 or more	19	13 266	12	(NA)	19	13 266	12	(NA)
\$40,000 to \$99,999	10	656	11	(NA)	10	656	11	(NA)
\$20,000 to \$39,999	15	387	5	(NA)	15	387	5	(NA)
\$10,000 to \$19,999	5	72	9	(NA)	5	72	9	(NA)
\$5,000 to \$9,999	29	192	23	(NA)	29	192	23	(NA)
\$2,500 to \$4,999	27	93	11	(NA)	27	93	11	(NA)
Less than \$2,500 (see text)	37	40	47	(NA)	(X)	(X)	6	(NA)
\$2,000 to \$2,499	5	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	4	7	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	14	16	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	14	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	7	1 922	7	(NA)	(X)	(X)	(X)	(X)
Crops	11	47	17	235	8	43	(NA)	60
Grains	—	—	(NA)	(NA)	—	—	2	(D)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	—
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	2	(D)	(NA)	(NA)	2	(D)	3	34
Vegetables, sweet corn, and melons	6	32	(NA)	(NA)	5	(D)	1	(D)
Fruits, nuts, and berries	4	(D)	(NA)	(NA)	2	(D)	4	18
Nursery and greenhouse products	—	—	—	—	—	—	—	—
Other crops	—	—	(NA)	(NA)	—	—	—	—
Livestock, poultry, and their products	139	16 580	110	7 571	103	14 622	71	4 671
Poultry and poultry products	10	3	4	10	5	(D)	—	—
Dairy products	—	—	(NA)	(NA)	—	—	—	—
Cattle and calves	125	14 636	(NA)	(NA)	97	13 772	62	3 602
Hogs and pigs	11	20	(NA)	(NA)	5	16	1	(D)
Sheep, lambs, and wool	27	1 639	(NA)	(NA)	18	(D)	9	(D)
Other livestock and livestock products (see text)	44	281	(NA)	(NA)	29	65	12	50

¹1974 data include sales of forest products.

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

Farms	1978										
		Farms with harvested cropland			Farms with irrigated land						
		1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms	149	125	5 865 720	25	3 246 377	1 286		32	3 414 602	1 281	2 520
Farms with—											
1 to 9 acres	39	29	78	2	(D)	(D)		3	8	(D)	5
10 to 49 acres	16	11	(D)	4	118	74		4	118	74	82
50 to 69 acres	2	1	(D)	2	(D)	(D)		2	(D)	(D)	(D)
70 to 99 acres	6	5	473	3	237	56		5	393	56	141
100 to 139 acres	4	2	444	2	(D)	(D)		2	(D)	(D)	(D)
140 to 179 acres	8	10	1 238	—	—	—		1	(D)	—	(D)
180 to 219 acres	6	5	1 152	—	—	—		—	—	—	—
220 to 259 acres	—	2	—	—	—	—		—	—	—	—
260 to 499 acres	8	6	2 632	1	(D)	(D)		—	—	—	—
500 to 999 acres	19	12	12 550	—	—	—		2	(D)	—	(D)
1,000 to 1,999 acres	9	6	12 508	4	5 542	114		4	5 542	114	100
2,000 acres or more	32	36	5 834 114	7	3 239 824	1 004		9	3 406 607	1 004	2 000

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	5 865 720	125	5 835 917	105	2 112 308	77	2 206 014	
Harvested cropland	25	1 286	26	1 542	14	290	12	445	
Tenure of operator:									
Full owners	110	3 859 177	81	3 798 414	70	(D)	41	170 736	
Harvested cropland	20	1 124	(NA)	1 234	9	128	(NA)	157	
Part owners	28	1 141 112	34	1 116 020	25	1 140 749	30	1 114 912	
Harvested cropland	5	162	(NA)	308	5	162	(NA)	288	
Tenants	11	865 431	10	921 483	10	(D)	6	920 366	
Harvested cropland	—	—	(NA)	—	—	—	(NA)	—	
Type of organization:									
Individual or family	114	262 147	(NA)	(NA)	80	254 298	53	342 297	
Partnership	7	148 500	(NA)	(NA)	7	148 500	8	(D)	
Corporation	16	1 710 256	(NA)	(NA)	14	(D)	15	1 779 110	
Other—cooperative, estate or trust, institutional, etc.	12	3 744 817	(NA)	(NA)	4	(D)	1	(D)	
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		All farms	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	57	42	49	24	86	42	56	21	
Other	92	60	56	37	37	37	30	28	
Operators by age group:					Not reported	26	23	19	12
Under 25 years	1	—	1	—	Operators by place of residence:				
25 to 34 years	10	10	3	3	On farm operated	86	42	56	21
35 to 44 years	20	16	12	6	Not on farm operated	37	37	30	28
45 to 54 years	39	31	33	24	Not reported	26	23	19	12
55 to 64 years	47	26	32	18	Operators reporting days of work off farm:				
65 years and over	32	19	24	10	None	45	25	37	13
Average age	53.6	53.5	54.7	54.8	1 to 49 days	15	3	11	3
					50 to 99 days	8	5	7	5
					100 to 149 days	5	2	4	1
					150 to 199 days	14	7	11	4
					200 days or more	59	35	33	21

*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	3 171	67	2 576	49	2 692	42	2 087
Feed for livestock and poultry	134	2 190	105	1 614	106	1 779	67	1 140
Commercially mixed formula feeds	32	588	71	718	28	494	50	676
Animal health costs	107	106	(NA)	(NA)	87	41	53	33
Seeds, bulbs, plants, and trees	11	11	14	8	8	4	2	(D)
Commercial fertilizer	14	2	19	22	9	2	11	3
Other agricultural chemicals including lime	17	2	16	12	12	1	10	4
Hired farm labor	68	1 049	55	653	60	917	44	541
Contract labor	7	59	7	35	7	59	6	(D)
Customwork, machine hire, and rental of machinery and equipment	13	41	20	57	7	1	9	22
Energy and petroleum products	148	499	(NA)	(NA)	112	342	(NA)	(NA)
Petroleum products	148	441	119	339	112	289	76	204
Gasoline	144	304	(NA)	(NA)	108	189	61	125
Diesel fuel	34	56	(NA)	(NA)	32	(D)	18	28
LP gas, butane, and propane	34	49	(NA)	(NA)	24	41	25	31
Fuel oil	3	(D)	(NA)	(NA)	3	(D)	—	—
Natural gas	2	(D)	(NA)	(NA)	1	(D)	74	20
Kerosene, motor oil, and grease	148	29	(NA)	(NA)	112	14	(NA)	(NA)
Electricity	50	54	(NA)	(NA)	41	48	(NA)	(NA)
Other—coal, wood, coke, etc.	18	5	(NA)	(NA)	13	4	(NA)	(NA)

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

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

	All farms		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	96	9	(D)	11	195
Cropland fertilized, except pasture-----	11	96	9	(D)	(NA)	99
Pasture and rangeland fertilized-----	-	-	-	-	(NA)	96
Lime-----	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control-----						
Insects on hay and other crops-----	6	146	4	(D)	(NA)	7
Nematodes in crops-----	-	-	-	-	-	-
Diseases in crops and orchards-----	-	-	-	-	3	11
Weeds, grass, or brush in crops and pasture-----	4	16	1	(D)	(NA)	5
Chemicals for-----						
Defoliation or for growth control of crops or thinning of fruit-----	-	-	-	-	1	(D)
Insect control on livestock and poultry-----	30	(X)	27	(X)	5	(X)
Sanitation and rodent and bird control-----	12	(X)	11	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment-----								
farms-----	148	108	112	70	\$20,000 to \$29,999-----	13	17	11
\$1,000-----	4 186	2 934	2 389	1 597	\$30,000 to \$49,999-----	12	10	12
Average per farm-----	28 283	27 167	21 329	22 814	\$50,000 to \$69,999-----	1	1	1
Farms by value group:					\$70,000 to \$99,999-----	3	7	3
\$1 to \$4,999-----	25	23	20	12	\$100,000 to \$199,999-----	2	2	2
\$5,000 to \$9,999-----	52	29	30	12	\$200,000 or more-----	5	7	4
\$10,000 to \$19,999-----	35	21	31	17				
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles-----								
Motortrucks including pickups-----	52	125	33	68	22	57	58	138
Wheel tractors-----	142	427	108	258	75	169	102	369
Grain and bean combines, self-propelled only-----	61	131	5	28	61	103	61	140
Corn heads for combines-----	1	(D)	-	-	1	(D)	2	(D)
Other compickers and picker-shellers-----	-	-	-	-	-	-	-	-
Cottonpickers-----	-	-	-	-	-	-	(NA)	(NA)
Mower conditioners-----	3	3	-	-	3	3	8	10
Pickup balers-----	5	5	-	-	5	5	9	9
Field forage harvesters, shear bar or flywheel type-----	1	(D)	-	-	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	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms-----	68	42	(X)	51	(X)	60	44
Workers-----	399	(X)	132	(X)	267	313	208
Farms with—							
1 worker-----	4	15	15	4	4	3	9
2 workers-----	27	12	24	24	48	24	10
3 or 4 workers-----	14	7	24	7	23	14	12
5 to 9 workers-----	13	6	(D)	8	45	11	7
10 workers or more-----	10	2	(D)	8	147	8	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	141	(X)	106	(X)	100	(X)	66
Any cattle, hogs, or sheep	129	(X)	102	(X)	93	(X)	64
Sales:							
Any livestock or poultry and their products	139	16 580	110	7 571	103	14 622	71
Any cattle, hogs, or sheep	132	16 296	105	(NA)	99	(D)	67
CATTLE AND CALVES							
Inventory:							
Cattle and calves	120	47 665	95	41 423	90	34 440	59
Cows and heifers that had calved	101	22 594	74	19 759	76	(D)	48
Beef cows	100	22 543	73	19 723	75	(D)	48
Milk cows	10	51	9	36	8	(D)	3
Heifers and heifer calves	97	8 750	(NA)	(NA)	74	(D)	41
Steers, steer calves, bulls and bull calves	104	16 321	(NA)	(NA)	83	14 294	51
Sales:							
Cattle and calves	125	41 823	98	25 830	97	38 271	62
\$1,000	(X)	14 636	(X)	(NA)	(X)	13 772	18
Calves	91	6 289	(NA)	(NA)	72	4 855	45
Cattle	91	35 534	(NA)	(NA)	71	33 416	48
\$1,000	(X)	13 224	(X)	(NA)	(X)	12 683	13 840
Fattened cattle	7	51	(NA)	(NA)	3	45	2
\$1,000	(X)	18	(X)	(NA)	(X)	14	(D)
Dairy products	—	—	(NA)	(NA)	—	—	—
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	8	310	6	77	4	52	1
Used or to be used for breeding	4	(D)	(NA)	(NA)	3	(D)	(D)
Other hogs and pigs	8	(D)	(NA)	(NA)	4	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	4	52	2	(D)	3	(D)	1
Dec. 1 of preceding year and May 31	4	(D)	1	(D)	3	(D)	—
June 1 and Nov. 30	1	(D)	2	(D)	1	(D)	(D)
Sheep and lambs	29	60 877	17	99 910	19	(D)	9
Ewes 1 year old or older	27	36 302	(NA)	(NA)	18	(D)	8
Goats	11	16 831	(NA)	(NA)	5	163	12 978
Horses and ponies	92	3 840	51	5 514	68	754	32
Sales:							
Hogs and pigs	11	283	4	14	5	177	1
\$1,000	(X)	20	(X)	(NA)	(X)	16	(D)
Feeder pigs	3	34	—	—	2	(D)	—
\$1,000	(X)	1	(X)	(NA)	(X)	(D)	(X)
Sheep and lambs	26	28 091	17	65 285	17	(D)	9
Sheep and lambs shorn	26	45 984	(NA)	(NA)	18	(D)	8
Pounds of wool	(X)	302 058	(X)	(NA)	(X)	(D)	16 887
Sheep, lambs, and wool	\$1,000	27	1 639	(NA)	18	(D)	9
Goats	\$1,000	8	7 511	(NA)	4	180	(D)
Horses and ponies	\$1,000	34	538	17	394	25	83
	\$1,000	(X)	129	(X)	(NA)	48	(X)
POULTRY							
Inventory:							
Any poultry	26	(X)	8	(X)	18	(X)	1
Chickens 3 months old or older	23	572	8	1 110	16	453	(X)
Hens and pullets of laying age	21	525	8	1 086	15	(D)	(D)
Pullets 3 months old or older	3	47	(NA)	(NA)	1	(D)	—
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	4	45	2	(D)	3	(D)	—
Turkeys	3	12	(NA)	(NA)	2	(D)	—
Turkeys for slaughter	3	12	(NA)	(NA)	2	(D)	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	(X)
Other poultry	3	(X)	(NA)	(X)	2	(X)	—
Sales:							
Any poultry	5	(X)	2	(X)	2	(X)	—
Chickens 3 months old or older	2	(D)	2	(D)	—	—	—
Hens and pullets of laying age	2	(D)	2	(D)	—	—	—
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—
Broilers and other meat-type chickens	1	(D)	—	(NA)	—	—	—
Turkeys	1	(D)	(NA)	(NA)	—	—	—
Turkeys for slaughter	1	(D)	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	—	(X)	(NA)	(X)	—	(X)	—
Other poultry	2	(X)	(NA)	(X)	—	(X)	—
Poultry and poultry products	\$1,000	10	3	4	10	5	(D)

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978	6	807	(X)	6	707	2	(D)	(X)	2	(D)
1974	4	611	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
For grain or seed (bushels) -----	1978	6	(D)	4 505	(D)	2	(D)	(D)	2	(D)	
1974	3	601	24 030	(NA)	(NA)	-	-	-	-	-	
For silage or green chop (tons, green) -----	1978	2	(D)	(D)	2	(D)	(D)	(D)	2	(D)	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
For fodder, hogged or grazed -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
Sorghums for all purposes -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-	
For grain or seed (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
For silage or green chop (tons, green) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Cut for dry forage or hay (tons, dry) -----	1978	-	-	(NA)	(NA)	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Hogged or grazed -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Wheat for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Oats for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Barley for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Rye for grain (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Other small grains for grain -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Soybeans for beans (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Peanuts for nuts (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Cotton (bales) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Tobacco (pounds) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Irish potatoes (hundredweight) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Sweetpotatoes (bushels) -----	1978	-	-	-	-	-	-	-	-	-	
1974	-	-	-	(NA)	(NA)	-	-	-	-	-	
Hay crops (tons, dry) (see text) -----	1978	13	312	735	12	293	8	189	328	7	170
1974	12	326	842	(NA)	(NA)	5	243	710	5	243	
Alfalfa hay (tons, dry) -----	1978	12	253	685	12	253	7	135	288	7	135
1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	223	690	5	223	
Other tame dry hay (tons, dry) (see text) -----	1978	1	(D)	(D)	-	1	(D)	(D)	-	-	-
Field seed crops -----	1978	-	-	(X)	-	-	-	(X)	-	-	
1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
Alfalfa seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	-
Red clover seed (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	-
All vegetables harvested for sale (see text) -----	1978	6	33	(X)	6	33	5	(D)	(X)	5	(D)
1974	5	288	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
Sweet corn -----	1978	1	(D)	(X)	1	(D)	(D)	(X)	1	(D)	
1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
Tomatoes -----	1978	-	-	(X)	-	-	-	(X)	-	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	-
Green peas excluding cowpeas -----	1978	-	-	(X)	-	-	-	(X)	-	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	-
Land in orchards -----	1978	7	132	(X)	7	132	3	(D)	(X)	3	(D)
1974	13	168	(X)	(NA)	(NA)	4	40	(X)	4	38	
Apples (pounds) -----	1978	6	60	(D)	(NA)	3	(D)	(D)	(NA)	(NA)	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)	
Peaches (pounds) -----	1978	3	(D)	10 900	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	8 000	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978	2	(D)	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)	
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	
Berries -----	1978	1	(D)	(X)	-	1	(D)	(X)	-	-	
1974	2	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)	
Strawberries (pounds) -----	1978	-	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	-
Nursery and greenhouse products -----	1978	-	-	(X)	-	-	-	(X)	-	-	-
1974	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-	-

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	132	1 166 761	113	1 134 355	91	108 221	73	79 816
Average size of farm	(X)	8 839	(X)	10 039	(X)	1 189	(X)	1 093
Approximate land area	(X)	3 038 720	(X)	3 038 720	(X)	3 038 720	(X)	3 038 720
Proportion in farms - percent	(X)	38.4	(X)	37.3	(X)	3.6	(X)	2.6
Value of land and buildings: ¹								
Average per farm	2 066 776	(X)	1 336 292	(X)	266 015	(X)	244 493	(X)
Average per acre		234		133		233		224
Land in farms according to use:								
Total cropland	64	7 091	68	5 119	40	4 669	44	3 738
Harvested cropland	23	835	28	387	8	(D)	17	(D)
By acres harvested:								
1 to 9 acres	12	40	12	(NA)	4	10	7	(NA)
10 to 19 acres	6	73	12	(NA)	2	(D)	6	(NA)
20 to 29 acres	3	(D)	1	(NA)	1	(D)	1	(NA)
30 to 49 acres	-	-	1	(NA)	-	-	1	(NA)
50 to 99 acres	-	-	2	(NA)	-	-	2	(NA)
100 to 199 acres	1	(D)	-	(NA)	-	-	-	(NA)
200 to 499 acres	-	-	-	(NA)	-	-	-	(NA)
500 to 999 acres	1	(D)	-	(NA)	1	(D)	-	(NA)
1,000 acres or more	-	-	-	(NA)	-	-	-	(NA)
Cropland used only for pasture	49	5 687	52	4 684	33	3 563	36	3 403
Other cropland	10	569	4	48	7	(D)	1	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	-	-	(NA)	(NA)	-	-	-	-
Cropland on which all crops failed	1	(D)	(NA)	(NA)	-	-	-	-
Cropland in cultivated summer fallow	1	(D)	(NA)	(NA)	1	(D)	-	-
Cropland idle	10	(D)	(NA)	(NA)	7	(D)	1	(D)
Total woodland	13	333 404	22	359 173	5	3 293	12	8 026
Woodland pastured	13	333 404	(NA)	(NA)	5	3 293	10	(D)
Woodland not pastured	-	-	(NA)	(NA)	-	-	2	(D)
Other land	103	826 266	79	770 063	72	100 259	51	68 052
Pastureland and rangeland, other than cropland and woodland pastured	64	818 710	(NA)	(NA)	47	99 389	33	67 313
Land in house lots, ponds, roads, wasteland, etc.	68	7 556	(NA)	(NA)	44	870	37	739
Pastureland, all types	111	1 157 801	(NA)	(NA)	78	106 245	(NA)	78 326
Irrigated land	41	1 430	31	742	21	1 134	22	516
Harvested cropland irrigated	23	832	(NA)	(NA)	8	(D)	15	276
Pastureland irrigated	20	578	(NA)	(NA)	14	502	(NA)	240
Other land irrigated	3	20	(NA)	(NA)	2	(D)	-	-
Land set aside in the federal farm programs in 1978	-	-	(X)	(X)	-	-	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	132	4 089	113	2 408	91	3 173	73	1 690
Average per farm	(X)	30 974	(X)	21 310	(X)	34 863	(X)	23 151
Farms by value of agricultural products sold: ¹								
\$100,000 or more	10	1 411	1	(NA)	10	1 411	1	(NA)
\$40,000 to \$99,999	15	919	13	(NA)	15	919	13	(NA)
\$20,000 to \$39,999	17	495	16	(NA)	17	495	16	(NA)
\$10,000 to \$19,999	11	150	15	(NA)	11	150	15	(NA)
\$5,000 to \$9,999	18	128	9	(NA)	18	128	9	(NA)
\$2,500 to \$4,999	20	70	16	(NA)	20	70	16	(NA)
Less than \$2,500 (see text)	35	35	37	(NA)	(X)	(X)	3	(NA)
\$2,000 to \$2,499	1	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	9	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	11	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	14	4	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	6	881	6	(NA)	(X)	(X)	(X)	(X)
Crops	11	(D)	13	32	4	(D)	(NA)	27
Grains	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	1	(D)	(NA)	(NA)	1	(D)	-	(NA)
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	1	(D)	(NA)	(NA)	1	(D)	3	9
Vegetables, sweet corn, and melons	-	-	(NA)	(NA)	-	-	-	-
Fruits, nuts, and berries	6	5	(NA)	(NA)	1	(D)	3	(D)
Nursery and greenhouse products	2	(D)	4	16	1	(D)	2	(D)
Other crops	-	-	(NA)	(NA)	-	-	-	-
Livestock, poultry, and their products	125	(D)	107	2 375	90	(D)	72	1 664
Poultry and poultry products	4	(D)	4	1	1	(D)	-	-
Dairy products	1	(D)	(NA)	(NA)	1	(D)	-	-
Cattle and calves	114	3 864	(NA)	(NA)	88	2 965	71	1 654
Hogs and pigs	2	(D)	(NA)	(NA)	1	(D)	1	(D)
Sheep, lambs, and wool	4	1	(NA)	(NA)	2	(D)	1	(D)
Other livestock and livestock products (see text)	28	39	(NA)	(NA)	20	30	10	(D)

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms -----	132	113	1 166 761	23	18 291	835	41	44 470	835	1 430
Farms with-----										
1 to 9 acres -----	17	14	50	4	17	8	4	17	8	7
10 to 49 acres -----	33	24	830	7	183	71	12	296	71	139
50 to 69 acres -----	10	9	584	4	220	45	7	401	45	102
70 to 99 acres -----	12	7	956	1	(D)	(D)	5	388	(D)	40
100 to 139 acres -----	11	7	(D)	1	(D)	(D)	2	(D)	(D)	(D)
140 to 179 acres -----	2	7	(D)	—	—	—	1	(D)	—	(D)
180 to 219 acres -----	3	4	629	—	—	—	—	—	—	—
220 to 259 acres -----	3	6	692	—	—	—	—	—	—	—
260 to 499 acres -----	12	10	4 382	2	(D)	(D)	3	1 069	(D)	180
500 to 999 acres -----	4	7	2 470	1	(D)	(D)	2	(D)	(D)	(D)
1,000 to 1,999 acres -----	7	1	9 878	—	—	—	1	(D)	—	(D)
2,000 acres or more -----	18	17	1 144 658	3	16 378	574	4	39 378	574	794

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-----	132	1 166 761	113	1 134 355	91	108 221	73	79 816		
Harvested cropland-----	23	835	28	387	8	(D)	17	295		
Tenure of operator:										
Full owners-----	96	1 090 868	89	1 068 753	65	35 144	60	(D)		
Harvested cropland-----	19	807	(NA)	252	5	(D)	(NA)	180		
Part owners-----	27	67 830	16	64 272	21	65 820	11	62 494		
Harvested cropland-----	4	28	(NA)	115	3	(D)	(NA)	115		
Tenants-----	9	8 063	8	1 330	5	7 257	2	(D)		
Harvested cropland-----	—	—	(NA)	20	—	—	(NA)	—		
Type of organization:										
Individual or family-----	103	73 405	(NA)	(NA)	20	65 700	57	42 705		
Partnership-----	16	15 667	(NA)	(NA)	14	(D)	12	12 333		
Corporation-----	6	25 717	(NA)	(NA)	6	25 717	4	24 778		
Other—cooperative, estate or trust, institutional, etc.-----	7	1 051 972	(NA)	(NA)	1	(D)	—	—		
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more		
1978	'1974	1978	'1974			1978	'1974	1978	'1974	
Operators by principal occupation:										
Forming-----	52	42	44	34						
Other-----	80	61	47	35						
Operators by age group:										
Under 25 years-----	1	2	—	—						
25 to 34 years-----	13	5	8	3						
35 to 44 years-----	25	11	17	—						
45 to 54 years-----	32	24	19	13						
55 to 64 years-----	40	39	29	28						
65 years and over-----	21	22	18	17						
Average age-----	52.4	54.7	53.9	56.6						
Operators by place of residence:										
On farm operated-----	90	71	67	50						
Not on farm operated-----	27	20	16	14						
Not reported-----	15	12	8	5						
Operators reporting days of work off farm:										
None-----	54	37	43	24						
1 to 49 days-----	8	4	2	—						
50 to 99 days-----	3	1	2	—						
100 to 149 days-----	4	5	3	5						
150 to 199 days-----	8	9	4	7						
200 days or more-----	51	29	33	14						

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased-----	75	759	68	311	51	504	46	270
Feed for livestock and poultry-----	122	358	100	317	90	290	64	254
Commercially mixed formula feeds-----	21	53	68	130	18	49	48	123
Animal health costs-----	99	41	(NA)	(NA)	77	34	54	19
Seeds, bulbs, plants, and trees-----	12	8	24	8	4	6	16	7
Commercial fertilizer-----	16	18	10	17	9	18	5	17
Other agricultural chemicals including lime-----	19	26	11	2	11	26	7	2
Hired farm labor-----	62	640	54	424	47	379	43	228
Contract labor-----	10	38	6	15	5	32	5	(D)
Customwork, machine hire, and rental of machinery and equipment-----	12	34	7	7	12	34	6	(D)
Energy and petroleum products-----	132	311	(NA)	(NA)	94	243	(NA)	(NA)
Petroleum products-----	132	234	107	157	94	173	70	116
Gasoline-----	124	150	(NA)	(NA)	86	97	64	67
Diesel fuel-----	46	34	(NA)	(NA)	39	32	22	20
LP gas, butane, and propane-----	58	32	(NA)	(NA)	50	29	28	17
Fuel oil-----	3	1	(NA)	(NA)	1	(D)	—	—
Natural gas-----	4	2	(NA)	(NA)	4	(D)	70	12
Kerosene, motor oil, and grease-----	132	16	(NA)	(NA)	94	12	(NA)	(NA)
Electricity-----	55	70	(NA)	(NA)	48	66	(NA)	(NA)
Other—coal, wood, coke, etc.-----	21	7	(NA)	(NA)	16	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—						
Cropland fertilized, except pasture	11	576	6	569	5	132
Pasture and rangeland fertilized	8	486	3	479	(NA)	29
Lime—	3	90	3	90	(NA)	103
Sprays, dusts, granules, fumigants, etc., to control—	—	—	—	—	—	—
Insects on hay and other crops	5	481	3	(D)	(NA)	3
Nematodes in crops	—	—	—	—	—	—
Diseases in crops and orchards	2	(D)	2	(D)	1	(D)
Weeds, grass, or brush in crops and pasture	8	228	5	213	(NA)	—
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	—	—	—	—	—	—
Insect control on livestock and poultry	16	(X)	15	(X)	5	(X)
Sanitation and rodent and bird control	3	(X)	2	(X)	(NA)	(X)

Chemicals for—

Defoliation or for growth control of crops or thinning of fruit

Insect control on livestock and poultry

Sanitation and rodent and bird control

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—Con.								
Estimated market value of all machinery and equipment—Con.								
machinery and equipment farms—								
\$1,000—	132	107	94	68	11	12	8	11
1 866	1 209	1 414	913	—	23	5	17	4
Average per farm dollars—	14 140	11 299	15 039	13 426	1	1	1	1
Farms by value group:								
\$1 to \$4,999—	14	23	13	12	—	—	—	—
\$5,000 to \$9,999—	52	39	29	17	1	1	1	1
\$10,000 to \$19,999—	30	27	25	23	—	—	—	—
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
Estimated market value of all machinery and equipment—Con.								
machinery and equipment—Con.								
\$20,000 to \$29,999—	—	—	—	—	—	—	—	—
\$30,000 to \$49,999—	—	—	—	—	—	—	—	—
\$50,000 to \$69,999—	—	—	—	—	—	—	—	—
\$70,000 to \$99,999—	—	—	—	—	—	—	—	—
\$100,000 to \$199,999—	—	—	—	—	—	—	—	—
\$200,000 or more—	—	—	—	—	—	—	—	—
1978						1974		
All farms			Manufactured 1974 to 1978		Manufactured prior to 1974			
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT								
Automobiles								
Automobiles	43	58	25	30	24	28	54	71
Motortrucks including pickups	124	286	83	104	87	182	99	197
Wheel tractors	55	78	6	6	51	72	53	79
Grain and bean combines, self-propelled only	—	—	—	—	—	—	—	—
Corn heads for combines	—	—	—	—	—	—	—	—
Other cornpickers and picker-shellers	—	—	—	—	—	—	—	—
Cottonpickers	1	(D)	1	(D)	—	—	(NA)	(NA)
Mower conditioners	5	5	—	—	5	5	8	8
Pickup balers	5	7	—	—	5	7	7	7
Field forage harvesters, shear bar or flywheel type	—	—	—	—	—	—	—	—

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—	62	36	(X)	53	(X)	47	43
Workers—	337	(X)	67	(X)	270	175	110
Farms with—							
1 worker	8	19	19	13	13	5	15
2 workers	15	7	14	16	32	15	8
3 or 4 workers	19	9	(D)	7	21	17	14
5 to 9 workers	11	1	(D)	8	47	7	6
10 workers or more	9	—	—	9	157	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	125	(X)	107	(X)	86	(X)	67
Any cattle, hogs, or sheep	115	(X)	101	(X)	81	(X)	65
Sales:							
Any livestock or poultry and their products	125	(D)	107	2 375	90	(D)	72
Any cattle, hogs, or sheep	116	3 866	99	(NA)	88	2 966	71
CATTLE AND CALVES							
Inventory:							
Cattle and calves	115	33 762	101	37 184	81	21 306	65
Cows and heifers that had calved	101	18 285	91	19 762	74	12 230	64
Beef cows	96	18 254	87	19 720	71	12 202	63
Milk cows	20	31	23	42	17	28	16
Heifers and heifer calves	98	7 468	(NA)	(NA)	70	3 790	56
Steers, steer calves, bulls and bull calves	104	8 009	(NA)	(NA)	75	5 286	63
Sales:							
Cattle and calves	114	14 244	99	13 713	88	10 466	71
\$1,000...		3 864	(X)	(NA)	(X)	2 965	(X)
Calves	59	4 033	(NA)	(NA)	45	3 741	32
Cattle	(X)	950	(X)	(NA)	(X)	920	(X)
\$1,000...		10 211	(NA)	(NA)	78	6 725	62
Fattened cattle	98	2 914	(X)	(NA)	(X)	2 044	(X)
\$1,000...		7	(NA)	(NA)	6	(D)	—
Dairy products	(X)	40	(X)	(NA)	(X)	(D)	(X)
\$1,000...		19	(X)	(NA)	1	(D)	—
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	5	31	4	7	3	(D)	2
Used or to be used for breeding	1	(D)	(NA)	(NA)	1	(D)	—
Other hogs and pigs	5	(D)	(NA)	(NA)	3	(D)	2
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	2	(D)	1	(D)	1	(D)	1
Dec. 1 of preceding year and May 31	—	—	1	(D)	—	—	(D)
June 1 and Nov. 30	2	(D)	1	(D)	1	(D)	1
Sheep and lambs	5	43	5	51	3	(D)	1
Ewes 1 year old or older	5	29	(NA)	(NA)	3	(D)	1
Goats	3	8	(NA)	(NA)	2	(D)	2
Horses and ponies	81	589	68	1 046	61	456	44
Sales:							
Hogs and pigs	2	(D)	1	(D)	1	(D)	1
\$1,000...	(X)	(D)	(X)	(NA)	(X)	(D)	(D)
Feeder pigs	1	(D)	—	—	—	—	—
Sheep and lambs	3	22	3	31	2	(D)	1
Sheep and lambs shorn	2	(D)	(NA)	(NA)	—	—	(D)
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	—	(X)
Sheep, lambs, and wool	4	1	(NA)	(NA)	2	(D)	1
Goats	(X)	—	(NA)	(NA)	—	—	(D)
Horses and ponies	23	97	18	72	19	67	10
\$1,000...	(X)	36	(X)	(NA)	(X)	30	(D)
POULTRY							
Inventory:							
Any poultry	23	(X)	19	(X)	15	(X)	8
Chickens 3 months old or older	21	829	19	445	13	217	8
Hens and pullets of laying age	21	720	16	383	13	(D)	8
Pullets 3 months old or older	5	109	(NA)	(NA)	1	(D)	—
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	—	—	(D)
Broilers and other meat-type chickens	5	117	3	19	2	(D)	1
Turkeys	4	19	(NA)	(NA)	4	19	(D)
Turkeys for slaughter	3	(D)	(NA)	(NA)	3	(D)	1
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	—
Other poultry	5	(X)	(NA)	(X)	3	(X)	2
Sales:							
Any poultry	5	(X)	3	(X)	2	(X)	—
Chickens 3 months old or older	2	(D)	3	202	—	—	(X)
Hens and pullets of laying age	2	(D)	3	202	—	—	—
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	—	—	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	—
Other poultry	1	(X)	(NA)	(X)	—	(X)	(X)
Poultry and poultry products	4	(D)	4	1	1	(D)	—
\$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	-	-	(X)	-	-	-	(X)	-	-
For grain or seed (bushels)	1974	-	-	(X)	(NA)	(NA)	-	(X)	-	-
For silage or green chop (tons, green)	1978	-	-	-	(NA)	(NA)	-	-	-	-
For fodder, hogged or grazed	1978	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(X)	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sorghums for all purposes	1978	-	-	(X)	-	-	-	(X)	-	-
For grain or seed (bushels)	1974	-	-	(X)	(NA)	(NA)	-	(X)	-	-
For silage or green chop (tons, green)	1978	-	-	-	(NA)	(NA)	-	-	-	-
Cut for dry forage or hay (tons, dry)	1978	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-
Hogged or grazed	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels)	1978	-	-	-	-	-	-	-	-	-
Oats for grain (bushels)	1978	-	-	(NA)	(NA)	(NA)	-	-	-	-
Barley for grain (bushels)	1978	3	64	2 499	3	64	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-
Rye for grain (bushels)	1978	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-
Other small grains for grain	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Soybeans for beans (bushels)	1978	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	1978	-	-	-	-	-	-	-	-	-
Cotton (bales)	1978	1	(D)	(D)	(NA)	(NA)	-	(D)	(D)	(D)
Tobacco (pounds)	1978	-	-	-	(NA)	(NA)	-	-	-	-
Irish potatoes (hundredweight)	1978	-	-	-	(NA)	(NA)	-	-	-	-
1974	-	-	-	(NA)	(NA)	(NA)	-	-	-	-
Sweetpotatoes (bushels)	1978	-	-	-	-	-	-	-	-	-
Hay crops (tons, dry) (see text)	1978	11	219	511	10	216	6	147	445	6
1974	17	322	908	(NA)	(NA)	(NA)	11	250	690	10
Alfalfa hay (tons, dry)	1978	5	117	(D)	5	117	4	(D)	(D)	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7	139	487	7
Other tame dry hay (tons, dry) (see text)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1
Field seed crops	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Alfalfa seed (pounds)	1978	-	-	-	-	-	-	-	-	-
Red clover seed (pounds)	1978	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-
All vegetables harvested for sale (see text)	1978	1	(D)	(X)	1	(D)	-	-	(X)	-
1974	1	(D)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Sweet corn	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Tomatoes	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Green peas excluding cowpeas	1978	-	-	(X)	-	-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Land in orchards	1978	11	83	(X)	11	83	1	(D)	(X)	1
1974	11	58	(X)	(NA)	(NA)	(NA)	4	39	(X)	4
Apples (pounds)	1978	5	27	(D)	(NA)	(NA)	-	-	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)
Peaches (pounds)	1978	2	(D)	-	(NA)	(NA)	-	-	(NA)	(NA)
1974	(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)	(NA)
Berries	1978	-	-	(X)	-	-	-	(X)	-	-
1974	-	-	(X)	(NA)	(NA)	(NA)	-	(X)	-	-
Strawberries (pounds)	1978	-	-	-	-	-	-	-	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)
Nursery and greenhouse products	1978	2	(D)	(X)	2	(D)	1	(D)	(X)	1
1974	-	-	(X)	(NA)	(NA)	(NA)	-	(X)	(NA)	(D)

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	288	1 872 587	289	2 019 476	223	417 161	206	674 023
Average size of farm	(X)	6 502	(X)	6 988	(X)	1 871	(X)	3 272
Approximate land area	(X)	2 955 520	(X)	2 955 520	(X)	2 955 520	(X)	2 955 520
Proportion in farms percent	(X)	63.4	(X)	68.3	(X)	14.1	(X)	22.8
Value of land and buildings: ¹								
Average per farm	1 517 312	(X)	576 938	(X)	712 494	(X)	364 917	(X)
Average per acre		233		83		369		112
Land in farms according to use:								
Total cropland	228	55 136	230	49 883	178	52 596	166	47 669
Harvested cropland	194	43 361	184	39 646	161	42 195	143	39 063
By acres harvested:								
1 to 9 acres	44	201	31	(NA)	22	102	5	(NA)
10 to 19 acres	15	201	24	(NA)	9	117	14	(NA)
20 to 29 acres	10	244	5	(NA)	9	(D)	4	(NA)
30 to 49 acres	12	481	17	(NA)	11	(D)	14	(NA)
50 to 99 acres	18	1 196	25	(NA)	18	1 196	25	(NA)
100 to 199 acres	19	2 936	15	(NA)	17	(D)	15	(NA)
200 to 499 acres	43	13 425	37	(NA)	43	13 425	36	(NA)
500 to 999 acres	28	18 152	25	(NA)	27	(D)	25	(NA)
1,000 acres or more	5	6 525	5	(NA)	5	6 525	5	(NA)
Cropland used only for pasture	72	4 749	85	5 100	56	4 253	47	4 582
Other cropland	82	7 026	53	5 137	62	6 148	45	4 024
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	3	(D)	(NA)	(NA)	2	(D)	4	90
Cropland on which all crops failed	17	705	(NA)	(NA)	9	430	3	152
Cropland in cultivated summer fallow	13	(D)	(NA)	(NA)	12	(D)	14	1 648
Cropland idle	63	5 315	(NA)	(NA)	48	4 717	24	2 134
Total woodland	15	19 671	13	99 309	9	1 776	6	1 963
Woodland pastured	9	18 441	(NA)	(NA)	3	546	4	(D)
Woodland not pastured	7	1 230	(NA)	(NA)	7	1 230	2	(D)
Other land	206	1 797 780	216	1 870 284	162	362 789	150	624 391
Pastureland and rangeland, other than cropland and woodland pastured	98	1 766 078	(NA)	(NA)	76	354 240	67	596 381
Land in house lots, ponds, roads, wasteland, etc.	158	31 702	(NA)	(NA)	124	8 549	131	28 010
Pastureland, all types	153	1 789 268	(NA)	(NA)	119	359 039	(NA)	602 855
Irrigated land	218	45 897	214	42 011	172	44 409	151	41 211
Harvested cropland irrigated	194	43 361	(NA)	(NA)	161	42 195	142	39 026
Pastureland irrigated	49	1 923	(NA)	(NA)	36	1 800	(NA)	2 095
Other land irrigated	16	613	(NA)	(NA)	10	414	3	90
Land set aside in the federal farm programs in 1978	16	1 299	(X)	(X)	16	1 299	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	288	32 384	289	27 857	223	30 767	206	26 532
Average per farm	(X)	112 445	(X)	96 391	(X)	137 968	(X)	128 796
Farms by value of agricultural products sold: ¹								
\$100,000 or more	79	26 577	54	(NA)	79	26 577	54	(NA)
\$40,000 to \$99,999	38	2 535	46	(NA)	38	2 535	46	(NA)
\$20,000 to \$39,999	37	1 024	27	(NA)	37	1 024	27	(NA)
\$10,000 to \$19,999	26	406	29	(NA)	26	406	29	(NA)
\$5,000 to \$9,999	21	148	27	(NA)	21	148	27	(NA)
\$2,500 to \$4,999	22	77	22	(NA)	22	77	22	(NA)
Less than \$2,500 (see text)	55	58	74	(NA)	(X)	(X)	1	(NA)
\$2,000 to \$2,499	8	18	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	12	20	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	9	12	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	26	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	10	1 559	10	(NA)	(X)	(X)	(X)	(X)
Crops	160	14 855	156	11 045	139	(D)	(NA)	10 974
Grains	69	3 787	(NA)	(NA)	65	3 671	91	5 671
Commodity Credit Corporation loans	6	15	(NA)	(NA)	6	15	(NA)	(NA)
Cotton and cottonseed	105	10 150	(NA)	(NA)	103	(D)	79	4 578
Commodity Credit Corporation loans	7	13	(NA)	(NA)	7	13	(NA)	(NA)
Tobacco	~	~	(NA)	(NA)	~	~	~	~
Field seeds, hay, forage, and silage	62	849	(NA)	(NA)	53	774	56	688
Vegetables, sweet corn, and melons	10	(D)	(NA)	(NA)	4	(D)	1	(D)
Fruits, nuts, and berries	15	37	(NA)	(NA)	8	33	4	20
Nursery and greenhouse products	1	(D)	1	(D)	1	(D)	1	(D)
Other crops	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Livestock, poultry, and their products	183	17 529	201	16 812	146	(D)	133	15 558
Poultry and poultry products	9	2	4	(Z)	4	(D)	~	~
Dairy products	7	(D)	(NA)	(NA)	6	(D)	4	267
Cattle and calves	156	12 462	(NA)	(NA)	125	11 114	108	12 428
Hogs and pigs	28	4 347	(NA)	(NA)	26	(D)	35	2 675
Sheep, lambs, and wool	2	(D)	(NA)	(NA)	2	(D)	~	~
Other livestock and livestock products (see text)	34	129	(NA)	(NA)	26	118	14	188

¹1974 data include sales of forest products.

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

Farms	1978									
	Acres in farms	Farms with harvested cropland			Farms with irrigated land					
		Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land		
All farms	1978	1974								
All forms	288	289	1 872 587	194	292 352	43 361	218	297 730	43 361	45 897
Farms with—										
1 to 9 acres	39	47	175	20	107	74	25	130	74	93
10 to 49 acres	49	53	1 255	32	796	486	42	1 082	486	665
50 to 69 acres	21	18	1 249	13	768	503	15	891	503	550
70 to 99 acres	9	11	764	8	684	289	8	684	289	299
100 to 139 acres	9	6	1 101	6	724	452	9	1 101	452	616
140 to 179 acres	9	18	1 431	5	788	231	6	932	231	282
180 to 219 acres	13	7	2 593	11	2 228	1 593	12	2 413	1 593	1 678
220 to 259 acres	7	9	1 636	6	1 416	943	6	1 416	943	1 043
260 to 499 acres	28	24	10 558	25	9 298	6 736	25	9 298	6 736	7 286
500 to 999 acres	34	43	23 184	33	22 584	15 731	33	22 584	15 731	15 964
1,000 to 1,999 acres	25	17	33 375	17	21 760	12 291	18	22 890	12 291	13 036
2,000 acres or more	45	36	1 795 266	18	231 199	4 032	19	234 309	4 032	4 385

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	288	1 872 587	289	2 019 476	223	417 161	206	674 023		
Harvested cropland	194	43 361	184	39 646	161	42 195	143	39 063		
Tenure of operator:										
Full owners	177	1 460 636	184	1 430 756	117	(D)	109	89 830		
Harvested cropland	103	11 715	(NA)	9 696	72	10 747	(NA)	9 160		
Part owners	84	371 633	71	562 873	81	257 913	66	561 927		
Harvested cropland	68	24 749	(NA)	21 283	67	(D)	(NA)	21 257		
Tenants	27	40 318	34	25 847	25	(D)	31	22 266		
Harvested cropland	23	6 897	(NA)	8 667	22	(D)	(NA)	8 646		
Type of organization:										
Individual or family	217	328 826	(NA)	(NA)	168	210 589	173	462 472		
Partnership	45	109 970	(NA)	(NA)	39	(D)	26	82 081		
Corporation	14	96 746	(NA)	(NA)	14	96 746	6	(D)		
Other—cooperative, estate or trust, institutional, etc.	12	1 337 045	(NA)	(NA)	2	(D)	1	(D)		
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more		
1978	'1974	1978	'1974			1978	'1974	1978	'1974	
Operators by principal occupation:		Operators by place of residence:								
Farming	176	175	159	151	On farm operated		185	150	140	99
Other	112	97	64	48	Not on farm operated		73	50	59	43
Operators by age group:		Not reported				30	72	24	57	
Under 25 years	3	7	3	7	Operators reporting days of work off farm:					
25 to 34 years	25	14	21	10	None		147	117	125	96
35 to 44 years	67	54	50	44	1 to 49 days		16	2	8	2
45 to 54 years	81	65	65	55	50 to 99 days		9	6	7	6
55 to 64 years	70	72	54	46	100 to 149 days		12	3	9	3
65 years and over	42	60	30	37	150 to 199 days		7	9	3	5
Average age	50.5	53.4	50.1	51.8	200 days or more		78	76	54	35

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	139	6 750	127	5 070	100	5 676	70	4 972
Feed for livestock and poultry	165	5 891	186	5 019	128	5 697	114	4 905
Commercially mixed formula feeds	63	1 287	135	1 212	40	1 216	84	1 184
Animal health costs	159	208	(NA)	(NA)	120	180	88	103
Seeds, bulbs, plants, and trees	177	566	169	263	155	554	132	258
Commercial fertilizer	159	1 148	148	917	152	1 117	120	912
Other agricultural chemicals including lime	124	595	76	300	121	591	69	299
Hired farm labor	184	3 199	158	1 612	159	2 828	117	1 339
Contract labor	34	193	30	114	34	193	26	109
Customwork, machine hire, and rental of machinery and equipment	120	589	106	236	106	548	85	211
Energy and petroleum products	288	2 771	(NA)	(NA)	221	2 664	(NA)	(NA)
Petroleum products	288	(D)	284	1 032	221	1 984	204	973
Gasoline	271	524	(NA)	(NA)	204	462	202	428
Diesel fuel	155	667	(NA)	(NA)	140	655	113	305
LP gas, butane, and propane	127	138	(NA)	(NA)	123	131	101	107
Fuel oil	17	(D)	(NA)	(NA)	17	(D)		
Natural gas	74	618	(NA)	(NA)	72	(D)	204	133
Kerosene, motor oil, and grease	288	132	(NA)	(NA)	221	124	(NA)	(NA)
Electricity	196	688	(NA)	(NA)	169	(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		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	154	38 741	147	37 809	120	36 840
Cropland fertilized, except pasture	153	37 707	146	36 775	(NA)	36 301
Pasture and rangeland fertilized	12	1 034	12	1 034	(NA)	539
Lime	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	85	24 845	82	24 226	(NA)	15 693
Nematodes in crops	1	(D)	1	(D)	1	(D)
Diseases in crops and orchards	2	(D)	2	(D)	5	192
Weeds, grass, or brush in crops and pasture	82	18 194	81	(D)	(NA)	6 309
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	46	6 173	45	(D)	24	2 809
Insect control on livestock and poultry	39	(X)	38	(X)	5	(X)
Sanitation and rodent and bird control	10	(X)	9	(X)	(NA)	(X)

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

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

	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	288	268	221	192				
farms \$1,000 dollars	17 529	9 352	15 854	8 663				
Average per farm	60 865	34 896	71 737	45 120				
Farms by value group:								
\$1 to \$4,999	27	23	17	12				
\$5,000 to \$9,999	47	79	19	26				
\$10,000 to \$19,999	50	39	38	32				
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	27	23	27	22				
\$30,000 to \$49,999	23	45	20	41				
\$50,000 to \$69,999	20	20	19	20				
\$70,000 to \$99,999	24	24	13	13				
\$100,000 to \$199,999	43	39	42	39				
\$200,000 or more	27	26	26	39				
1978								
1974								
All farms			Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974	
Farms	Number		Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	157	257	89	118	75	139	201	293
Motortrucks including pickups	258	650	184	306	177	344	252	675
Wheel tractors	217	612	98	202	205	410	218	571
Grain and bean combines, self-propelled only	50	57	35	40	17	17	50	58
Comb heads for combines	13	15	11	(D)	2	(D)	—	—
Other crop pickers and picker-shellers	—	—	—	—	—	—	11	11
Cottonpickers	70	103	45	57	36	46	(NA)	(NA)
Mower conditioners	48	48	20	20	28	28	15	16
Pickup balers	70	82	21	21	50	61	63	69
Field forage harvesters, shear bar or flywheel type	17	19	7	7	10	12	13	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	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	184	114	(X)	160	(X)	159	117
Workers	1 922	389		1 533		1 716	1 095
Farms with—							
1 worker	40	42	42	35	35	28	28
2 workers	31	20	40	38	76	26	10
3 or 4 workers	24	18	63	23	73	22	18
5 to 9 workers	35	26	151	26	169	33	26
10 workers or more	54	8	93	38	1 180	50	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	194	(X)	209	(X)	151	(X)	137
Any cattle, hogs, or sheep	177	(X)	194	(X)	138	(X)	128
Sales:							
Any livestock or poultry and their products	\$1,000	183	17 529	201	16 812	146	133
Any cattle, hogs, or sheep	\$1,000	169	(D)	183	(NA)	138	130
CATTLE AND CALVES							
Inventory:							
Cattle and calves	165	43 748	173	61 844	127	30 767	108
Cows and heifers that had calved	138	19 552	160	24 482	110	14 750	99
Beef cows	115	19 159	138	24 181	95	14 375	92
Milk cows	34	393	49	301	22	375	25
Heifers and heifer calves	129	11 228	(NA)	(NA)	97	7 019	96
Steers, steer calves, bulls and bull calves	143	12 968	(NA)	(NA)	110	8 998	95
Sales:							
Cattle and calves	156	34 665	158	43 723	125	29 365	108
\$1,000	(X)	12 462	(X)	(NA)	(X)	11 114	36 631
Calves	89	6 444	(NA)	(NA)	71	5 531	12 428
\$1,000	(X)	1 281	(X)	(NA)	(X)	1 093	4 650
Cattle	108	28 221	(NA)	(NA)	87	23 834	88
\$1,000	(X)	11 181	(X)	(NA)	(X)	10 021	31 981
Fattened cattle	7	(D)	(NA)	(NA)	6	(D)	8
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(D)
Dairy products	7	(D)	(NA)	(NA)	6	(D)	4
							267
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	37	34 234	44	21 701	28	33 254	39
Used or to be used for breeding	25	4 117	(NA)	(NA)	22	4 009	32
Other hogs and pigs	35	30 117	(NA)	(NA)	27	29 245	38
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	27	6 640	36	4 165	22	6 521	33
Dec. 1 of preceding year and May 31	25	3 380	36	2 176	22	3 323	4 142
June 1 and Nov. 30	24	3 260	30	1 989	21	3 198	(D)
Sheep and lambs	6	37	1	(D)	2	(D)	—
Ewes 1 year old or older	5	22	(NA)	(NA)	2	(D)	—
Goats	4	16	(NA)	(NA)	1	(D)	—
Horses and ponies	96	805	73	1 104	72	436	43
Sales:							
Hogs and pigs	28	43 601	38	33 222	26	(D)	35
\$1,000	(X)	4 347	(X)	(NA)	(X)	(X)	33 097
Feeder pigs	7	2 721	9	1 964	6	(D)	9
\$1,000	(X)	115	(X)	(NA)	(X)	(X)	2 675
Sheep and lambs	2	(D)	1	(D)	2	(D)	—
Sheep and lambs shorn	2	(D)	(NA)	(NA)	2	(D)	—
Pounds of wool	(X)	(D)	(X)	(X)	(D)	(X)	—
Sheep, lambs, and wool	\$1,000	2	(D)	(NA)	2	(D)	—
Goats	(X)	(D)	(X)	(NA)	2	(D)	—
\$1,000	20	36	13	107	15	23	10
Horses and ponies	\$1,000	(X)	14	(X)	(NA)	(X)	48
							22
POULTRY							
Inventory:							
Any poultry	46	(X)	26	(X)	31	(X)	13
Chickens 3 months old or older	44	1 310	26	804	29	729	(X)
Hens and pullets of laying age	44	1 184	23	720	29	658	373
Pullets 3 months old or older	6	126	(NA)	(NA)	3	71	335
Pullet chicks and pullets under 3 months old	4	(D)	(NA)	(NA)	2	(D)	—
Broilers and other meat-type chickens	9	55	2	(D)	5	12	(D)
Turkeys	5	17	(NA)	(NA)	1	(D)	—
Turkeys for slaughter	2	(D)	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	3	(D)	(NA)	(NA)	1	(D)	—
Other poultry	8	(X)	(NA)	(X)	4	(X)	1
Sales:							
Any poultry	5	(X)	4	(X)	4	(X)	(X)
Chickens 3 months old or older	4	169	4	64	3	(D)	—
Hens and pullets of laying age	4	169	4	64	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	—	—	(NA)	(NA)	—	—	—
Turkeys	1	(D)	(NA)	(NA)	1	(D)	—
Turkeys for slaughter	1	(D)	(NA)	(NA)	1	(D)	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	(X)
Other poultry	—	(X)	(NA)	(X)	—	(X)	—
Poultry and poultry products	\$1,000	9	2	4	(Z)	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--	32	8 887	(X)	32	8 887	29	8 824	(X)	29	8 824
	1974--	12	78	(X)	(NA)	(NA)	4	33	(X)	4	33
For grain or seed (bushels) -----	1978--	26	8 401	862 638	26	8 401	23	8 338	858 334	23	8 338
	1974--	5	26	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
For silage or green chop (tons, green) -----	1978--	8	486	6 882	8	486	8	486	6 882	8	486
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
For fodder, hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)
Sorghums for all purposes -----	1978--	25	3 020	(X)	25	3 020	23	(D)	(X)	23	(D)
	1974--	86	15 590	(X)	(NA)	(NA)	78	15 520	(X)	78	15 520
For grain or seed (bushels) -----	1978--	22	2 718	246 175	22	2 718	20	(D)	(D)	20	(D)
	1974--	78	15 212	1 368 912	(NA)	(NA)	75	15 191	1 367 849	75	15 191
For silage or green chop (tons, green) -----	1978--	3	302	5 424	3	302	3	302	5 424	3	302
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	161	3 250	3	161
Cut for dry forage or hay (tons, dry) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	74	120	3	74
Hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	4	94	(X)	4	94
Wheat for grain (bushels) -----	1978--	16	1 265	94 160	16	1 265	13	1 118	82 244	13	1 118
	1974--	36	2 683	135 229	(NA)	(NA)	34	(D)	(D)	34	2 681
Oats for grain (bushels) -----	1978--	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	4	533	33 249	4	533
Barley for grain (bushels) -----	1978--	44	3 732	288 589	44	3 732	40	3 372	257 110	40	3 372
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	64	6 856	464 084	64	6 856
Rye for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Other small grains for grain -----	1978--	1	(D)	(X)	(D)	(X)	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels) -----	1978--	1	(D)	(D)	1	(D)	-	-	-	1	-
	1974--	1	(D)	(D)	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales) -----	1978--	105	22 230	32 041	105	22 230	103	(D)	(D)	103	(D)
	1974--	84	12 832	20 149	(NA)	(NA)	79	12 769	20 066	79	12 769
Tobacco (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Sweetpotatoes (bushels) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text) -----	1978--	101	4 335	21 651	101	4 335	82	3 839	19 738	82	3 839
	1974--	88	4 706	23 774	(NA)	(NA)	80	4 431	23 256	80	4 394
Alfalfa hay (tons, dry) -----	1978--	95	4 033	20 936	95	4 033	78	3 544	19 030	78	3 544
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	79	4 032	22 245	79	4 032
Other tame dry hay (tons, dry) (see text) -----	1978--	10	118	143	10	118	6	(D)	(D)	8	(D)
Field seed crops -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	5	80	(X)	5	80
Alfalfa seed (pounds) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	5	80	12 200	5	80
Red clover seed (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text) -----	1978--	10	27	(X)	10	27	4	10	(X)	4	10
	1974--	13	13	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Sweet corn -----	1978--	4	7	(X)	4	7	1	(X)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Tomatoes -----	1978--	6	3	(X)	6	3	2	(D)	(X)	2	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Green peas excluding cowpeas -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Land in orchards -----	1978--	29	151	(X)	29	151	18	106	(X)	18	106
	1974--	25	141	(X)	(NA)	(NA)	5	60	(X)	5	60
Apples (pounds) -----	1978--	11	36	35 670	(NA)	(NA)	7	28	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	22	(NA)	(NA)	(NA)	(NA)
Peaches (pounds) -----	1978--	13	10	4 560	(NA)	(NA)	7	4	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	(NA)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	4	2	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
Strawberries (pounds) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(D)	-	-
Nursery and greenhouse products -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	-	-	(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	124	160 965	140	207 125	91	147 695	65	182 823
Average size of farm	(X)	1 298	(X)	1 479	(X)	1 623	(X)	2 813
Approximate land area	(X)	1 202 560	(X)	1 202 560	(X)	1 202 560	(X)	1 202 560
Proportion in farms percent	(X)	13.4	(X)	17.2	(X)	12.3	(X)	15.2
Value of land and buildings: ¹								
Average per farm	283 809	(X) 223	137 579	(X) 93	352 410	(X) 218	231 600	(X) 82
Land in farms according to use:								
Total cropland	86	8 084	111	(D)	61	(D)	45	5 888
Harvested cropland	66	4 663	89	4 870	48	4 427	35	3 899
By acres harvested:								
1 to 9 acres	17	92	32	(NA)	9	51	2	(NA)
10 to 19 acres	14	174	11	(NA)	9	105	5	(NA)
20 to 29 acres	9	211	3	(NA)	6	145	3	(NA)
30 to 49 acres	6	219	28	(NA)	4	(D)	10	(NA)
50 to 99 acres	5	407	2	(NA)	5	407	2	(NA)
100 to 199 acres	7	1 121	6	(NA)	7	1 121	6	(NA)
200 to 499 acres	7	(D)	6	(NA)	7	1 607	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	38	(D)	72	3 818	28	(D)	30	1 540
Other cropland	35	(D)	12	(D)	25	2 093	8	449
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	2	(D)	(NA)	(NA)	2	(D)	3	120
Cropland on which all crops failed	9	925	(NA)	(NA)	5	(D)	-	-
Cropland in cultivated summer fallow	4	(D)	(NA)	(NA)	3	(D)	-	-
Cropland idle	24	1 093	(NA)	(NA)	19	1 047	6	329
Total woodland	3	230	2	(D)	1	(D)	-	-
Woodland pastured	2	(D)	(NA)	(NA)	-	-	-	-
Woodland not pastured	1	(D)	(NA)	(NA)	1	(D)	-	-
Other land	98	152 651	121	197 938	72	140 011	54	176 935
Pastureland and rangeland, other than cropland and woodland pastured	61	149 097	(NA)	(NA)	49	(D)	42	174 419
Land in house lots, ponds, roads, wasteland, etc.	67	3 554	(NA)	(NA)	46	(D)	37	2 516
Pastureland, all types	85	150 415	(NA)	(NA)	66	138 031	(NA)	175 959
Irrigated land	83	5 641	97	5 523	60	5 333	39	4 435
Harvested cropland irrigated	66	4 601	(NA)	(NA)	48	4 365	35	3 899
Pastureland irrigated	30	832	(NA)	(NA)	24	792	(NA)	(D)
Other land irrigated	9	208	(NA)	(NA)	6	176	2	(D)
Land set aside in the federal farm programs in 1978	7	(D)	(X)	(X)	7	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	124	3 761	140	2 053	91	3 717	65	1 963
Average per farm	(X)	30 332	(X)	14 664	(X)	40 842	(X)	30 200
Farms by value of agricultural products sold: ¹								
\$100,000 or more	7	1 657	2	(NA)	7	1 657	2	(NA)
\$40,000 to \$99,999	20	1 257	10	(NA)	20	1 257	10	(NA)
\$20,000 to \$39,999	13	336	9	(NA)	13	336	9	(NA)
\$10,000 to \$19,999	21	308	19	(NA)	21	308	19	(NA)
\$5,000 to \$9,999	16	111	12	(NA)	16	111	12	(NA)
\$2,500 to \$4,999	14	47	9	(NA)	14	47	9	(NA)
Less than \$2,500 (see text)	33	44	79	(NA)	(X)	(X)	4	(NA)
\$2,000 to \$2,499	6	13	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	7	12	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	12	15	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	8	5	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	-	-	(NA)	(NA)	(X)	(X)	(X)	(X)
Crops	45	1 066	72	804	33	(D)	(NA)	753
Grains	18	156	(NA)	(NA)	14	151	22	224
Commodity Credit Corporation loans	-	-	(NA)	(NA)	-	-	(NA)	(NA)
Cotton and cottonseed	14	549	(NA)	(NA)	14	549	15	227
Commodity Credit Corporation loans	2	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)
Tobacco	-	-	(NA)	(NA)	-	-	-	-
Field seeds, hay, forage, and silage	31	285	(NA)	(NA)	23	274	18	278
Vegetables, sweet corn, and melons	7	76	(NA)	(NA)	7	76	3	22
Fruits, nuts, and berries	-	-	(NA)	(NA)	-	-	5	3
Nursery and greenhouse products	-	-	-	-	-	-	-	-
Other crops	-	-	(NA)	(NA)	-	-	1	(D)
Livestock, poultry, and their products	96	2 695	96	1 249	75	(D)	59	1 210
Poultry and poultry products	7	3	9	3	3	(D)	5	3
Dairy products	3	(D)	(NA)	(NA)	2	(D)	2	(D)
Cattle and calves	85	2 023	(NA)	(NA)	70	2 004	55	880
Hogs and pigs	3	(D)	(NA)	(NA)	2	(D)	3	142
Sheep, lambs, and wool	4	1	(NA)	(NA)	4	1	5	1
Other livestock and livestock products (see text)	17	32	(NA)	(NA)	11	29	5	(D)

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms	124	140	160 965	66	41 909	4 663	83	52 812	4 663	5 641
Farms with—										
1 to 9 acres	8	27	22	2	(D)	(D)	3	15	(D)	11
10 to 49 acres	26	18	604	17	395	218	22	468	218	353
50 to 69 acres	6	23	327	5	275	56	6	327	56	145
70 to 99 acres	8	5	619	6	466	159	7	541	159	234
100 to 139 acres	9	5	1 017	3	371	92	5	602	92	278
140 to 179 acres	10	9	1 593	5	793	73	6	953	73	159
180 to 219 acres	10	8	1 924	8	1 554	984	10	1 924	984	1 044
220 to 259 acres	3	3	703	2	(D)	(D)	3	703	(D)	447
260 to 499 acres	14	12	4 813	8	2 903	945	8	2 903	945	945
500 to 999 acres	8	4	5 494	4	2 878	1 275	4	2 878	1 275	1 365
1,000 to 1,999 acres	6	10	8 450	2	(D)	(D)	4	5 510	(D)	41
2,000 acres or more	16	16	135 399	4	29 328	459	5	35 988	459	619

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	124	160 965	140	207 125	91	147 695	65	182 823	
Harvested cropland	66	4 663	89	4 870	48	4 427	35	3 899	
Tenure of operator:									
Full owners	87	39 081	110	41 553	63	(D)	50	38 120	
Harvested cropland	45	2 337	(NA)	3 603	29	(D)	(NA)	2 657	
Part owners	26	120 483	21	159 492	19	109 225	12	139 196	
Harvested cropland	15	1 847	(NA)	998	13	(D)	(NA)	988	
Tenants	11	1 401	9	6 080	9	(D)	3	5 507	
Harvested cropland	6	479	(NA)	269	6	479	(NA)	254	
Type of organization:									
Individual or family	95	143 487	(NA)	(NA)	69	134 419	54	172 086	
Partnership	25	12 858	(NA)	(NA)	18	8 656	9	(D)	
Corporation	4	4 620	(NA)	(NA)	4	4 620	2	(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	'1974	1978	'1974			1978	'1974	1978	'1974
Operators by principal occupation:									
Farming	55	48	50	35					
Other	69	90	41	28					
Operators by age group:									
Under 25 years	2	—	2	—					
25 to 34 years	10	11	9	5					
35 to 44 years	29	17	15	8					
45 to 54 years	25	17	15	8					
55 to 64 years	32	52	28	25					
65 years and over	26	41	22	17					
Average age	52.5	56.1	53.8	55.4					
Operators by place of residence:									
On farm operated					75	63	57	40	
Not on farm operated					35	28	24	15	
Not reported					14	47	10	8	
Operators reporting days of work off farm:									
None					43	20	35	17	
1 to 49 days					6	3	5	2	
50 to 99 days					4	1	4	—	
100 to 149 days					7	—	5	—	
150 to 199 days					7	10	4	6	
200 days or more					52	61	34	20	

*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	56	446	68	152	41	435	31	132
Feed for livestock and poultry	87	529	102	321	70	513	51	290
Commercially mixed formula feeds	20	118	73	164	11	108	38	150
Animal health costs	59	30	(NA)	(NA)	52	30	30	9
Seeds, bulbs, plants, and trees	54	61	64	33	41	59	28	29
Commercial fertilizer	42	88	45	63	38	86	32	61
Other agricultural chemicals including lime	37	41	14	8	30	40	10	8
Hired farm labor	71	330	66	246	58	321	50	242
Contract labor	11	62	9	22	11	62	6	20
Customwork, machine hire, and rental of machinery and equipment	25	44	32	49	20	41	20	47
Energy and petroleum products	124	390	(NA)	(NA)	91	380	(NA)	(NA)
Petroleum products	124	315	120	131	91	307	64	118
Gasoline	123	123	(NA)	(NA)	90	116	58	69
Diesel fuel	48	70	(NA)	(NA)	43	69	28	28
LP gas, butane, and propane	29	12	(NA)	(NA)	29	12	20	8
Fuel oil	4	1	(NA)	(NA)	4	—	—	—
Natural gas	28	92	(NA)	(NA)	24	91	64	12
Kerosene, motor oil, and grease	124	18	(NA)	(NA)	91	17	(NA)	(NA)
Electricity	71	73	(NA)	(NA)	57	72	(NA)	(NA)
Other—coal, wood, coke, 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—						
Cropland fertilized, except pasture	42	4 183	38	4 115	32	2 504
Pasture and rangeland fertilized	37	3 908	33	3 840	(NA)	2 136
Lime—	8	275	8	275	(NA)	368
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops	22	2 006	18	1 930	(NA)	783
Nematodes in crops	—	—	—	—	—	—
Diseased crops and orchards	11	395	8	392	—	—
Weeds, grass, or brush in crops and pasture	22	1 339	18	1 223	(NA)	523
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	7	664	7	664	1	(D)
Insect control on livestock and poultry	19	(X)	12	(X)	6	(X)
Sanitation and rodent and bird control	4	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—								
\$1,000—								
farms	123	116	90	62				
\$2,681	1 571	2 382	1 225					
Average per farm—	21 800	13 543	26 465	19 758				
Farms by value group:								
\$1 to \$4,999	13	30	11	14				
\$5,000 to \$9,999	32	42	8	10				
\$10,000 to \$19,999	32	20	27	14				
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	25	12	23	12				
\$30,000 to \$49,999	14	6	14	6				
\$50,000 to \$69,999	1	2	1	2				
\$70,000 to \$99,999	5	4	5	4				
\$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		Manufactured 1970 to 1974		
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Manufactured 1970 to 1974
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	66	93	32	44	46	49	78	93
Motortrucks including pickups	107	192	65	82	72	110	108	200
Wheel tractors	76	130	15	22	69	108	78	137
Grain and bean combines, self-propelled only	13	13	4	4	9	9	5	5
Corn heads for combines	8	8	—	—	8	8	1	—
Other compickers and picker-shellers	—	—	—	—	—	—	—	—
Cottonpickers	19	20	3	4	16	16	(NA)	(NA)
Mower conditioners	22	23	5	5	17	18	10	10
Pickup balers	27	28	6	7	21	21	21	23
Field forage harvesters, shear bar or flywheel type	5	6	1	(D)	5	(D)	4	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	71	26	(X)	64	(X)	58	50
Workers	448	(X)	44	(X)	404	426	324
Farms with—							
1 worker	22	21	21	18	18	12	8
2 workers	5	2	(D)	4	8	5	4
3 or 4 workers	10	1	(D)	9	30	7	10
5 to 9 workers	20	1	(D)	21	141	20	17
10 workers or more	14	1	(D)	12	207	14	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	98	(X)	100	(X)	74	(X)	62
Any cattle, hogs, or sheep	89	(X)	94	(X)	72	(X)	58
Sales:							
Any livestock or poultry and their products	\$1,000	96	2 695	(D)	96	1 249	59
Any cattle, hogs, or sheep	\$1,000	87			91	(NA)	57
CATTLE AND CALVES							
Inventory:							
Cattle and calves	86	13 920	90	12 384	69	13 677	58
Cows and heifers that had calved	75	8 394	79	7 075	62	8 293	51
Beef cows	71	7 991	72	7 011	60	7 902	49
Milk cows	28	403	30	64	25	391	21
Heifers and heifer calves	67	2 424	(NA)	(NA)	54	2 350	46
Steers, steer calves, bulls and bull calves	76	3 102	(NA)	(NA)	61	3 034	49
Sales:							
Cattle and calves	\$1,000	85	7 538	(X)	82	5 069	70
Calves	\$1,000	67	2 023	(X)	(NA)	(X)	2 004
Cattle	\$1,000	66	4 001	(X)	(NA)	54	3 925
Fattened cattle	\$1,000	4	881	(X)	(NA)	870	(X)
Dairy products	\$1,000	3	1 142	(X)	(NA)	1 134	(X)
					12	4	—
					(X)	5	(X)
					(D)	2	(D)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	9	890	13	1 467	7	(D)	3
Used or to be used for breeding	5	(D)	(NA)	(NA)	4	(D)	3
Other hogs and pigs	6	(D)	(NA)	(NA)	5	(D)	3
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	3	194	8	213	2	(D)	3
Dec. 1 of preceding year and May 31	3	(D)	6	100	2	(D)	3
June 1 and Nov. 30	2	(D)	6	113	2	(D)	3
Sheep and lambs	5	75	8	194	5	75	6
Ewes 1 year old or older	4	46	(NA)	(NA)	4	46	46
Goats	1	(D)	(NA)	(NA)	—	—	—
Horses and ponies	66	525	55	360	49	459	34
Sales:							
Hogs and pigs	\$1,000	3	(D)	10	1 714	2	(D)
Feeder pigs	\$1,000	1	(D)	3	(X)	—	(D)
Sheep and lambs	\$1,000	(X)	(D)	(X)	(X)	—	(D)
Sheep and lambs shorn	\$1,000	3	45	(NA)	(NA)	4	45
Pounds of wool	\$1,000	4	574	(X)	(NA)	574	(X)
Sheep, lambs, and wool	\$1,000	4	1	(NA)	(NA)	1	5
Goats	\$1,000	—	—	(NA)	(NA)	—	—
Horses and ponies	\$1,000	15	55	6	37	11	5
		(X)	31	(X)	(NA)	50	(D)
					(X)	28	(D)
POULTRY							
Inventory:							
Any poultry	26	(X)	23	(X)	16	(X)	12
Chickens 3 months old or older	25	1 216	23	994	15	707	(X)
Hens and pullets of laying age	25	1 096	23	881	15	587	593
Pullets 3 months old or older	4	120	(NA)	(NA)	4	120	574
Pullet chicks and pullets under 3 months old	3	(D)	(NA)	(NA)	3	(D)	—
Broilers and other meat-type chickens	3	11	8	156	—	—	(D)
Turkeys	2	(D)	(NA)	(NA)	—	—	2
Turkeys for slaughter	1	(D)	(NA)	(NA)	—	—	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	—	—	—
Other poultry	2	(X)	(NA)	(X)	1	(X)	(X)
Sales:							
Any poultry	3	(X)	5	(X)	1	(X)	2
Chickens 3 months old or older	1	(D)	5	84	—	—	(D)
Hens and pullets of laying age	1	(D)	3	29	—	—	(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)	—	—	—
Turkeys	—	—	(NA)	(NA)	—	—	—
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—
Other poultry	1	(X)	(NA)	(X)	—	—	—
Poultry and poultry products	\$1,000	7	3	9	3	(X)	5
					(D)	—	(X)
						3	—

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--	17	674	(X)	17	674	11	583	(X)	11	583
	1974--	7	31	(X)	(NA)	5	(D)	(X)	5	28	
For grain or seed (bushels) -----	1978--	14	451	28 268	14	451	8	360	26 470	8	360
	1974--	4	7	242	(NA)	(NA)	2	(D)	(D)	2	(D)
For silage or green chop (tons, green) -----	1978--	6	223	5 146	6	223	6	223	5 146	6	223
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	24	460	3	(D)
For fodder, hogged or grazed -----	1978--	-	-	(X)	(NA)	-	-	(X)	-	-	
	1974--	(NA)	(NA)	(X)	(NA)	-	-	(X)	-	-	
Sorghums for all purposes -----	1978--	9	923	(X)	9	923	8	(D)	(X)	8	(D)
	1974--	13	476	(X)	(NA)	9	(NA)	(X)	9	462	
For grain or seed (bushels) -----	1978--	9	923	49 736	9	923	8	(D)	(D)	8	(D)
	1974--	11	470	44 809	(NA)	(NA)	9	(D)	(D)	9	462
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)	(NA)	-	-	(X)	-	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Wheat for grain (bushels) -----	1978--	3	183	5 350	3	183	3	183	5 350	3	183
	1974--	37	1 686	53 154	(NA)	(NA)	18	868	45 892	18	868
Oats for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Barley for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
Rye for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Other small grains for grain -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Soybeans for beans (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales) -----	1978--	14	1 266	1 786	14	1 266	14	1 266	1 786	14	1 266
	1974--	15	842	1 114	(NA)	(NA)	15	842	1 114	15	842
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--	50	1 691	6 685	49	1 629	38	1 570	6 403	37	1 508
	1974--	58	1 794	8 490	(NA)	(NA)	30	1 704	8 178	30	1 704
Alfalfa hay (tons, dry) -----	1978--	48	1 466	6 149	48	1 466	36	1 345	5 867	36	1 345
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	28	1 644	8 007	28	1 644
Other tame dry hay (tons, dry) (see text) -----	1978--	3	(D)	(D)	1	(D)	3	(D)	(D)	1	(D)
Field seed crops -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Red clover seed (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text) -----	1978--	7	75	(X)	7	75	7	75	(X)	7	75
	1974--	26	32	(X)	(NA)	(NA)	3	18	(X)	3	18
Sweet corn -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Tomatoes -----	1978--	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Green peas excluding cowpeas -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	(X)	-	-	-
Land in orchards -----	1978--	7	19	(X)	7	19	4	9	(X)	4	9
	1974--	11	18	(X)	(NA)	(NA)	8	15	(X)	8	15
Apples (pounds) -----	1978--	4	4	(D)	(NA)	(NA)	3	(D)	(NA)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	5	1 400	(NA)	(NA)
Peaches (pounds) -----	1978--	5	1	-	(NA)	(NA)	3	(D)	(NA)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(NA)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	1	(D)	(D)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	-	-	(X)	(NA)	(NA)	-	(X)	-	-	-
Strawberries (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products -----	1978--	-	-	(X)	-	-	-	(X)	-	-	-
	1974--	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	2 028	1 413 279	1 842	1 538 427	1 434	1 333 631	1 359	1 468 644
Average size of farm	(X)	697	(X)	835	(X)	930	(X)	1 081
Approximate land area	(X)	5 859 200	(X)	5 859 200	(X)	5 859 200	(X)	5 859 200
Proportion in farms	percent	24.1	(X)	26.3	(X)	22.8	(X)	25.1
Value of land and buildings: ¹								
Average per farm	819 911	(X)	597 542	(X)	1 076 645	(X)	755 993	(X)
Average per acre		1 183		715		1 162		700
Land in farms according to use:								
Total cropland	1 603	509 001	1 484	513 749	1 163	499 549	1 105	506 466
Harvested cropland	1 295	432 225	1 288	408 819	1 013	427 476	1 012	404 480
By acres harvested:								
1 to 9 acres	321	1 231	285	(NA)	128	441	98	(NA)
10 to 19 acres	159	2 052	167	(NA)	105	1 389	94	(NA)
20 to 29 acres	81	1 814	88	(NA)	63	1 429	82	(NA)
30 to 49 acres	89	3 221	107	(NA)	84	3 051	105	(NA)
50 to 99 acres	121	8 704	140	(NA)	118	8 474	139	(NA)
100 to 199 acres	123	17 084	120	(NA)	118	16 229	118	(NA)
200 to 499 acres	171	55 074	169	(NA)	169	(D)	166	(NA)
500 to 999 acres	118	81 771	110	(NA)	116	(D)	108	(NA)
1,000 acres or more	112	261 274	102	(NA)	112	261 274	102	(NA)
Cropland used only for pasture	442	(D)	357	15 052	255	(D)	212	12 853
Other cropland	350	(D)	269	89 878	288	(D)	243	89 133
Cropland in cover crops, legumes, and soil-improvement								
grasses, not harvested or pastured	11	(D)	(NA)	(NA)	8	(D)	16	7 724
Cropland on which all crops failed	32	1 385	(NA)	(NA)	20	1 080	14	2 628
Cropland in cultivated summer fallow	53	15 568	(NA)	(NA)	49	15 077	41	16 465
Cropland idle	276	46 759	(NA)	(NA)	230	45 182	187	62 316
Total woodland	37	5 869	18	5 469	22	3 103	14	2 299
Woodland pastured	11	(D)	(NA)	(NA)	5	(D)	5	2 133
Woodland not pastured	28	(D)	(NA)	(NA)	17	(D)	9	166
Other land	1 235	898 409	1 111	1 019 209	878	830 979	837	959 879
Pastureland and rangeland, other than cropland and woodland pastured	246	839 796	(NA)	(NA)	180	779 939	155	874 048
Land in house lots, ponds, roads, wasteland, etc.	1 108	58 613	(NA)	(NA)	777	51 040	767	85 831
Pastureland, all types	662	856 643	(NA)	(NA)	413	792 344	(NA)	889 034
Irrigated land	1 553	452 147	1 414	426 846	1 123	445 604	1 068	421 299
Harvested cropland irrigated	1 264	430 662	(NA)	(NA)	988	425 968	984	403 945
Pastureland irrigated	421	7 719	(NA)	(NA)	231	6 308	(NA)	9 846
Other land irrigated	102	13 766	(NA)	(NA)	81	13 328	41	7 508
Land set aside in the federal farm programs in 1978	82	4 417	(X)	(X)	81	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	2 028	539 435	1 842	418 335	1 434	537 211	1 359	415 081
Average per farm	(X)	265 993	(X)	227 109	(X)	374 624	(X)	305 431
Farms by value of agricultural products sold: ¹								
\$100,000 or more	592	517 776	496	(NA)	592	517 776	496	(NA)
\$40,000 to \$99,999	183	11 918	180	(NA)	183	11 918	180	(NA)
\$20,000 to \$39,999	143	4 003	137	(NA)	143	4 003	137	(NA)
\$10,000 to \$19,999	110	1 536	141	(NA)	110	1 536	141	(NA)
\$5,000 to \$9,999	168	1 149	165	(NA)	168	1 149	165	(NA)
\$2,500 to \$4,999	238	828	174	(NA)	238	828	174	(NA)
Less than \$2,500 (see text)	583	635	537	(NA)	(X)	(X)	66	(NA)
\$2,000 to \$2,499	79	172	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	111	188	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	171	208	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	222	68	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	11	1 588	12	(NA)	(X)	(X)	(X)	(X)
Crops	1 086	299 048	1 134	204 917	926	298 053	(NA)	204 070
Grains	208	10 128	(NA)	(NA)	198	10 084	358	23 057
Commodity Credit Corporation loans	17	98	(NA)	(NA)	17	98	(NA)	(NA)
Cotton and cottonseed	483	169 821	(NA)	(NA)	473	169 381	411	83 904
Commodity Credit Corporation loans	17	668	(NA)	(NA)	17	668	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	454	15 690	(NA)	(NA)	380	15 406	423	20 364
Vegetables, sweet corn, and melons	99	52 181	(NA)	(NA)	94	52 175	97	33 221
Fruits, nuts, and berries	242	24 120	(NA)	(NA)	179	23 996	210	20 157
Nursery and greenhouse products	94	12 582	79	4 642	85	12 573	70	4 631
Other crops	54	14 526	(NA)	(NA)	51	14 438	51	18 736
Livestock, poultry, and their products	1 121	240 387	937	213 401	735	239 158	636	211 011
Poultry and poultry products	96	5 046	72	2 730	50	5 036	32	2 721
Dairy products	154	81 693	(NA)	(NA)	147	81 051	134	52 299
Cattle and calves	735	138 387	(NA)	(NA)	512	138 048	521	148 806
Hogs and pigs	112	1 727	(NA)	(NA)	55	1 689	61	2 029
Sheep, lambs, and wool	75	4 947	(NA)	(NA)	59	4 940	46	2 917
Other livestock and livestock products (see text)	420	8 585	(NA)	(NA)	249	8 394	112	2 239

¹1974 data include sales of forest products.

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

Farms	1978									
		Farms with harvested cropland			Farms with irrigated land					
		1978	1974	Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	
All farms	2 028	1 842	1 413 279	1 295	848 277	432 225	1 553	896 154	431 617	452 147
Farms with—										
1 to 9 acres	627	487	2 326	227	1 013	749	370	1 628	721	1 299
10 to 49 acres	574	558	12 407	359	7 916	5 975	442	9 400	5 885	7 414
50 to 69 acres	67	77	3 860	40	2 337	1 848	53	3 067	1 798	2 309
70 to 99 acres	101	92	8 200	85	6 925	5 318	91	7 381	5 318	5 828
100 to 139 acres	67	56	7 781	58	6 765	5 550	62	7 241	5 550	6 038
140 to 179 acres	62	72	9 681	54	8 393	6 989	56	8 723	6 989	7 172
180 to 219 acres	36	37	7 170	30	5 984	3 808	31	6 164	3 808	4 650
220 to 259 acres	45	38	10 600	41	9 640	8 269	41	9 640	8 269	8 291
260 to 499 acres	113	137	40 563	103	36 967	29 722	105	37 403	29 282	30 452
500 to 999 acres	152	122	104 499	143	98 431	78 509	145	99 721	78 509	81 702
1,000 to 1,999 acres	95	89	131 695	90	124 450	89 864	90	124 450	89 864	91 473
2,000 acres or more	89	77	1 074 497	65	539 456	195 624	67	581 336	195 624	205 519

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	2 028	1 413 279	1 842	1 538 427	1 434	1 333 631	1 359	1 468 644
Harvested cropland	1 295	432 225	1 288	408 819	1 013	427 476	1 012	404 480
Tenure of operator:								
Full owners	1 330	275 394	1 188	289 734	822	204 034	753	222 183
Harvested cropland	751	119 167	(NA)	98 460	504	115 612	(NA)	94 954
Part owners	397	558 245	346	828 895	347	550 556	325	827 139
Harvested cropland	331	217 603	(NA)	223 073	308	216 518	(NA)	222 348
Tenants	301	579 640	308	419 798	265	579 041	281	419 322
Harvested cropland	213	95 455	(NA)	87 286	201	95 346	(NA)	87 178
Type of organization:								
Individual or family	1 466	464 683	(NA)	(NA)	930	454 769	1 008	485 606
Partnership	300	288 968	(NA)	(NA)	257	282 311	195	269 176
Corporation	237	519 665	(NA)	(NA)	235	(D)	152	713 502
Other—cooperative, estate or trust, institutional, etc.	25	139 963	(NA)	(NA)	12	(D)	4	360
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more		
1978	1974	1978	1974	1978	1974	1978	1974	
Operators by principal occupation:				Operators by place of residence:				
Farming	1 000	872	900	818	1 229	879	786	579
Other	1 028	802	534	385	613	491	514	389
Operators by age group:				Not on farm operated				
Under 25 years	45	20	37	16	186	304	134	235
25 to 34 years	297	186	232	114	None			
35 to 44 years	488	357	296	240	1 to 49 days			
45 to 54 years	544	512	367	364	50 to 99 days			
55 to 64 years	442	371	350	297	100 to 149 days			
65 years and over	212	228	152	172	150 to 199 days			
Average age	47.9	50.1	48.1	50.8	200 days or more			
Operators reporting days of work off farm:				839	586	736	529	
None				93	46	77	38	
1 to 49 days				59	34	42	21	
50 to 99 days				67	42	42	23	
100 to 149 days				94	70	60	48	
150 to 199 days				810	632	420	311	

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms		Farms with sales of \$2,500 or more	
	1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	775	87 381	696	73 366
Feed for livestock and poultry	1 061	81 637	922	96 264
Commercially mixed formula feeds	452	34 734	703	33 083
Animal health costs	871	2 412	(NA)	(NA)
Seeds, bulbs, plants, and trees	943	4 881	893	4 495
Commercial fertilizer	1 111	19 431	1 130	15 512
Other agricultural chemicals including lime	1 177	22 639	815	10 150
Hired farm labor	984	54 114	903	37 325
Contract labor	492	9 595	287	5 812
Customwork, machine hire, and rental of machinery and equipment	907	14 051	737	9 369
Energy and petroleum products	1 989	29 059	(NA)	(NA)
Petroleum products	1 984	13 888	1 692	7 529
Gasoline	1 893	4 464	(NA)	(NA)
Diesel fuel	888	4 550	(NA)	(NA)
LP gas, butane, and propane	444	769	(NA)	(NA)
Fuel oil	58	119	(NA)	(NA)
Natural gas	90	2 990	(NA)	(NA)
Kerosene, motor oil, and grease	1 983	996	(NA)	(NA)
Electricity	1 241	15 164	(NA)	(NA)
Other—coal, wood, coke, etc.	22	7	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	1 066	406 573	859	402 684	892	349 188
Cropland fertilized, except pasture	976	404 798	812	401 156	(NA)	346 989
Pasture and rangeland fertilized	129	1 775	61	1 528	(NA)	2 199
Lime	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	745	304 586	656	301 387	(NA)	256 623
Nematodes in crops	140	36 580	133	36 554	49	17 878
Diseases in crops and orchards	171	46 355	106	45 664	42	18 481
Weeds, grass, or brush in crops and pasture	670	233 692	565	230 923	(NA)	168 810
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	454	219 704	414	218 403	195	96 804
Insect control on livestock and poultry	362	(X)	264	(X)	97	(X)
Sanitation and rodent and bird control	122	(X)	85	(X)	(NA)	(X)

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

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

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				
Farms	984	728	(X)	749	(X)	858	28 110	784 17 459		
Workers	28 418	(X)	9 468	18 950						
Farms with—										
1 worker	179	166	166	145	145	123	28 110	135 108		
2 workers	133	93	186	121	242	108				
3 or 4 workers	148	191	642	118	395	113	17 459	105 167		
5 to 9 workers	174	135	869	113	701	167				
10 workers or more	350	143	7 605	252	17 467	347	292	163 292		

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	1 222	(X)	991	(X)	784	(X)	664
Any cattle, hogs, or sheep	891	(X)	862	(X)	585	(X)	577
Sales:							
Any livestock or poultry and their products	1 121	240 387	937	213 401	735	239 158	636
Any cattle, hogs, or sheep	827	145 062	832	(NA)	566	144 677	571
CATTLE AND CALVES							
Inventory:							
Cattle and calves	797	272 345	798	300 129	531	267 803	532
Cows and heifers that had calved	511	83 435	549	74 053	362	81 610	379
Beef cows	317	22 840	357	23 825	198	21 512	227
Milk cows	256	60 595	292	50 228	198	60 098	204
Heifers and heifer calves	515	45 859	(NA)	(NA)	357	44 470	332
Steers, steer calves, bulls and bull calves	652	143 051	(NA)	(NA)	431	141 723	431
Sales:							
Cattle and calves	735	332 712	753	467 491	512	330 953	521
\$1,000	(X)	138 387	(X)	(NA)	(X)	138 048	148 806
Calves	411	60 664	(NA)	(NA)	287	59 542	269
\$1,000	(X)	11 061	(X)	(NA)	(X)	10 953	5 518
Cattle	582	272 048	(NA)	(NA)	420	271 411	465
\$1,000	(X)	127 326	(X)	(NA)	(X)	127 095	143 288
Fattened cattle	150	189 083	(NA)	(NA)	88	188 941	91
\$1,000	(X)	97 306	(X)	(NA)	(X)	97 256	125 474
Dairy products	154	81 693	(NA)	(NA)	147	81 051	134
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	156	11 096	151	18 844	67	9 743	83
Used or to be used for breeding	79	1 553	(NA)	(NA)	37	1 221	42
Other hogs and pigs	145	9 543	(NA)	(NA)	62	8 522	80
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	79	1 961	69	3 744	37	1 780	43
Dec. 1 of preceding year and May 31	62	974	49	1 832	31	880	36
June 1 and Nov. 30	56	987	58	1 912	31	900	34
Sheep and lambs	88	113 745	101	109 282	64	112 778	62
Ewes 1 year old or older	62	37 922	(NA)	(NA)	47	37 102	49
Goats	64	1 075	(NA)	(NA)	27	644	8
Horses and ponies	638	5 585	470	4 374	390	3 663	284
Sales:							
Hogs and pigs	112	17 653	109	28 292	55	16 806	61
\$1,000	(X)	1 727	(X)	(NA)	(X)	1 689	(X)
Feeder pigs	39	1 345	30	2 215	15	871	15
\$1,000	(X)	35	(X)	(NA)	(X)	24	(X)
Sheep and lambs	70	77 085	62	72 864	55	76 977	41
Sheep and lambs shorn	59	61 107	(NA)	(NA)	46	60 873	36
Pounds of wool	522	242	(X)	(NA)	520	079	(X)
Sheep, lambs, and wool	75	4 947	(NA)	(NA)	59	4 940	46
Goats	41	632	(NA)	(NA)	16	417	4
\$1,000	(X)	26	(X)	(NA)	(X)	13	(X)
Horses and ponies	302	1 166	160	944	190	902	95
\$1,000	(X)	7 730	(X)	(NA)	(X)	7 602	(X)
POULTRY							
Inventory:							
Any poultry	296	(X)	230	(X)	142	(X)	97
Chickens 3 months old or older	274	354 611	220	296 043	128	350 752	87
Hens and pullets of laying age	269	353 576	216	294 601	125	350 489	87
Pullets 3 months old or older	55	1 035	(NA)	(NA)	22	263	8
Pullet chicks and pullets under 3 months old	34	776	(NA)	(NA)	14	352	5
Broilers and other meat-type chickens	45	68 701	26	110 911	22	68 330	14
Turkeys	34	169	(NA)	(NA)	16	90	9
Turkeys for slaughter	28	150	(NA)	(NA)	12	82	8
Turkey hens kept for breeding	12	19	(NA)	(NA)	6	8	(D)
Other poultry	87	(X)	(NA)	(X)	44	(X)	23
Sales:							
Any poultry	72	(X)	51	(X)	42	(X)	22
Chickens 3 months old or older	36	239 268	37	226 677	24	238 801	12
Hens and pullets of laying age	33	239 050	32	226 035	22	238 657	11
Pullets 3 months old or older	7	218	(NA)	(NA)	4	144	—
Pullet chicks and pullets under 3 months old	5	197	(NA)	(NA)	2	(D)	—
Broilers and other meat-type chickens	5	(D)	14	551 002	1	(D)	4
Turkeys	8	41	(NA)	(NA)	5	23	1
Turkeys for slaughter	8	41	(NA)	(NA)	5	23	(D)
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—
Other poultry	21	(X)	(NA)	(X)	12	(X)	9
Poultry and poultry products	\$1,000	96	5 046	72	2 730	50	5 036
							32
							2 721

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--	90	12 913	(X)	87	11 863	83	12 787	(X)	81	11 787	
For grain or seed (bushels) -----	1974--	83	6 517	(X)	(NA)	(NA)	77	6 429	(X)	75	6 234	
For silage or green chop (tons, green) -----	1974--	7	2 137	135 820	4	(D)	5	(D)	(D)	3	(D)	
For fodder, hogged or grazed -----	1974--	18	938	40 138	(NA)	(NA)	17	(D)	(D)	15	742	
For grain or seed (bushels) -----	1978--	83	10 776	211 661	83	(D)	78	(D)	210 732	78	(D)	
Sorghums for all purposes-----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	60	(D)	114 110	60	5 492	
For grain or seed (bushels) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
For silage or green chop (tons, green) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—	
Cut for dry forage or hay (tons, dry) -----	1978--	—	—	—	—	—	—	—	—	—	—	
Hogged or grazed -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	—	1	(D)	
For grain or seed (bushels) -----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	1	(D)	
Wheat for grain (bushels) -----	1978--	118	28 699	2 179 045	118	28 699	113	28 492	2 168 085	113	28 492	
Oats for grain (bushels) -----	1978--	258	58 276	3 993 347	(NA)	(NA)	245	58 057	3 982 026	245	58 057	
Barley for grain (bushels) -----	1978--	4	(D)	(D)	3	(D)	3	(D)	(D)	2	(D)	
Rye for grain (bushels) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	9	687	59 450	9	687	
Other small grains for grain -----	1978--	91	9 307	724 258	91	9 307	85	9 198	716 660	85	9 198	
For grain or seed (bushels) -----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	138	18 295	1 449 208	138	18 295	
Soybeans for beans (bushels) -----	1978--	13	2 284	(X)	13	2 284	13	2 284	(X)	13	2 284	
Peanuts for nuts (pounds) -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	32	7 201	(X)	32	7 201	
Cotton (bales) -----	1978--	483	257 889	569 945	483	257 889	473	257 039	568 333	473	257 039	
Tobacco (pounds) -----	1978--	419	158 870	387 314	(NA)	(NA)	411	158 450	386 386	411	158 450	
Irish potatoes (hundredweight) -----	1978--	23	5 696	1 585 301	23	5 696	21	(D)	(D)	21	(D)	
For grain or seed (bushels) -----	1974--	20	8 956	2 585 742	(NA)	(NA)	18	(D)	(D)	18	8 769	
Sweetpotatoes (bushels) -----	1978--	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)	
Hay crops (tons, dry) (see text) -----	1978--	552	57 834	323 978	550	57 606	439	56 328	316 889	437	56 100	
Alfalfa hay (tons, dry) -----	1974--	600	82 147	467 254	(NA)	(NA)	486	80 259	454 034	483	80 169	
Other tame dry hay (tons, dry) (see text) -----	1978--	472	47 863	296 657	472	47 863	380	46 775	290 351	380	46 775	
Field seed crops -----	1978--	35	1 003	4 244	32	945	450	73 304	432 195	450	73 304	
Alfalfa seed (pounds) -----	1978--	4	282	(X)	4	282	3	(D)	(X)	3	(D)	
Red clover seed (pounds) -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	6	630	(X)	6	630	
All vegetables harvested for sale (see text) -----	1978--	99	24 123	(X)	99	24 123	94	24 114	(X)	94	24 114	
Sweet corn -----	1974--	112	23 232	(X)	(NA)	(NA)	101	23 172	(X)	101	23 172	
Tomatoes -----	1978--	5	104	(X)	5	104	5	104	(X)	5	104	
Green peas excluding cowpeas -----	1978--	(NA)	(NA)	(X)	(NA)	(NA)	2	(D)	(X)	2	(D)	
Land in orchards -----	1978--	367	24 586	(X)	367	24 586	213	22 774	(X)	213	22 774	
Apples (pounds) -----	1974--	371	26 942	(X)	(NA)	(NA)	236	26 057	(X)	235	26 061	
Peaches (pounds) -----	1978--	8	(D)	(D)	(NA)	(NA)	3	(D)	(D)	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)	
Berries -----	1978--	48	641	1 697 484	(NA)	(NA)	18	561	1 621 121	(NA)	(NA)	
Strawberries (pounds) -----	1974--	29	2 402	18 905 037	(NA)	(NA)	19	2 390	18 901 527	(NA)	(NA)	
Nursery and greenhouse products -----	1978--	95	1 365	(X)	65	1 266	85	1 357	(X)	61	1 259	
Other crops -----	1978--	31	9 523	(X)	(NA)	(NA)	29	(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	193	2 425 947	155	2 457 832	128	1 869 259	93	1 881 640
Average size of farm	(X)	12 570	(X)	15 857	(X)	14 604	(X)	20 233
Approximate land area	(X)	8 458 880	(X)	8 458 880	(X)	8 458 880	(X)	8 458 880
Proportion in farms percent	(X)	28.7	(X)	29.1	(X)	22.1	(X)	22.2
Value of land and buildings: ¹								
Average per farm	dollars	1 163 122	(X)	721 245	(X)	1 432 210	(X)	910 667
Average per acre	dollars	(X)	91	(X)	45	(X)	97	(X) 45
Land in farms according to use:								
Total cropland	105	(D)	67	9 559	59	(D)	34	6 849
Harvested cropland	78	9 868	54	4 653	43	7 863	32	3 842
By acres harvested:								
1 to 9 acres	33	143	21	(NA)	12	40	6	(NA)
10 to 19 acres	15	200	8	(NA)	8	108	4	(NA)
20 to 29 acres	5	116	10	(NA)	4	(D)	8	(NA)
30 to 49 acres	10	380	2	(NA)	5	195	2	(NA)
50 to 99 acres	4	230	3	(NA)	4	230	3	(NA)
100 to 199 acres	1	(D)	5	(NA)	1	(D)	5	(NA)
200 to 499 acres	6	1 867	3	(NA)	6	1 867	3	(NA)
500 to 999 acres	1	(D)	1	(NA)	1	(D)	—	(NA)
1,000 acres or more	3	5 908	1	(NA)	2	(D)	1	(NA)
Cropland used only for pasture	54	(D)	33	4 739	30	(D)	14	(D)
Other cropland	17	(D)	6	167	8	(D)	2	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	2	(D)	(NA)	(NA)	2	(D)	—	—
Cropland on which all crops failed	2	(D)	(NA)	(NA)	1	(D)	—	—
Cropland in cultivated summer fallow	3	(D)	(NA)	(NA)	2	(D)	—	—
Cropland idle	14	1 899	(NA)	(NA)	6	1 781	2	(D)
Total woodland	8	(D)	8	27 961	3	(D)	4	8 984
Woodland pastured	5	(D)	(NA)	(NA)	3	(D)	4	8 984
Woodland not pastured	3	(D)	(NA)	(NA)	—	—	—	—
Other land	162	2 402 127	147	2 420 312	116	1 849 629	89	1 865 807
Pastureland and rangeland, other than cropland and woodland pastured	108	2 307 694	(NA)	(NA)	87	1 836 963	76	1 626 380
Land in house lots, ponds, roads, wasteland, etc.	94	94 433	(NA)	(NA)	55	12 666	48	239 427
Pastureland, all types	141	2 318 683	(NA)	(NA)	102	1 845 991	(NA)	1 638 291
Irrigated land	93	12 262	60	5 595	52	10 090	37	4 703
Harvested cropland irrigated	76	9 758	(NA)	(NA)	41	7 753	31	3 841
Pastureland irrigated	40	(D)	(NA)	(NA)	26	(D)	(NA)	862
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	—	—
Land set aside in the federal farm programs in 1978	1	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	193	11 260	155	5 100	128	10 618	93	4 791
Average per farm	(X)	58 343	(X)	32 903	(X)	82 952	(X)	51 516
Farms by value of agricultural products sold: ¹								
\$100,000 or more	22	8 563	13	(NA)	22	8 563	13	(NA)
\$40,000 to \$99,999	17	1 190	21	(NA)	17	1 190	21	(NA)
\$20,000 to \$39,999	10	296	14	(NA)	10	296	14	(NA)
\$10,000 to \$19,999	15	205	9	(NA)	15	205	9	(NA)
\$5,000 to \$9,999	32	246	17	(NA)	32	246	17	(NA)
\$2,500 to \$4,999	32	117	17	(NA)	32	117	17	(NA)
Less than \$2,500 (see text)	60	57	59	(NA)	(X)	(X)	2	(NA)
\$2,000 to \$2,499	9	20	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	7	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	14	17	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	30	9	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	5	585	5	(NA)	(X)	(X)	(X)	(X)
Crops	34	2 407	26	903	20	(D)	(NA)	891
Grains	11	338	(NA)	(NA)	8	281	3	(D)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	5	1 154	(NA)	(NA)	4	(D)	2	(D)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	19	850	(NA)	(NA)	15	843	11	418
Vegetables, sweet corn, and melons	2	(D)	(NA)	(NA)	—	—	2	(D)
Fruits, nuts, and berries	9	7	(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	159	8 853	145	4 197	114	(D)	91	3 899
Poultry and poultry products	10	2	5	106	1	(D)	2	(D)
Dairy products	3	(D)	(NA)	(NA)	3	(D)	2	(D)
Cattle and calves	135	7 290	(NA)	(NA)	109	6 977	88	3 558
Hogs and pigs	11	(D)	(NA)	(NA)	5	(D)	3	15
Sheep, lambs, and wool	7	(D)	(NA)	(NA)	1	(D)	2	(D)
Other livestock and livestock products (see text)	28	28	(NA)	(NA)	14	16	6	8

¹1974 data include sales of forest products.

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

Farms		1978									
		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		193	155	2 425 947	78	635 608	9 868	93	653 829	9 788	12 262
Farms with—											
1 to 9 acres		28	24	106	6	30	21	10	55	21	37
10 to 49 acres		32	10	753	23	512	250	25	542	250	322
50 to 69 acres		5	9	282	3	170	56	4	220	56	132
70 to 99 acres		2	2	(D)	2	(D)	(D)	2	(D)	(D)	(D)
100 to 139 acres		10	4	1 182	7	833	200	6	701	120	144
140 to 179 acres		5	3	786	4	626	110	5	786	110	133
180 to 219 acres		4	—	796	2	(D)	(D)	3	616	(D)	115
220 to 259 acres		1	1	(D)	1	(D)	(D)	1	(D)	(D)	(D)
260 to 499 acres		16	12	5 342	8	2 670	1 289	8	2 670	1 289	1 361
500 to 999 acres		11	12	7 987	3	2 350	338	6	4 400	338	411
1,000 to 1,999 acres		7	10	8 572	—	—	—	1	(D)	—	(D)
2,000 acres or more		72	68	2 399 761	19	627 637	7 457	22	642 179	7 457	9 540

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	193	2 425 947	155	2 457 832	128	1 869 259	93	1 881 640			
Harvested cropland	78	9 868	54	4 653	43	7 863	32	3 842			
Tenure of operator:											
Full owners	116	851 637	92	768 794	63	312 149	43	227 476			
Harvested cropland	54	2 985	(NA)	1 361	22	1 003	(NA)	580			
Part owners	58	1 332 953	50	1 590 685	49	1 317 054	43	1 582 231			
Harvested cropland	19	3 930	(NA)	1 851	17	(D)	(NA)	1 831			
Tenants	19	241 357	13	98 353	16	240 056	7	71 933			
Harvested cropland	5	2 953	(NA)	1 441	4	(D)	(NA)	1 431			
Type of organization:											
Individual or family	142	919 169	(NA)	(NA)	90	896 821	67	1 017 163			
Partnership	26	167 524	(NA)	(NA)	18	(D)	12	180 665			
Corporation	18	730 493	(NA)	(NA)	18	730 493	13	(D)			
Other—cooperative, estate or trust, institutional, etc.	7	608 761	(NA)	(NA)	2	(D)	1	(D)			
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more			
1978	1974	1978	1974			1978	1974	1978	1974		
Operators by principal occupation:						Operators by place of residence:					
Farming	86	60	69	48		On farm operated		118	73	75	39
Other	107	76	59	31		Not on farm operated		51	39	34	27
Operators by age group:						Not reported		24	24	19	13
Under 25 years	1	—	1	—		Operators reporting days of work off farm:					
25 to 34 years	17	6	13	4		None		81	40	71	28
35 to 44 years	34	20	24	14		1 to 49 days		10	5	8	4
45 to 54 years	52	48	34	27		50 to 99 days		3	5	2	3
55 to 64 years	51	39	32	25		100 to 149 days		10	1	7	1
65 years and over	38	23	24	9		150 to 199 days		11	4	5	3
Average age	53.1	54.1	52.5	52.8		200 days or more		72	63	33	27

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more					
	1978		1974		1978		1974			
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)		
Livestock and poultry purchased	85	3 131	68	745	62	3 099	48	685		
Feed for livestock and poultry	160	1 366	135	886	110	1 319	87	828		
Commercially mixed formula feeds	37	503	100	523	26	494	64	489		
Animal health costs	118	72	(NA)	(NA)	91	64	53	30		
Seeds, bulbs, plants, and trees	35	112	21	16	25	98	14	16		
Commercial fertilizer	44	269	39	108	28	161	22	89		
Other agricultural chemicals including lime	47	69	22	15	37	55	17	15		
Hired farm labor	79	1 284	63	748	65	1 215	55	709		
Contract labor	12	66	9	22	12	66	8	(D)		
Customwork, machine hire, and rental of machinery and equipment	32	243	28	75	24	160	22	74		
Energy and petroleum products	192	818	(NA)	(NA)	128	774	(NA)	(NA)		
Petroleum products	192	564	134	355	128	529	90	336		
Gasoline	190	321	(NA)	(NA)	126	295	84	209		
Diesel fuel	53	137	(NA)	(NA)	44	132	(D)	64		
LP gas, butane, and propane	36	48	(NA)	(NA)	34	(D)	(D)	29		
Fuel oil	6	1	(NA)	(NA)	5	(D)	(D)	34		
Natural gas	4	12	(NA)	(NA)	4	12	90	34		
Kerosene, motor oil, and grease	192	44	(NA)	(NA)	128	40	(NA)	(NA)		
Electricity	93	252	(NA)	(NA)	64	242	(NA)	(NA)		
Other—coal, wood, coke, etc.	13	3	(NA)	(NA)	13	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		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	34	10 180	21	8 474	22	3 892
Cropland fertilized, except pasture	32	9 130	21	(D)	(NA)	2 310
Pasture and rangeland fertilized	8	1 050	6	(D)	(NA)	1 582
Lime	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	21	3 751	17	3 058	(NA)	915
Nematodes in crops	—	—	—	—	—	—
Diseases in crops and orchards	4	472	4	472	—	—
Weeds, grass, or brush in crops and pasture	17	1 799	12	1 780	(NA)	310
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	7	1 981	6	(D)	—	—
Insect control on livestock and poultry	38	(X)	29	(X)	12	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms	192	142	128	90	Estimated market value of all machinery and equipment—Con.		Estimated market value of all machinery and equipment—Con.	
\$1,000 dollars	4 356	3 216	3 767	2 650	\$20,000 to \$29,999	—	\$20,000 to \$29,999	—
Average per farm	22 685	22 648	29 427	29 444	\$30,000 to \$49,999	—	\$30,000 to \$49,999	—
Farms by value group:					\$50,000 to \$69,999	—	\$50,000 to \$69,999	—
\$1 to \$4,999	39	29	26	19	\$70,000 to \$99,999	—	\$70,000 to \$99,999	—
\$5,000 to \$9,999	60	40	26	16	\$100,000 to \$199,999	—	\$100,000 to \$199,999	—
\$10,000 to \$19,999	38	29	28	17	\$200,000 or more	—	\$200,000 or more	—
1978								
All farms								
Farms	Number	Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Farms	Number	Farms	Number	Farms	Number			
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	85	124	31	35	58	89	82	115
Motortrucks including pickups	183	436	103	163	140	273	130	331
Wheel tractors	105	157	15	23	98	134	83	159
Grain and bean combines, self-propelled only	5	5	1	(D)	4	(D)	2	(D)
Corn heads for combines	—	—	—	—	—	—	1	(D)
Other compickers and picker-shellers	1	(D)	1	(D)	1	(D)	1	(D)
Cottonpickers	4	4	3	(D)	1	(D)	(NA)	(NA)
Mower conditioners	20	25	5	6	17	19	16	19
Pickup balers	22	23	1	(D)	21	(D)	27	32
Field forage harvesters, shear bar or flywheel type	5	6	1	(D)	4	(D)	8	12

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	79	48	(X)	59	(X)	65	55
Workers	508	(X)	183	(X)	325	435	458
Farms with—							
1 worker	16	9	9	14	14	10	10
2 workers	18	15	30	15	30	14	7
3 or 4 workers	15	16	(D)	8	27	14	11
5 to 9 workers	19	2	(D)	16	100	18	17
10 workers or more	11	6	81	6	154	9	10

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

All farms				Farms with sales of \$2,500 or more			
1978		1974		1978		1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY							
Inventory:							
Any livestock or poultry							
Any cattle, hogs, or sheep	166 150	(X) (X)		144 137	(X) (X)	115 111	(X) (X)
Sales:							
Any livestock or poultry and their products	\$1,000			159	8 853	145	4 197
Any cattle, hogs, or sheep	\$1,000			146	7 592	141	(NA)
CATTLE AND CALVES							
Inventory:							
Cattle and calves				141	42 181	132	50 515
Cows and heifers that had calved				121	(D)	112	29 551
Beef cows				113	(D)	109	29 373
Milk cows				26	(D)	15	178
Heifers and heifer calves				119	(D)	(NA)	(NA)
Steers, steer calves, bulls and bull calves				124	13 545	(NA)	(NA)
Sales:							
Cattle and calves	\$1,000			135	23 779	129	22 219
Calves	\$1,000			101	7 290	(X)	(X)
Cattle	\$1,000			107	5 843	(NA)	(NA)
Fattened cattle	\$1,000			10	1 358	(X)	(X)
Dairy products	\$1,000			3	5 932	(X)	(X)
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs				18	(D)	17	194
Used or to be used for breeding				8	(D)	(NA)	(NA)
Other hogs and pigs				18	(D)	(NA)	(NA)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30				9	632	12	55
Dec. 1 of preceding year and May 31				8	(D)	8	35
June 1 and Nov. 30				7	(D)	10	20
Sheep and lambs				7	(D)	7	171
Ewes 1 year old or older				7	(D)	(NA)	(NA)
Goats				3	44	(NA)	(NA)
Horses and ponies				121	1 051	80	819
Sales:							
Hogs and pigs	\$1,000			11	1 966	16	493
Feeder pigs	\$1,000			6	(D)	(X)	(X)
Sheep and lambs	\$1,000			(X)	(D)	4	119
Sheep and lambs shorn				5	(D)	(X)	(X)
Pounds of wool				6	(D)	(NA)	(NA)
Sheep, lambs, and wool	\$1,000			(X)	(D)	(X)	(X)
Goats	\$1,000			3	31	(NA)	(NA)
Horses and ponies	\$1,000			23	60	10	33
				(X)	26	(X)	(NA)
POULTRY							
Inventory:							
Any poultry				48	(X)	26	(X)
Chickens 3 months old or older				42	788	25	(D)
Hens and pullets of laying age				41	716	25	(D)
Pullets 3 months old or older				6	72	(NA)	(NA)
Pullet chicks and pullets under 3 months old				5	14	(NA)	(NA)
Broilers and other meat-type chickens				7	110	1	(D)
Turkeys				3	16	(NA)	(NA)
Turkeys for slaughter				2	(D)	(NA)	(NA)
Turkey hens kept for breeding				1	(D)	(NA)	(NA)
Other poultry				12	(X)	(NA)	(X)
Sales:							
Any poultry				4	(X)	2	(X)
Chickens 3 months old or older				2	(D)	(D)	(D)
Hens and pullets of laying age				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				—	—	(NA)	(NA)
Turkeys				2	(D)	1	(D)
Turkeys for slaughter				2	(D)	(NA)	(NA)
Turkey hens kept for breeding				—	—	(NA)	(NA)
Other poultry				1	(X)	(X)	(X)
Poultry and poultry products	\$1,000			10	2	5	106

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978--	4	29	(X)	4	29	1	(D)	(X)	1	(D)
	1974--	6	245	(X)	(NA)	(NA)	4	(D)	(X)	4	227
For grain or seed (bushels) -----	1978--	3	10	(D)	3	10	—	—	—	—	—
	1974--	4	30	624	(NA)	(NA)	2	(D)	(D)	2	(D)
For silage or green chop (tons, green) -----	1978--	3	19	(D)	3	19	1	(D)	(D)	1	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	215	3 912	3	(D)
For fodder, hogged or grazed -----	1978--	—	—	(X)	—	—	—	—	(X)	—	—
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Sorghums for all purposes-----	1978--	9	2 021	(X)	9	2 021	7	(D)	(X)	7	(D)
	1974--	3	26	(X)	(NA)	(NA)	1	(D)	(X)	4	(D)
For grain or seed (bushels) -----	1978--	6	2 004	(D)	6	2 004	4	(D)	(D)	4	(D)
	1974--	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green) -----	1978--	3	17	235	3	17	3	17	235	3	17
	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--	5	1 103	31 348	5	1 103	5	1 103	31 348	5	1 103
	1974--	3	150	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
Oats for grain (bushels) -----	1978--	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	(D)	1	(D)
Barley for grain (bushels) -----	1978--	4	146	3 875	4	146	3	(D)	(D)	3	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	61	1 468	3	61
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)	(NA)	—	—	—	—	—
Peanuts for nuts (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Cotton (bales) -----	1978--	5	2 445	3 651	5	2 445	4	(D)	(D)	4	(D)
	1974--	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	2	(D)
Tobacco (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Sweetpotatoes (bushels) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text) -----	1978--	51	4 592	21 307	49	4 482	36	4 359	20 961	34	4 249
	1974--	38	3 357	8 914	(NA)	(NA)	25	2 677	8 350	25	2 677
Alfalfa hay (tons, dry) -----	1978--	45	3 646	18 368	45	3 646	32	3 451	18 073	32	3 451
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	20	1 725	6 473	20	1 725
Other tame dry hay (tons, dry) (see text) -----	1978--	10	544	1 404	9	464	6	526	1 374	5	446
Field seed crops -----	1978--	—	—	(X)	—	—	—	(X)	—	—	—
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Alfalfa seed (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	1	(D)	—	1	(D)
Red clover seed (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
All vegetables harvested for sale (see text) -----	1978--	2	(D)	(X)	2	(D)	—	—	(X)	—	—
	1974--	4	5	(X)	(NA)	(NA)	2	(D)	(X)	1	(D)
Sweet corn -----	1978--	—	—	(X)	—	—	—	(X)	—	—	—
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Tomatoes -----	1978--	1	(D)	(X)	—	(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--	26	160	(X)	26	160	7	31	(X)	7	31
	1974--	12	40	(X)	(NA)	(NA)	6	29	(X)	6	29
Apples (pounds) -----	1978--	11	7	4 368	(NA)	(NA)	4	2	—	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Peaches (pounds) -----	1978--	9	6	(D)	(NA)	(NA)	2	(D)	—	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	5	5	(D)	(NA)	(NA)	2	(D)	—	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	(NA)	(NA)
Berries -----	1978--	—	—	(X)	—	—	—	(X)	—	—	—
	1974--	—	—	(X)	(NA)	(NA)	—	—	(X)	—	—
Strawberries (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Nursery and greenhouse products -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
Other crops -----	1978--	—	—	(X)	(NA)	(NA)	—	—	(X)	(NA)	(NA)

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Farms	269	7 355 940	216	7 219 108	159	1 241 634	130	1 099 804
Average size of farm	(X)	27 346	(X)	33 422	(X)	7 809	(X)	8 460
Approximate land area	(X)	6 342 400	(X)	6 342 400	(X)	6 342 400	(X)	6 342 400
Proportion in farms—percent	(X)	116.0	(X)	113.8	(X)	19.6	(X)	17.3
Value of land and buildings: ¹								
Average per farm	3 005 121	(X)	2 005 296	(X)	1 509 168	(X)	504 469	(X)
Average per acre		111		60		196		60
Land in farms according to use:								
Total cropland	187	22 136	152	23 522	107	11 416	88	9 367
Harvested cropland	125	6 569	117	12 595	79	4 032	72	3 982
By acres harvested:								
1 to 9 acres	47	192	25	(NA)	21	76	5	(NA)
10 to 19 acres	19	233	23	(NA)	10	126	9	(NA)
20 to 29 acres	10	241	15	(NA)	8	(D)	11	(NA)
30 to 49 acres	13	474	18	(NA)	11	(D)	17	(NA)
50 to 99 acres	20	1 301	19	(NA)	18	(D)	18	(NA)
100 to 199 acres	12	1 555	10	(NA)	9	1 127	10	(NA)
200 to 499 acres	1	(D)	5	(NA)	1	(D)	2	(NA)
500 to 999 acres	2	(D)	1	(NA)	1	(D)	—	(NA)
1,000 acres or more	1	(D)	1	(NA)	—	—	—	(NA)
Cropland used only for pasture	107	8 698	83	6 158	58	(D)	43	3 784
Other cropland	43	6 869	40	4 769	22	(D)	23	1 601
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	6	75	(NA)	(NA)	2	(D)	2	(D)
Cropland on which all crops failed	7	289	(NA)	(NA)	3	(D)	11	318
Cropland in cultivated summer fallow	7	125	(NA)	(NA)	5	(D)	4	(D)
Cropland idle	28	6 380	(NA)	(NA)	13	1 006	15	998
Total woodland	27	1 921 083	24	1 734 211	12	2 090	5	760
Woodland pastured	24	(D)	(NA)	(NA)	9	(D)	3	455
Woodland not pastured	7	(D)	(NA)	(NA)	3	(D)	4	305
Other land	213	5 412 721	174	5 461 375	131	1 228 128	115	1 089 677
Pastureland and rangeland, other than cropland and woodland pastured	126	(D)	(NA)	(NA)	90	1 221 913	85	1 085 906
Land in house lots, ponds, roads, wasteland, etc.	156	(D)	(NA)	(NA)	86	6 215	64	3 771
Pastureland, all types	200	6 865 935	(NA)	(NA)	125	1 229 736	(NA)	1 090 145
Irrigated land	164	11 390	136	7 117	97	8 297	81	5 072
Harvested cropland irrigated	123	6 276	(NA)	(NA)	77	3 942	72	3 912
Pastureland irrigated	88	4 781	(NA)	(NA)	54	4 182	(NA)	1 017
Other land irrigated	9	333	(NA)	(NA)	5	173	6	143
Land set aside in the federal farm programs in 1978	2	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	269	16 596	216	9 061	159	10 800	130	5 054
Average per farm	(X)	61 693	(X)	41 949	(X)	67 925	(X)	38 877
Farms by value of agricultural products sold: ¹								
\$100,000 or more	20	8 756	9	(NA)	20	8 756	9	(NA)
\$40,000 to \$99,999	11	661	9	(NA)	11	661	9	(NA)
\$20,000 to \$39,999	21	576	13	(NA)	21	576	13	(NA)
\$10,000 to \$19,999	29	425	18	(NA)	29	425	18	(NA)
\$5,000 to \$9,999	35	239	42	(NA)	35	239	42	(NA)
\$2,500 to \$4,999	43	143	33	(NA)	43	143	33	(NA)
Less than \$2,500 (see text)	100	110	83	(NA)	(X)	(X)	6	(NA)
\$2,000 to \$2,499	16	35	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	14	24	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	29	34	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	41	18	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	10	5 685	9	(NA)	(X)	(X)	(X)	(X)
Crops	68	1 792	59	589	45	312	(NA)	236
Grains	7	12	(NA)	(NA)	6	(D)	9	16
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	—	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	38	259	(NA)	(NA)	26	245	25	198
Vegetables, sweet corn, and melons	18	(D)	(NA)	(NA)	11	22	9	17
Fruits, nuts, and berries	13	26	(NA)	(NA)	10	22	1	(D)
Nursery and greenhouse products	2	(D)	1	(D)	1	(D)	1	(D)
Other crops	2	(D)	(NA)	(NA)	2	(D)	4	(D)
Livestock, poultry, and their products	236	14 803	192	8 473	147	10 488	120	4 818
Poultry and poultry products	20	9	16	20	5	(D)	2	(D)
Dairy products	14	219	(NA)	(NA)	10	215	8	346
Cattle and calves	196	7 052	(NA)	(NA)	129	4 846	114	1 859
Hogs and pigs	31	5 288	(NA)	(NA)	20	5 281	12	2 388
Sheep, lambs, and wool	40	1 519	(NA)	(NA)	16	24	6	191
Other livestock and livestock products (see text)	46	716	(NA)	(NA)	29	(D)	12	(D)

¹1974 data include sales of forest products.

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

Forms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms	269	216	7 355 940	125	5 327 849	6 569	164	5 440 574	6 479	11 390
Farms with—										
1 to 9 acres	49	27	151	14	78	54	20	107	54	81
10 to 49 acres	56	37	1 421	28	709	240	38	951	240	536
50 to 69 acres	11	10	609	4	225	101	5	285	101	123
70 to 99 acres	14	9	1 155	5	406	148	10	827	148	323
100 to 139 acres	20	13	2 372	14	1 599	337	18	2 117	(D)	975
140 to 179 acres	9	12	1 426	3	460	66	3	486	(D)	56
180 to 219 acres	4	5	787	3	587	213	3	587	213	228
220 to 259 acres	8	4	1 897	7	1 647	449	7	1 647	449	513
260 to 499 acres	17	10	5 589	11	3 763	343	13	4 409	343	609
500 to 999 acres	17	13	10 841	9	5 641	281	9	5 641	211	721
1,000 to 1,999 acres	14	18	20 172	8	11 961	1 125	10	14 771	1 125	1 811
2,000 acres or more	50	98	7 309 520	19	5 300 773	3 212	28	5 408 746	3 212	5 414

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

Forms	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	269	7 355 940	216	7 219 108	159	1 241 634	130	1 099 804	
Harvested cropland	125	6 569	117	12 595	79	4 032	72	3 982	
Tenure of operator:									
Full owners	184	6 119 836	121	6 132 005	96	23 835	60	39 286	
Harvested cropland	86	3 934	(NA)	9 708	50	1 480	(NA)	1 223	
Part owners	70	1 021 883	80	904 843	53	1 003 924	61	879 668	
Harvested cropland	33	2 280	(NA)	2 693	26	2 217	(NA)	2 572	
Tenants	15	214 221	15	182 260	10	213 875	9	180 850	
Harvested cropland	6	355	(NA)	194	3	335	(NA)	187	
Type of organization:									
Individual or family	199	712 637	(NA)	(NA)	111	695 389	111	727 027	
Partnership	41	299 756	(NA)	(NA)	30	299 314	13	255 197	
Corporation	7	246 215	(NA)	(NA)	7	246 215	3	111 659	
Other—cooperative, estate or trust, institutional, etc.	22	6 097 332	(NA)	(NA)	11	716	3	5 921	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974	1978	1974	1978	1974	1978	1974
Operators by principal occupation:									
Farming	74	75	61	62					
Other	195	126	98	62					
Operators by age group:									
Under 25 years	2	8	2	8					
25 to 34 years	25	32	14	18					
35 to 44 years	74	51	37	28					
45 to 54 years	65	35	39	21					
55 to 64 years	64	48	42	29					
65 years and over	39	27	25	20					
Average age	50.0	47.9	51.1	48.3					
Operators by place of residence:									
On farm operated					178	165	112	67	
Not on farm operated					58	52	33	35	
Not reported					33	44	14	22	
Operators reporting days of work off farm:									
None					76	48	56	38	
1 to 49 days					12	13	5	10	
50 to 99 days					12	3	5	1	
100 to 149 days					15	6	11	6	
150 to 199 days					13	13	7	4	
200 days or more					139	88	73	46	

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

Forms	All farms		Farms with sales of \$2,500 or more	
	1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	161	2 206	109	1 252
Feed for livestock and poultry	229	4 558	175	3 119
Commercially mixed formula feeds	66	457	139	1 131
Animal health costs	194	154	(NA)	(NA)
Seeds, bulbs, plants, and trees	87	63	90	85
Commercial fertilizer	75	68	81	63
Other agricultural chemicals including lime	49	7	22	18
Hired farm labor	114	1 329	73	901
Contract labor	7	41	9	39
Customwork, machine hire, and rental of machinery and equipment	79	42	54	70
Energy and petroleum products	271	884	(NA)	(NA)
Petroleum products	271	700	197	343
Gasoline	254	492	(NA)	(NA)
Diesel fuel	129	93	(NA)	(NA)
LP gas, butane, and propane	30	44	(NA)	(NA)
Fuel oil	17	31	(NA)	(NA)
Natural gas	8	5	(NA)	(NA)
Kerosene, motor oil, and grease	271	36	(NA)	(NA)
Electricity	140	171	(NA)	(NA)
Other—coal, wood, coke, etc.	49	13	(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	70	2,952	49	1,231	50	1,836
Cropland fertilized, except pasture	67	2,777	46	1,056	(NA)	1,371
Pasture and rangeland fertilized	9	175	9	175	(NA)	465
Lime	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops	2	(D)	—	—	(NA)	29
Nematodes in crops	—	—	—	—	—	—
Diseases in crops and orchards	16	55	10	30	1	(D)
Weeds, grass, or brush in crops and pasture	10	227	10	227	(NA)	281
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	—	—	—	—	—	—
Insect control on livestock and poultry	43	(X)	25	(X)	9	(X)
Sanitation and rodent and bird control	27	(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		All farms		Farms with sales of \$2,500 or more		
	1978		1974		1978		1974		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
ALL MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment—Con.									
\$20,000 to \$29,999									
\$30,000 to \$49,999									
\$50,000 to \$69,999									
\$70,000 to \$99,999									
\$100,000 to \$199,999									
\$200,000 or more									
ALL MACHINERY AND EQUIPMENT—Con.									
Estimated market value of all machinery and equipment—Con.									
\$20,000 to \$29,999									
\$30,000 to \$49,999									
\$50,000 to \$69,999									
\$70,000 to \$99,999									
\$100,000 to \$199,999									
\$200,000 or more									
1978									
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974		1974		Manufactured 1970 to 1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT									
Automobiles									
Motortrucks including pickups									
Wheel tractors									
Grain and bean combines, self-propelled only									
Corn heads for combines									
Other compickers and picker-shellers									
Cottonpickers									
Mower conditioners									
Pickup boilers									
Field forage harvesters, shear bar or flywheel type									

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				
Farms	114	38	(X)	95	(X)	67	53		
Workers	578	(X)	228	(X)	350	339	288		
Farms with—									
1 worker	63	18	18	53	53	30	14		
2 workers	8	9	18	9	18	8	11		
3 or 4 workers	15	5	17	9	30	9	7		
5 to 9 workers	17	3	16	15	88	16	8		
10 workers or more	11	3	159	9	161	4	13		

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	252	(X)	189	(X)	150	(X)	118	(X)
Any cattle, hogs, or sheep	231	(X)	188	(X)	142	(X)	117	(X)
Sales:								
Any livestock or poultry and their products	\$1,000		236	14 803	192	8 473	147	10 488
Any cattle, hogs, or sheep	\$1,000		216	13 859	188	(NA)	139	10 150
CATTLE AND CALVES								
Inventory:								
Cattle and calves	219	50 287	183	49 126	134	25 135	112	24 580
Cows and heifers that had calved	185	26 549	156	27 309	115	11 448	95	14 901
Beef cows	155	26 226	145	26 899	102	11 162	91	14 542
Milk cows	68	323	66	410	40	286	41	359
Heifers and heifer calves	179	14 403	(NA)	(NA)	112	7 461	80	4 894
Steers, steer calves, bulls and bull calves	191	9 335	(NA)	(NA)	124	6 226	94	4 785
Sales:								
Cattle and calves	\$1,000		196	25 023	182	20 425	129	17 426
Calves	\$1,000			(X) 7 052	(X) (NA)	(X) 4 846	114 (X)	10 862 (X)
Cattle	\$1,000		133	11 355	(NA)	88	8 035	64
Fattened cattle	\$1,000			(X) 2 612	(X) (NA)	(X) 1 958	(X) 600	5 551
Dairy products	\$1,000			(X) 4 440	(X) (NA)	104	9 391	91
	\$1,000		16	45	(NA)	(X) 2 688	5	32
	\$1,000			(X) 17	(X) (NA)	(X) 31	(X) 13	9
	\$1,000		14	219	(NA)	10	215	8
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	40	52 277	40	23 115	22	52 160	20	22 828
Used or to be used for breeding	29	7 356	(NA)	(NA)	17	7 324	10	2 648
Other hogs and pigs	33	44 921	(NA)	(NA)	18	44 836	16	20 180
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	32	11 652	17	6 879	19	11 627	10	6 819
Dec. 1 of preceding year and May 31	23	5 165	14	3 477	15	5 151	10	3 447
June 1 and Nov. 30	24	6 487	12	3 402	17	6 476	8	3 372
Sheep and lambs	42	52 061	18	123 475	17	1 179	10	6 902
Ewes 1 year old or older	36	39 711	(NA)	(NA)	14	571	8	2 431
Goats	16	26 626	(NA)	(NA)	5	258	(D)	
Horses and ponies	166	5 816	109	10 922	100	560	69	561
Sales:								
Hogs and pigs	\$1,000		31	53 749	25	29 496	20	53 648
Feeder pigs	\$1,000			(X) 5 288	(X) (NA)	(X) 5 281	(X) 2 388	
Sheep and lambs	\$1,000		10	66	10	386	7	2 (D)
Sheep and lambs shorn	\$1,000			(X) 2	(X) (NA)	(X) 1	(X) (D)	
Pounds of wool	\$1,000		39	25 063	14	70 800	16	847
Sheep, lambs, and wool	\$1,000			(X) 51 270	(X) (NA)	12	1 013	5
Goats	\$1,000		40	1 519	(NA)	16	4 348	(X) 4 610
Horses and ponies	\$1,000			(X) 10	(NA)	1	(X) 51 190	
	\$1,000		180	(X)	(X)	(D)	(X)	(D)
	\$1,000		36	1 104	22	783	23	57
	\$1,000		(X)	288	(X) (NA)	(X)	(X) 10	(D) 69
POULTRY								
Inventory:								
Any poultry	60	(X)	39	(X)	32	(X)	17	(X)
Chickens 3 months old or older	54	1 768	38	2 053	29	790	17	1 224
Hens and pullets of laying age	53	1 685	34	1 894	29	(D)	17	1 208
Pullets 3 months old or older	7	83	(NA)	(NA)	2	(D)	—	—
Pullet chicks and pullets under 3 months old	6	63	(NA)	(NA)	4	(D)	—	—
Broilers and other meat-type chickens	7	149	5	1 216	4	118	2	(D)
Turkeys	8	36	(NA)	(NA)	3	(D)	6	21
Turkeys for slaughter	5	30	(NA)	(NA)	3	(D)	3	13
Turkey hens kept for breeding	3	6	(NA)	(NA)	—	(D)	3	8
Other poultry	13	(X)	(NA)	(X)	4	(X)	7	(X)
Sales:								
Any poultry	\$1,000		15	(X)	8	(X)	1	(X)
Chickens 3 months old or older	\$1,000		8	152	7	927	1	(D)
Hens and pullets of laying age	\$1,000		8	152	5	727	2	(D)
Pullets 3 months old or older	\$1,000		—	(D)	(NA)	(NA)	—	—
Pullet chicks and pullets under 3 months old	\$1,000		2	(D)	(NA)	(NA)	—	—
Broilers and other meat-type chickens	\$1,000		2	(D)	1	(D)	—	—
Turkeys	\$1,000		2	(D)	(NA)	(NA)	1	(D)
Turkeys for slaughter	\$1,000		2	(D)	(NA)	(NA)	—	—
Turkey hens kept for breeding	\$1,000		—	—	(NA)	(NA)	—	—
Other poultry	\$1,000		3	(X)	(NA)	(X)	—	(X)
Poultry and poultry products	\$1,000		20	9	16	20	5	(D) 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--	31	1 027	(X)	29	691	24	527	(X)	23	492
-----	1974--	44	6 910	(X)	(NA)	(NA)	25	637	(X)	25	637
For grain or seed (bushels) -----	1978--	10	489	8 266	9	188	6	39	1 616	6	39
-----	1974--	6	6 133	66 049	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green) -----	1978--	21	538	5 989	20	503	18	488	5 804	17	453
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	24	(D)	7 216	24	(D)
For fodder, hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sorghums for all purposes-----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
-----	1974--	14	106	(X)	(NA)	(NA)	9	90	(X)	9	90
For grain or seed (bushels) -----	1978--	1	(D)	-	-	-	-	-	-	-	-
-----	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green) -----	1978--	(NA)	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
Cut for dry forage or hay (tons, dry) -----	1978--	-	-	(NA)	(NA)	(NA)	-	-	-	-	-
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels) -----	1978--	8	224	4 244	7	189	7	(D)	(D)	6	(D)
-----	1974--	12	275	5 296	(NA)	(NA)	12	275	5 296	12	275
Oats for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	(D)	2	(D)
Barley for grain (bushels) -----	1978--	-	-	(NA)	(NA)	(NA)	-	-	-	-	-
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Rye for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
Other small grains for grain -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Soybeans for beans (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
-----	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Peanuts for nuts (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
Cotton (bales) -----	1978--	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
Irish potatoes (hundredweight) -----	1978--	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
-----	1974--	3	1	150	(NA)	(NA)	3	1	150	3	1
Sweetpotatoes (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
-----	1974--	-	-	(NA)	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text) -----	1978--	89	3 600	10 420	88	3 578	55	3 225	9 573	54	3 205
-----	1974--	91	3 752	9 416	(NA)	(NA)	64	2 965	7 756	63	2 901
Alfalfa hay (tons, dry) -----	1978--	83	3 190	9 434	83	3 190	52	2 855	8 632	52	2 855
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	53	1 810	4 980	53	1 810
Other tame dry hay (tons, dry) (see text) -----	1978--	9	156	307	8	136	7	(D)	(D)	6	(D)
Field seed crops -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Alfalfa seed (pounds) -----	1978--	-	-	(NA)	(NA)	(NA)	-	-	-	-	-
-----	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--	18	1 745	(X)	18	1 745	11	27	(X)	11	27
-----	1974--	20	534	(X)	(NA)	(NA)	11	32	(X)	10	32
Sweet corn -----	1978--	14	(D)	(X)	14	(D)	10	19	(X)	11	19
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	8	19	(X)	8	19
Tomatoes -----	1978--	2	(D)	(X)	2	(D)	2	(D)	(X)	2	(D)
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas -----	1978--	1	(D)	(X)	1	(D)	-	-	(X)	-	-
-----	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Land in orchards -----	1978--	24	95	(X)	24	95	16	44	(X)	16	44
-----	1974--	11	1 029	(X)	(NA)	(NA)	5	21	(X)	4	15
Apples (pounds) -----	1978--	22	41	166 922	(NA)	(NA)	16	34	162 510	(NA)	(NA)
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	17	(NA)	(NA)	(NA)
Peaches (pounds) -----	1978--	7	(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	610	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)	(NA)
Berries -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
-----	1974--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
Strawberries (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	-
-----	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products -----	1978--	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
-----	1974--	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	406	3 688 294	328	3 877 400	279	1 254 619	230	1 479 749
Average size of farm	(X)	9 084	(X)	11 821	(X)	4 497	(X)	6 434
Approximate land area	(X)	5 913 600	(X)	5 913 600	(X)	5 913 600	(X)	5 913 600
Proportion in farms	percent	62.4	(X)	65.6	(X)	21.2	(X)	25.0
Value of land and buildings: ¹								
Average per farm	dollars	1 188 807	(X)	812 256	(X)	1 327 710	(X)	781 035
Average per acre	dollars	130		69		287		121
Land in farms according to use:								
Total cropland	198	(D)	162	59 246	149	57 456	110	57 316
Harvested cropland	143	42 126	121	44 278	120	41 318	85	43 899
By acres harvested:								
1 to 9 acres	50	112	41	(NA)	34	84	18	(NA)
10 to 19 acres	8	101	12	(NA)	5	60	8	(NA)
20 to 29 acres	7	156	3	(NA)	7	156	3	(NA)
30 to 49 acres	12	448	9	(NA)	10	(D)	—	(NA)
50 to 99 acres	6	414	3	(NA)	6	414	3	(NA)
100 to 199 acres	10	1 367	13	(NA)	9	(D)	13	(NA)
200 to 499 acres	21	6 781	14	(NA)	21	6 781	14	(NA)
500 to 999 acres	18	12 446	17	(NA)	17	(D)	17	(NA)
1,000 acres or more	11	20 301	9	(NA)	11	20 301	9	(NA)
Cropland used only for pasture	78	(D)	69	8 048	52	(D)	47	(D)
Other cropland	56	(D)	34	6 920	46	(D)	33	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	1	(D)	(NA)	(NA)	—	—	—	—
Cropland on which all crops failed	7	(D)	(NA)	(NA)	4	(D)	2	(D)
Cropland in cultivated summer fallow	15	4 361	(NA)	(NA)	14	(D)	11	3 568
Cropland idle	42	8 067	(NA)	(NA)	34	5 338	22	3 310
Total woodland	9	(D)	7	32 391	6	635	6	2 391
Woodland pastured	5	(D)	(NA)	(NA)	4	(D)	3	2 380
Woodland not pastured	5	450	(NA)	(NA)	3	(D)	3	11
Other land	334	3 594 009	287	3 785 763	222	1 196 528	201	1 420 042
Pastureland and rangeland, other than cropland and woodland pastured	154	3 561 176	(NA)	(NA)	110	1 184 992	111	1 400 782
Land in house lots, ponds, roads, wasteland, etc.	254	32 833	(NA)	(NA)	161	11 536	147	19 260
Pastureland, all types	211	3 600 141	(NA)	(NA)	144	1 191 428	(NA)	1 409 699
Irrigated land	177	46 819	133	46 024	137	45 157	93	45 740
Harvested cropland irrigated	133	41 905	(NA)	(NA)	112	41 099	82	43 697
Pastureland irrigated	61	2 931	(NA)	(NA)	42	2 395	(NA)	(D)
Other land irrigated	10	1 983	(NA)	(NA)	7	1 663	1	(D)
Land set aside in the federal farm programs in 1978	21	1 592	(X)	(X)	21	1 592	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	406	50 134	328	40 123	279	44 570	230	38 676
Average per farm	(X)	123 483	(X)	122 326	(X)	159 749	(X)	168 157
Forms by value of agricultural products sold: ¹								
\$100,000 or more	74	40 864	56	(NA)	74	40 864	56	(NA)
\$40,000 to \$99,999	30	1 967	23	(NA)	30	1 967	23	(NA)
\$20,000 to \$39,999	22	637	34	(NA)	22	637	34	(NA)
\$10,000 to \$19,999	40	559	30	(NA)	40	559	30	(NA)
\$5,000 to \$9,999	48	309	31	(NA)	48	309	31	(NA)
\$2,500 to \$4,999	65	233	38	(NA)	65	233	38	(NA)
Less than \$2,500 (see text)	115	141	107	(NA)	(X)	(X)	18	(NA)
\$2,000 to \$2,499	24	53	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	22	36	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	31	39	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	38	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	12	5 422	9	(NA)	(X)	(X)	(X)	(X)
Crops	120	27 891	96	18 052	107	27 770	(NA)	18 034
Grains	29	1 309	(NA)	(NA)	27	(D)	40	2 617
Commodity Credit Corporation loans	2	(D)	(NA)	(NA)	2	(D)	(NA)	(NA)
Cotton and cottonseed	56	11 532	(NA)	(NA)	55	(D)	43	10 410
Commodity Credit Corporation loans	4	40	(NA)	(NA)	4	40	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	27	550	(NA)	(NA)	26	(D)	16	364
Vegetables, sweet corn, and melons	12	4 280	(NA)	(NA)	9	4 280	10	1 449
Fruits, nuts, and berries	20	(D)	(NA)	(NA)	14	(D)	9	1 654
Nursery and greenhouse products	26	2 592	19	1 545	22	2 586	13	1 540
Other crops	2	(D)	(NA)	(NA)	2	(D)	—	—
Livestock, poultry, and their products	304	22 243	245	22 067	200	16 800	174	(D)
Poultry and poultry products	29	(D)	25	2 093	15	9	2 092	
Dairy products	8	(D)	(NA)	(NA)	6	(D)	3	2 657
Cattle and calves	191	13 214	(NA)	(NA)	134	8 172	136	14 221
Hogs and pigs	39	(D)	(NA)	(NA)	21	(D)	18	(D)
Sheep, lambs, and wool	17	14	(NA)	(NA)	12	6	3	(Z)
Other livestock and livestock products (see text)	143	720	(NA)	(NA)	84	578	41	(D)

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms -----	406	328	3 688 294	143	234 415	42 126	177	438 745	41 905	46 819
Farms with—										
1 to 9 acres -----	134	77	505	34	142	58	39	204	49	115
10 to 49 acres -----	74	65	1 736	24	530	246	39	898	234	461
50 to 69 acres -----	9	5	512	5	286	174	5	286	174	191
70 to 99 acres -----	17	12	1 456	11	940	461	12	1 020	461	614
100 to 139 acres -----	6	1	665	1	(D)	(D)	2	(D)	(D)	(D)
140 to 179 acres -----	10	13	1 602	3	470	320	3	470	320	320
180 to 219 acres -----	6	5	(D)	3	643	588	4	843	588	613
220 to 259 acres -----	1	3	(D)	1	(D)	(D)	1	(D)	(D)	(D)
260 to 499 acres -----	23	25	9 145	13	5 206	3 102	17	6 801	3 102	3 896
500 to 999 acres -----	31	23	21 109	20	13 368	9 858	23	15 467	9 858	10 727
1,000 to 1,999 acres -----	18	21	24 586	14	19 133	10 834	14	19 133	10 834	10 834
2,000 acres or more -----	77	78	3 625 506	14	193 362	16 345	18	393 188	16 145	18 907

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 -----	406	3 688 294	328	3 877 400	279	1 254 619	230	1 479 749		
Harvested cropland -----	143	42 126	121	44 278	120	41 318	85	43 899		
Tenure of operator:										
Full owners -----	266	2 470 224	192	2 598 912	163	50 654	114	206 766		
Harvested cropland -----	90	17 226	(NA)	22 466	71	16 965	(NA)	22 093		
Part owners -----	88	1 095 202	91	1 142 313	75	1 087 155	82	1 137 033		
Harvested cropland -----	26	12 928	(NA)	15 331	24	(D)	(NA)	15 329		
Tenants -----	52	122 868	45	136 175	41	116 810	34	135 950		
Harvested cropland -----	27	11 972	(NA)	6 481	25	(D)	(NA)	6 477		
Type of organization:										
Individual or family -----	298	427 934	(NA)	(NA)	193	417 634	169	655 761		
Partnership -----	57	307 294	(NA)	(NA)	49	304 666	26	306 032		
Corporation -----	37	531 159	(NA)	(NA)	36	(D)	31	458 409		
Other—cooperative, estate or trust, institutional, etc. -----	14	2 421 907	(NA)	(NA)	1	(D)	4	59 547		
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more				
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974	
Operators by principal occupation:										
Farming -----	164	126	145	112	Operators by place of residence:		283	174	183	111
Other -----	242	158	134	83	On farm operated -----		93	58	77	46
Operators by age group:										
Under 25 years -----	5	3	3	2	Not on farm operated -----		30	52	19	38
25 to 34 years -----	61	29	43	15	Not reported -----					
35 to 44 years -----	112	58	77	38	Operators reporting days of work off farm:					
45 to 54 years -----	109	83	73	56	None -----		143	93	112	84
55 to 64 years -----	75	65	52	47	1 to 49 days -----		25	6	22	3
65 years and over -----	44	46	31	37	50 to 99 days -----		16	8	13	4
Average age -----	47.5	50.5	47.6	51.9	100 to 149 days -----		15	9	8	6
					150 to 199 days -----		17	28	13	6
					200 days or more -----		184	96	106	52

*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 -----	162	4 146	140	4 550	107	4 071	95	4 520
Feed for livestock and poultry -----	285	6 913	239	12 171	171	6 496	165	12 068
Commercially mixed formula feeds -----	106	3 371	190	4 145	57	3 259	150	4 118
Animal health costs -----	232	232	(NA)	(NA)	151	185	102	215
Seeds, bulbs, plants, and trees -----	141	667	105	437	107	660	70	434
Commercial fertilizer -----	134	1 504	115	1 517	105	1 465	83	1 514
Other agricultural chemicals including lime -----	142	1 259	88	767	127	1 232	74	748
Hired farm labor -----	198	5 003	162	3 850	174	4 954	138	3 825
Contract labor -----	59	385	33	540	58	(D)	26	539
Customwork, machine hire, and rental of machinery and equipment -----	94	799	65	435	81	782	57	434
Energy and petroleum products -----	404	3 245	(NA)	(NA)	273	3 119	(NA)	(NA)
Petroleum products -----	392	1 972	281	879	273	1 865	212	825
Gasoline -----	358	565	(NA)	(NA)	260	492	206	398
Diesel fuel -----	139	482	(NA)	(NA)	131	476	78	221
LP gas, butane, and propane -----	85	91	(NA)	(NA)	80	90	62	55
Fuel oil -----	6	13	(NA)	(NA)	6	13		
Natural gas -----	54	712	(NA)	(NA)	32	694		
Kerosene, motor oil, and grease -----	392	110	(NA)	(NA)	273	100		
Electricity -----	253	1 270	(NA)	(NA)	196	1 253	(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	128	38 957	104	38 234	83	38 607
Cropland fertilized, except pasture	108	38 488	99	37 855	(NA)	37 456
Pasture and rangeland fertilized	28	469	13	379	(NA)	1 151
Lime	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	85	25 052	85	25 052	(NA)	21 342
Nematodes in crops	2	(D)	2	(D)	8	(D)
Diseases in crops and orchards	6	585	6	585	2	(D)
Weeds, grass, or brush in crops and pasture	80	37 636	80	37 636	(NA)	11 207
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	47	16 238	47	16 238	20	9 440
Insect control on livestock and poultry	78	(X)	48	(X)	23	(X)
Sanitation and rodent and bird control	44	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms—\$1,000—dollars—	399	303	273	215	Estimated market value of all machinery and equipment—Con.			
Average per farm	15 716	9 213	12 688	8 181	\$20,000 to \$29,999	68	33	62
Farms by value group:	39 388	30 406	46 475	38 051	\$30,000 to \$49,999	26	25	19
\$1 to \$4,999	76	72	53	36	\$50,000 to \$69,999	24	14	22
\$5,000 to \$9,999	90	64	31	40	\$70,000 to \$99,999	11	7	13
\$10,000 to \$19,999	61	60	38	42	\$100,000 to \$199,999	28	35	28
					\$200,000 or more	15	13	31
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999								
\$30,000 to \$49,999								
\$50,000 to \$69,999								
\$70,000 to \$99,999								
\$100,000 to \$199,999								
1978								
1974								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	154	244	99	110	95	134	158	246
Motortrucks including pickups	374	1 191	226	545	242	646	270	1 068
Wheel tractors	231	495	86	148	192	347	171	431
Grain and bean combines, self-propelled only	8	8	4	4	4	4	13	4
Corn heads for combines	—	—	—	—	—	—	—	—
Other cornpickers and picker-shellers	1	(D)	1	(D)	—	—	3	3
Cottonpickers	31	72	16	41	19	31	(NA)	(NA)
Mower conditioners	23	27	14	18	9	9	15	15
Pickup balers	22	39	9	18	13	21	18	18
Field forage harvesters, shear bar or flywheel type	24	24	21	21	3	3	4	6
								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	198	119	(X)	165	(X)	174	138
Workers	1 550	576	974	1 493	1 634		
Farms with—							
1 worker	44	41	41	56	56	33	35
2 workers	31	25	50	19	38	30	21
3 or 4 workers	46	19	67	47	160	35	22
5 to 9 workers	45	24	163	20	126	44	23
10 workers or more	32	10	255	23	594	32	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	319	(X)	261	(X)	207	(X)	182	(X)
Any cattle, hogs, or sheep	221	(X)	213	(X)	149	(X)	148	(X)
Sales:								
Any livestock or poultry and their products	304	22 243	245	22 067	200	16 800	174	(D)
Any cattle, hogs, or sheep	220	(D)	206	(NA)	154	(D)	147	(D)
CATTLE AND CALVES								
Inventory:								
Cattle and calves	201	61 523	198	81 826	134	41 836	140	60 430
Cows and heifers that had calved	154	(D)	174	42 357	106	(D)	123	26 604
Beef cows	142	(D)	160	38 456	100	(D)	117	22 735
Milk cows	27	(D)	38	3 901	18	(D)	21	3 869
Heifers and heifer calves	163	(D)	(NA)	(NA)	111	(D)	109	8 056
Steers, steer calves, bulls and bull calves	187	16 855	(NA)	(NA)	125	13 992	129	25 770
Sales:								
Cattle and calves	191	33 531	180	57 199	134	24 868	136	52 591
\$1,000	(X)	13 214	(X)	(NA)	(X)	8 172	(X)	14 221
Calves	125	10 055	(NA)	(NA)	92	9 920	104	10 744
Cattle	156	23 476	(NA)	(NA)	110	14 948	118	41 847
\$1,000	(X)	11 109	(X)	(NA)	(X)	6 090	(X)	12 953
Fattened cattle	24	3 892	(NA)	(NA)	15	3 453	16	29 419
Dairy products	8	1 758	(X)	(NA)	(X)	1 552	(X)	9 660
\$1,000	(D)	(NA)	6	(D)	(X)	3	2 657	
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	51	(D)	45	9 155	28	(D)	21	8 855
Used or to be used for breeding	25	(D)	(NA)	(NA)	13	(D)	13	1 132
Other hogs and pigs	51	(D)	(NA)	(NA)	28	(D)	19	7 723
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	25	2 145	33	2 316	13	2 116	14	2 250
Dec. 1 of preceding year and May 31	19	(D)	23	1 194	11	(D)	10	1 150
June 1 and Nov. 30	20	(D)	26	1 122	10	(D)	13	1 100
Sheep and lambs	20	374	6	93	12	182	3	30
Ewes 1 year old or older	18	270	(NA)	(NA)	11	124	3	10
Goats	23	196	(NA)	(NA)	15	139	3	11
Horses and ponies	215	4 295	159	4 172	135	1 374	110	1 302
Sales:								
Hogs and pigs	39	(D)	44	(D)	21	(D)	18	(D)
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	(D)
Feeder pigs	16	407	18	257	6	325	4	117
\$1,000	(X)	22	(X)	(NA)	(X)	19	(X)	3
Sheep and lambs	17	290	5	46	12	104	2	(D)
Sheep and lambs shorn	13	349	(NA)	(NA)	9	137	1	(D)
Pounds of wool	(X)	2 031	(X)	(NA)	(X)	661	(X)	(D)
Sheep, lambs, and wool	17	14	(NA)	(NA)	12	6	3	(Z)
Goats	13	82	(NA)	(NA)	10	58	2	(D)
\$1,000	(X)	4	(X)	(NA)	(X)	3	(X)	(D)
Horses and ponies	88	534	61	578	50	229	38	288
\$1,000	(X)	489	(X)	(NA)	(X)	371	(X)	220
POULTRY								
Inventory:								
Any poultry	82	(X)	55	(X)	45	(X)	27	(X)
Chickens 3 months old or older	75	(D)	54	258 385	41	(D)	26	257 314
Hens and pullets of laying age	72	(D)	53	(D)	39	(D)	25	(D)
Pullets 3 months old or older	18	(D)	(NA)	(NA)	10	235	2	(D)
Pullet chicks and pullets under 3 months old	8	422	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	11	1 161	1	(D)	1	(D)	—	—
Turkeys	10	72	(NA)	(NA)	6	46	2	(D)
Turkeys for slaughter	7	27	(NA)	(NA)	4	(D)	—	—
Turkey hens kept for breeding	6	45	(NA)	(NA)	4	(D)	2	(D)
Other poultry	26	(X)	(NA)	(X)	11	(X)	5	(X)
Sales:								
Any poultry	24	(X)	11	(X)	13	(X)	6	(X)
Chickens 3 months old or older	16	134 926	10	177 837	9	131 914	5	177 745
Hens and pullets of laying age	16	(D)	8	(D)	9	(D)	4	(D)
Pullets 3 months old or older	2	(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	3	490	2	(D)	2	(D)	—	—
Turkeys	5	(D)	(NA)	(NA)	4	(D)	—	—
Turkeys for slaughter	5	(D)	(NA)	(NA)	4	(D)	—	—
Turkey hens kept for breeding	—	(—)	(NA)	(NA)	—	—	—	—
Other poultry	10	(X)	(NA)	(X)	4	(X)	1	(X)
Poultry and poultry products	29	(D)	25	2 093	15	(D)	9	2 092

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--	5	68	(X)	5	68	4	(D)	(X)	4	(D)	
1974--	4	884	(X)	(NA)	(NA)		4	884	(X)	4	884	
For grain or seed (bushels)	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)	
1974--	2	(D)	(D)	(NA)	(NA)		2	(D)	(D)	2	(D)	
For silage or green chop (tons, green)	1978--	3	(D)	(D)	3	(D)	2	(D)	(D)	2	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		2	(D)	(D)	2	(D)	
For fodder, hogged or grazed	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)	
1974--	(NA)	(NA)	(X)	(NA)	(NA)		1	(D)	(X)	1	(D)	
Sorghums for all purposes	1978--	16	2 226	(X)	16	2 226	14	(D)	(X)	14	(D)	
1974--	25	3 629	(X)	(NA)	(NA)		16	3 539	(X)	16	3 539	
For grain or seed (bushels)	1978--	15	(D)	120 363	15	(D)	13	(D)	(D)	13	(D)	
1974--	15	(D)	227 576	(NA)	(NA)		15	(D)	227 576	15	(D)	
For silage or green chop (tons, green)	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		1	(D)	(D)	1	(D)	
Cut for dry forage or hay (tons, dry)	1978--	—	—	—	—	—	—	—	—	—	—	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		—	—	—	—	—	
Hogged or grazed	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)	
1974--	(NA)	(NA)	(X)	(NA)	(NA)		1	(D)	(X)	1	(D)	
Wheat for grain (bushels)	1978--	18	5 209	275 578	18	5 209	17	(D)	(D)	17	(D)	
1974--	29	8 390	501 200	(NA)	(NA)		29	8 390	501 200	29	8 390	
Oats for grain (bushels)	1978--	—	—	—	—	—	—	—	—	—	—	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		—	—	—	—	—	
Barley for grain (bushels)	1978--	9	689	39 896	9	689	8	(D)	(D)	8	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		16	2 203	131 513	16	2 203	
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)	—	—	—	—	—	
1974--	—	—	—	(NA)	(NA)		—	—	—	—	—	
Peanuts for nuts (pounds)	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)	
1974--	—	—	—	(NA)	(NA)		—	—	—	—	—	
Cotton (bales)	1978--	56	23 362	37 792	56	23 362	55	(D)	(D)	55	(D)	
1974--	43	21 586	45 214	(NA)	(NA)		43	21 586	45 214	43	21 586	
Tobacco (pounds)	1978--	—	—	—	—	—	—	—	—	—	—	
1974--	—	—	—	(NA)	(NA)		—	—	—	—	—	
Irish potatoes (hundredweight)	1978--	—	—	—	—	—	—	—	—	—	—	
1974--	1	(D)	(D)	(NA)	(NA)		1	(D)	(D)	1	(D)	
Sweetpotatoes (bushels)	1978--	—	—	—	—	—	—	—	—	—	—	
1974--	—	—	—	(NA)	(NA)		—	—	—	—	—	
Hay crops (tons, dry) (see text)	1978--	39	3 309	13 173	38	3 109	37	(D)	(D)	36	(D)	
1974--	39	1 888	6 432	(NA)	(NA)		28	1 680	6 211	27	1 480	
Alfalfa hay (tons, dry)	1978--	33	2 913	12 369	33	2 913	32	(D)	(D)	32	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		24	1 369	5 818	24	1 369	
Other tame dry hay (tons, dry) (see text)	1978--	8	301	598	7	101	7	(D)	(D)	6	(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--	12	2 698	(X)	12	2 698	9	2 695	(X)	9	2 695	
1974--	13	999	(X)	(NA)	(NA)		10	995	(X)	10	995	
Sweet corn	1978--	4	(D)	(X)	4	(D)	2	(D)	(X)	2	(D)	
1974--	(NA)	(NA)	(X)	(NA)	(NA)		2	(D)	(X)	2	(D)	
Tomatoes	1978--	1	(D)	(X)	1	(D)	—	—	(X)	—	—	
1974--	(NA)	(NA)	(X)	(NA)	(NA)		—	—	(X)	—	—	
Green peas excluding cowpeas	1978--	—	—	(X)	—	—	—	—	(X)	—	—	
1974--	(NA)	(NA)	(X)	(NA)	(NA)		—	—	(X)	—	—	
Land in orchards	1978--	35	(D)	(X)	35	(D)	21	(D)	(X)	21	(D)	
1974--	27	4 813	(X)	(NA)	(NA)		12	4 743	(X)	12	4 743	
Apples (pounds)	1978--	2	(D)	(D)	(NA)	(NA)	1	(D)	(NA)	(NA)	(NA)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		—	(NA)	(NA)	(NA)	(NA)	
Peaches (pounds)	1978--	14	38	219 665	(NA)	(NA)	9	36	(D)	(NA)	(NA)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		(NA)	(D)	(NA)	(NA)	(NA)	
Grapes (pounds) (see text)	1978--	5	9	26 150	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)		1	(D)	(D)	(NA)	(NA)	
Berries	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)	
1974--	—	—	(X)	(NA)	(NA)		—	—	(X)	—	—	
Strawberries (pounds)	1978--	—	—	—	—	—	—	—	—	—	—	
Nursery and greenhouse products	1978--	27	58	(X)	18	42	22	57	(X)	15	41	
1974--	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	525	2 387 333	525	2 281 780	446	1 567 198	469	1 476 017
Average size of farm	(X)	4 547	(X)	4 346	(X)	3 514	(X)	3 147
Approximate land area	(X)	3 432 960	(X)	3 432 960	(X)	3 432 960	(X)	3 432 960
Proportion in farms	(X)	69.5	(X)	66.5	(X)	45.7	(X)	43.0
Value of land and buildings: ¹								
Average per farm	1 437	512	(X)	940	411	(X)	760	284
Average per acre	(X)	318	(X)	216	(X)	382	(X)	242
Land in farms according to use:								
Total cropland	413	361 117	428	360 752	365	(D)	394	312 552
Harvested cropland	377	206 679	388	239 036	341	193 424	362	220 850
By acres harvested:								
1 to 9 acres	38	178	18	(NA)	16	80	4	(NA)
10 to 19 acres	17	214	16	(NA)	8	112	8	(NA)
20 to 29 acres	10	230	3	(NA)	9	(D)	3	(NA)
30 to 49 acres	5	194	6	(NA)	4	(D)	5	(NA)
50 to 99 acres	16	1 178	47	(NA)	16	1 178	47	(NA)
100 to 199 acres	39	5 903	53	(NA)	39	5 903	53	(NA)
200 to 499 acres	112	37 524	88	(NA)	112	37 524	88	(NA)
500 to 999 acres	91	60 725	97	(NA)	90	(D)	97	(NA)
1,000 acres or more	49	100 533	60	(NA)	47	(D)	57	(NA)
Cropland used only for pasture	89	(D)	78	6 831	68	(D)	63	(D)
Other cropland	264	(D)	214	114 885	255	(D)	207	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	20	(D)	(NA)	(NA)	19	(D)	3	(D)
Cropland on which all crops failed	14	1 354	(NA)	(NA)	11	(D)	2	(D)
Cropland in cultivated summer fallow	109	68 748	(NA)	(NA)	106	66 284	69	33 478
Cropland idle	179	74 949	(NA)	(NA)	175	74 754	149	51 605
Total woodland	7	330	6	95 740	5	(D)	6	95 740
Woodland pastured	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Woodland not pastured	6	(D)	(NA)	(NA)	4	(D)	5	(D)
Other land	374	2 025 886	399	1 825 288	317	1 222 720	357	1 067 725
Pastureland and rangeland, other than cropland and woodland pastured	139	1 979 349	(NA)	(NA)	118	1 192 560	136	1 025 624
Land in house lots, ponds, roads, wasteland, etc.	302	46 537	(NA)	(NA)	254	30 160	311	42 101
Pastureland, all types	203	1 987 786	(NA)	(NA)	167	1 200 241	(NA)	1 031 625
Irrigated land	406	221 578	409	246 421	361	207 714	376	227 296
Harvested cropland irrigated	377	206 549	(NA)	(NA)	341	193 294	361	220 849
Pastureland irrigated	63	5 877	(NA)	(NA)	47	5 268	(NA)	4 254
Other land irrigated	47	9 152	(NA)	(NA)	47	9 152	16	2 193
Land set aside in the federal farm programs in 1978	126	8 061	(X)	(X)	124	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold ¹	525	287 601	525	296 034	446	281 606	469	288 930
Average per farm	(X)	547 812	(X)	563 874	(X)	631 404	(X)	616 055
Farms by value of agricultural products sold: ¹								
\$100,000 or more	271	275 626	255	(NA)	271	275 626	255	(NA)
\$40,000 to \$99,999	68	4 477	78	(NA)	68	4 477	78	(NA)
\$20,000 to \$39,999	29	892	42	(NA)	29	892	42	(NA)
\$10,000 to \$19,999	23	323	44	(NA)	23	323	44	(NA)
\$5,000 to \$9,999	27	185	20	(NA)	27	185	20	(NA)
\$2,500 to \$4,999	28	103	22	(NA)	28	103	22	(NA)
Less than \$2,500 (see text)	71	82	59	(NA)	(X)	(X)	8	(NA)
\$2,000 to \$2,499	13	29	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	14	23	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	20	24	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	24	6	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	8	5 913	5	(NA)	(X)	(X)	(X)	(X)
Crops	346	106 282	370	103 092	328	101 216	(NA)	96 264
Grains	195	7 915	(NA)	(NA)	190	7 113	251	14 370
Commodity Credit Corporation loans	34	335	(NA)	(NA)	32	(D)	(NA)	(NA)
Cotton and cottonseed	281	78 938	(NA)	(NA)	279	(D)	314	67 909
Commodity Credit Corporation loans	30	1 669	(NA)	(NA)	29	(D)	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	96	2 499	(NA)	(NA)	89	2 227	97	2 412
Vegetables, sweet corn, and melons	30	11 384	(NA)	(NA)	26	11 363	18	7 235
Fruits, nuts, and berries	22	2 583	(NA)	(NA)	16	2 576	8	1 332
Nursery and greenhouse products	7	(D)	4	213	6	(D)	4	213
Other crops	22	(D)	(NA)	(NA)	21	(D)	18	2 793
Livestock, poultry, and their products	256	181 320	248	192 940	202	180 390	201	192 666
Poultry and poultry products	24	(D)	25	933	13	(D)	22	932
Dairy products	4	1 992	(NA)	(NA)	2	(D)	5	1 029
Cattle and calves	191	175 299	(NA)	(NA)	155	174 947	179	187 729
Hogs and pigs	37	1 533	(NA)	(NA)	27	1 418	36	1 467
Sheep, lambs, and wool	17	1 415	(NA)	(NA)	12	1 415	7	1 407
Other livestock and livestock products (see text)	70	(D)	(NA)	(NA)	46	247	17	102

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	525	525	2 387 333	377	648 107	206 679	406	761 051	206 679	221 578
Farms with—										
1 to 9 acres	63	48	201	16	73	61	24	106	61	83
10 to 49 acres	46	32	955	31	552	371	35	632	371	469
50 to 69 acres	5	8	261	3	156	62	5	261	62	135
70 to 99 acres	16	28	1 289	13	1 032	640	14	1 112	640	732
100 to 139 acres	16	9	1 827	9	1 001	605	12	1 321	605	629
140 to 179 acres	20	52	3 224	17	2 726	1 730	18	2 891	1 730	1 821
180 to 219 acres	8	3	1 524	7	1 324	942	7	1 324	942	1 042
220 to 259 acres	10	6	2 355	7	1 665	1 072	7	1 665	1 072	1 074
260 to 499 acres	66	67	24 990	58	21 800	13 953	59	22 121	13 953	14 988
500 to 999 acres	99	94	71 330	91	66 247	40 196	93	67 437	40 196	42 458
1,000 to 1,999 acres	86	92	123 989	78	113 558	61 964	82	118 034	61 964	66 920
2,000 acres or more	90	86	2 155 368	47	437 973	85 083	50	544 147	85 083	91 227

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	525	2 387 333	525	2 281 780	446	1 567 198	469	1 476 017	
Harvested cropland	377	206 679	388	239 036	341	193 424	362	220 850	
Tenure of operator:									
Full owners	268	975 929	265	954 942	206	208 899	230	174 747	
Harvested cropland	182	91 536	(NA)	94 770	153	78 373	(NA)	84 819	
Part owners	161	1 232 549	139	1 088 110	154	1 180 646	133	1 074 496	
Harvested cropland	122	78 982	(NA)	88 916	119	78 950	(NA)	80 689	
Tenants	96	178 855	121	238 728	86	177 653	106	226 774	
Harvested cropland	73	36 161	(NA)	55 350	69	36 101	(NA)	55 342	
Type of organization:									
Individual or family	309	606 380	(NA)	(NA)	251	603 525	322	694 404	
Partnership	112	389 017	(NA)	(NA)	102	388 657	81	276 679	
Corporation	88	572 782	(NA)	(NA)	88	572 782	62	497 079	
Other—cooperative, estate or trust, institutional, etc.	16	819 154	(NA)	(NA)	5	2 234	4	7 855	
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more	
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974
Operators by principal occupation:									
Farming	346	326	326	321	260	197	214	170	
Other	179	128	120	82	217	147	194	135	
Operators by age group:					Not reported	48	110	38	98
Under 25 years	13	10	13	7	None	269	209	258	201
25 to 34 years	53	55	46	49	1 to 49 days	36	17	28	12
35 to 44 years	116	87	89	69	50 to 99 days	12	5	10	5
45 to 54 years	162	115	133	108	100 to 149 days	18	5	17	4
55 to 64 years	111	109	104	97	150 to 199 days	20	8	16	6
65 years and over	70	78	61	73	200 days or more	151	99	101	66
Average age	49.3	50.1	49.7	50.7					

*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	96 691	150	90 252	105	96 649	119	90 151
Feed for livestock and poultry	223	73 984	220	90 649	166	73 719	178	90 439
Commercially mixed formula feeds	59	7 201	147	12 897	57	(D)	120	12 797
Animal health costs	200	1 888	(NA)	(NA)	141	1 856	128	990
Seeds, bulbs, plants, and trees	330	1 950	359	3 182	315	1 891	342	3 032
Commercial fertilizer	346	7 897	361	8 294	332	7 436	342	7 661
Other agricultural chemicals including lime	346	9 637	303	5 173	327	8 856	295	4 896
Hired farm labor	351	18 943	376	15 476	339	17 638	363	14 262
Contract labor	173	4 511	178	2 306	169	4 374	173	2 206
Customwork, machine hire, and rental of machinery and equipment	256	4 791	250	3 872	238	4 379	240	3 406
Energy and petroleum products	523	17 735	(NA)	(NA)	443	16 940	(NA)	(NA)
Petroleum products	523	(D)	512	3 930	443	(D)	466	3 740
Gasoline	516	1 911	(NA)	(NA)	436	1 827	455	1 329
Diesel fuel	338	2 448	(NA)	(NA)	333	2 260	301	1 454
LP gas, butane, and propane	242	506	(NA)	(NA)	238	442	257	496
Fuel oil	52	(D)	(NA)	(NA)	52	(D)		
Natural gas	92	1 347	(NA)	(NA)	88	1 258	466	460
Kerosene, motor oil, and grease	523	538	(NA)	(NA)	443	484	(NA)	(NA)
Electricity	388	10 850	(NA)	(NA)	352	10 538	(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—						
Cropland fertilized, except pasture—	340	197 560	326	184 256	342	207 204
Pasture and rangeland fertilized—	336	195 839	322	(D)	(NA)	206 368
Lime—	21	1 721	19	(D)	(NA)	836
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops—	259	142 058	247	129 842	(NA)	136 616
Nematodes in crops—	20	7 730	20	7 730	8	3 061
Diseases in crops and orchards—	16	10 969	15	(D)	9	7 857
Weeds, grass, or brush in crops and pasture—	236	149 191	223	137 739	(NA)	89 154
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit—	233	106 795	227	100 354	145	67 948
Insect control on livestock and poultry—	71	(X)	59	(X)	23	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—	farms							
\$1,000—	\$1,000—							
Average per farm—	61 204	501	57 027	441	456	27	40	26
Farms by value group:	117 475	80 860	129 312	83 121	\$20,000 to \$29,999—	29	76	29
\$1 to \$4,999—	41	39	29	19	\$30,000 to \$49,999—	44	62	75
\$5,000 to \$9,999—	86	44	30	31	\$50,000 to \$69,999—	42	42	62
\$10,000 to \$19,999—	63	81	58	75	\$70,000 to \$99,999—	97	159	97
					\$100,000 to \$199,999—	92		88
					\$200,000 or more—			156
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999—								
\$30,000 to \$49,999—								
\$50,000 to \$69,999—								
\$70,000 to \$99,999—								
\$100,000 to \$199,999—								
1978								
1974								
SELECTED MACHINERY AND EQUIPMENT								
Automobiles—	309	506	239	367	93	139	319	571
Motortrucks including pickups—	490	1 806	390	960	305	846	479	1 827
Wheel tractors—	401	1 858	241	644	357	1 214	435	2 001
Grain and bean combines, self-propelled only—	49	71	16	18	40	53	56	89
Corn heads for combines—	—	—	—	—	—	—	1	(D)
Other compickers and picker-shellers—	—	—	—	—	—	—	12	15
Cottonpickers—	205	455	118	240	122	215	(NA)	(NA)
Mower conditioners—	25	28	14	15	11	13	30	40
Pickup balers—	42	69	10	22	33	47	50	57
Field forage harvesters, shear bar or flywheel type—	27	32	16	20	11	12	12	17
								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—	351	275	(X)	291	(X)	339	363
Workers—	6 205	(X)	2 016	4 189		5 907	6 769
Farms with—							
1 worker—	25	49	49	43	43	25	76
2 workers—	45	37	74	50	100	39	30
3 or 4 workers—	61	67	241	50	177	61	46
5 to 9 workers—	94	78	491	59	375	92	56
10 workers or more—	126	44	1 161	89	3 494	122	155

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	269	(X)	253	(X)	212	(X)	205	(X)
Any cattle, hogs, or sheep	220	(X)	227	(X)	176	(X)	186	(X)
Sales:								
Any livestock or poultry and their products	256	181 320	248	192 940	202	180 390	201	192 666
Any cattle, hogs, or sheep	220	178 247	237	(NA)	179	177 779	195	190 603
CATTLE AND CALVES								
Inventory:								
Cattle and calves	196	307 023	211	222 965	156	304 277	175	220 406
Cows and heifers that had calved	130	21 105	168	22 541	110	(D)	141	21 034
Beef cows	118	19 518	137	21 465	103	(D)	117	19 987
Milk cows	25	1 587	53	1 076	15	(D)	40	1 047
Heifers and heifer calves	145	18 209	(NA)	(NA)	115	(D)	129	17 824
Steers, steer calves, bulls and bull calves	186	267 709	(NA)	(NA)	149	266 835	155	181 548
Sales:								
Cattle and calves	191	360 473	214	491 190	155	359 288	179	490 069
\$1,000	(X)	175 299	(X)	(NA)	174 947	(X)	187 729	
Calves	96	11 522	(NA)	(NA)	74	11 130	99	10 495
\$1,000	(X)	2 731	(X)	(NA)	2 659	(X)	1 526	
Cattle	161	348 951	(NA)	(NA)	137	348 158	138	479 574
\$1,000	(X)	172 567	(X)	(NA)	172 288	(X)	186 203	
Fattened cattle	25	295 451	(NA)	(NA)	22	295 424	24	462 358
\$1,000	(X)	156 399	(X)	(NA)	156 383	(X)	182 424	
Dairy products	4	1 992	(NA)	(NA)	2	(D)	5	1 029
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	48	13 946	51	11 816	29	12 792	34	11 567
Used or to be used for breeding	27	1 718	(NA)	(NA)	17	1 566	27	1 779
Other hogs and pigs	46	12 228	(NA)	(NA)	28	11 226	15	9 788
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	29	2 619	40	2 341	19	2 342	28	2 318
Dec. 1 of preceding year and May 31	27	1 339	36	1 182	18	1 189	28	1 168
June 1 and Nov. 30	20	1 280	33	1 159	14	1 153	26	1 150
Sheep and lambs	16	25 795	10	33 143	10	25 769	7	33 116
Ewes 1 year old or older	12	9 509	(NA)	(NA)	9	9 500	6	11 260
Goats	8	60	(NA)	(NA)	4	50	2	(D)
Horses and ponies	159	2 091	109	1 597	127	1 158	77	675
Sales:								
Hogs and pigs	37	15 570	52	19 186	27	14 312	36	18 987
\$1,000	(X)	1 533	(X)	(NA)	1 418	(X)	1 467	
Feeder pigs	9	(D)	7	287	5	(D)	4	233
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	7	
Sheep and lambs	14	23 450	8	33 416	11	23 441	7	(D)
Sheep and lambs shorn	9	22 080	(NA)	(NA)	7	(D)	5	25 577
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	246 341
Sheep, lambs, and wool	17	1 415	(NA)	(NA)	12	1 415	7	1 407
Goats	4	11	(NA)	(NA)	1	(D)	—	—
Horses and ponies	58	196	25	161	41	148	13	43
\$1,000	(X)	230	(X)	(NA)	(X)	213	(X)	29
POULTRY								
Inventory:								
Any poultry	53	(X)	49	(X)	36	(X)	37	(X)
Chickens 3 months old or older	51	(D)	47	(D)	35	(D)	36	(D)
Hens and pullets of laying age	49	(D)	47	(D)	35	(D)	36	(D)
Pullets 3 months old or older	16	452	(NA)	(NA)	10	169	—	—
Pullet chicks and pullets under 3 months old	5	148	(NA)	(NA)	3	(D)	—	—
Broilers and other meat-type chickens	15	279	4	52	10	158	—	—
Turkeys	11	246	(NA)	(NA)	4	201	1	(D)
Turkeys for slaughter	11	(D)	(NA)	(NA)	4	(D)	1	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	—	—
Other poultry	19	(X)	(NA)	(X)	12	(X)	2	(X)
Sales:								
Any poultry	20	(X)	24	(X)	12	(X)	22	(X)
Chickens 3 months old or older	11	56 781	21	(D)	5	56 488	20	(D)
Hens and pullets of laying age	10	(D)	21	(D)	5	(D)	20	(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	3	5	1	(D)	—	—	—	—
Turkeys	4	214	(NA)	(NA)	3	(D)	—	—
Turkeys for slaughter	4	214	(NA)	(NA)	3	(D)	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	5	(X)	(NA)	(X)	3	(X)	2	(X)
Poultry and poultry products	\$1,000	24	(D)	25	933	13	22	932

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	410	(X)	6	410	5	(D)	(X)	5	(D)
	1974--	5	472	(X)	(NA)	(NA)	5	472	(X)	5	472
For grain or seed (bushels) -----	1978--	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green) -----	1978--	3	(D)	4 630	3	(D)	2	(D)	(D)	2	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	4	(D)	9 246	4	(D)
For fodder, hogged or grazed -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Sorghums for all purposes-----	1978--	28	2 452	(X)	28	2 452	26	(D)	(X)	26	(D)
	1974--	56	7 940	(X)	(NA)	(NA)	51	6 170	(X)	51	6 170
For grain or seed (bushels) -----	1978--	25	(D)	124 501	25	(D)	25	(D)	124 501	25	2 048
	1974--	50	7 075	433 268	(NA)	(NA)	45	5 764	371 026	45	5 764
For silage or green chop (tons, green) -----	1978--	4	(D)	(D)	4	(D)	2	(D)	(D)	2	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	6	406	8 110	6	406
Cut for dry forage or hay (tons, dry) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Hogged or grazed -----	1978--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-
Wheat for grain (bushels) -----	1978--	111	22 921	1 557 310	111	22 921	108	20 990	1 428 064	108	20 990
	1974--	177	43 050	2 659 277	(NA)	(NA)	171	40 349	2 468 293	171	40 349
Oats for grain (bushels) -----	1978--	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Barley for grain (bushels) -----	1978--	107	15 167	931 453	107	15 167	102	13 022	773 209	102	13 022
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	122	16 832	1 082 759	122	16 832
Rye for grain (bushels) -----	1978--	-	-	-	-	-	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Other small grains for grain -----	1978--	29	3 262	(X)	29	3 262	29	3 262	(X)	29	3 262
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	59	10 857	(X)	59	10 857
Soybeans for beans (bushels) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	-	-	(NA)	(NA)	(NA)	-	-	-	-	-
Peanuts for nuts (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Cotton (bales) -----	1978--	281	134 369	273 076	281	134 369	279	(D)	(D)	279	(D)
	1974--	317	130 614	316 988	(NA)	(NA)	314	123 368	300 319	314	123 368
Tobacco (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Irish potatoes (hundredweight) -----	1978--	3	689	156 437	3	689	3	689	156 437	3	689
	1974--	3	1 905	(D)	(NA)	(NA)	3	1 905	(D)	3	1 905
Sweetpotatoes (bushels) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	-	-	-	(NA)	(NA)	-	-	-	-	-
Hay crops (tons, dry) (see text) -----	1978--	126	13 225	58 243	125	13 095	111	11 095	49 821	110	10 965
	1974--	122	14 321	73 635	(NA)	(NA)	114	13 411	69 390	114	13 411
Alfalfa hay (tons, dry) -----	1978--	113	12 171	56 705	113	12 171	102	10 078	48 369	102	10 078
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	108	12 289	67 554	108	12 289
Other tame dry hay (tons, dry) (see text) -----	1978--	7	188	361	6	118	6	(D)	(D)	5	(D)
Field seed crops -----	1978--	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	4	212	(X)	4	212
Alfalfa seed (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	4	212	26 610	4	212
Red clover seed (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
All vegetables harvested for sale (see text) -----	1978--	30	5 879	(X)	30	5 879	26	5 834	(X)	26	5 834
	1974--	19	4 431	(X)	(NA)	(NA)	18	(D)	(X)	18	4 227
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--	55	7 724	(X)	55	7 724	38	7 431	(X)	38	7 431
	1974--	23	4 441	(X)	(NA)	(NA)	13	4 335	(X)	13	4 335
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--	7	3	(D)	(NA)	(NA)	4	(Z)	175	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	7	121	713 750	(NA)	(NA)	4	120	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	102	588 000	(NA)	(NA)
Berries -----	1978--	-	-	(X)	-	-	-	-	(X)	-	-
	1974--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-
Strawberries (pounds) -----	1978--	-	-	-	(NA)	(NA)	-	-	-	-	-
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-
Nursery and greenhouse products -----	1978--	7	225	(X)	7	225	6	(D)	(X)	6	(D)
	1974--	20	2 243	(X)	(NA)	(NA)	19	(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	130	407 326	113	286 263	100	401 922	79	275 788
Average size of farm	(X)	3 133	(X)	2 533	(X)	4 019	(X)	3 491
Approximate land area	(X)	797 440	(X)	797 440	(X)	797 440	(X)	797 440
Proportion in farms percent	(X)	51.1	(X)	35.9	(X)	50.4	(X)	34.6
Value of land and buildings: ¹								
Average per farm dollars	1 207 914	(X)	417 372	(X)	1 529 075	(X)	541 671	(X)
Average per acre dollars	400		165		390		155	
Land in farms according to use:								
Total cropland	50	7 732	50	9 655	35	(D)	31	5 392
Harvested cropland	24	1 975	19	1 142	19	1 861	16	(D)
By acres harvested:								
1 to 9 acres	7	25	5	(NA)	4	21	3	(NA)
10 to 19 acres	1	(D)	—	(NA)	1	(D)	—	(NA)
20 to 29 acres	2	(D)	—	(NA)	2	(D)	—	(NA)
30 to 49 acres	5	166	8	(NA)	4	(D)	7	(NA)
50 to 99 acres	2	(D)	3	(NA)	1	(D)	3	(NA)
100 to 199 acres	2	(D)	1	(NA)	2	(D)	1	(NA)
200 to 499 acres	5	1 367	2	(NA)	5	1 367	2	(NA)
500 to 999 acres	—	—	—	(NA)	—	—	—	(NA)
1,000 acres or more	—	—	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	34	(D)	38	8 284	22	(D)	21	4 067
Other cropland	5	(D)	8	229	4	(D)	6	(D)
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	—	—	(NA)	(NA)	—	—	2	(D)
Cropland on which all crops failed	1	(D)	(NA)	(NA)	1	(D)	3	189
Cropland in cultivated summer fallow	—	—	(NA)	(NA)	—	—	1	(D)
Cropland idle	5	353	(NA)	(NA)	4	(D)	—	—
Total woodland	5	1 486	6	623	4	(D)	3	363
Woodland pastured	5	1 486	(NA)	(NA)	4	(D)	3	363
Woodland not pastured	—	—	(NA)	(NA)	—	—	—	—
Other land	114	398 108	89	275 985	91	394 500	70	270 033
Pastureland and rangeland, other than cropland and woodland pastured	87	(D)	(NA)	(NA)	76	390 247	56	268 632
Land in house lots, ponds, roads, wasteland, etc.	64	(D)	(NA)	(NA)	51	4 253	43	1 401
Pastureland, all types	111	399 148	(NA)	(NA)	87	395 425	(NA)	273 062
Irrigated land	33	3 968	24	1 701	24	3 736	20	1 660
Harvested cropland irrigated	23	(D)	(NA)	(NA)	18	(D)	15	1 056
Pastureland irrigated	14	2 103	(NA)	(NA)	10	1 985	(NA)	(D)
Other land irrigated	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Land set aside in the federal farm programs in 1978	1	(D)	(X)	(X)	1	(D)	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	130	4 306	113	6 269	100	4 262	79	6 232
Average per farm dollars	(X)	33 121	(X)	55 478	(X)	42 624	(X)	78 886
Farms by value of agricultural products sold: ¹								
\$100,000 or more	11	2 228	3	(NA)	11	2 228	3	(NA)
\$40,000 to \$99,999	18	1 153	11	(NA)	18	1 153	11	(NA)
\$20,000 to \$39,999	15	404	14	(NA)	15	404	14	(NA)
\$10,000 to \$19,999	22	294	17	(NA)	22	294	17	(NA)
\$5,000 to \$9,999	18	127	13	(NA)	18	127	13	(NA)
\$2,500 to \$4,999	16	56	17	(NA)	16	56	17	(NA)
Less than \$2,500 (see text)	29	(D)	38	(NA)	(X)	(X)	4	(NA)
\$2,000 to \$2,499	5	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	7	11	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	6	8	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	11	(D)	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	1	(D)	—	(NA)	(X)	(X)	(X)	(X)
Crops	11	(D)	9	133	11	256	(NA)	(D)
Grains	5	22	(NA)	(NA)	5	22	3	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	7	151	(NA)	(NA)	7	151	6	57
Vegetables, sweet corn, and melons	1	(D)	(NA)	(NA)	1	(D)	—	—
Fruits, nuts, and berries	1	(D)	(NA)	(NA)	1	(D)	—	—
Nursery and greenhouse products	—	—	—	—	—	—	—	—
Other crops	1	(D)	(NA)	(NA)	1	(D)	—	—
Livestock, poultry, and their products	123	(D)	109	6 136	97	4 006	77	(D)
Poultry and poultry products	1	(D)	4	2	—	—	3	(Z)
Dairy products	—	—	(NA)	(NA)	—	—	—	—
Cattle and calves	108	3 889	(NA)	(NA)	88	3 880	71	5 975
Hogs and pigs	4	(D)	(NA)	(NA)	3	(D)	2	(D)
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	2	(D)	3	3
Other livestock and livestock products (see text)	29	153	(NA)	(NA)	21	138	16	(D)

¹1978 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			Irrigated land
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms	130	113	407 326	24	39 929	1 975	33	59 772	1 975	3 968
Farms with—										
1 to 9 acres	6	12	21	—	—	—	—	—	—	—
10 to 49 acres	10	2	312	2	(D)	(D)	3	66	(D)	60
50 to 69 acres	3	2	172	1	(D)	(D)	1	(D)	(D)	(D)
70 to 99 acres	3	8	269	2	(D)	(D)	3	269	(D)	101
100 to 139 acres	5	9	596	1	(D)	(D)	2	(D)	(D)	(D)
140 to 179 acres	12	10	1 913	—	—	—	—	—	—	—
180 to 219 acres	10	5	1 962	2	(D)	(D)	3	553	(D)	28
220 to 259 acres	6	5	1 409	2	(D)	(D)	2	(D)	(D)	(D)
260 to 499 acres	17	10	6 039	6	2 241	932	6	2 241	932	982
500 to 999 acres	17	18	13 353	2	(D)	(D)	3	2 179	(D)	116
1,000 to 1,999 acres	14	10	19 691	2	(D)	(D)	2	(D)	(D)	(D)
2,000 acres or more	27	22	361 589	4	32 467	338	8	51 031	338	2 018

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	130	407 326	113	286 263	100	401 922	79	275 788		
Harvested cropland	24	1 975	19	1 142	19	1 861	16	1 106		
Tenure of operator:										
Full owners	71	70 188	72	117 978	50	66 889	48	111 253		
Harvested cropland	10	276	(NA)	320	6	(D)	(NA)	319		
Part owners	46	291 465	32	165 196	40	290 280	27	162 938		
Harvested cropland	9	892	(NA)	510	8	(D)	(NA)	510		
Tenants	13	45 673	9	3 089	10	44 753	4	1 597		
Harvested cropland	5	807	(NA)	312	5	807	(NA)	277		
Type of organization:										
Individual or family	103	280 868	(NA)	(NA)	76	276 248	66	163 505		
Partnership	12	41 249	(NA)	(NA)	10	(D)	5	(D)		
Corporation	12	79 358	(NA)	(NA)	12	79 358	7	103 991		
Other—cooperative, estate or trust, institutional, etc.	3	5 851	(NA)	(NA)	2	(D)	1	(D)		
All farms		Farms with sales of \$2,500 or more				All farms		Farms with sales of \$2,500 or more		
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974	
Operators by principal occupation:										
Farming	60	51	57	44						
Other	70	54	43	27	Operators by place of residence:					
					On farm operated	88	67	66	46	
					Not on farm operated	29	19	23	14	
					Not reported	13	19	11	11	
Operators by age group:					Operators reporting days of work off farm:					
Under 25 years	—	2	—	—	None	58	26	47	24	
25 to 34 years	5	9	4	6	1 to 49 days	14	6	13	5	
35 to 44 years	15	5	11	1	50 to 99 days	3	2	3	—	
45 to 54 years	26	16	22	14	100 to 149 days	6	2	6	2	
55 to 64 years	43	53	32	37	150 to 199 days	8	10	4	5	
65 years and over	41	20	31	13	200 days or more	35	37	21	18	
Average age	57.7	56.5	57.6	57.4						

*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	1 046	44	3 423	39	(D)	30	3 416		
Feed for livestock and poultry	118	607	107	1 359	89	595	74	1 330		
Commercially mixed formula feeds	41	94	79	479	22	88	52	460		
Animal health costs	117	53	(NA)	(NA)	91	51	58	43		
Seeds, bulbs, plants, and trees	10	10	21	8	9	(D)	14	7		
Commercial fertilizer	8	17	16	30	8	17	12	30		
Other agricultural chemicals including lime	18	36	10	4	15	36	10	4		
Hired farm labor	81	568	62	473	78	566	54	467		
Contract labor	10	30	5	4	10	30	2	(D)		
Customwork, machine hire, and rental of machinery and equipment	17	36	17	25	14	34	14	25		
Energy and petroleum products	128	328	(NA)	(NA)	101	319	(NA)	(NA)		
Petroleum products	128	249	105	159	101	241	75	155		
Gasoline	123	136	(NA)	(NA)	98	130	75	87		
Diesel fuel	30	45	(NA)	(NA)	30	45	19	42		
LP gas, butane, and propane	42	49	(NA)	(NA)	42	49	23	13		
Fuel oil	3	(D)	(NA)	(NA)	3	(D)				
Natural gas	5	(D)	(NA)	(NA)	3	(D)	74	13		
Kerosene, motor oil, and grease	128	16	(NA)	(NA)	101	15	(NA)	(NA)		
Electricity	67	75	(NA)	(NA)	62	73	(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	6	854	6	854	12	735
Cropland fertilized, except pasture	6	854	6	854	(NA)	581
Pasture and rangeland fertilized	-	-	-	-	(NA)	154
Lime	-	-	-	-	-	-
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	2	(D)	1	(D)	(NA)	160
Nematodes in crops	-	-	-	-	-	-
Diseases in crops and orchards	-	-	-	-	-	-
Weeds, grass, or brush in crops and pasture	4	4 158	4	4 158	(NA)	190
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	1	(D)	1	(D)	-	-
Insect control on livestock and poultry	21	(X)	19	(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		All farms		Farms with sales of \$2,500 or more							
	1978		1974		1978		1974							
	Farms	Number	Farms	Number	Farms	Number	Farms	Number						
ALL MACHINERY AND EQUIPMENT														
Estimated market value of all machinery and equipment—farms—\$1,000—														
133	101	101	72											
1 813	1 455	1 644	1 309											
Average per farm—dollars—														
13 628	14 406	16 281	18 181											
Farms by value group:														
\$1 to \$4,999	26	27	19	9										
\$5,000 to \$9,999	48	26	28	17										
\$10,000 to \$19,999	27	30	22	29										
ALL MACHINERY AND EQUIPMENT—Con.														
Estimated market value of all machinery and equipment—Con.														
\$20,000 to \$29,999	15	9	15	8										
\$30,000 to \$49,999	9	5	9	5										
\$50,000 to \$69,999	8	1	8	1										
\$70,000 to \$99,999														
\$100,000 to \$199,999														
\$200,000 or more														
1978														
All farms														
Manufactured 1974 to 1978														
Manufactured prior to 1974														
Farms		Farms		Farms		Farms		Manufactured 1970 to 1974						
Number		Number		Number		Number								
SELECTED MACHINERY AND EQUIPMENT														
Automobiles														
70	110	43	51	42	59	67	96	68						
110	243	61	94	85	149	94	223	108						
Wheel tractors	51	82	6	45	76	48	89	27						
Grain and bean combines, self-propelled only	2	(D)	-	2	(D)	1	(D)	-						
Corn heads for combines	-	-	-	-	-	-	-	-						
Other compickers and picker-shellers	-	-	-	-	-	-	-	-						
Cottonpickers	1	(D)	-	1	(D)	(NA)	(NA)	(NA)						
Mower conditioners	6	6	1	(D)	5	(D)	4	5						
Pickup boilers	6	8	-	-	6	8	5	6						
Field forage harvesters, shear bar or flywheel type	2	(D)	2	(D)	-	-	2	(D)						

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers—All farms, 1978					Any hired workers— 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	81	46	(X)	59	(X)	78	54
Workers	241	(X)	90	(X)	151	238	192
Farms with—							
1 worker	26	21	21	26	26	23	18
2 workers	22	18	36	14	28	22	11
3 or 4 workers	17	4	14	9	30	17	12
5 to 9 workers	13	3	19	8	(D)	13	10
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	128	(X)	110	(X)	98	(X)	76
Any cattle, hogs, or sheep	108	(X)	104	(X)	87	(X)	72
Sales:							
Any livestock or poultry and their products	123	(D)	109	6 136	97	4 006	77
Any cattle, hogs, or sheep	108	3 896	103	(NA)	88	3 867	73
CATTLE AND CALVES							
Inventory:							
Cattle and calves	108	20 663	103	30 989	87	20 388	71
Cows and heifers that had calved	103	13 252	96	16 023	82	13 115	69
Beef cows	100	13 210	96	15 977	80	13 081	69
Milk cows	20	42	22	46	14	34	20
Heifers and heifer calves	88	3 143	(NA)	(NA)	70	3 048	58
Steers, steer calves, bulls and bull calves	99	4 268	(NA)	(NA)	84	4 225	64
Sales:							
Cattle and calves	108	13 302	101	23 251	88	13 203	71
\$1,000	(X)	3 889	(X)	(NA)	(X)	3 860	(X)
Calves	77	5 934	(NA)	(NA)	67	5 872	53
\$1,000	(X)	1 490	(X)	(NA)	(X)	1 475	(X)
Cattle	84	7 368	(NA)	(NA)	71	7 331	57
\$1,000	(X)	2 398	(X)	(NA)	(X)	2 385	(X)
Fattened cattle	3	(D)	(NA)	(NA)	2	(D)	2
\$1,000	(X)	(D)	(X)	(NA)	(X)	(D)	(D)
Dairy products	\$1,000	-	(NA)	(NA)	-	-	-
HOGS, SHEEP, GOATS, AND HORSES							
Inventory:							
Hogs and pigs	8	73	7	42	5	(D)	6
Used or to be used for breeding	4	13	(NA)	(NA)	3	(D)	1
Other hogs and pigs	8	60	(NA)	(NA)	5	49	5
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	4	15	2	(D)	3	(D)	2
Dec. 1 of preceding year and May 31	4	(D)	2	(D)	3	(D)	2
June 1 and Nov. 30	1	(D)	2	(D)	1	(D)	2
Sheep and lambs	3	(D)	3	253	3	(D)	3
Ewes 1 year old or older	2	(D)	(NA)	(NA)	2	(D)	3
Goats	2	(D)	(NA)	(NA)	1	(D)	219
Horses and ponies	97	1 034	70	875	76	816	53
Sales:							
Hogs and pigs	4	50	2	(D)	3	(D)	2
\$1,000	(X)	(D)	(X)	(NA)	(X)	(X)	(D)
Feeder pigs	1	(D)	1	(D)	-	-	1
\$1,000	(X)	(D)	(X)	(NA)	(X)	(X)	(D)
Sheep and lambs	3	(D)	3	83	2	(D)	3
Sheep and lambs shorn	1	(D)	(NA)	(NA)	1	(D)	2
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)
Sheep, lambs, and wool	3	(D)	(NA)	(NA)	2	(D)	3
Goats	-	-	(NA)	(NA)	-	-	-
\$1,000	(X)	-	(X)	(NA)	(X)	-	(X)
Horses and ponies	27	113	22	105	19	91	16
\$1,000	(X)	132	(X)	(NA)	(X)	117	(X)
POULTRY							
Inventory:							
Any poultry	22	(X)	21	(X)	15	(X)	14
Chickens 3 months old or older	22	402	20	495	15	245	14
Hens and pullets of laying age	22	(D)	20	436	15	(D)	354
Pullets 3 months old or older	2	(D)	(NA)	(NA)	1	(D)	305
Pullet chicks and pullets under 3 months old	1	(D)	(NA)	(NA)	-	(D)	38
Broilers and other meat-type chickens	2	(D)	3	21	1	(D)	2
Turkeys	5	24	(NA)	(NA)	3	(D)	1
Turkeys for slaughter	4	15	(NA)	(NA)	3	(D)	12
Turkey hens kept for breeding	4	9	(NA)	(NA)	2	(D)	2
Other poultry	2	(X)	(NA)	(X)	1	(X)	3
Sales:							
Any poultry	3	(X)	3	(X)	2	(X)	2
Chickens 3 months old or older	-	-	3	370	-	-	(X)
Hens and pullets of laying age	-	-	3	370	-	-	(D)
Pullets 3 months old or older	-	-	(NA)	(NA)	-	-	-
Pullet chicks and pullets under 3 months old	-	-	(NA)	(NA)	-	-	1
Broilers and other meat-type chickens	1	(D)	-	-	-	-	(D)
Turkeys	-	-	(NA)	(NA)	-	-	-
Turkeys for slaughter	-	-	(NA)	(NA)	-	-	-
Turkey hens kept for breeding	-	-	(NA)	(NA)	-	-	-
Other poultry	-	(X)	(NA)	(X)	-	(X)	-
Poultry and poultry products	\$1,000	1	(D)	4	2	-	3

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	40	(X)	3	40	3	40	(X)	3	40
1974--	5	163	(X)	(NA)	(NA)	5	163	(X)	5	163	
For grain or seed (bushels) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	1	(D)	
1974--	-	-	-	(NA)	(NA)	-	-	-	-	-	
For silage or green chop (tons, green) -----	1978--	2	(D)	(D)	2	(D)	2	(D)	2	(D)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	(D)	2 275	3	(D)	
For fodder, hogged or grazed -----	1978--	-	-	(X)	-	2	(D)	(X)	2	(D)	
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--	2	(D)	(D)	2	(D)	2	(D)	2	(D)	
1974--	-	-	(NA)	(NA)	-	1	(D)	(D)	-	-	
Oats for grain (bushels) -----	1978--	1	(D)	(D)	-	1	(D)	(D)	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Barley for grain (bushels) -----	1978--	4	133	12 140	4	133	4	133	12 140	4	133
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	3	298	21 070	3	298	
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--	1	(D)	(D)	1	(D)	1	(D)	1	(D)	
1974--	-	-	(NA)	(NA)	-	-	-	-	-	-	
Cotton (bales) -----	1978--	2	(D)	(D)	2	(D)	2	(D)	2	(D)	
1974--	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)	
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--	16	1 431	4 349	15	1 331	14	(D)	(D)	13	(D)
1974--	13	669	2 105	(NA)	(NA)	12	(D)	(D)	11	585	
Alfalfa hay (tons, dry) -----	1978--	15	1 241	4 104	15	1 241	13	(D)	(D)	13	(D)
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	8	490	1 860	8	490	
Other tame dry hay (tons, dry) (see text) -----	1978--	1	(D)	(D)	-	1	(D)	(D)	-	-	
Field seed crops -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Alfalfa seed (pounds) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
1974--	(NA)	(NA)	(D)	(NA)	(NA)	-	-	(D)	-	-	
Red clover seed (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
All vegetables harvested for sale (see text) -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
1974--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-	
Sweet corn -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Tomatoes -----	1978--	-	-	(X)	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Green peas excluding cowpeas -----	1978--	-	-	(X)	-	-	-	(X)	-	-	
1974--	(NA)	(NA)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Land in orchards -----	1978--	5	(D)	(X)	5	(D)	2	(D)	(X)	2	(D)
1974--	1	(D)	(X)	(NA)	(NA)	-	-	(X)	-	-	
Apples (pounds) -----	1978--	5	4	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Peaches (pounds) -----	1978--	2	(D)	(D)	(NA)	(NA)	1	(D)	(D)	(NA)	(NA)
1974--	(NA)	(NA)	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Grapes (pounds) (see text) -----	1978--	-	-	-	(NA)	(NA)	-	-	(NA)	(NA)	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	(NA)	(NA)		
Berries -----	1978--	-	-	(X)	-	-	-	(X)	-	-	
1974--	-	-	(X)	(NA)	(NA)	-	-	(X)	-	-	
Strawberries (pounds) -----	1978--	-	-	-	-	-	-	-	-	-	
1974--	(NA)	(NA)	(NA)	(NA)	(NA)	-	-	-	-	-	
Nursery and greenhouse products -----	1978--	-	-	(X)	(NA)	(NA)	-	(X)	-	-	
1974--	-	-	(X)	(NA)	(NA)	-	-	(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	379	2 511 625	320	2 344 570	264	2 431 137	223	2 253 538
Average size of farm	(X)	6 627	(X)	7 327	(X)	9 209	(X)	10 106
Approximate land area	(X)	5 178 240	(X)	5 178 240	(X)	5 178 240	(X)	5 178 240
Proportion in farms, percent	(X)	48.5	(X)	45.3	(X)	46.9	(X)	43.5
Value of land and buildings: ¹								
Average per farm	1 082	198	(X)	495 413	(X)	1 444 204	(X)	648 771
Average per acre	(X)	164		(X)		156	(X)	64
Land in farms according to use:								
Total cropland	211	21 348	177	19 294	141	17 190	118	15 386
Harvested cropland	125	6 665	107	6 897	84	5 224	72	5 751
By acres harvested:								
1 to 9 acres	56	189	37	(NA)	25	94	13	(NA)
10 to 19 acres	13	152	13	(NA)	8	101	9	(NA)
20 to 29 acres	12	278	12	(NA)	9	218	9	(NA)
30 to 49 acres	9	344	13	(NA)	9	344	10	(NA)
50 to 99 acres	22	1 392	13	(NA)	21	(D)	13	(NA)
100 to 199 acres	7	938	8	(NA)	7	938	8	(NA)
200 to 499 acres	3	852	8	(NA)	3	852	8	(NA)
500 to 999 acres	2	(D)	3	(NA)	2	(D)	2	(NA)
1,000 acres or more	1	(D)	—	(NA)	—	—	—	(NA)
Cropland used only for pasture	147	(D)	110	11 476	102	(D)	72	8 985
Other cropland	33	(D)	30	921	18	(D)	23	650
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	4	(D)	(NA)	(NA)	1	(D)	9	356
Cropland on which all crops failed	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Cropland in cultivated summer fallow	2	(D)	(NA)	(NA)	1	(D)	2	(D)
Cropland idle	27	891	(NA)	(NA)	15	572	10	103
Total woodland	15	15 633	17	2 202	8	15 526	11	2 016
Woodland pastured	14	(D)	(NA)	(NA)	7	(D)	8	1 861
Woodland not pastured	3	(D)	(NA)	(NA)	1	(D)	3	155
Other land	313	2 474 644	271	2 323 074	222	2 398 421	198	2 236 136
Pastureland and rangeland, other than cropland and woodland pastured	211	2 460 439	(NA)	(NA)	171	2 385 610	151	2 222 734
Land in house lots, ponds, roads, wasteland, etc.	190	14 205	(NA)	(NA)	112	12 811	132	13 402
Pastureland, all types	310	2 489 607	(NA)	(NA)	232	2 412 341	(NA)	2 233 580
Irrigated land	194	13 743	143	11 528	129	10 632	103	9 672
Harvested cropland irrigated	120	(D)	(NA)	(NA)	81	4 872	71	5 697
Pastureland irrigated	118	7 185	(NA)	(NA)	81	5 726	(NA)	3 896
Other land irrigated	7	(D)	(NA)	(NA)	3	34	3	79
Land set aside in the federal farm programs in 1978	—	—	(X)	(X)	—	—	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	379	19 526	320	7 598	264	18 877	223	7 243
Average per farm	(X)	51 520	(X)	23 744	(X)	71 506	(X)	32 480
Farms by value of agricultural products sold: ¹								
\$100,000 or more	41	13 868	20	(NA)	41	13 868	20	(NA)
\$40,000 to \$99,999	43	2 589	28	(NA)	43	2 589	28	(NA)
\$20,000 to \$39,999	47	1 290	35	(NA)	47	1 290	35	(NA)
\$10,000 to \$19,999	53	725	31	(NA)	53	725	31	(NA)
\$5,000 to \$9,999	34	232	40	(NA)	34	232	40	(NA)
\$2,500 to \$4,999	46	173	52	(NA)	46	173	52	(NA)
Less than \$2,500 (see text)	111	138	111	(NA)	(X)	(X)	17	(NA)
\$2,000 to \$2,499	22	48	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	24	42	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	30	37	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	35	11	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	511	3	(NA)	(X)	(X)	(X)	(X)
Crops	73	1 028	63	980	50	849	(NA)	894
Grains	8	273	(NA)	(NA)	7	(D)	13	152
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Cotton and cottonseed	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Commodity Credit Corporation loans	—	—	(NA)	(NA)	—	—	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	38	447	(NA)	(NA)	29	419	34	435
Vegetables, sweet corn, and melons	17	(D)	(NA)	(NA)	13	84	10	199
Fruits, nuts, and berries	14	95	(NA)	(NA)	6	91	4	(D)
Nursery and greenhouse products	10	120	6	82	6	114	6	82
Other crops	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Livestock, poultry, and their products	338	18 498	278	6 617	248	18 029	197	6 348
Poultry and poultry products	22	(D)	17	551	9	(D)	8	551
Dairy products	10	(D)	(NA)	(NA)	5	(D)	6	454
Cattle and calves	296	16 317	(NA)	(NA)	231	15 885	190	5 219
Hogs and pigs	17	154	(NA)	(NA)	13	153	16	70
Sheep, lambs, and wool	20	724	(NA)	(NA)	9	718	5	4
Other livestock and livestock products (see text)	81	281	(NA)	(NA)	55	257	29	50

¹1974 data include sales of forest products.

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

Farms	1978								
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land		
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland
All farms -----	379	320	2 511 625	125	368 087	6 665	194	638 322	6 331
Farms with-----									13 743
1 to 9 acres -----	54	38	213	18	72	48	25	116	44
10 to 49 acres -----	67	59	1 663	25	645	254	45	1 100	254
50 to 69 acres -----	15	14	859	10	562	246	12	686	246
70 to 99 acres -----	16	17	1 306	12	975	246	13	1 050	246
100 to 139 acres -----	14	11	1 730	5	610	180	8	974	180
140 to 179 acres -----	22	18	3 402	10	1 518	295	14	2 140	295
180 to 219 acres -----	7	10	1 363	3	603	78	5	998	78
220 to 259 acres -----	8	9	1 923	2	(D)	(D)	5	1 187	(D)
260 to 499 acres -----	32	24	11 300	10	3 509	440	17	5 794	440
500 to 999 acres -----	28	11	19 050	6	3 879	757	12	8 252	757
1,000 to 1,999 acres -----	12	24	15 867	1	(D)	(D)	4	5 387	(D)
2,000 acres or more -----	104	85	2 452 949	23	353 901	3 944	34	610 638	3 614
									6 278

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 -----	379	2 511 625	320	2 344 570	264	2 431 137	223	2 253 538	
Harvested cropland -----	125	6 665	107	6 897	84	5 224	72	5 751	
Tenure of operator:									
Full owners -----	247	350 223	192	348 376	159	341 409	116	343 389	
Harvested cropland -----	84	2 816	(NA)	1 882	54	2 622	(NA)	1 635	
Part owners -----	103	1 737 263	97	1 480 417	84	1 672 704	84	1 437 043	
Harvested cropland -----	33	3 146	(NA)	4 305	24	(D)	(NA)	3 408	
Tenants -----	29	424 139	31	515 777	21	417 024	23	473 106	
Harvested cropland -----	8	703	(NA)	710	6	(D)	(NA)	708	
Type of organization:									
Individual or family -----	290	1 117 499	(NA)	(NA)	186	1 083 255	159	1 095 299	
Partnership -----	41	706 086	(NA)	(NA)	35	704 248	26	498 052	
Corporation -----	42	600 149	(NA)	(NA)	41	(D)	35	645 079	
Other—cooperative, estate or trust, institutional, etc. -----	6	87 891	(NA)	(NA)	2	(D)	3	15 108	
All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more			
1978	'1974	1978	'1974	1978	'1974	1978	'1974	1978	'1974
Operators by principal occupation:				Operators by place of residence:					
Farming -----	174	146	148	112	On farm operated -----				
Other -----	205	133	116	73	Not on farm operated -----				
Operators by age group:				Not reported -----					
Under 25 years -----	6	4	5	3	Operators reporting days of work off farm:				
25 to 34 years -----	24	20	13	11	None -----				
35 to 44 years -----	72	38	53	27	1 to 49 days -----				
45 to 54 years -----	100	81	68	59	50 to 99 days -----				
55 to 64 years -----	93	75	67	47	100 to 149 days -----				
65 years and over -----	84	61	58	38	150 to 199 days -----				
Average age -----	53.3	53.9	53.5	53.7	200 days or more -----				

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased -----	170	5 231	156	1 713	130	5 143	113	1 654
Feed for livestock and poultry -----	323	1 810	270	2 398	241	1 738	195	2 308
Commercially mixed formula feeds -----	92	601	203	1 733	65	584	162	1 688
Animal health costs -----	250	113	(NA)	(NA)	196	100	141	79
Seeds, bulbs, plants, and trees -----	73	59	91	53	36	48	54	43
Commercial fertilizer -----	98	132	83	133	76	107	59	99
Other agricultural chemicals including lime -----	63	32	60	17	39	22	43	14
Hired farm labor -----	199	1 576	137	1 176	172	1 493	121	1 093
Contract labor -----	32	85	16	11	32	85	12	11
Customwork, machine hire, and rental of machinery and equipment -----	37	92	55	85	32	81	43	82
Energy and petroleum products -----	375	957	(NA)	(NA)	263	898	(NA)	(NA)
Petroleum products -----	375	669	303	448	263	623	216	419
Gasoline -----	346	430	(NA)	(NA)	244	404	205	250
Diesel fuel -----	99	99	(NA)	(NA)	88	93	82	72
LP gas, butane, and propane -----	101	77	(NA)	(NA)	90	71	65	59
Fuel oil -----	13	(D)	(NA)	(NA)	13	(D)		
Natural gas -----	16	(D)	(NA)	(NA)	2	(D)	216	37
Kerosene, motor oil, and grease -----	375	45	(NA)	(NA)	263	40	(NA)	(NA)
Electricity -----	180	258	(NA)	(NA)	141	246	(NA)	(NA)
Other—coal, wood, coke, etc. -----	40	30	(NA)	(NA)	35	29	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more		1974	
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer	79	5 565	68	4 113	60	3 724
Cropland fertilized, except pasture	75	4 634	64	(D)	(NA)	2 668
Pasture and rangeland fertilized	21	931	20	(D)	(NA)	1 056
Lime	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—						
Insects on hay and other crops	10	663	4	131	(NA)	589
Nematodes in crops	2	(D)	1	(D)	—	—
Diseases in crops and orchards	7	273	2	(D)	3	71
Weeds, grass, or brush in crops and pasture	22	2 378	17	2 169	(NA)	1 065
Chemicals for—						
Defoliation or for growth control of crops or thinning of fruit	4	20	4	20	1	(D)
Insect control on livestock and poultry	60	(X)	40	(X)	27	(X)
Sanitation and rodent and bird control	21	(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		All farms		Farms with sales of \$2,500 or more	
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment—farms								
\$1,000	375	289	263	205	32	40	30	33
20 345	7 629	5 372	6 699	4 548	23	37	17	32
Average per farm	20 345	18 588	25 471	22 185	23	5	23	5
Farms by value group:					15	—	13	—
\$1 to \$4,999	88	57	56	20	\$70,000 to \$99,999	10	—	9
\$5,000 to \$9,999	112	59	52	43	\$100,000 to \$199,999	2	10	2
\$10,000 to \$19,999	70	81	60	63	\$200,000 or more	—	—	—
ALL MACHINERY AND EQUIPMENT—Con.								
Estimated market value of all machinery and equipment—Con.								
\$20,000 to \$29,999	—	—	—	—	32	40	30	33
\$30,000 to \$49,999	—	—	—	—	23	37	17	32
\$50,000 to \$69,999	—	—	—	—	23	5	23	5
\$70,000 to \$99,999	—	—	—	—	15	—	13	—
\$100,000 to \$199,999	—	—	—	—	10	—	10	—
\$200,000 or more	—	—	—	—	2	—	2	—
1978								
All farms								
Farms		Manufactured 1974 to 1978		Manufactured prior to 1974		Manufactured 1970 to 1974		
Number	Number	Farms	Number	Farms	Number			
SELECTED MACHINERY AND EQUIPMENT								
Automobiles	147	226	78	108	92	118	181	257
Motortrucks including pickups	336	726	196	319	243	407	263	626
Wheel tractors	217	358	63	76	175	282	203	361
Grain and bean combines, self-propelled only	1	(D)	—	—	1	(D)	5	5
Corn heads for combines	1	(D)	—	—	1	(D)	1	—
Other compickers and picker-shellers	—	—	—	—	—	—	4	6
Cottonpickers	—	—	—	—	—	—	(NA)	(NA)
Mower conditioners	31	33	11	11	20	22	32	37
Pickup balers	46	48	13	13	34	35	51	58
Field forage harvesters, shear bar or flywheel type	25	27	21	21	5	6	12	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	
	Any	Working 150 days or more		Working less than 150 days			
		Farms	Workers	Farms	Workers	1978	1974
Farms	199	111	(X)	163	(X)	172	121
Workers	847	(X)	310	(X)	537	771	618
Farms with—							
1 worker	52	56	56	59	59	37	39
2 workers	56	26	52	45	90	45	13
3 or 4 workers	31	6	20	30	102	31	31
5 to 9 workers	43	19	123	14	75	43	25
10 workers or more	17	4	59	15	211	16	13

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	345	(X)	287	(X)	245	(X)	203	(X)
Any cattle, hogs, or sheep	315	(X)	269	(X)	228	(X)	194	(X)
Sales:								
Any livestock or poultry and their products	338	18 498	278	6 617	248	18 029	197	6 348
Any cattle, hogs, or sheep	305	17 195	263	(NA)	234	16 756	193	5 293
CATTLE AND CALVES								
Inventory:								
Cattle and calves	304	64 231	268	73 192	226	61 638	193	70 128
Cows and heifers that had calved	267	35 349	236	40 588	204	34 023	173	39 005
Beef cows	247	34 635	230	40 003	193	33 324	168	38 437
Milk cows	63	714	51	585	51	699	39	568
Heifers and heifer calves	240	13 155	(NA)	(NA)	187	12 504	153	14 512
Steers, steer calves, bulls and bull calves	276	15 727	(NA)	(NA)	211	15 111	180	16 611
Sales:								
Cattle and calves	296	52 315	258	29 362	231	51 158	190	28 412
\$1,000	(X)	16 317	(X)	(NA)	(X)	15 885	(X)	5 219
Calves	197	14 448	(NA)	(NA)	156	14 309	113	10 965
Cattle	256	3 287	(X)	(NA)	(X)	3 257	(X)	1 427
\$1,000	(X)	37 867	(NA)	(NA)	201	36 849	166	17 447
Fattened cattle	37	13 030	(X)	(NA)	(X)	12 627	(X)	3 792
Dairy products	\$1,000	753	(NA)	(NA)	23	727	9	636
	\$1,000	(X)	282	(X)	(X)	273	(X)	235
	\$1,000	10	(D)	(NA)	5	(D)	6	454
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	32	1 436	30	1 048	14	1 374	20	1 018
Used or to be used for breeding	15	417	(NA)	(NA)	8	(D)	11	246
Other hogs and pigs	29	1 019	(NA)	(NA)	13	(D)	19	772
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	15	475	15	354	8	464	12	351
Dec. 1 of preceding year and May 31	14	(D)	13	176	7	(D)	12	(D)
June 1 and Nov. 30	8	(D)	9	178	6	(D)	7	(D)
Sheep and lambs	23	21 296	17	233	11	21 080	7	116
Ewes 1 year old or older	22	12 470	(NA)	(NA)	10	12 345	5	75
Goats	12	93	(NA)	(NA)	4	36	1	(D)
Horses and ponies	214	1 998	157	1 580	156	1 694	111	1 373
Sales:								
Hogs and pigs	17	(D)	19	2 769	13	(D)	16	2 746
\$1,000	(X)	154	(X)	(NA)	(X)	153	(X)	70
Feeder pigs	5	(D)	9	2 517	4	(D)	7	(D)
Sheep and lambs	18	12 564	15	193	(X)	(D)	(X)	48
Sheep and lambs shorn	17	(D)	(NA)	(NA)	7	(D)	5	101
Pounds of wool	(X)	(D)	(X)	(NA)	(X)	(D)	(X)	714
Sheep, lambs, and wool	20	724	(NA)	(NA)	9	718	5	4
Goats	5	54	(NA)	(NA)	1	(D)	—	—
\$1,000	(X)	2	(X)	(NA)	(X)	(D)	(X)	—
Horses and ponies	57	294	39	180	42	262	27	158
\$1,000	(X)	200	(X)	(NA)	(X)	184	(X)	46
POULTRY								
Inventory:								
Any poultry	69	(X)	50	(X)	38	(X)	30	(X)
Chickens 3 months old or older	66	11 962	50	53 269	37	(D)	30	52 860
Hens and pullets of laying age	66	11 905	50	45 112	37	(D)	30	(D)
Pullets 3 months old or older	7	57	(NA)	(NA)	3	21	4	(D)
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	1	(D)
Broilers and other meat-type chickens	13	249	10	295	5	110	2	(D)
Turkeys	6	21	(NA)	(NA)	4	(D)	2	(D)
Turkeys for slaughter	4	13	(NA)	(NA)	3	(D)	2	(D)
Turkey hens kept for breeding	4	8	(NA)	(NA)	2	(D)	—	—
Other poultry	24	(X)	(NA)	(X)	9	(X)	2	(X)
Sales:								
Any poultry	12	(X)	12	(X)	4	(X)	7	(X)
Chickens 3 months old or older	3	(D)	9	28 346	3	(D)	5	28 253
Hens and pullets of laying age	3	(D)	8	28 336	3	(D)	4	28 243
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	126	1	(D)	2	(D)	2	(D)
Turkeys	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Turkeys for slaughter	2	(D)	(NA)	(NA)	—	—	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	6	(X)	(NA)	(X)	1	(X)	—	(X)
Poultry and poultry products	\$1,000	22	(D)	551	9	(D)	8	551

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes	1978	12	1 333	(X)	12	1 333	6	610	(X)	6	610
	1974	12	915	(X)	(NA)	(NA)	9	403	(X)	9	403
For grain or seed (bushels)	1978	8	702	(D)	8	702	3	(D)	(D)	3	28
	1974	6	190	18 697	(NA)	(NA)	3	28	1 340	3	(D)
For silage or green chop (tons, green)	1978	5	631	4 911	(NA)	(NA)	3	(D)	(D)	3	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	6	375	6 200	6	375
For fodder, hopped or grazed	1978	—	—	(X)	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Sorghums for all purposes	1978	3	(D)	(X)	3	(D)	2	(D)	(X)	2	(D)
	1974	1	(D)	(X)	(NA)	(NA)	1	(D)	(D)	1	(D)
For grain or seed (bushels)	1978	3	(D)	(D)	3	(D)	2	(D)	(D)	2	—
	1974	—	—	(NA)	(NA)	(NA)	—	—	—	—	—
For silage or green chop (tons, green)	1978	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	(D)	—	—	(D)
Cut for dry forage or hay (tons, dry)	1978	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Hopped or grazed	1978	—	—	(X)	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Wheat for grain (bushels)	1978	6	449	21 401	6	449	4	(D)	(D)	4	(D)
	1974	9	980	60 686	(NA)	(NA)	7	(D)	(D)	7	771
Oats for grain (bushels)	1978	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Barley for grain (bushels)	1978	6	334	15 269	6	334	5	(D)	(D)	5	(D)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	5	165	8 864	5	165
Rye for grain (bushels)	1978	—	—	—	—	—	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Other small grains for grain	1978	—	—	(X)	—	—	—	(X)	—	—	—
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Soybeans for beans (bushels)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Peanuts for nuts (pounds)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Cotton (bales)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Tobacco (pounds)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight)	1978	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974	2	(D)	(D)	(NA)	(NA)	—	—	—	—	—
Sweetpotatoes (bushels)	1978	—	—	—	—	—	—	—	—	—	—
	1974	—	—	—	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text)	1978	78	4 006	14 481	77	3 656	61	3 615	13 250	60	3 265
	1974	74	4 396	13 668	(NA)	(NA)	58	4 039	12 278	58	3 986
Alfalfa hay (tons, dry)	1978	67	3 123	13 020	67	3 123	54	2 810	11 941	54	2 810
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	49	3 466	11 269	49	3 466
Other tame dry hay (tons, dry) (see text)	1978	8	317	526	7	117	6	(D)	(D)	5	(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	17	115	(X)	17	115	13	108	(X)	13	108
	1974	18	273	(X)	(NA)	(NA)	11	247	(X)	11	247
Sweet corn	1978	5	43	(X)	5	43	4	(D)	(X)	4	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	4	62	(X)	4	62
Tomatoes	1978	3	(D)	(X)	3	(D)	3	(D)	(X)	3	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Green peas excluding cowpeas	1978	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Land in orchards	1978	37	273	(X)	37	273	18	224	(X)	18	224
	1974	28	179	(X)	(NA)	(NA)	12	159	(X)	12	159
Apples (pounds)	1978	21	74	213 195	(NA)	(NA)	13	62	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	30	(NA)	(NA)	(NA)
Peaches (pounds)	1978	18	142	(D)	(NA)	(NA)	11	(D)	(D)	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	125	154 060	(NA)	(NA)
Grapes (pounds) (see text)	1978	6	4	(D)	(NA)	(NA)	2	(D)	—	(NA)	(NA)
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	2	(D)	—	(NA)	(NA)
Berries	1978	1	(D)	(X)	1	(D)	—	—	(X)	—	—
	1974	2	(D)	(X)	(NA)	(NA)	—	—	(X)	—	—
Strawberries (pounds)	1978	1	(D)	(D)	1	(D)	—	—	—	—	—
	1974	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Nursery and greenhouse products	1978	10	59	(X)	6	59	6	57	(X)	4	(D)
	1974	(NA)	(NA)	(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	724	496 770	699	490 868	613	337 125	625	332 484
Average size of farm	(X)	686	(X)	702	(X)	550	(X)	532
Approximate land area	(X)	6 389 120	(X)	6 389 120	(X)	6 389 120	(X)	6 389 120
Proportion in farms—percent	(X)	7.8	(X)	7.7	(X)	5.3	(X)	5.2
Value of land and buildings: ¹								
Average per farm—dollars	924	582	(X)	616 067	1 001	664	579	386
Average per acre—dollars		1 347		(X) 877		(X) 1 838		1 089
Land in farms according to use:								
Total cropland	679	281 074	667	244 692	578	275 571	598	243 727
Harvested cropland	664	264 095	659	223 451	569	259 476	593	222 581
By acres harvested:								
1 to 9 acres	78	431	53	(NA)	33	194	27	(NA)
10 to 19 acres	91	1 102	116	(NA)	61	763	80	(NA)
20 to 29 acres	57	1 233	68	(NA)	43	925	68	(NA)
30 to 49 acres	69	2 577	79	(NA)	68	(D)	76	(NA)
50 to 99 acres	68	4 791	71	(NA)	65	4 572	71	(NA)
100 to 199 acres	56	8 002	67	(NA)	56	8 002	67	(NA)
200 to 499 acres	97	32 770	85	(NA)	96	(D)	84	(NA)
500 to 999 acres	78	55 233	66	(NA)	78	55 233	66	(NA)
1,000 acres or more	70	157 956	54	(NA)	69	(D)	54	(NA)
Cropland used only for pasture	46	(D)	33	4 437	36	(D)	27	4 383
Other cropland	121	(D)	85	16 804	111	(D)	82	16 763
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested or pastured	13	(D)	(NA)	(NA)	12	(D)	11	3 588
Cropland on which all crops failed	18	2 166	(NA)	(NA)	15	1 860	3	626
Cropland in cultivated summer fallow	13	1 410	(NA)	(NA)	11	(D)	8	1 506
Cropland idle	102	9 599	(NA)	(NA)	93	9 317	69	11 043
Total woodland	14	2 465	3	2 448	10	2 381	3	2 448
Woodland pastured	9	(D)	(NA)	(NA)	7	(D)	—	—
Woodland not pastured	8	(D)	(NA)	(NA)	5	(D)	3	2 448
Other land	309	213 231	262	243 728	259	59 173	238	86 309
Pastureland and rangeland, other than cropland and woodland pastured	52	172 953	(NA)	(NA)	40	25 020	48	63 457
Land in house lots, ponds, roads, wasteland, etc.	284	40 278	(NA)	(NA)	240	34 153	226	22 852
Pastureland, all types	93	177 070	(NA)	(NA)	71	28 991	(NA)	67 840
Irrigated land	675	268 066	641	230 723	577	262 895	588	229 689
Harvested cropland irrigated	661	264 079	(NA)	(NA)	569	259 472	583	221 140
Pastureland irrigated	33	1 670	(NA)	(NA)	21	1 639	(NA)	2 262
Other land irrigated	27	2 317	(NA)	(NA)	23	1 784	27	6 287
Land set aside in the federal farm programs in 1978	19	708	(X)	(X)	19	708	(X)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Market value of agricultural products sold: ¹	724	268 542	699	215 777	613	266 711	625	215 585
Average per farm—dollars	(X)	370 915	(X)	308 694	(X)	435 091	(X)	344 936
Markets value of agricultural products sold: ¹								
Farms by value of agricultural products sold: ¹								
\$100,000 or more	245	256 811	223	(NA)	245	256 811	223	(NA)
\$40,000 to \$99,999	88	5 705	107	(NA)	88	5 705	107	(NA)
\$20,000 to \$39,999	78	2 257	88	(NA)	78	2 257	88	(NA)
\$10,000 to \$19,999	94	1 353	75	(NA)	94	1 353	75	(NA)
\$5,000 to \$9,999	55	389	70	(NA)	55	389	70	(NA)
\$2,500 to \$4,999	53	195	41	(NA)	53	195	41	(NA)
Less than \$2,500 (see text)	107	101	92	(NA)	(X)	(X)	21	(NA)
\$2,000 to \$2,499	11	24	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,500 to \$1,999	23	41	(NA)	(NA)	(X)	(X)	(X)	(X)
\$1,000 to \$1,499	19	23	(NA)	(NA)	(X)	(X)	(X)	(X)
Less than \$1,000	54	13	(NA)	(NA)	(X)	(X)	(X)	(X)
Abnormal farms (see text)	4	1 731	3	(NA)	(X)	(X)	(X)	(X)
Crops	626	178 652	624	135 329	561	176 961	(NA)	135 218
Grains	149	11 025	(NA)	(NA)	147	(D)	176	13 847
Commodity Credit Corporation loans	4	38	(NA)	(NA)	4	38	(NA)	(NA)
Cotton and cottonseed	213	55 718	(NA)	(NA)	209	54 718	152	31 850
Commodity Credit Corporation loans	5	228	(NA)	(NA)	5	228	(NA)	(NA)
Tobacco	—	—	(NA)	(NA)	—	—	—	—
Field seeds, hay, forage, and silage	291	26 861	(NA)	(NA)	258	26 339	202	25 119
Vegetables, sweet corn, and melons	40	48 976	(NA)	(NA)	39	(D)	33	30 539
Fruits, nuts, and berries	269	34 464	(NA)	(NA)	240	34 342	322	31 537
Nursery and greenhouse products	17	1 060	7	960	16	(D)	6	(D)
Other crops	14	548	(NA)	(NA)	14	548	12	(D)
Livestock, poultry, and their products	136	89 890	116	80 448	109	89 750	103	80 368
Poultry and poultry products	14	(D)	8	—	7	(D)	7	(D)
Dairy products	2	(D)	(NA)	(NA)	2	(D)	2	(D)
Cattle and calves	80	84 655	(NA)	(NA)	66	84 531	69	78 525
Hogs and pigs	23	2 213	(NA)	(NA)	19	2 211	10	147
Sheep, lambs, and wool	17	2 140	(NA)	(NA)	13	2 139	13	1 023
Other livestock and livestock products (see text)	35	569	(NA)	(NA)	23	556	19	(D)

¹1974 data include sales of forest products.

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

Farms	1978									
	1978	1974	Acres in farms	Farms with harvested cropland			Farms with irrigated land			
				Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	
All farms -----	724	699	496 770	664	330 086	264 095	675	331 166	264 083	268 066
Farms with—										
1 to 9 acres -----	83	62	358	49	268	238	52	275	226	241
10 to 49 acres -----	226	270	5 193	219	5 023	4 508	222	5 062	4 508	4 644
50 to 69 acres -----	37	36	2 130	36	2 076	1 649	36	2 076	1 649	1 664
70 to 99 acres -----	39	36	3 089	36	2 871	2 592	36	2 871	2 592	2 592
100 to 139 acres -----	34	32	3 987	32	3 747	2 836	33	3 867	2 836	2 971
140 to 179 acres -----	30	24	4 740	27	4 286	3 972	29	4 600	3 972	4 046
180 to 219 acres -----	10	11	2 018	10	2 018	1 952	10	2 018	1 952	1 952
220 to 259 acres -----	17	13	3 981	17	3 981	3 365	17	3 981	3 365	3 429
260 to 499 acres -----	63	68	23 393	60	22 508	19 181	62	23 108	19 181	19 948
500 to 999 acres -----	92	67	63 869	89	61 949	52 936	89	61 949	52 936	52 951
1,000 to 1,999 acres -----	49	44	65 782	47	62 719	52 007	47	62 719	52 007	53 011
2,000 acres or more -----	44	36	318 230	42	158 640	118 859	42	158 640	118 859	120 617

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-----	724	496 770	699	490 868	613	337 125	625	332 484
Harvested cropland-----	664	264 095	659	223 451	569	259 476	593	222 581
Tenure of operator:								
Full owners-----	461	248 937	498	233 337	362	(D)	433	(D)
Harvested cropland-----	418	75 222	(NA)	51 361	333	(D)	(NA)	50 607
Part owners-----	146	144 261	102	152 944	144	(D)	100	(D)
Harvested cropland-----	141	106 252	(NA)	97 734	139	(D)	(NA)	97 722
Tenants-----	117	103 572	99	104 587	107	101 604	92	104 471
Harvested cropland-----	105	82 621	(NA)	74 356	97	82 552	(NA)	74 252
Type of organization:								
Individual or family-----	484	120 459	(NA)	(NA)	391	118 865	434	150 807
Partnership-----	120	67 115	(NA)	(NA)	108	66 233	111	58 479
Corporation-----	105	151 527	(NA)	(NA)	104	(D)	74	121 753
Other—cooperative, estate or trust, institutional, etc.-----	15	157 669	(NA)	(NA)	10	(D)	6	1 445
	All farms		Farms with sales of \$2,500 or more		All farms		Farms with sales of \$2,500 or more	
	1978	1974	1978	1974	1978	1974	1978	1974
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Operators by principal occupation:								
Farming-----	409	377	383	349	311	177	263	159
Other-----	315	239	230	196	337	304	285	269
Operators by age group:					76	135	65	117
Under 25 years-----	6	1	3	1				
25 to 34 years-----	65	46	56	38				
35 to 44 years-----	124	99	105	91				
45 to 54 years-----	231	211	183	180				
55 to 64 years-----	221	181	205	168				
65 years and over-----	77	78	61	67				
Average age-----	50.9	51.9	51.0	52.0				
Operators by place of residence:								
On farm operated-----					311	177	263	159
Not on farm operated-----					337	304	285	269
Not reported-----					76	135	65	117
Operators reporting days of work off farm:								
None-----					319	227	291	204
1 to 49 days-----					48	13	42	12
50 to 99 days-----					15	16	14	13
100 to 149 days-----					17	10	15	9
150 to 199 days-----					29	18	26	17
200 days or more-----					268	186	201	151

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased-----	69	40 307	70	38 489	64	40 277	63	38 454
Feed for livestock and poultry-----	146	32 197	109	44 699	109	32 115	90	44 659
Commercially mixed formula feeds-----	66	3 429	86	2 575	38	3 416	74	2 565
Animal health costs-----	97	962	(NA)	(NA)	87	958	65	341
Seeds, bulbs, plants, and trees-----	323	2 692	277	2 360	317	2 652	258	2 357
Commercial fertilizer-----	594	11 681	574	10 489	535	11 492	524	10 465
Other agricultural chemicals including lime-----	581	10 554	442	6 178	515	10 392	418	6 168
Hired farm labor-----	443	35 531	347	25 185	391	35 138	326	25 147
Contract labor-----	289	13 286	192	2 581	256	13 219	179	2 567
Customwork, machine hire, and rental of machinery and equipment-----	432	12 474	371	5 961	381	12 275	347	5 939
Energy and petroleum products-----	715	10 600	(NA)	(NA)	609	10 493	(NA)	(NA)
Petroleum products-----	715	7 824	655	4 521	609	7 726	595	4 499
Gasoline-----	680	2 979	(NA)	(NA)	574	2 932	551	1 852
Diesel fuel-----	357	2 869	(NA)	(NA)	355	(D)	336	1 908
LP gas, butane, and propane-----	191	570	(NA)	(NA)	183	(D)	212	381
Fuel oil-----	36	74	(NA)	(NA)	36	74		
Natural gas-----	29	767	(NA)	(NA)	29	767	595	357
Kerosene, motor oil, and grease-----	715	565	(NA)	(NA)	609	553	(NA)	(NA)
Electricity-----	351	2 775	(NA)	(NA)	325	2 766	(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
580	256 041	521	251 612	526	216 127
577	255 671	519	(D)	(NA)	214 939
7	370	6	(D)	(NA)	1 188
-	-	-	-	-	-
489	211 253	431	206 758	(NA)	152 884
53	6 031	53	6 031	30	2 744
102	27 556	102	27 556	80	20 019
268	111 926	252	109 593	(NA)	95 156
209	71 637	187	69 713	68	31 131
41	(X)	34	(X)	14	(X)
38	(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				All farms		Farms with sales of \$2,500 or more	
1978	1974	1978	1974			1978	1974	1978	1974
ALL MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms-----	\$1,000-----	farms-----	\$1,000-----	farms-----	\$1,000-----	farms-----	\$1,000-----	farms-----	\$1,000-----
Average per farm-----	dollars-----	Average per farm-----	dollars-----	Average per farm-----	dollars-----	Average per farm-----	dollars-----	Average per farm-----	dollars-----
Farms by value group:		Farms by value group:		Farms by value group:		Farms by value group:		Farms by value group:	
\$1 to \$4,999-----		\$1 to \$4,999-----		\$1 to \$4,999-----		\$1 to \$4,999-----		\$1 to \$4,999-----	
\$5,000 to \$9,999-----		\$5,000 to \$9,999-----		\$5,000 to \$9,999-----		\$5,000 to \$9,999-----		\$5,000 to \$9,999-----	
\$10,000 to \$19,999-----		\$10,000 to \$19,999-----		\$10,000 to \$19,999-----		\$10,000 to \$19,999-----		\$10,000 to \$19,999-----	
712	654	606	580	62 515	34 423	61 021	33 683	66	104
87 802	52 635	100 694	58 074					72	120
								26	50
								25	50
								90	110
								107	106
ALL MACHINERY AND EQUIPMENT—Con.									
Estimated market value of all machinery and equipment—Con.									
\$20,000 to \$29,999-----		\$20,000 to \$29,999-----		\$20,000 to \$29,999-----		\$20,000 to \$29,999-----		\$20,000 to \$29,999-----	
\$30,000 to \$49,999-----		\$30,000 to \$49,999-----		\$30,000 to \$49,999-----		\$30,000 to \$49,999-----		\$30,000 to \$49,999-----	
\$50,000 to \$69,999-----		\$50,000 to \$69,999-----		\$50,000 to \$69,999-----		\$50,000 to \$69,999-----		\$50,000 to \$69,999-----	
\$70,000 to \$99,999-----		\$70,000 to \$99,999-----		\$70,000 to \$99,999-----		\$70,000 to \$99,999-----		\$70,000 to \$99,999-----	
\$100,000 to \$199,999-----		\$100,000 to \$199,999-----		\$100,000 to \$199,999-----		\$100,000 to \$199,999-----		\$100,000 to \$199,999-----	
\$200,000 or more-----		\$200,000 or more-----		\$200,000 or more-----		\$200,000 or more-----		\$200,000 or more-----	
1978									
All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				1974	
Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
SELECTED MACHINERY AND EQUIPMENT									
Automobiles-----	388	681	272	396	246	285	503	791	647
Motortrucks including pickups-----	614	2 223	412	1 173	418	1 050	588	1 962	977
Wheel tractors-----	505	1 976	255	731	436	1 245	578	1 963	835
Grain and bean combines, self-propelled only-----	98	143	66	79	51	64	67	106	38
Corn heads for combines-----	1	(D)	~	~	1	(D)	2	(D)	2
Other cornpickers and picker-shellers-----	2	(D)	~	~	2	(D)	4	5	~
Cottonpickers-----	124	289	86	163	69	126	(NA)	(NA)	(NA)
Mower conditioners-----	97	131	61	89	40	42	47	72	19
Pickup boilers-----	119	192	83	126	53	66	196	260	83
Field forage harvesters, shear bar or flywheel type-----	20	25	12	16	8	9	29	36	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		1978	1974
	Any	Farms	Workers	Farms	Workers	
443 16 634	299 (X)	(X)	4 530	371 (X)	12 104	391 16 246
105	62	62		107	107	62
34	58	116		35	70	33
70	55	182		51	171	69
75	61	376		60	396	75
159	63	3 794		118	11 360	152
						147

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	166	(X)	130	(X)	126	(X)	113	(X)
Any cattle, hogs, or sheep	108	(X)	100	(X)	89	(X)	88	(X)
Sales:								
Any livestock or poultry and their products	136	89 890	116	80 448	109	89 750	103	80 368
Any cattle, hogs, or sheep	105	89 008	97	(NA)	88	88 881	85	79 695
CATTLE AND CALVES								
Inventory:								
Cattle and calves	83	147 142	83	120 933	66	146 786	72	120 769
Cows and heifers that had calved	59	3 682	54	4 928	45	3 478	46	4 867
Beef cows	45	3 425	45	4 586	34	3 231	41	4 554
Milk cows	19	257	15	342	15	247	11	313
Heifers and heifer calves	51	4 273	(NA)	(NA)	42	4 204	52	7 318
Steers, steer calves, bulls and bull calves	67	139 187	(NA)	(NA)	57	139 104	66	108 584
Sales:								
Cattle and calves	80	166 159	79	197 500	66	165 869	69	197 255
\$1,000-	(X)	84 655	(X)	(NA)	(X)	84 531	(X)	78 525
Calves	35	1 976	(NA)	(NA)	29	1 922	28	1 448
\$1,000-	(X)	561	(X)	(NA)	(X)	555	(X)	206
Cattle	73	164 183	(NA)	(NA)	61	163 947	61	195 807
\$1,000-	(X)	84 093	(X)	(NA)	(X)	83 976	(X)	78 318
Fattened cattle	22	129 987	(NA)	(NA)	16	129 828	21	181 313
\$1,000-	(X)	70 746	(X)	(NA)	(X)	70 648	(X)	73 478
Dairy products	2	(D)	(NA)	(NA)	2	(D)	2	(D)
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	30	16 844	16	2 042	20	16 791	12	1 945
Used or to be used for breeding	20	952	(NA)	(NA)	16	940	7	354
Other hogs and pigs	28	15 892	(NA)	(NA)	19	15 851	12	1 591
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	21	1 475	9	493	17	1 463	7	(D)
Dec. 1 of preceding year and May 31	18	711	8	219	16	(D)	6	(D)
June 1 and Nov. 30	15	764	9	274	11	(D)	7	(D)
Sheep and lambs	19	34 248	17	31 052	15	34 196	15	(D)
Ewes 1 year old or older	13	13 211	(NA)	(NA)	10	13 180	10	11 686
Goats	5	38	(NA)	(NA)	4	(D)	1	(D)
Horses and ponies	64	377	39	390	50	287	31	368
Sales:								
Hogs and pigs	23	20 262	13	1 786	19	20 193	10	1 735
\$1,000-	(X)	2 213	(X)	(NA)	(X)	2 211	(X)	147
Feeder pigs	7	3 532	2	(D)	6	(D)	1	(D)
\$1,000-	(X)	112	(X)	(NA)	(X)	(D)	(X)	(D)
Sheep and lambs	17	33 286	13	25 033	13	33 260	13	25 033
Sheep and lambs shorn	11	29 417	(NA)	(NA)	8	29 385	11	25 014
Pounds of wool	(X)	166 893	(X)	(NA)	(X)	166 660	(X)	117 952
Sheep, lambs, and wool	17	2 140	(NA)	(NA)	13	2 139	13	1 023
Goats	1	(D)	(X)	(NA)	—	—	1	(D)
Horses and ponies	9	17	11	153	5	12	10	(D)
\$1,000-	(X)	23	(X)	(NA)	(X)	21	(X)	(D)
POULTRY								
Inventory:								
Any poultry	41	(X)	19	(X)	20	(X)	14	(X)
Chickens 3 months old or older	39	1 035	18	897	19	579	13	765
Hens and pullets of laying age	38	940	18	695	18	(D)	13	563
Pullets 3 months old or older	3	95	(NA)	(NA)	2	(D)	3	50
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Broilers and other meat-type chickens	10	32 222	1	(D)	8	(D)	—	—
Turkeys	5	23	(NA)	(NA)	3	(D)	4	17
Turkeys for slaughter	5	(D)	(NA)	(NA)	3	(D)	4	(D)
Turkey hens kept for breeding	2	(D)	(NA)	(NA)	2	(D)	1	(D)
Other poultry	9	(X)	(NA)	(X)	7	(X)	2	(X)
Sales:								
Any poultry	13	(X)	1	(X)	7	(X)	1	(X)
Chickens 3 months old or older	4	56	1	(D)	—	—	1	(D)
Hens and pullets of laying age	4	56	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	3	(D)	—	—	3	(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	2	(X)	(NA)	(X)	1	(X)	—	—
Poultry and poultry products	14	(D)	8	1	7	(D)	7	(D)

Table 10. Crops: 1978 and 1974

	All farms					Farms with sales of \$2,500 or more					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
Corn for all purposes -----	1978--	2	(D)	(X)	2	(D)	1	(D)	(X)	1	(D)
	1974--	1	(D)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
For grain or seed (bushels) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
For silage or green chop (tons, green) -----	1978--	1	(D)	(D)	1	(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--	18	2 602	(X)	18	2 602	18	2 602	(X)	18	2 602
	1974--	30	8 746	(X)	(NA)	(NA)	29	(D)	(X)	29	8 737
For grain or seed (bushels) -----	1978--	18	2 602	190 805	18	2 602	18	2 602	190 805	18	2 602
	1974--	28	8 657	504 051	(NA)	(NA)	28	8 657	504 051	28	(D)
For silage or green chop (tons, green) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Cut for dry forage or hay (tons, dry) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Hogged or grazed -----	1978--	—	—	(X)	—	—	—	—	(X)	—	—
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	1	(D)	(X)	1	(D)
Wheat for grain (bushels) -----	1978--	141	42 311	3 286 667	141	42 311	139	(D)	(D)	139	(D)
	1974--	172	44 530	2 976 450	(NA)	(NA)	168	44 480	2 973 851	168	44 480
Oats for grain (bushels) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Barley for grain (bushels) -----	1978--	17	2 431	181 445	17	2 431	16	(D)	(D)	16	(D)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	8	2 048	142 330	8	2 048
Rye for grain (bushels) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
Other small grains for grain -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	19	1 701	(X)	19	1 701
Soybeans for beans (bushels) -----	1978--	4	(D)	(D)	4	(D)	3	(D)	(D)	3	(D)
	1974--	9	500	10 525	(NA)	(NA)	8	(D)	(D)	8	490
Peanuts for nuts (pounds) -----	1978--	9	722	1 961 969	9	722	9	722	1 961 969	9	722
	1974--	3	423	(D)	(NA)	(NA)	3	423	(D)	3	423
Cotton (bales) -----	1978--	213	94 805	191 578	213	94 805	209	92 958	188 855	209	92 958
	1974--	153	53 721	135 035	(NA)	(NA)	152	(D)	(D)	152	53 702
Tobacco (pounds) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	—	(NA)	(NA)	—	—	—	—	—
Irish potatoes (hundredweight) -----	1978--	1	(D)	(D)	1	(D)	1	(D)	(D)	1	(D)
	1974--	1	(D)	(D)	(NA)	(NA)	1	(D)	(D)	1	(D)
Sweetpotatoes (bushels) -----	1978--	—	—	—	—	—	—	—	—	—	—
	1974--	—	—	—	(NA)	(NA)	—	—	—	—	—
Hay crops (tons, dry) (see text) -----	1978--	291	66 114	460 781	289	66 101	255	64 184	451 670	255	64 182
	1974--	210	60 820	424 906	(NA)	(NA)	198	60 551	423 938	198	60 351
Alfalfa hay (tons, dry) -----	1978--	277	62 403	452 309	277	62 403	245	60 645	443 269	245	60 645
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	186	53 503	400 958	186	53 503
Other tame dry hay (tons, dry) (see text) -----	1978--	31	3 223	7 124	29	3 212	26	3 051	7 053	26	3 051
Field seed crops -----	1978--	44	6 075	(X)	44	6 075	44	6 075	(X)	44	6 075
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	55	9 741	(X)	55	9 741
Alfalfa seed (pounds) -----	1978--	12	1 004	366 453	12	1 004	12	1 004	366 453	12	1 004
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	9	1 062	277 748	9	1 062
Red clover seed (pounds) -----	1978--	—	—	—	(NA)	(NA)	—	—	—	—	—
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	—	—	—
All vegetables harvested for sale (see text) -----	1978--	40	30 901	(X)	40	30 901	39	(D)	(X)	39	(D)
	1974--	35	22 827	(X)	(NA)	(NA)	33	(D)	(X)	33	22 819
Sweet corn -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Tomatoes -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Green peas excluding cowpeas -----	1978--	1	(D)	(X)	1	(D)	1	(D)	(X)	1	(D)
	1974--	(NA)	(NA)	(X)	(NA)	(NA)	—	—	(X)	—	—
Land in orchards -----	1978--	322	36 667	(X)	322	36 667	259	35 917	(X)	259	35 917
	1974--	394	33 887	(X)	(NA)	(NA)	344	33 373	(X)	335	32 155
Apples (pounds) -----	1978--	1	(D)	—	(NA)	(NA)	—	—	(NA)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	(NA)	(NA)	(NA)
Peaches (pounds) -----	1978--	1	(D)	—	(NA)	(NA)	1	(D)	—	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	—	—	(D)	(NA)	(NA)
Grapes (pounds) (see text) -----	1978--	2	(D)	(D)	(NA)	(NA)	2	(D)	(D)	(NA)	(NA)
	1974--	(NA)	(NA)	(NA)	(NA)	(NA)	8	736	(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--	17	1 038	(X)	15	1 035	16	(D)	(X)	15	1 035
Other crops -----	1978--	5	291	(X)	(NA)	(NA)	5	291	(X)	(NA)	(NA)

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TAKING THE CENSUS

Method of Enumeration

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

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

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

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

Mail List

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

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

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

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

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

Direct Enumeration Area Sample

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

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

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

Report Forms

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

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

Initial Mailing

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

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

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

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

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

Followup Procedures

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

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

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

DATA PROCESSING

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

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

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

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

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

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

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

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

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

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

COMPARABILITY OF DATA

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

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

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

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

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

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

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

MAJOR CHANGES IN DATA COLLECTED

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

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

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

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

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

FOLLOW-ON SURVEYS AND THE CENSUS OF HORTICULTURAL SPECIALTIES

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

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

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

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

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

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

DISCLOSURES

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

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

1974 DATA CORRECTIONS

Some 1974 data have been revised since the 1974 volume I publications were released. The major revisions were for:

Madera County, California—number of heavy breed turkeys sold and related data.

Maricopa County, Arizona—acreage of improved pecans and related data.

DEFINITIONS AND EXPLANATIONS

Definitions and explanations of terms in this section provide more detailed descriptions for selected items and terms than are available on the report form or in the tables. Differences in definitions between censuses, data deficiencies, and special processing performed for individual or related data items are also explained. For an exact wording of the questions on the sample and nonsample forms used in 1978 for the conterminous United States, and the information sheet which accompanied these forms, see appendix D.

For all tables, historical data are shown whenever individual items are comparable, otherwise an (NA) is used. Some historical data may differ slightly from totals included in prior census publications due to rounding of fractions and dollar values.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves	farms	842
	number	28,594

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land was included as "land in farms" provided it was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in Indian reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate total land area of counties and States shown for 1978 represents the land area as determined by records and calculations updated as of January 1, 1979. These data are updated periodically; however, the acreage shown for 1978 are essentially the same as in 1974. Any differences between the land area in 1978 and 1974 are due to annexations, disincorporations, and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products were raised or produced. It was usually the county containing all or the largest proportion of the land in the farm. For a limited number of Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms, identified from the 1974 census and prior special surveys as having more than one separately reportable farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would significantly affect the county totals. These reports were assigned to the appropriate counties during office processing.

Value of land and buildings—Farm operators receiving the sample form were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under current market conditions. For 1978, this information is estimated from the replies of a sample of farms; whereas for 1974, all farm operators were asked to provide these data. If the value of land and buildings was not reported, it was estimated during processing by using the average value of land and buildings from a similar farm in the same geographic area.

Other land—This category includes land in house lots, barn lots, ponds, roads, wasteland, etc. The definition of "other land" is the same in 1978 and 1974 only for farms with sales of \$2,500 or more. In 1974, for farms with sales of less than \$2,500, "other land" included pastureland and rangeland other than cropland and woodland pasture in addition to land in house lots, barn lots, ponds, roads, and wasteland.

Land set aside in the Federal Farm Program—The 1978 report form included a new inquiry on the number of acres set aside in 1978 under the provisions of the Federal Farm Program. These data are for acres of cropland taken out of production by growers of wheat, corn, grain sorghums, and barley, and instead planted in cover crops, soil-improvement grasses, etc. No information was obtained as to which grains would have been grown on the acres set aside.

Foreign ownership of agricultural land—An inquiry measuring the impact of foreign ownership of agricultural land was added to the 1978 report forms. All farm operators were asked to report the number of acres owned by individuals who are not

U.S. citizens; or owned by foreign-held corporations, unincorporated associations, or foreign governments.

In some cases, operators using land owned by others may not know the beneficiary owner of the land or, if the owner is known, they may not know the citizenship of the landlord. Therefore, a "don't know" category was included on the report form. Corporations with 50 percent or more of the stock held by foreign investors were considered foreign owned. Any land owned and operated by such corporations was included as land held under foreign ownership.

County summary table 36 provides operators response to the foreign ownership inquiry. Counts are provided for those responding "yes," "no," "don't know," and "no response." No attempt was made to contact nonrespondents.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, marketing, etc. The operator may be the owner, a member of the owner's household, a salaried manager, a tenant, a renter, or a sharecropper. If he/she rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which he/she retains for his/her own operation. For partnerships, only one partner is counted as an operator. If there is no clear-cut partner in charge, then the senior or oldest active partner is considered to be the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operations.

Operator characteristics—Data on characteristics such as residence, race, Spanish origin, age, sex, principal occupation, and off-farm work were collected from all operators in 1978. In the 1974 census, operator characteristics were collected only for all farms with sales of less than \$2,500 and for farms with sales of \$2,500 or more operated by individuals (sole proprietorships) and partnerships. If operator characteristics of race, age, sex, and principal occupation were not reported for 1978, they were derived based on reports with similar acreage size, tenure, and sales size. No adjustments were made for nonresponse to residence, Spanish origin, and off-farm work.

Extensive verification and recontacting were done for positive responses to Spanish origin, especially in Southern States. It was found that a number of these responses were in error, apparently the word American in "Mexican American" was mistaken as American origin.

Write-in entries of "other" race were clerically reviewed and recoded where necessary; entries without an accompanying write-in description were not verified by recontacting the respondent. Based on demographic classifications, "other" race is limited to native non-Spanish populations of Central and South American countries.

In the presentation of data on race of operator, the classification "Black and other races" includes Blacks, American Indians, Asian or Pacific Islanders, and any other separate racial group excluding White. For the 1978 census, operators of

Spanish origin are tabulated by reported race. Prior censuses included Spanish origin as "White" whenever separate data for the White race were shown.

The 1978 Census of Agriculture is the first census to collect data on the sex of the operator. For farm operations where both husband and wife participated, the response was determined by the parties involved.

Selected production expenses—Data on selected production expenses incurred in 1978 were requested from farm operators reporting on the sample form. Only selected production expenses were requested; thus, the expense data cannot be used in combination with gross sales to calculate net farm income. The 1974 census attempted to gather selected expenses plus a category "all other production expenses" to arrive at total expenses. This category was to include items such as depreciation, taxes, interest, rent, and insurance for the farm business. Because of the burden to respondents and inaccuracy in reporting, the "all other production expenses" inquiry was not included on the 1978 report form. The 1979 Farm Finance Survey provides estimates on net farm income.

For 1978, as with earlier censuses, expense data in some cases were not fully reported especially by operations producing crops, livestock, or poultry on a contract basis. Many such operators were unable or unwilling to estimate the value of production inputs furnished by the contractor. Estimates were made for individual expense items based on reported crop and livestock information, or on averages or ratios of expense items reported by similar farms in the same geographic area.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1978, excluding the cost of application. Some fertilizer purchased in 1978 may not have been applied during the year. If the fertilizer was applied by someone other than the operator, the cost of application is included as an expense for customwork, machine hire, and rental of machinery and equipment. Some operators may have included the cost of application with the amount spent on fertilizer.

Other agricultural chemicals, including lime—Expenses include the cost of all insecticides, herbicides, fungicides, other pesticides, lime, etc., excluding costs of application. Data exclude commercial fertilizer purchased.

Customwork, machine hire, and rental of machinery and equipment—This expense represents costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of labor used on rented or hired machinery is included as a hired farm and ranch labor expense.

Energy and petroleum products—More extensive data on energy usage for the farm business were collected in the 1978 census than in prior censuses. Data were collected on expenses, gallons purchased, and storage capacity for gasoline; diesel fuel; LP gas,

butane, and propane; and fuel oil. In addition, data on expenses for natural gas; kerosene, motor oil, and grease; electricity; and all other energy sources were collected. Data for 1974 include only storage capacity and expenses for gasoline; diesel; LP gas, butane, and propane; and a combined total expense for motor oil, grease, piped gas, kerosene, and fuel oil. The 1978 energy data were collected from a sample of farms. Additional data on energy usage and storage capacity are available from the 1979 Farm Energy Survey.

Caution should be used in evaluating storage capacity. Farms not reporting storage capacity were not identifiable from farms with no storage capacity; therefore, the totals underestimate the actual storage capacity available.

Value of agricultural products sold—This item represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1978 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, and others associated with the operation.

The value of agricultural products sold represents the sum of all crops including nursery products sold, and livestock and poultry and their products sold. It does not include income from farm-related sources such as customwork or agricultural services, or income from nonfarm sources. For 1974 and 1969, the value of agricultural products sold included sales of forest products from farms and ranches.

The value of crops sold in 1978 does not necessarily represent the sales from crops harvested in 1978. Data include sales from crops produced in earlier years and exclude some crops produced in 1978, but held in storage and not sold in 1978. For crops sold through a co-op which made payments in several installments, only the total value received in 1978 was to be reported.

The value of agricultural products sold was collected from all operators. Where the operator failed to report a value of sales, estimates were made based on the amount of crops harvested or the number of livestock or poultry sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be applied when comparing sales in 1978 with sales reported in earlier censuses due to the extreme fluctuations in per-unit prices between census years.

Income from machine work, customwork, and other agricultural services—This category consists of gross income received during 1978 by farm operators for providing machine work, customwork, and other agricultural services for others such as plowing, planting, harvesting, etc. Entries were deleted when duplicate information was reported in the 1978 Census of Agricultural Services, or when entries were large enough to consider the agricultural services activity separate from the farm or ranch. The agricultural services part of a farming operation was generally considered a separate operation when income from agricultural services was greater than \$500,000, or when it was \$10,000 or more and greater than the value of agricultural products sold. Data for establishments primarily engaged in agricultural services are published separately in volume 3.

Value of agricultural products sold directly to individuals for human consumption—This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. By definition, it excludes nonedible products such as nursery products, cut flowers, wool, grains, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded where identified.

Fertilizer and lime—Detailed inquiries on acreage fertilized and tonnage of fertilizer applied by crop, which were included on the 1974 census form, were not collected in 1978. Data collected for 1978 are limited to total acres of cropland fertilized excluding cropland used only for pasture, and total acres of pastureland and rangeland fertilized. Data on lime use were requested in both 1978 and 1974. Land fertilized and limed data were collected from a sample of farms in 1978. Total acres of cropland fertilized in 1974 were obtained by adding the acres of individual crops fertilized and, therefore, may include duplication where two or more crops using the same acreage were each fertilized during the year.

Irrigation—The 1978 report forms included inquiries on acres irrigated for specific crops and total acres irrigated for harvested cropland, pastureland or rangeland, and any other land. Data on methods of irrigation and estimated quantity of irrigation water used by farms and ranches collected in the 1974 and 1969 censuses are available from the 1979 Farm and Ranch Irrigation Survey and are included in Volume 5, **Special Reports**. Irrigation data collected on the 1978 report form are summarized in more detail in volume 2, Part 9, **Irrigation on Farms** and in Volume 4, **Irrigation**, which also includes data from off-farm water suppliers covered in the 1978 Census of Irrigation Organizations.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by the State average price. The State average prices for cattle, hogs, sheep, angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the Economics, Statistics, and Cooperatives Service of the U.S. Department of Agriculture. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the 1978 Census of Agriculture. The 1974 and 1969 data were developed in a similar manner.

Poultry hatched—The 1978 data include all poultry hatched during the year that were placed or sold; whereas for 1974, data include only poultry sold. For example, chickens hatched and raised for layer replacement on the same farm are included in 1978 data for poultry hatched, but excluded from 1974 totals. The value of hatchery sales is included in the category "Poultry and Poultry products."

Fish and other aquaculture products—The raising of fish and other aquaculture products in captivity was included as agri-

cultural production by the 1972 Standard Industrial Classification, and data for such operations were included in the agriculture census for the first time in 1974. The value of fish and other aquaculture products sold is included in the category "Other livestock and livestock products." Production in salt water was considered not to be in captivity and was excluded.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located (even though hives are often moved from farm to farm over a wide geographic area for pollination of crops). The completeness and accuracy of these data are affected by the fact that some bee operations may not have been on the mail list and some operators on the mail list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

Citrus enumeration—For the 1978 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the report form. A citrus caretaker is an organization or person caring for or managing citrus groves for others. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and number of acres of citrus. The names on the lists were matched to completed grove owners' reports to eliminate duplication. The caretaker was also requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report again. In the 1978 census, 8 caretakers in Arizona reported 250 grove owners having 12,000 acres of citrus; the 100 caretakers in Florida reported 6,600 grove owners having 240,000 acres of citrus; and 27 caretakers in Texas reported 1,500 grove owners having 30,000 acres of citrus.

More detailed information by State and county are included in volume 2, part 6.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1978 except for citrus fruits, avocados, and olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data relate to the crops harvested from the bloom of 1977 for the 1977-78 marketing season.

Avocados—The data for California relate to the quantity harvested from November 1, 1977 through November 30, 1978; the data for Florida relate to the quantity harvested or to be harvested from April 1978 through March 1979.

Olives—The data relate to the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Vegetables—The data for Florida relate to the crop harvested for the September 1, 1977 through August 31, 1978, harvest season.

Sugarcane—The data for Florida and Texas relate to the reported cuttings from November 1977 through April 1978.

Pineapples and coffee—The data for Hawaii for pineapples relate to quantity harvested for the year ending May 31, 1978, and coffee for the 1977-78 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse products; in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. The exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, or cropland idle.

For crops grown purposely for grazing, quantity harvested was not requested. Acres for these crops were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." This procedure applies to the following crops:

Corn cut for dry fodder, hogged or grazed

Cowpeas hogged or grazed or cut for silage

Sorghums hogged or grazed

Soybeans hogged or grazed or cut for silage

Quantity harvested was not obtained for crops such as vegetables, nursery and greenhouse products, and soybeans plowed under.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland or for the individual crop acreages.

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

Crop units of measure—For some crops, the operator could report quantity harvested in a unit of measure currently in use in the area. These crops were: Corn for grain or seed, in bushels shelled or hundredweight shelled; sorghums for grain or seed, in bushels or pounds; rice in 100-lb. bags, bushels, or 162-lb. barrels. Corn for grain and sorghums for grain are published in bushels and rice in 100-lb. bags. Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops are published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the United States were prelisted (see sections 2 and 3 of the report form). For the other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code (see sections 4, 5, 6, 7, and 8 of the report form). For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Crops not coded by the respondent were coded during processing before keying. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned; reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section of the report, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore were not corrected. Reports with unusual crops for the area were examined to minimize the possibility that they were in error.

Comparability of crop data—For the 1974 and 1969 censuses, data for all crops are available for farms with sales of \$2,500 or more while only data for the major crops—corn, sorghums, soybeans, peanuts, wheat, cotton, tobacco, potatoes, hay, vegetables, land in orchards, and berries are available for all farms. For 1978, data for all crops are available for farms with sales of \$2,500 or more and for all farms.

For a number of commodities, less detailed data were collected in 1978 than in 1974. In these instances, 1974 data have been combined to provide comparable figures wherever possible.

The "acres of vegetables harvested" in 1978 and 1969 was the summation of the acres of individual vegetables harvested,

but in 1974 it was the total land used for vegetable crops. For "land used for vegetable crops," the acres were to be reported only once even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

The "other crops" in the tables are not comparable from census to census as crops are added and deleted from the report form each census.

Value of crop production—This item represents the estimated value of all crops harvested during the 1978 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained in most part from publications of the Economic, Statistics, and Cooperative Service, U.S. Department of Agriculture (USDA). When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondents, report forms, county extension agents, and other persons knowledgeable about specific crops.

"See Text" References

Items in the tables which carry the note "See text" are explained or defined in this section. Also, additional definitions and explanations for some items are provided.

Data for 1978 are based on a sample of farms—Sections 22 through 27 of the census report form 78-A1(S), which include inquiries on commercial fertilizer and lime, chemicals, machinery and equipment, expenses for energy and petroleum products, selected production expenses, and value of land and buildings, were requested of all certainty (large) farms and approximately 20 percent of all other farms. As these data are subject to sampling error, estimates of the sampling reliability of county totals for selected items are shown in table D.

Farms operated by Black and other races—For 1974 and 1978, "other races" includes American Indians, Asian and Pacific Islanders, and all other racial groups other than White. The 1969 data are limited to farms operated by Blacks. Additional information on race of operator is provided under "operator characteristics".

All other races—This category is limited to native non-Spanish populations of Central and South American countries.

1974 data apply only to individual or family operations (sole proprietorships) and partnerships—For 1974, farm operator characteristics were not collected from corporations, cooperatives, prison farms, grazing associations, and Indian reservations. For 1978, characteristics and occupation of the senior partner or person in charge were collected from all farms, regardless of the type of organization.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FARM CLASSIFICATIONS

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

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

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

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

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

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

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

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

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

The classifications used were:

Individual or family operation (sole proprietorship), excluding partnership and corporation.

Partnership operation, including family partnership.

Corporation, including family corporation.

Other, such as cooperative, estate or trust, institutional farm, etc.

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

a. Family held.

Other than family held.

b. More than 10 stockholders.

10 or less stockholders

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

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

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

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

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

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

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

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

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

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

All farms in the 1978 census were classified by SIC. In the 1974 census, farms with sales of less than \$2,500 were not classified by SIC. In 1978, those agricultural producers having no sales reported were retained as farms and classified as general

livestock farms in industry 0291 if livestock or pasture were reported or as general crop farms in industry 0191. Characteristics of all farms by selected SIC groupings are shown in State tables 11 and 35. Additional and more complete 1978 data for various SIC classifications are published in volume 2, part 8.

UNPUBLISHED DATA

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

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

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

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

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

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

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

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 undercounted or over counted farms; and (3) respondents may have been misclassified as farms or nonfarms during processing.

The coverage evaluation for the 1978 census includes a re-enumeration of a subsample of the direct enumeration segments with matching and verification of differences, identification of operators not included on the mail list in places with 2,500 or more population in 1970 using supplemental questions on the Annual Housing Survey, and verification of the farm-nonfarm classification for a sample of respondents.

The changes in data collection procedures implemented for the 1978 census should substantially reduce undercoverage, and the proportion of farms not included in the census is expected to be between 2 and 3 percent for the United States. Results of the coverage evaluation and other evaluative material are included in volume 5.

STATISTICAL ADJUSTMENTS

Report forms were obtained and tabulated for all the identified larger farms (in general, those with expected sales of \$80,000 or more). In the few instances where the operator did not supply the required information, data were obtained from secondary sources. By means of detailed, programmed edit specifications, adjustments or corrections were made during the computer edit operation for internally incomplete or inconsistent data. The review procedures provided for computer printouts of edit changes that exceeded specified limits for the item. These changes were then reviewed for reasonableness by members of the processing staff and necessary corrections made.

Nonresponse

The statistics for each State and county were adjusted to account for nonrespondent smaller operations. The number of

farms for which adjustment was made was estimated on the basis of the results of a canvass of a random sample of mail list addressees who did not respond to the census during the regular followup period. The canvass, using an abbreviated form, was accomplished with the use of the mail and telephone. The sample for each State was designed to provide estimates of the number of nonrespondent farms with a relative standard error of approximately 6 percent. However, approximately one third of the sample could not be contacted resulting in a potential bias in the estimates. The sample estimate of the number of nonrespondent farms at the State level was allocated to strata at the county level using the number of nonrespondents and the proportion of census farms among respondents. A sample of respondent data records was selected by stratum and weighted to represent the nonrespondent farms.

Table A shows for selected items for the State the percent of the published total that the whole farm nonresponse adjustment represents. Adjustment for individual item nonresponse on respondent forms is not included in the percentages. These percentages indicate the potential for bias in published figures resulting from nonresponse, i.e., the extent to which the actual data for nonrespondents may not agree with the nonresponse adjustments. The probable range of difference is unknown. However, the degree of uncertainty regarding the accuracy of the data increases as the percentage of the total represented by the nonrespondent adjustment increases.

Direct Enumeration Sample

Because of undercoverage problems with the mail list for the 1969 and 1974 censuses, a direct enumeration area sample was included to supplement the mail list for the 1978 census. Enumeration district maps and data from the 1970 Census of Population and Housing were used to construct the sampling frame from which the direct enumeration sample was selected. The frame was stratified by State and by a farm density ratio (the ratio of farm households to total households). In this State, the selected sample consisted of 123 segments. The expected number of farms per segment varied by strata from none in residential areas to 12 in intensive farm areas and averaged about 10 farms. Farms enumerated in the direct enumeration sample were matched to the mail list and the data for the unmatched farms were weighted by the reciprocal of the probability of selection for the segment to make State estimates for farm operations not represented on the mail list.

Table A. Percent of State Total Represented by Adjustment for Whole Farm Nonresponse: 1978

Item	Percent of total
Farms.....	3.9
Land in farms.....	.1
Value of agricultural products sold.....	.4
Harvested cropland.....	1.0
Corn for grain or seed acres.....	1.0
Wheat for grain acres.....	.2
Inventory:	
Cattle and calves.....	.4
Hens and pullets of laying age.....	.3
Hogs and pigs.....	1.9

Mail List Sampling

To obtain county data for appropriate items without burdening all farm operators, data for Sections 22 through 27 of the report form 78-A1(S) were collected only from a sample of farms. The sample was selected from the mail list and consisted of all addresses in a certainty stratum and a random sample of addresses from the noncertainty stratum. The certainty stratum consisted of all addresses meeting specified size criteria in terms of indicated acreage and/or value of sales. Certainty size criteria varied by State from 1,000 to 5,000 indicated acres and from \$40,000 to \$200,000 indicated value of sales based on historic or mail list source data. All addresses in counties with less than 100 farms in 1974 were also selected as certainty. Noncertainty addresses in counties with 100 to 199 farms in 1974 were sampled at a rate of 1 in 2, and noncertainty addresses in counties with 200 farms or more in 1974 were sampled at a rate of 1 in 5.

Several elements of the sampling from the mail list and associated data collection may introduce substantial variation and a potential bias into the resulting data. First, the mail list from which the sample was selected contained about 50 percent nonfarm names and addresses which were not identifiable at the time of selection. Both farm and nonfarm names and addresses were selected into the sample. As a result, the farm data actually tabulated came only from part of the sample, specifically the names and addresses which represented farms. Secondly, the stratification was based on size information from several sources and of varying quality. Size information was not available for a substantial proportion of the names and addresses. In addition, sample and nonsample forms may have been returned at a different rate by respondents.

In order to improve the precision and minimize the bias of estimates from the sample, post-stratification was used to produce estimates. Basically, this consisted of classifying all farms into relatively homogenous strata and weighting sample farms within each stratum by the ratio of total farms to sample farms.

Farms meeting certainty size criteria during sample selection and those identified during processing as meeting similar criteria were assigned to a certainty stratum. All other farms were assigned to 64 strata. Farms with sales of less than \$2,500 were classified into eight size-of-farm groups (less than 10 acres, 10 to 49 acres, 50 to 69 acres, 70 to 99 acres, 100 to 199 acres, 200 to 259 acres, 260 to 499 acres, and 500 acres or more); within each of two value-of-sales groups (less than \$1,500 and \$1,500 to \$2,499); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms). Farms with sales of \$2,500 or more were classified into four size-of-farm groups (less than 50 acres, 50 to 99 acres, 100 to 259 acres, and 260 acres or more); within each of the four value-of-sales groups (\$2,500 to \$4,999, \$5,000 to \$9,999, \$10,000 to \$19,999, and \$20,000 or more); within each of two type-of-farm groups (crop or general farms and livestock or poultry farms).

Each stratum was examined and collapsed into another stratum if (1) the stratum contained less than 20 sample farms; or (2) the calculated weight for the stratum was greater than 10 in counties sampled at a rate of 1 in 5 and greater than 4 in counties sampled at a rate of 1 in 2.

The post-stratification provided weights to be assigned to farms in each of the final collapsed strata such that the total of the weights for sample farms in the stratum would be equal to the total number of farms in the stratum.

Estimates were prepared for items in Sections 22 through 27 of the report form by multiplying the data for each item for each farm in the sample by the weight assigned to the farm. The weight for a certainty farm was 1.

Reliability of Census Estimates

Sampling variability in census data may arise from several sources, some affecting all data and others affecting only certain items or geographic levels of tabulation.

The sampling involved in the imputation for nonrespondents affects all data items at all geographic levels of tabulation. However, farms above specified size limits were not eligible for selection to represent nonrespondents. The size limits varied by State from \$60,000 to \$150,000 and from 1,000 to 2,000 acres. As a result of these limits, the sampling variability arises primarily from smaller farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected.

Estimates from the direct enumeration sample are not included in county totals but contribute to sampling variability of State totals for all data items.

The sample selected from the mail list provides estimated data only for Sections 22 through 27 of the report form. It contributes to sampling variability only for the items in these sections. Including the certainty farms and sample farms, data for Sections 22 through 27 were collected on approximately 26 percent of the farms nationwide.

Table B includes estimates of sampling reliability of State totals for a selected set of items. The estimates of sampling reliability for total number of farms, land in farms, harvested cropland, irrigated land, crops harvested, livestock, and value of agricultural products sold include components of variation for nonresponse imputation and for the direct enumeration sample. The component of variation for nonresponse imputation is relatively small and the direct enumeration sample is the major source of variation for these items. Estimates of sampling reliability for fertilizer use, chemical use, value of machinery and equipment, and value of land and buildings contain components of variation for the direct enumeration sample and the mail list sample.

Table C contains estimates of sampling reliability for the estimated number of farms in a county reporting an item in table D. These estimates of sampling reliability contain com-

ponents of variation arising from the mail list sample. The approximate standard error in percent may be read directly from the table based on the number of farms reporting the item. For a number of farms not shown in the table, a linear interpolation will provide a reasonable approximation. These estimates should not be applied to counties indicated to be certainty in table D.

Table D shows estimates of the sampling variability of selected items for each county and for the portion of the State total pertaining to farms not on the mail list. Estimates for county totals contain variation from the mail list sample and estimates for the portion not on the mail list contain variation from the direct enumeration sample. Items for counties indicated to be certainty in the table are subject to some sampling error but this is expected to be small and is not included. Items in county publications with data collected from all farms contain a component of variation from nonrespondent imputation. This component is usually small and is not shown in the sampling variability tables.

The sample estimates and the estimates of standard errors presented in tables B, C, and D permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples.

If all possible samples were selected, each of these surveyed under essentially the same conditions, and an estimate and its estimated standard error were calculated from each sample, then:

- a. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
- b. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples.

For example, suppose the estimated number of farms in a State is 50,000 with a relative standard error of 3.0 percent. Then the standard error is 1,500 (3.0 percent of 50,000) and the chances are 2 out of 3 (67 percent) that complete coverage using the same survey methods would yield between 48,500 and 51,500 farms.

As calculated, the standard error also partially measures the effect of nonsampling errors but does not measure the effect of any systematic biases in the data arising from incorrect reporting by respondents, adjustments for nonresponse, incomplete unduplication, or incomplete coverage of farms.

Table B. Estimates of the Sampling Reliability of State Totals for Selected Items: 1978

Item	All farms		Farms with sales of \$2,500 or more	
	Quantity	Standard error (percent)	Quantity	Standard error (percent)
Farms.....	7,660	4.3	4,982	1.9
Land in farms.....	38,657,700	.3	17,115,674	.3
Harvested cropland.....	3,975	2.0	2,991	1.8
Irrigated land.....	1,113,890	.6	1,074,707	.6
Agricultural products sold.....	4,852	3.1	3,409	2.4
Crops.....	1,210,568	.8	1,153,661	.8
Livestock, poultry, and their products.....	7,660	4.2	4,982	1.9
Value of machinery and equipment.....	\$1,000..	.6	1,284,763	.6
Average value of land and buildings per farm.....	1,317,770	2.2	2,618	2.0
Corn for grain or seed.....	\$1,000..	.7	649,319	.7
Wheat for grain.....	659,552	5.9	3,136	2.9
Soybeans for beans.....	5,082	1.0	635,444	1.0
Cattle and calves inventory.....	\$1,000..	4.3	4,929	2.1
Cattle and calves sold.....	1,265,896	1.4	323,249	1.4
Hogs and pigs inventory.....	\$1,000..	.8	1,058,730	.8
Hogs and pigs sold.....	1,203,595	21.0	121	1.3
Sheep and lambs inventory.....	\$1,000..	201	29,810	1.5
Sheep and lambs sold.....	509,810	1.5	2,709,779	1.6
Hens and pullets of laying age inventory.....	\$1,000..	1.6	432	1.2
Hens and pullets of laying age sold.....	192,146	1.6	101,696	1.6
Commercial fertilizer used.....	\$1,000..	1.5	7,379,141	1.5
Commercial fertilizer purchased.....	1,044,466	24	19	3.2
Agricultural chemicals purchased.....	\$1,000..	3.2	3,860	3.1
Chemicals used on crops for insect control.....	\$1,000..	3.1	92,993	3.4
Chemicals used on crops for disease control.....	447,984	3.4		
Gasoline purchased.....	\$1,000..	387	2,584	3.2
Diesel fuel purchased.....	\$1,000..	1,263,464	1,133,464	1.3
Livestock and poultry purchased.....	\$1,000..	3,806	2,615	3.4
Feed purchased.....	\$1,000..	1,159,312	1,159,312	1.0
Hired farm labor.....	\$1,000..	496,034	496,034	1.1
		1,158	386	12.0
		192,146	155,415	2.0
		827	335	14.0
		197,169	189,800	1.9
		19,302	18,689	1.9
		315	211	4.5
		283,197	214,651	1.7
		1,489	187	5.0
		641,456	161,900	1.6
		184	662	11.0
		447,984	618,278	6.7
		3,174	97	42.0
		1,044,466	438,377	5.0
		3,344	211	4.5
		45,195	214,651	1.7
		3,075	187	5.0
		46,356	161,900	1.6
		1,912	662	11.0
		770,425	618,278	6.7
		394	97	42.0
		91,954	438,377	5.0
		7,224	211	4.5
		23,454	214,651	1.7
		13,941	187	5.0
		2,823	161,900	1.6
		27,450	662	11.0
		12,380	618,278	6.7
		3,288	97	42.0
		260,854	438,377	5.0
		5,025	211	4.5
		218,830	214,651	1.7
		3,552	187	5.0
		129,977	161,900	1.6
		8.7	662	11.0
		.4	618,278	6.7
		6.4	97	42.0
		.5	438,377	5.0
		2.6	211	4.5
		.6	214,651	1.7

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.....	30.0	1,000 farms.....	2.0
50 farms.....	12.0	1,500 farms.....	1.0
100 farms.....	10.0	2,000 farms.....	1.0
250 farms.....	6.0	3,000 farms.....	(NA)
500 farms.....	3.0	4,000 farms.....	(NA)
750 farms.....	2.0	5,000 farms.....	(NA)

Table D. Estimates of the Sampling Reliability of County Totals for Selected Items: 1978

County	Average value of land and buildings per farm		Value of machinery and equipment		Acres fertilized		Chemicals used on crops for--		
							Insect control		Disease control
	Value (dollars)	Standard error (percent)	Value (\$1,000)	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)	Acres (percent)
Apache.....	3,258,597	0.5	5,376	2.4	2,344	17.0	3,542	27.0	(D) (D)
Cochise.....	662,649	2.0	26,381	6.0	75,171	6.3	49,963	7.2	4,974 2.0
Coconino.....	2,684,881	.9	4,186	1.8	96	17.0	146	16.0	~ .0
Gila.....	2,066,776	1.2	1,866	5.8	576	9.4	481	.3	(D) (D)
Graham.....	1,517,312	1.8	17,529	7.9	38,741	9.2	24,845	14.0	(D) (D)
Greenlee.....	283,809	8.3	2,681	8.7	4,183	10.0	2,006	12.0	395 18.0
Maricopa.....	819,911	1.7	127,287	1.4	406,573	.8	304,586	1.1	46,355 .9
Mohave.....	1,163,122	1.3	4,356	2.2	10,180	1.3	3,751	2.8	472 .3
Navajo.....	3,005,121	.4	6,682	6.6	2,952	5.3	(D) (D)	.55	31.0
Pima.....	1,188,807	1.3	15,716	3.9	38,957	3.0	25,052	3.7	585 9.4
Pinale.....	1,437,512	4.9	61,204	3.1	197,560	2.4	142,058	2.3	10,969 .0
Santa Cruz.....	1,207,914	3.1	1,813	6.1	854	53.0	(D) (D)	~ .0	
Yavapai.....	1,082,198	3.8	7,629	7.7	5,565	11.0	663	.6	273 4.2
Yuma.....	924,582	1.6	62,515	3.0	256,041	1.3	211,253	1.4	27,556 1.6
Farms not on mail list.....	96,970	22.0	10,865	24.0	4,673	47.0	1,840	85.0	207 73.0
Farm production expenses									
County	Gasoline		Diesel fuel		Livestock and poultry purchased		Feed		Hired farm labor
	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000)	Standard error (percent)	Expense (\$1,000) (percent)
Apache.....	365	3.9	48	4.3	1,924	0.6	1,116	5.7	1,276 7.6
Cochise.....	820	4.5	630	5.9	5,556	8.5	2,926	2.7	4,675 5.3
Coconino.....	304	1.4	56	1.5	3,171	.5	2,190	.4	1,049 5.1
Gila.....	150	6.0	34	17.0	759	3.9	358	12.0	640 11.0
Graham.....	524	7.5	667	9.7	6,750	1.2	5,891	3.4	3,199 7.2
Greenlee.....	123	4.2	70	7.1	446	5.4	529	1.5	330 4.0
Maricopa.....	4,464	1.5	4,550	1.6	82,381	.6	81,637	.5	54,114 .7
Mohave.....	321	4.3	137	.5	3,131	.7	1,366	2.9	1,284 4.4
Navajo.....	492	2.0	93	4.1	2,206	1.7	4,558	.8	1,329 1.5
Pima.....	565	2.6	482	2.1	4,146	1.8	6,913	3.2	5,003 1.4
Pinale.....	1,911	2.0	2,448	2.1	96,691	2.4	73,984	.1	18,943 1.5
Santa Cruz.....	136	8.5	45	19.0	1,046	7.6	607	17.0	568 8.4
Yavapai.....	430	5.0	99	20.0	5,231	7.7	1,810	3.8	1,576 7.0
Yuma.....	2,979	1.9	2,869	1.9	40,307	.3	32,197	.3	35,531 1.2
Farms not on mail list.....	357	23.0	152	46.0	2,110	31.0	2,750	29.0	459 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
Arizona-----	7 660	5 803	1 317 770	1 080 530	10 637	6 423	1 318 695	1 080 728	2 977	620	925	198
Apache-----	232	217	10 100	9 225	262	232	10 107	9 227	30	15	8	2
Cochise-----	719	721	47 097	32 884	805	780	47 117	32 898	86	59	20	14
Coconino-----	149	125	16 627	7 805	176	154	16 637	7 816	27	29	9	11
Gila-----	132	113	4 089	2 408	164	136	4 098	2 414	32	23	9	6
Graham-----	288	289	32 384	27 857	321	311	32 397	27 862	33	22	13	5
Greenlee-----	124	140	3 761	2 053	144	148	3 767	2 056	20	8	6	3
Marcop-----	2 028	1 842	539 435	418 335	2 436	2 084	539 603	418 427	408	242	168	92
Mohave-----	193	155	11 260	5 100	209	167	11 267	5 102	16	12	7	2
Navajo-----	269	216	16 596	9 061	336	254	16 613	9 069	67	38	17	8
Pima-----	406	328	50 134	40 123	500	391	50 176	40 146	94	63	42	23
Pinal-----	525	525	287 601	296 034	568	546	287 620	296 042	43	21	19	8
Santa Cruz-----	130	113	4 306	6 269	146	130	4 310	6 270	16	17	4	1
Yavapai-----	379	320	19 526	7 598	471	371	19 554	7 614	92	51	27	16
Yuma-----	724	699	268 542	215 777	746	719	268 555	215 784	22	20	12	7
Farms not on mail list-----	1 362	(NA)	6 312	(NA)	3 353	(NA)	6 875	(NA)	1 991	(NA)	563	(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	15,019	+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, 1974			Percent change, adjusted 1974 to 1978
	Farms, 1978 ¹	Published	Net percent missed	
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.....				
Farms with sales of \$2,500 or more.....	575,106	572,672	5.6	610,255 -5.8
Farms with sales of less than \$2,500.....	508,033	497,726	3.2	513,996 -1.2
Iowa.....	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

¹Data are from preliminary reports and may differ slightly from final counts.²Alaska and Hawaii not included.³Data not compiled for individual States.

Table B. Farms by Size of Farm and Tenure of Operator: 1978 and 1974

	Farms, 1974			Percent change, adjusted 1974 to 1978
	Farms, 1978 ¹	Published	Net percent missed	
UNITED STATES²				
Farms.....	2,475,171	2,310,702	10.7	2,622,416 -5.6
Farms by size:				
1 to 9 acres.....	213,110	126,604	26.1	174,773 +21.9
10 to 49 acres.....	474,535	378,631	22.9	494,024 -3.9
50 to 179 acres.....	813,944	827,506	11.0	936,797 -13.1
180 to 499 acres.....	596,268	615,913	3.9	646,957 -7.8
500 acres or more.....	377,314	362,048	1.5	369,865 +2.0
Tenure of operator:				
Full owner.....	1,450,414	1,422,367	13.0	1,650,942 -12.1
Part owner.....	712,844	627,648	5.2	667,402 +6.8
Tenant.....	311,913	260,687	12.6	304,072 +2.6
NORTHEAST				
Farms.....	149,385	127,531	16.5	152,730 -2.2
Farms by size:				
1 to 9 acres.....	13,534	7,689	16.8	9,301 +45.5
10 to 49 acres.....	28,098	19,416	31.2	28,403 -1.1
50 to 179 acres.....	61,017	54,901	17.1	66,655 -8.5
180 to 499 acres.....	38,288	37,864	6.0	40,542 -5.6
500 acres or more.....	8,448	7,661	1.5	7,829 +7.9
Tenure of operator:				
Full owner.....	93,880	83,389	19.5	103,110 -9.0
Part owner.....	43,680	36,112	4.9	37,797 +15.6
Tenant.....	11,825	8,030	32.4	11,823 .0
NORTH CENTRAL				
Farms.....	1,027,319	1,017,367	6.3	1,096,353 -6.3
Farms by size:				
1 to 9 acres.....	58,168	36,065	30.8	52,227 +11.4
10 to 49 acres.....	138,016	108,756	18.5	133,716 +3.2
50 to 179 acres.....	324,583	350,343	6.8	376,663 -13.8
180 to 499 acres.....	321,482	345,610	2.5	355,187 -9.5
500 acres or more.....	185,070	176,593	.9	178,560 +3.6
Tenure of operator:				
Full owner.....	542,504	568,866	7.5	620,166 -12.5
Part owner.....	334,287	313,364	4.0	329,173 +1.6
Tenant.....	150,528	135,137	7.3	147,014 +2.4
SOUTH				
Farms.....	1,016,070	930,099	15.2	1,107,200 -8.2
Farms by size:				
1 to 9 acres.....	95,711	55,659	31.1	81,428 +17.5
10 to 49 acres.....	232,908	194,050	24.2	258,033 -9.7
50 to 179 acres.....	370,928	369,648	4.0	433,227 -14.4
180 to 499 acres.....	197,023	196,395	7.8	214,701 -8.2
500 acres or more.....	119,500	114,347	3.8	119,811 -.3
Tenure of operator:				
Full owner.....	633,455	623,219	17.4	757,206 -16.3
Part owner.....	264,029	214,061	7.5	232,239 +13.7
Tenant.....	118,586	92,819	20.9	117,755 +.7
WEST²				
Farms.....	282,397	235,705	9.5	266,133 +6.1
Farms by size:				
1 to 9 acres.....	45,697	27,191	12.7	31,817 +43.6
10 to 49 acres.....	75,513	56,409	22.0	73,872 +2.2
50 to 179 acres.....	57,416	52,614	10.8	60,252 -4.7
180 to 499 acres.....	39,475	36,044	-.8	36,527 +8.1
500 acres or more.....	64,296	63,447	-1.8	63,665 +1.0
Tenure of operator:				
Full owner.....	180,575	146,893	12.1	170,460 +5.9
Part owner.....	70,848	64,111	4.1	68,193 +3.9
Tenant.....	30,974	24,701	8.3	27,480 +12.7

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

APPENDIX D. Report Forms

DUE BY FEBRUARY 15, 1979

NOTICE Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to the 11-digit Census File Number (CFN).

(Please correct errors in name, address, and ZIP code.)

SECTION 1 ACREAGE IN 1978

If the acres you 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.

1. All land owned
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.
3. All land, rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.
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. 

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? Acres

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

8. How many set aside acres did you have in the Federal Farm Program in 1978? Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

- a. In what county was the largest value of your agricultural products raised or produced?
- | | | | |
|--------------------|-------------|-------|-----------------|
| Principal county → | County name | State | Number of acres |
| | | | 056 |
| Other counties | | | 057 |
| | | | 058 |
| | | | 059 |

Form Approved: O.M.B. No. 41-578025

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1978 CENSUS OF AGRICULTURE

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 re-form, enter extra Census File Number(s) here and return extra copies with your completed report.

CENSUS	035	036	037	038
USE ONLY	039	040	041	042

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
057	068	Bu. OR Cwt.	069
070	071	Tons, green	072
073	074	Bu.	075
076	077	Bu.	078
079	080	Bu.	081
082	083	Bu. OR Lbs.	084
085	086	Tons, green	087
088	089	Bu.	090
091	092	Bales	093
094	095	Lbs.	096 /10
097	098	Cwt.	099 /10
100	101	Bu.	102 /10

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1978? (Include sorghum-sudan grasses and hay cut from pastures.)

- 003 1 YES — Complete this section
2 NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

■ DRY HAY

(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)

1. Alfalfa and alfalfa mixtures for hay or dehydrating
2. Small grain hay — oats, wheat, barley, etc.
3. Other tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.
4. Wild hay

■ GRASS SILAGE, HAYLAGE, AND GREEN CHOP

(If two or more cuttings of grass silage, haylage, or green chop were made from the same acres, report acres only once, but report total tons from all cuttings.)

5. Grass silage and haylage
6. Hay crops cut and fed green (green chop)

Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
103	104 Tons, dry	105
106	107 Tons, dry	108
109	110 Tons, dry	111
112	113 Tons, dry	114
115	116 Tons, green	117
118	119 Tons, green	120

SECTION 9 GROSS VALUE of CROPS SOLD from this place in 1978, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1978. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

1. Grains sold in 1978, including Government CCC loans —	None	Dollars	Cents
		776	
a. Of the total, how much was received in 1978 from Government CCC loans? ...	None	Dollars	Cents
		777	
b. Cotton and cottonseed, including Government CCC loans	None	Dollars	Cents
		778	
c. Tobacco	None	Dollars	Cents
		780	\$
d. Field seeds, grass seeds, hay, forage, and silage	None	Dollars	Cents
		781	\$
e. Vegetables, sweet corn, and melons — DO NOT include Irish potatoes or sweetpotatoes, report them in Item 8 below.	None	Dollars	Cents
		782	\$
f. Fruits, nuts, berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.	None	Dollars	Cents
		783	\$
g. Nursery and greenhouse products	None	Dollars	Cents
		784	\$
h. Other crops — peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, mint for oil, hops, etc. — Specify	None	Dollars	Cents
		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	
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.	
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.	
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	
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.).	
e. Cropland in cultivated summer fallow	
f. Cropland idle	
3. Woodland — Include all woodlots and timber tracts and cutover, and deforested land with young timber growth. {	
a. Woodland pastured	
b. Woodland not pastured	
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture	
5. All other land — Land in house lots, ponds, roads, wasteland, etc. Include any land not reported in Items 2 through 4 above.	
6. TOTAL ACRES — Add the acres reported in Items 2 through 5 (Should be the same as Item 1 above.) →	

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1978?

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

011 YES — Complete this section

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
	799
	800
	801
	802
- 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.
- 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.
- 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.
- d. **TOTAL LAND IRRIGATED** (Total of a, b, and c above.) →

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1978?

- 012 YES — Complete this section
 NO — Go to section 13

• DECEMBER 31, 1978 INVENTORY

1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)	None	INVENTORY Number on this place Dec. 31, 1978
		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
		808	809 Dollars Cents
2. Calves weighing less than 500 pounds			\$
3. Cattle, including calves weighing 500 pounds or more			\$
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?			\$

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978

4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. Report goat dairy products in section 15.	None	Gross value of sales
		814 Dollars Cents

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1978?

- 013 YES — Complete this section
 NO — Go to section 14

• DECEMBER 31, 1978 INVENTORY

1. HOGS and PIGS of all ages (Total of a and b below)	None	INVENTORY Number on this place Dec. 31, 1978
		815 Total
a. HOGS and PIGS used or to be used for BREEDING		816 Breeding
b. OTHER HOGS and PIGS		817 Other

• LITTERS FARROWED

2. LITTERS FARROWED on this place between —	None	Number of litters
a. December 1, 1977 and May 31, 1978		818
b. June 1, 1978 and November 30, 1978		819

• HOGS AND PIGS SOLD

3. HOGS AND PIGS SOLD from this place in 1978	None	Number sold in 1978	Gross value of sales
		820	821 Dollars Cents
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?			\$
		822	823 Dollars Cents

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1978?

- 014 YES — Complete this section
 NO — Go to section 15

• DECEMBER 31, 1978 INVENTORY

1. SHEEP and LAMBS of all ages	None	INVENTORY Number on this place Dec. 31, 1978
		824 825
a. EWES 1 year old or older		826

• SHEEP and LAMBS SHORN

2. SHEEP and LAMBS SHORN	None	Number shorn	Pounds of wool shorn
		827	828

3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?

3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?	None	Gross value of sales
		829 Dollars Cents

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978?					SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978																																						
<p>015 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 16</p> <p>None</p> <table border="1"> <thead> <tr> <th rowspan="2">INVENTORY Number on this place Dec. 31, 1978</th> <th rowspan="2">Total number sold in 1978</th> <th colspan="2">Gross value of sales</th> </tr> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr><td>830</td><td>831</td><td>832</td><td>\$</td></tr> <tr><td>833</td><td>834</td><td>835</td><td>\$</td></tr> <tr><td>836</td><td>837</td><td>836</td><td>\$</td></tr> <tr><td>863</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>\$</td></tr> </tbody> </table> <p>1. Horses and ponies of all ages <input type="checkbox"/></p> <p>2. Mules, burros, and donkeys <input type="checkbox"/></p> <p>3. Mink and their pelts <input type="checkbox"/></p> <p>a. Mink females used for breeding <input type="checkbox"/></p> <p>4. Other livestock or animal specialties in captivity (Enter name and code from "List A" below.)</p> <p>Name _____ Code _____</p> <p>5. Livestock or animal products (Enter name and code from "List B" below.)</p> <p>Name _____ Code _____</p> <p>6. Fish and other aquaculture products (Enter name and code from "List C" below.)</p> <p>Name _____ Code _____</p>					INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Gross value of sales		Dollars	Cents	830	831	832	\$	833	834	835	\$	836	837	836	\$	863						1	2				\$	<p>Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 — planting, plowing, spraying, harvesting, etc... <input type="checkbox"/></p> <table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr><td>919</td><td>\$</td></tr> </tbody> </table> <p>Specify kind of work done _____</p> <p>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.?</p> <p>018 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 19</p> <p>1. What was the gross value of these direct sales? <input type="checkbox"/></p> <p>Specify products sold — vegetables, eggs, etc. _____</p>					Dollars	Cents	919	\$
INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Gross value of sales																																									
		Dollars	Cents																																								
830	831	832	\$																																								
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863																																											
		1	2																																								
			\$																																								
Dollars	Cents																																										
919	\$																																										
					SECTION 19 TYPE OF ORGANIZATION																																						
					<p>Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.</p> <ul style="list-style-type: none"> • FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation <input type="checkbox"/> 921 • PARTNERSHIP operation. Include family partnerships. ... <input type="checkbox"/> 2 <input type="checkbox"/> Total number of partners _____ • INCORPORATED UNDER STATE LAW Answer BOTH a and b <ul style="list-style-type: none"> a. Is this a family held corporation? <input type="checkbox"/> 3 <input type="checkbox"/> Yes <input type="checkbox"/> 4 <input type="checkbox"/> No b. Are there more than 10 stockholders? <input type="checkbox"/> 5 <input type="checkbox"/> Yes <input type="checkbox"/> 6 <input type="checkbox"/> No • OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. <input type="checkbox"/> 7 <input type="checkbox"/> Specify _____ 																																						
					SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.																																						
					<p>1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? <input type="checkbox"/> 1 <input type="checkbox"/> Yes <input type="checkbox"/> 2 <input type="checkbox"/> No</p> <p>2. RACE of operator (senior partner or person in charge). <input type="checkbox"/> 924 <ul style="list-style-type: none"> 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____ </p> <p>3. AGE of operator (senior partner or person in charge) <input type="checkbox"/> Years old</p> <p>4. SEX of operator (senior partner or person in charge) <input type="checkbox"/> 1 Male <input type="checkbox"/> 2 Female</p> <p>5. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? <input type="checkbox"/> 927 1 <input type="checkbox"/> Yes <input type="checkbox"/> 2 <input type="checkbox"/> No</p> <p>6. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his work time in 1978? For partnerships consider all members of the partnership together <input type="checkbox"/> 928 1 <input type="checkbox"/> Farming <input type="checkbox"/> 2 <input type="checkbox"/> Other</p> <p>7. OFF FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1978? (Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work.) <input type="checkbox"/> 929 <ul style="list-style-type: none"> 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1-49 days 3 <input type="checkbox"/> 50-99 days 4 <input type="checkbox"/> 100-149 days 5 <input type="checkbox"/> 150-199 days 6 <input type="checkbox"/> 200 days or more </p>																																						
					SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?																																						
					<p>1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO 3 <input type="checkbox"/> Don't know } Go to section 28</p> <p>None</p> <p>Of the total acres in this place, how many were owned by —</p> <ol style="list-style-type: none"> 1. Individuals who are NOT citizens of the United States? <input type="checkbox"/> 930 2. A foreign held corporation or unincorporated association, or a foreign government? <input type="checkbox"/> 931 																																						
					SECTIONS 22 - 27 Not applicable to this form																																						
					SECTION 28 PERSON COMPLETING THIS REPORT — Please print																																						
					<table border="1"> <tr> <td>Name _____</td> <td>999 Date _____</td> </tr> <tr> <td>Telephone _____</td> <td>Area code _____</td> </tr> <tr> <td colspan="2">When the data have been tabulated, do you want a summary sheet showing major census results for your county? <input type="checkbox"/> 1 YES <input type="checkbox"/> 2 NO</td> </tr> </table>					Name _____	999 Date _____	Telephone _____	Area code _____	When the data have been tabulated, do you want a summary sheet showing major census results for your county? <input type="checkbox"/> 1 YES <input type="checkbox"/> 2 NO																													
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When the data have been tabulated, do you want a summary sheet showing major census results for your county? <input type="checkbox"/> 1 YES <input type="checkbox"/> 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		<input type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 23																																																
		<table border="1"> <tr> <td rowspan="2">None</td> <td>Acres fertilized</td> </tr> <tr> <td>932</td> </tr> <tr> <td colspan="2">933</td> </tr> </table>		None	Acres fertilized	932	933																																											
None	Acres fertilized																																																	
	932																																																	
933																																																		
1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b		<input type="checkbox"/>																																																
2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4		<input type="checkbox"/>																																																
3. Lime - tons of lime used and acres on which applied (Do not include lime plaster or gypsum or lime for sanitation)		None	<table border="1"> <tr> <td>Tons of lime</td> <td>Acres limed</td> </tr> <tr> <td>934</td> <td>935</td> </tr> </table>	Tons of lime	Acres limed	934	935																																											
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SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1978?																																																		
023		<input type="checkbox"/> YES - Complete this section <input type="checkbox"/> NO - Go to section 24																																																
Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.																																																		
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control -		<table border="1"> <tr> <td rowspan="2">None</td> <td>Number of acres on which used</td> </tr> <tr> <td>935</td> </tr> <tr> <td colspan="2">936</td> </tr> <tr> <td colspan="2">937</td> </tr> <tr> <td colspan="2">938</td> </tr> <tr> <td colspan="2">939</td> </tr> <tr> <td colspan="2">940</td> </tr> </table>		None	Number of acres on which used	935	936		937		938		939		940																																			
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937																																																		
938																																																		
939																																																		
940																																																		
a. Insects on hay and other crops		<input type="checkbox"/>																																																
b. Nematodes in crops		<input type="checkbox"/>																																																
c. Diseases in crops and orchards (blights, smuts, rusts, etc.)		<input type="checkbox"/>																																																
d. Weeds, grass, or brush in crops and pasture		<input type="checkbox"/>																																																
2. Chemicals for defoliation or for growth control of crops or thinning of fruit		<input type="checkbox"/>																																																
3. Were any chemicals used for -																																																		
a. Insect control on livestock and poultry, including treatment of buildings?		941	<input type="checkbox"/> Yes <input type="checkbox"/> No																																															
b. Sanitation, rodent and bird control, etc.? (Include time for sanitation)		942	<input type="checkbox"/> Yes <input type="checkbox"/> No																																															
SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1978 (Include only equipment used for agricultural operations in 1977 or 1978.)																																																		
a. Value of ALL machinery and equipment on this place, December 31, 1978																																																		
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment (including milkers and bulk tanks), livestock feeders, grinding and melting equipment, etc.)		<table border="1"> <tr> <td colspan="2">Estimated market value</td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>943</td> <td></td> </tr> <tr> <td>\$</td> <td></td> </tr> </table>		Estimated market value		Dollars	Cents	943		\$																																								
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*SELECTED machinery and equipment on this place, December 31, 1978. (Report only if used in 1977 or 1978.)		<table border="1"> <tr> <td rowspan="2">None</td> <td>Total number on this place on December 31, 1978</td> <td>Of the total, HOW MANY were manufactured in the last 5 years (1974-1978)? (Number)</td> </tr> <tr> <td>944</td> <td>945</td> </tr> <tr> <td colspan="2">946</td> <td>947</td> </tr> <tr> <td colspan="2">948</td> <td>949</td> </tr> <tr> <td colspan="2">950</td> <td>951</td> </tr> <tr> <td colspan="2">952</td> <td>953</td> </tr> <tr> <td colspan="2">954</td> <td>955</td> </tr> <tr> <td colspan="2">956</td> <td>957</td> </tr> <tr> <td colspan="2">958</td> <td>959</td> </tr> <tr> <td colspan="2">960</td> <td>961</td> </tr> <tr> <td colspan="2">962</td> <td>963</td> </tr> </table>		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)	944	945	946		947	948		949	950		951	952		953	954		955	956		957	958		959	960		961	962		963															
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956		957																																																
958		959																																																
960		961																																																
962		963																																																
2. Automobiles		<input type="checkbox"/>																																																
3. Motortrucks (Include pickups)		<input type="checkbox"/>																																																
4. Wheel tractors other than garden tractors and motor tillers		<input type="checkbox"/>																																																
5. Grain and bean combines, self-propelled only		<input type="checkbox"/>																																																
6. Corn heads for combines		<input type="checkbox"/>																																																
7. Other corn pickers and picker-shellers		<input type="checkbox"/>																																																
8. Cotton pickers (Exclude cotton strippers)		<input type="checkbox"/>																																																
9. Mower conditioners		<input type="checkbox"/>																																																
10. Pickup balers		<input type="checkbox"/>																																																
11. Field forage harvesters, shear bar or flywheel type		<input type="checkbox"/>																																																
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.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2">Expenditures</td> <td rowspan="2">Gallons purchased in 1978</td> <td rowspan="2">Storage capacity on this place (in gallons)</td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>966</td> <td></td> <td></td> <td>967</td> <td>968</td> </tr> <tr> <td>\$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>969</td> <td></td> <td></td> <td>970</td> <td>971</td> </tr> <tr> <td>\$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>972</td> <td></td> <td></td> <td>973</td> <td>974</td> </tr> <tr> <td>\$</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>975</td> <td></td> <td></td> <td>976</td> <td>977</td> </tr> <tr> <td>\$</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		None	Expenditures		Gallons purchased in 1978	Storage capacity on this place (in gallons)	Dollars	Cents	966			967	968	\$					969			970	971	\$					972			973	974	\$					975			976	977	\$				
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972			973	974																																														
\$																																																		
975			976	977																																														
\$																																																		
1. Gasoline for farm business		<input type="checkbox"/>																																																
2. Diesel fuel for the farm business		<input type="checkbox"/>																																																
3. LP gas, butane, propane for the farm business (4.5 lbs.= 1 gallon)		<input type="checkbox"/>																																																
4. Fuel oil for the farm business		<input type="checkbox"/>																																																
5. Natural gas for the farm business		<input type="checkbox"/>																																																
6. Kerosene, motor oil, grease, for the farm business		<input type="checkbox"/>																																																
7. Electricity for the farm business		<input type="checkbox"/>																																																
8. Other - coal, wood, coke, etc.		<input type="checkbox"/>																																																
SECTION 26 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1978																																																		
Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1978. DO NOT INCLUDE expenses connected with performing customwork for others, operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.																																																		
1. Livestock and poultry purchased - cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2">Selected expenditures</td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>982</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> <tr> <td>983</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None	Selected expenditures		Dollars	Cents	982			\$			983			\$																																
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	Dollars	Cents																																																
982																																																		
\$																																																		
983																																																		
\$																																																		
2. Total feed purchased for livestock and poultry - grain, hay, silage, mixed feeds, concentrates, etc.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>984</td> <td>985</td> <td></td> </tr> <tr> <td>\$</td> <td>/10</td> <td>\$</td> </tr> </table>		None			Dollars	Cents	984	985		\$	/10	\$																																				
None																																																		
	Dollars	Cents																																																
984	985																																																	
\$	/10	\$																																																
a. Commercially mixed formula feeds purchased - complete, supplement, concentrates. (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea).		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>986</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	986			\$																																						
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986																																																		
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3. Animal health costs for livestock and poultry. Include veterinarian services, serums, vaccines, medicines, etc.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>987</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	987			\$																																						
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4. Seeds, bulbs, plants, and trees purchased		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>988</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	988			\$																																						
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5. Commercial fertilizer purchased - all forms, including rock phosphate and gypsum. Report custom application costs in Item 9 below.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>989</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	989			\$																																						
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6. Agricultural chemicals purchased - insecticides, herbicides, fungicides, other pesticides, lime, etc. Report custom application costs in Item 9 below.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>990</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	990			\$																																						
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7. Hired farm or ranch labor (See Information Sheet).		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>991</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	991			\$																																						
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a. Of the hired workers, including paid family workers, how many -		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>992</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	992			\$																																						
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(1) Worked 150 days or more?		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>993</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	993			\$																																						
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(2) Worked less than 150 days?		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>994</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	994			\$																																						
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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.		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>995</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	995			\$																																						
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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)		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>996</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	996			\$																																						
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SECTION 27 ESTIMATED MARKET VALUE OF LAND and BUILDINGS																																																		
Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.																																																		
1. All land owned		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2">Estimated current market value of land and buildings</td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>996</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None	Estimated current market value of land and buildings		Dollars	Cents	996			\$																																						
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2. All land rented or leased FROM OTHERS		<table border="1"> <tr> <td rowspan="2">None</td> <td colspan="2"></td> </tr> <tr> <td>Dollars</td> <td>Cents</td> </tr> <tr> <td>997</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td></td> <td></td> </tr> </table>		None			Dollars	Cents	997			\$																																						
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FORM 78-A1(1)
(6-17-76)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 live-stock located on permit land in 1978.

Sections 2-8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1978 crop year from the land shown in section 1, item 4, of your report. Please report your crops in the appropriate section. Do not include any crops grown on land rented, leased, or worked on shares by others during 1978.

Acres Harvested — Enter the acres harvested in 1978. Round fractions to whole acres except where tenths are requested, as for Irish potatoes.

Quantity Harvested — The units of measure on the report form are those most commonly used throughout the country. If you use a different unit of measure, please convert your figure for quantity harvested to the unit requested. If harvest is incomplete by December 31, 1978, please estimate the total quantity harvested.

Crop Irrigation — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and preplant irrigation. For any crop not irrigated, leave "Acres irrigated" blank.

How to Report Crops Harvested

a. **Sections 2 and 3** — In these two sections, separate lines are provided for reporting each of several crops widely grown in the United States. Do not write in data for any other crops.

b. **Sections 4-8** — In each of these sections, report any of the crops listed in the same section. To report a crop in any of these sections, (1) find the crop name and the code number in the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information requested in the headings of the remaining columns.

Example: A farmer harvested 20 acres of alfalfa seed, yielding 6,000 pounds, and 30 acres of red clover seed, yielding 8,400 pounds. (He did not irrigate either crop.) He would enter the following in section 8:

SECTION 8. Were any OTHER CROPS harvested from this place in 1978 — rice, peanuts, soy beans, sugar crops, or other crops not previously reported?			
<input checked="" type="checkbox"/> YES — Continue this section			
<input type="checkbox"/> NO — Go to section 9			
From the list below, enter crop name and code. Report quantity harvested —			
Crop Name	Code	Acres Harvested	Quantity Harvested
alfalfa seed	542	20	6,000
red clover seed	677	30	8,400

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

Two or More Crops Harvested From The Same Land (Double-Cropping) — Report the total acres and production of each harvested crop in the appropriate section of the report form.

Example: A farmer harvested 1,230 bushels of wheat from 40 acres in 1978, then planted and harvested 1,560 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	1,560

Sections 2-8 – CROPS – Continued

Interplanted Crops and "Skip Row" Planting — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. Thirty acres of soybeans would be reported in section 2, item 8, and 30 acres of cotton in section 2, item 9.

Vegetables — Report acres of vegetables harvested FOR SALE. Do not report acres of vegetables for home use. Report the total acreage of each vegetable crop harvested.

Example: You harvested 10 acres of lettuce from a field in 1978, then replanted the field to lettuce and harvested the 10 acres again. Enter only 10 acres of land from which vegetables were harvested in item 1 of section 5, but write in 20 acres of lettuce harvested in item 2 of section 5.

Fruit and Nuts — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production (exclude abandoned trees).

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for BOTH the orchard and the interplanted crops harvested.

Example: If 20 acres of cotton were grown in a 30 acre pecan orchard, you would report 20 acres of cotton in section 2, item 9, and 30 acres of pecans in section 4.

Avocados, Olives, Sugarcane

Avocados — For California report the quantity harvested from November 1, 1977 through November 30, 1978. For Florida report the quantity harvested from April 1978 through March 1979, estimating if necessary.

Olives — Report the quantity harvested from the bloom of 1977 for the October 1977 to March 1978 harvest season.

Sugarcane — For Florida and Texas report cuttings from November 1977 through April 1978. For Louisiana and Hawaii report for the 1978 crop year.

Section 9 – GROSS VALUE OF CROPS SOLD

Report the values received during 1978, regardless of the year in which the crops were harvested. Give gross values (before deducting taxes and expenses). If full payment was not received for a crop or crops sold in 1978, report only the amount actually received in 1978.

For value of grains and cotton, include as sold the value of government CCC loans received in 1978 but not loans obtained from any other government or private source.

Section 10 – LAND USE

The purpose of this section is to classify the acres you reported in section 1, item 4, by principal use in 1978. Do not include any acres you rented TO others (reported in section 1, item 3).

Land Used for Multiple Purposes — If part of your land was used for more than one purpose in 1978, report that land on the line for the use first listed, and NOT on the line for the second use. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but NOT as "Cropland used for cover crop, legumes, . . . etc." (item 2c).

Double Cropping — When more than one crop was harvested from the same land in 1978, report that land ONLY ONCE as "Cropland Harvested," item 2a of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland Harvested," in item 2a.

Section 12–16 – LIVESTOCK AND POULTRY

Animals and Poultry to be Included in the Report — Report all animals and poultry on the place on December 31, 1978. Include all owned by you and any kept by you for others. Include animals on unfenced land, on National Forest land, on district land or cooperative grazing association land, or on rangeland administered by the Bureau of Land Management on a per-head or lease basis (such as on wheat pasture). Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place." Include livestock and poultry kept on this place for home use, 4H projects, etc.

Number sold — Report all animals and poultry sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place in 1978.

Sales from Contract and Custom Feeding Operations — Include animals and poultry (including poultry under contract) fed on this place on a contract or custom basis if they were removed from the place in 1978.

Value of Sales — Be sure to report the total gross value of sales of animals and poultry without deducting cost of feed, cost of livestock purchased, cost of hauling and selling, etc. If the sale price or value is not known, give your best estimate of their value when they left this place.

Animals Moved to Another Place — For animals removed from this place to another place, such as for further feeding, report the number as sold and give your best estimate of their market value when they left this place.

Animals to be Excluded from the Report — Do not report any animals or poultry kept under a share arrangement on land rented TO others in 1978.

Animals Sold from Another Place — Animals owned by you, but held and sold from someone else's place should NOT be included. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place.

Animals Bought and Sold — Do not include animals bought and resold within 30 days. Such purchases and sales are considered "dealer" transactions.

Fat Cattle Sales — Do not include with fattened cattle in item 3a of section 12:

- a. Veal calves which were fattened primarily on milk, or
- b. Dairy cows fed only the usual dairy ration before being sold, or
- c. Cattle and calves that were sold for further feeding.

All Other Livestock — Specify the name of any other livestock, animal specialty, or livestock products on or sold from this place that have not been accounted for elsewhere on this form.

Example: Bees sold (colonies, packages, pounds); semen sales, animals bred and sold for laboratory use; birds, frogs, etc.

Section 19 – TYPE OF ORGANIZATION

Use the following definitions to assist you in determining the type of organization for your operation:

Individual or Family Operation (Sole Proprietorship) — Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership, unless the agreement to share contributions, decisionmaking, profits, and liabilities exists. Producing products under contract or under a share rental agreement does not constitute a partnership.

Corporation — Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives.

Other — Such as cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, etc.

Section 20 – OPERATOR CHARACTERISTICS AND OCCUPATION

This section applies to the characteristics and occupation of the individual owner, operator, senior partner, or person in charge for the type of organization reported in section 19 of the form.

For Individual or Family Operation (Sole Proprietorship) — Complete this section for the operator.

For Partnership Operations — Complete items 1 through 5 and 7 (of this section) for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on this place. Consider the oldest partner as the "Senior Partner" if each shares equally in the day-to-day management decisions. For item 6 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including specialties, such as greenhouses, nurseries, mushrooms, ranching, feed lots, broiler feeding, etc.

For Incorporated and Other Operations (Co-operatives, Estates, etc.) — Complete section 20 for the person in charge, such as hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Section 22 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1978. If some acres where fertilized more than once, report acres ONLY ONCE.

Section 24 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept on this place and used for the farm business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

Section 26 – SELECTED PRODUCTION EXPENSES

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Also include expenses incurred even if payment was not made in 1978. Please give estimates if you do not know the exact figures. For example, if you grew broilers or fed cattle for others, include in item 1, as purchases, your best estimate of the value of the baby chicks or cattle at the time they were brought to this place. Also include in item 2, the value and amount of all feed purchased by you or someone else for use on this place.

Do not include expenses related to nonfarm activities (trading and speculation, or livestock dealer activities).

Hired Labor — Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay before deductions, plus the value of benefits paid by you — Social Security taxes, unemployment insurance, etc. Do not include room and board, house rent, or other items paid in kind.

FORM 78-A1(A) <small>(6-23-78)</small>				U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS				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.					
 1978 CENSUS OF AGRICULTURE AREA SAMPLE				CENSUS USE ONLY				Form Approved: O.M.B. No. 41-S78038					
				035	036	037	038						
				039	040	041	042						
				Key identification data									
Part I — IDENTIFICATION								Part II — TYPE OF ORGANIZATION — Continued					
Items 1 through 6 — Copy from A3 Record Book								Type C — INCORPORATED UNDER STATE LAW					
1. State		2. County		3. Segment number		4. A3 Line number		Name _____ Mailing address — Route/Box/Street _____ Post Office _____ State _____ ZIP code _____					
5. Name — First, Middle initial, Last								1. What is the current name and mailing address of this corporation? _____					
6. Mailing address a. Route/Box/Street _____ b. Post Office _____ State _____ ZIP code _____								2. Is this a family-held corporation? _____ <input type="checkbox"/> YES <input type="checkbox"/> NO					
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		3. Are there more than 10 stockholders? _____ <input type="checkbox"/> YES <input type="checkbox"/> NO					
9. Do you have a Federal Employee Identification Number for this farm or ranch operation? <input type="checkbox"/> YES — Enter the EI number, _____ <input type="checkbox"/> NO — _____								4. Does this corporation have other separate and distinct farm and ranch operations? <input type="checkbox"/> YES — Enter location(s) and name(s) below. <input type="checkbox"/> NO — SKIP to Item 8					
Part II — TYPE OF ORGANIZATION								(1) Location (State and county) _____ Name _____ (2) Location (State and county) _____ Name _____					
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.								5. During the past two years, has this farm or ranch used any name or address other than the current corporation name and mailing address? <input type="checkbox"/> YES → Mailing address — Route/Box/Street _____ <input type="checkbox"/> NO → Post Office _____ State _____ ZIP code _____					
Type A — INDIVIDUAL OR FAMILY OPERATION (Sole proprietorship)								6. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES → Go to Item 7 <input type="checkbox"/> NO → SKIP to Item 8					
1. For business purposes, is this farm or ranch operated under any name other than your own? <input type="checkbox"/> YES → Mailing address — Route/Box/Street _____ <input type="checkbox"/> NO → Post Office _____ State _____ ZIP code _____								7. Who is the hired manager? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and SKIP to page 2					
2. During the past two years, have you received mail at any address other than the one I have listed? <input type="checkbox"/> YES → Name _____ <input type="checkbox"/> NO → Mailing address — Route/Box/Street _____								8. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and SKIP to page 2					
3. Does this farm or ranch employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES → Go to Item 4 <input type="checkbox"/> NO → SKIP to page 2								Type D — OTHER ORGANIZATIONS					
4. Who is the hired manager? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and SKIP to page 2								1. What type of organization operates or controls the operations of this farm or ranch unit? 995 1 <input type="checkbox"/> Estate 4 <input type="checkbox"/> State or Local Government 6 <input type="checkbox"/> Other — Specify _____ 2 <input type="checkbox"/> Trust 5 <input type="checkbox"/> Cooperative 7 <input type="checkbox"/> Federal Government _____					
Type B — PARTNERSHIP OPERATIONS (Include family partnerships)								2. What is the name and mailing address of this organization? _____ Name _____ Mailing address — Route/Box/Street _____ Post Office _____ State _____ ZIP code _____					
1. For business purposes, what name and mailing address is used for this partnership? _____								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 _____					
2. How many partners are there? _____ Partners 3. What is the name and mailing address of each partner? <input type="checkbox"/> Person named in part 1, Item 5 — Do not list <input type="checkbox"/> Other — Specify (Use "Remarks" if more space is required.) a. Name _____ Mailing address — Route/Box/Street _____								4. During the past two years, <input type="checkbox"/> YES → has this farm or ranch used any other name or mailing address? <input type="checkbox"/> NO →					
b. Name _____ Mailing address — Route/Box/Street _____								5. Who is the hired manager? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview → Mailing address — Route/Box/Street _____					
6. Which partner is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other partner — Specify and end interview <input type="checkbox"/> None — Go to Item 7								6. Does this organization employ a hired manager who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> YES → Go to Item 6 <input type="checkbox"/> NO → SKIP to Item 7					
7. Who is the eldest partner? <input type="checkbox"/> Person named in part 1, Item 5 — SKIP to page 2 <input type="checkbox"/> Other — Specify and end interview								7. Who is primarily in charge of the farm or ranch operations? <input type="checkbox"/> Person named in part 1, Item 5 — Go to page 2 <input type="checkbox"/> Other — Specify and end interview					

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(Index items not reported for the State will not appear in designated tables)

	County tables				County tables		
	State tables	Summary	County report		State tables	Summary	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	-				

	County tables				County tables			
	State tables	County			State tables	County		
		Summary	report			Summary	report	
C-Con.								
Combines, grain and bean	14, 29-35	—	7	D	Daikon	—	31	
Commercially mixed formula feed purchased.	6, 29-35	12	5	Dairy cows—milk cows	17, 18, 20, 29-35	16	9	
Commodity Credit Corporation loans.	10, 29-35	—	2	Dairy products sold, value	10, 20, 29-35	16	2, 9,	
Contract labor, expense	6, 9, 17, 29-35	12	5	Dates	—	32	—	
Corn, field	25-35	28, 30, 35	10	Dewberries	—	33	—	
Corn heads for combines	14, 29-35	—	7	Diesel fuel purchased	7, 8, 29-35	13	5	
Cornpickers and picker-shellers	14, 29-35	—	7	Diesel fuel storage	8	13	—	
Corn, sweet	25, 28-35	31	10	Dill for oil	—	35	—	
Corn, sweet, for seed	—	35	—	Direct sales income	11, 29-35	38	—	
Corporation, type of organization	4, 5, 29-35	5	4	Disease, chemical control	15, 29-35	—	6	
Family held	4, 5, 29-35	5	—	Donkeys, burros, and mules	23	27	—	
Nonfamily held	4, 5, 29-35	5	—	Ducks	—	26	—	
Cotton	25-35	29	10	Ducks, geese, and other poultry	19	—	—	
Cotton Commodity Credit Corporation loans	10, 29-35	—	2	E				
Cottonpickers	14, 29-35	—	7	Eggplant	—	31	—	
Cotton, value sold	10, 29-35	—	2	Electricity expense	7, 29-35	13	5	
Cowpeas for dry peas	—	29	—	Emmer and spelt	—	28	—	
Cowpeas, green	—	31	—	Endive	—	31	—	
Cowpeas, hogged or grazed or cut for silage	—	35	—	Energy expense	6-8, 17, 29-35	12, 13	5	
Cows and heifers that had calved	18, 20, 29-35	16	9	Equipment and machinery	13, 14, 17, 29-35	15	7	
Crambe	—	35	—	Escarole	—	31	—	
Cranberries	—	33	—	Ewes 1 year old or older	22, 29-35	20	9	
Cropland for cover crops, legumes, and soil-improvement grasses	1, 2, 29-35	2	1	Expenses, farm	6-9, 17, 29-35	12-14	5	
Cropland harvested	1-4, 13, 17, 29-35	2	1, 3, 4	F				
Cropland harvested, irrigated	16, 29-35	3	1	Family and individual, type of organization	4, 5, 29-35	5	4	
Cropland idle	1, 2, 29-35	2	1	Family held corporations	4, 5, 29-35	5	—	
Cropland in cultivated summer fallow	1, 2, 29-35	2	1	Farms by age and principal occupation of operator	31	—	—	
Cropland on which all crops failed	1, 2, 29-35	2	1	Farms by age and principal occupation of operator for farms with sales of less than \$20,000	32	—	—	
Cropland pasture	1, 2, 29-35	2	1	Farms by size of farm	1-3, 33	—	3	
Cropland total	1, 2, 17, 29-35	—	1	Farms by standard industrial classification	13, 35	8	—	
Crops, farms, acres, production	25-35	28-35	10	Farms by tenure of operator	4, 29	4	4	
Cucumbers	—	31	—	Farms by type of organization	4, 5, 30	5	4	
Currants	—	33	—	Farms by value of agricultural sales	10, 34	7, 9-11	2	
Customwork, machine hire, and rental of machinery and equipment, expense	6, 29-35	12	5	Farms, number	1-3, 13	1, 2	1, 4	
Customwork, machine work, and other agricultural services, income	12, 29-35	37	—		17, 29-35			

	County tables			County tables			
	State tables	Summary	County report	State tables	Summary		
F-Con.				G-Con.			
Fattened cattle sold	20, 29-35	16	9	Grain hay	26	30	—
Feed purchased	6, 17, 29-35	12	5	Grains	25-35	28	10
Feeder pigs sold	18, 21, 29-35	17	9	Grains sold, value	10, 29-35	—	2
Female operators	4, 29-35	6, 43	—	Grapefruit	28-35	32	—
Fertilizer applied	15, 29-35	—	6	Grapes	25, 28-35	32	10
Fertilizer expense	6, 15, 17, 29-35	12	5	Grass silage and haylage	26, 28-35	30	—
Fescue seed	—	30	—	Green chop hay	26	30	—
Field seed crops	25, 28-35	30	10	Greenhouse products	25	34	10
Field seeds, hay, forage, and silage sold, value	10, 29-35	—	2	Greenhouse vegetables	—	34	—
Figs	—	32	—	Guar	—	35	—
Filberts	—	32	—	Guavas	—	32	—
Fish sold	24	25	—	H			
Flaxseed	28-35	28	—	Hatcheries	—	26	—
Florist greens and flowers, cut .	—	34	—	Hay crops	25-35	30	10
Flower and vegetable seeds . .	—	34	—	Haylage and grass silage	26, 28-35	30	—
Flowering and foliage plants .	—	34	—	Hazelnuts	—	32	—
Flowers and florist greens, cut .	—	34	—	Health care expense for animals	6, 29-35	12	5
Foliage and flowering plants .	—	34	—	Heifers and heifer calves	20, 29-35	16	9
Forage harvesters	14, 29-35	—	7	Hens and pullets of laying age	18, 19, 29-35	18	9
Foreign ownership	—	36	—	Herbs	—	35	—
Foxtail millet seed	—	30	—	Hired farm labor, expense	6, 9, 17, 29-35	12, 14	5
Fruit crops	25-35	32	10	Hogs and pigs	17, 18, 21, 29-35	17	9
Fruits, nuts, and berries sold, value	10, 29-35	—	2	Hogs and pigs sold, value	10, 18, 21, 29-35	17	2, 9
Fuel expense	6-8, 29-35	12, 13	5	Honey sold	23	24	—
Fuel oil purchased	7, 8, 29-35	13	5	Honeydew melons	—	31	—
Fuel oil storage	8	13	—	Hops	—	35	—
Full owners	4, 29-35	4, 40	4	Horses and ponies	18, 23, 29-35	27	9
G				I			
Garlic	—	31	—	Income from direct sales	11, 29-35	38	—
Gas, natural, expense	7, 29-35	13	5	Income from machine work, customwork, and other agricultural services	12, 29-35	37	—
Gasoline and other petroleum fuel and oil purchased	6-8, 29-35	13	5	Individual and family, type of organization	4, 5, 29-35	5	4
Gasoline purchased	7, 8, 29-35	13	5	Insects, chemical control	15, 29-35	—	6
Gasoline storage	8	13	—	Irish potatoes	25-35	29	10
Geese	—	26	—	Irrigated farmland	1-3, 16, 17, 29-35	3	1, 3
Geese, ducks, and other poultry	19	—	—	K			
Ginger root	—	35	—	Kale	—	31	—
Goats	23, 29-35	—	9	Kenaf	—	35	—
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				

	State tables	County tables		State tables	County tables	
		Summary	County report		Summary	County report
K-Con.						
Kentucky bluegrass seed	—	30	—	Machine work, customwork, and other agricultural service income	12, 29–35	37
Kerosene, motor oil, and grease, expense	7, 29–35	13	5	Machinery and equipment	13, 14, 17, 29–35	15
Kiwifruit	—	32	—	Male operators	4, 29–35	6
Kumquats	—	32	—	Mandarins and tangerines	—	32
L						
Labor	6, 9, 17, 29–35	12, 14	5, 8	Mangoes	—	32
Land and buildings, value	1, 2, 17, 29–35	1	1	Market value of farmland and buildings	1, 2, 17, 29–35	1
Land in farms	1–3, 13, 17, 29–35	1, 2	1, 3, 4	Melons	—	31
Land owned	29–35	—	—	Milk cows	17, 18, 20, 29–35	16
Land rented from others	29–35	—	—	Milk goats	—	21
Land rented to others	29–35	—	—	Millet, proso	—	28
Land use	1–3, 17, 29–35	2	1, 3	Millet seed, foxtail	—	30
Lemons	—	32	—	Mink and their pelts	23	23
Lentils	—	29	—	Mint for oil	—	35
Lespedeza seed	—	30	—	Mohair sold	23	22
Lettuce and Romaine	—	31	—	Motor oil, grease, and kerosene purchased	7, 29–35	13
Lima beans, dry	—	29	—	Motortrucks including pickups	14, 29–35	—
Lima beans, green	—	31	—	Mower conditioners	14, 29–35	7
Lime and other agricultural chemical expense	6, 15, 29–35	12	5	Mules, burros, and donkeys	23	27
Lime applied	15, 29–35	—	6	Mungbeans for beans	—	35
Limes	—	32	—	Murcotts	—	32
Litters farrowed	21, 29–35	17	9	Mushrooms	—	34
Livestock and livestock products sold	13, 17, 18, 20, 29–35	10, 11	—	Mustard cabbage	—	31
Livestock and poultry	18	—	9	Mustard greens	—	31
Livestock and poultry purchased	6, 29–35	12	5	Mustard seed	—	28
Livestock, poultry, and their products sold	10, 18	—	2, 9	N		
Loans, Commodity Credit Corporation	10, 29–35	—	2	Natural gas expense	7, 29–35	13
Loganberries	—	33	—	Nectarines	—	32
Lotus root	—	35	—	Nematode control in crops	15, 29–35	—
LP gas, butane, propane purchased	7, 8, 29–35	13	5	Nonfamily held corporations	4, 5, 29–35	5
LP gas, butane, propane storage	8	13	—	Number of farms	1–3, 13, 17, 29–35	1, 2
M						
Macadamia nuts	—	32	—	Nursery and greenhouse products	—	34
Machine hire, rental of ma- chinery and equipment, and customwork expense	6, 29–35	12	5	Nursery and greenhouse products sold, value	10, 29–35	34
O						
Oats for grain				Oats for grain	25, 26, 28–35	28
Occupation of operator				Occupation of operator	4, 29–35	6, 7
Off-farm work by operator				Off-farm work by operator	4, 29–35	4

	County tables				County tables		
	State tables	Summary	County report		State tables	Summary	County report
O-Con.							
Okra	—	31	—	Ponies and horses	18, 23, 29-35	27	9
Olives.	—	32	—	Popcorn	—	28	—
Onions, dry and green	—	31	—	Potatoes, Irish.	25-35	29	10
Operator characteristics—				Potatoes, sweet	25, 27-35	29	10
residence, age, race, occupa-				Poultry and poultry	10, 13	10, 11	2, 9
tion, off-farm work, sex,				products sold.	17-19, 29-35		
Spanish origin	4, 29-35	6, 7	4	Poultry hatched	—	26	—
Oranges.	28-35	32	—	Principal occupation of			
Orchardgrass seed.	—	30	—	operator	4, 29-35	6, 7	4
Orchards.	25-35	32	10	Production expenses	6-9, 17, 29-35	12-14	5
Organization of farm	4, 5, 29-35	5	4	Proso millet	—	28	—
Other field crops sold, value. . .	10, 29-35	—	2	Prunes	—	32	—
Other livestock and livestock				Pullets	19, 29-35	18	9
products sold, value.	10, 23, 29-35	27	2	Pumpkins	—	31	—
Other poultry	—	26	9	Q			
Owned land	29-35	—	—	Quail	—	26	—
P							
Papayas.	—	32	—	R			
Parsley	—	31	—	Rabbits and their pelts	23	27	—
Part owners	4, 29-35	4, 40	4	Race of operator	4, 5, 29-35	39-41	—
Partnership, type of organiza-				Radishes	—	31	—
tion	4, 5, 29-35	5	4	Rangeland	1, 2, 17, 29-35	2	1
Passion fruit.	—	32	—	Rapeseed	—	35	—
Pastureland and grazing land. . .	1, 2, 17, 29-35	2	1	Raspberries	—	33	—
Pastureland irrigated	16, 29-35	3	1	Red clover seed	25	30	10
Payroll and employment.	6, 9, 17, 29-35	12, 14	5, 8	Redtop seed	—	30	—
Peaches.	25, 28-35	32	10	Residence of operator	4, 29-35	6	4
Peanuts for nuts.	25-35	29	10	Rhubarb	—	31	—
Pears	—	32	—	Rice.	26, 28-35	28	—
Peas, Austrian winter.	—	30	—	Romaine and lettuce	—	31	—
Peas, Chinese or ming.	—	31	—	Rye for grain	25	28	10
Peas, dry field and seed.	—	29	—	Ryegrass seed	—	30	—
Peas, green.	25, 28-35	31	10	S			
Pecans	—	32	—	Safflower.	—	28	—
Peppers.	—	31	—	Sales of agricultural products . .	10, 13, 17, 29-35	9-11	2
Persian melons.	—	31	—	Salt hay	—	35	—
Persimmons	—	32	—	Sanitation chemicals	15, 29-35	—	6
Petroleum expense	6, 7, 17, 29-35	12, 13	5	Seeds, bulbs, plants, and	6, 17,	12	5
Pheasants.	—	26	—	trees purchased.	29-35		
Pickup balers	14, 29-35	—	7	Set aside program, acreage . . .	29-35	—	1
Pigeons or squab	—	26	—	Sex of operator	4, 29-35	6	—
Pimientos	—	31	—	Shallots.	—	31	—
Pineapples	27	35	—				
Pistachios	—	32	—				
Plums.	—	32	—				
Pomegranates	—	32	—				

	County tables			County tables	
	State tables	Summary		County report	State tables
S-Con.					
Sheep and lambs	17, 18, 22, 29-35	20	9	Tropical and baitfish sold . . .	24
Sheep and lambs shorn	22, 29-35	20	9	Trout sold	24
Sheep, lambs, and wool sold, value.	10, 18, 22, 29-35	20	2, 9	Trucks including pickups.	14, 29-35
Size of farm, average	1, 2, 29-35	1	1	Turkeys	19, 29-35
Small grain hay	26	30	—	Turnip greens.	—
Snap beans, bush and pole	—	31	—	Turnips.	—
Sod	—	34	—	Type of farm (SIC)	13, 29-35
Sorghums	25-35	28, 30 35	10	Type of organization	4, 5, 29-35
Soybeans.	25-35	29, 30	10	V	
Spanish origin, operators of	4, 29-35	42	—	Value of agricultural products sold.	10, 13, 17, 29-35
Spelt and emmer	—	28	—	Value of land and buildings . . .	1, 2, 13, 17, 29-35
Spinach.	—	31	—	Value of machinery and equipment.	13, 14, 17, 29-35
Squash	—	31	—	Vegetable and flower seeds. . . .	—
Standard industrial classifica- tion of farms (SIC)	13, 29-35	8	—	Vegetables, greenhouse.	—
Steers, steer calves, bulls, and bull calves	20, 29-35	16	9	Vegetables harvested for sale . .	25-35
Storage, selected petroleum	8	13	—	Vegetables, sweet corn, or melons sold, value.	10, 29-35
Strawberries.	25, 26	33	10	Velvetbeans for beans	—
Sudangrass seed	—	30	—	Vetch seed.	—
Sugar beets.	26, 28-35	29	—	W	
Sugarcane	26, 27, 29-35	29	—	Wages paid to farm workers . . .	6, 9, 17, 29-35
Sunflower seed	28-35	28	—	Walnuts, English or Persian . . .	28-35
Sweet corn	25, 28-35	31	10	Watercress	—
Sweet corn for seed.	—	35	—	Watermelons.	—
Sweetpotatoes.	25, 27-35	29	10	Weeds, chemical control.	15, 29-35
T					
Tangelos	—	32	—	Wheat for grain	25-35
Tangerines and mandarins	—	32	—	Wheatgrass seed	—
Taro	—	35	—	Wheel tractors.	14, 29-35
Tenant operated farms	4, 29-35	4, 40	4	Wild hay	26, 28-35
Tenure	4, 29-35	4, 40	4	Wild rice	—
Timothy seed	—	30	—	Woodland	1, 2, 29-35
Tobacco	25-35	29	10	Wool, pounds shorn.	22, 29-35
Tobacco sold, value.	10, 29-35	—	2	Work off-farm by operator.	4, 29-35
Tomatoes	25, 28-35	31	10	Workers on farms.	9, 29-35
Tractors, wheel	14, 29-35	—	7	Worms.	23
Triticale	—	28	—	Wormseed oil	—

