

Table 29. Summary by Tenure of Operator: 1978

[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
FARMS AND LAND IN FARMS								
Farms	2 846	2 091	503	252	2 037	1 403	442	192
number	2 846	2 091	503	252	2 037	1 403	442	192
percent	100.0	73.4	17.6	8.8	71.5	49.2	15.5	6.7
Land in farms	9 192 389	2 618 211	5 914 474	659 704	9 009 037	2 566 989	5 793 588	648 460
acres	9 192 389	2 618 211	5 914 474	659 704	9 009 037	2 566 989	5 793 588	648 460
Average size of farm	3 230	1 252	11 758	2 618	4 423	1 830	13 108	3 377
acres	3 230	1 252	11 758	2 618	4 423	1 830	13 108	3 377
Value of land and buildings ¹	2 846	2 063	518	265	2 029	1 358	450	221
farms	2 846	2 063	518	265	2 029	1 358	450	221
\$1,000	1 736 398	772 012	861 226	103 160	1 613 564	685 600	829 712	98 252
dollars	1 736 398	772 012	861 226	103 160	1 613 564	685 600	829 712	98 252
Average per form	610 118	374 218	1 662 597	389 284	795 250	504 860	1 843 804	444 578
dollars	610 118	374 218	1 662 597	389 284	795 250	504 860	1 843 804	444 578
Average per acre	188	297	145	150	179	269	143	144
dollars	188	297	145	150	179	269	143	144
Farms by value of land and buildings:								
\$1 to \$19,999	109	79	5	25	51	30	4	17
\$20,000 to \$39,999	210	162	3	45	116	81	-	35
\$40,000 to \$69,999	274	215	12	47	147	99	6	42
\$70,000 to \$99,999	262	210	32	20	133	95	24	14
\$100,000 to \$149,999	381	325	29	27	189	152	13	24
\$150,000 to \$199,999	251	188	47	16	174	130	37	7
\$200,000 to \$499,999	729	539	146	44	620	443	134	43
\$500,000 to \$999,999	305	183	110	12	283	171	101	11
\$1,000,000 or more	325	162	134	29	316	157	131	28
Owned and rented land by operator:								
Land owned	2 598	2 091	503	4	1 849	1 403	442	4
farms	2 598	2 091	503	4	1 849	1 403	442	4
acres	4 447 795	2 846 255	1 600 005	1 535	4 389 548	2 793 425	1 594 588	1 535
Land rented or leased from others	760	5	503	252	638	4	442	192
farms	760	5	503	252	638	4	442	192
acres	4 994 986	483	4 328 380	666 123	4 863 707	443	4 212 905	650 359
Land rented or leased to others	139	107	21	11	118	90	19	9
farms	139	107	21	11	118	90	19	9
acres	250 392	228 527	13 911	7 954	244 218	226 879	13 905	3 434
LAND IN FARMS ACCORDING TO USE								
Total cropland	2 445	1 770	477	198	1 795	1 215	423	157
farms	2 445	1 770	477	198	1 795	1 215	423	157
acres	836 312	514 941	261 853	59 518	797 480	483 681	257 798	56 001
Harvested cropland	2 057	1 474	434	149	1 631	1 109	395	127
farms	2 057	1 474	434	149	1 631	1 109	395	127
acres	586 266	355 593	194 275	36 398	578 342	349 652	192 971	35 719
Farms by acres harvested:								
1 to 49 acres	795	638	95	62	398	296	60	42
50 to 99 acres	282	203	56	23	265	188	54	23
100 to 199 acres	356	253	80	23	347	246	79	22
200 to 499 acres	351	217	110	24	348	216	109	23
500 to 999 acres	153	96	50	7	153	96	50	7
1,000 to 1,999 acres	74	41	28	5	74	41	28	5
2,000 acres or more	46	26	15	5	46	26	15	5
Cropland:								
Pasture or grazing only	1 108	767	251	90	815	539	213	63
farms	1 108	767	251	90	815	539	213	63
acres	1 78 305	110 109	52 665	15 531	160 715	95 735	50 898	14 082
Cover crops, legumes, and soil-improvement grasses not harvested or pastured	85	61	15	9	65	43	14	8
farms	85	61	15	9	65	43	14	8
acres	9 467	7 986	722	759	5 472	4 034	709	729
On which all crops failed	116	76	25	15	78	49	23	6
farms	116	76	25	15	78	49	23	6
acres	7 567	3 453	2 095	2 019	5 879	3 042	2 047	790
In cultivated summer fallow	99	66	24	9	67	36	22	9
farms	99	66	24	9	67	36	22	9
acres	9 011	5 522	2 034	1 455	7 473	4 034	1 984	1 455
Idle	496	368	87	41	335	225	71	39
farms	496	368	87	41	335	225	71	39
acres	45 696	32 278	10 062	3 356	39 599	27 184	9 189	3 226
Total woodland								
farms	86	55	22	9	58	39	18	1
acres	32 529	11 021	21 243	265	31 936	(D)	21 212	(D)
Woodland pastured	34	24	7	3	29	21	7	1
farms	34	24	7	3	29	21	7	1
acres	19 757	5 452	14 280	25	19 691	(D)	14 280	(D)
Woodland not pastured	57	33	18	6	33	19	14	-
farms	57	33	18	6	33	19	14	-
acres	12 772	5 569	6 963	240	12 245	5 313	6 932	-
Pastureland and rangeland other than cropland and woodland pastured								
farms	940	610	260	70	811	525	236	50
acres	8 131 646	2 017 823	5 516 445	597 378	7 993 653	(D)	5 399 989	(D)
Land in house lots, ponds, roads, wasteland, etc.	1 896	1 429	341	126	1 376	977	306	93
farms	1 896	1 429	341	126	1 376	977	306	93
acres	191 902	74 426	114 933	2 543	185 968	69 683	114 589	1 696
Pastureland, all types								
farms	1 772	1 218	406	148	1 382	923	356	103
acres	8 329 708	2 133 384	5 583 390	612 934	8 174 059	2 104 047	5 465 167	604 845
Irrigated land	2 349	1 689	471	189	1 797	1 223	422	152
farms	2 349	1 689	471	189	1 797	1 223	422	152
acres	882 062	522 091	289 772	70 199	865 271	511 484	287 521	66 266
Harvested cropland irrigated	2 057	1 474	434	149	1 631	1 109	395	127
farms	2 057	1 474	434	149	1 631	1 109	395	127
acres	586 266	355 593	194 275	36 398	578 342	349 652	192 971	35 719
Pastureland irrigated	1 018	703	239	76	796	530	213	53
farms	1 018	703	239	76	796	530	213	53
acres	283 583	160 475	92 152	30 956	276 587	156 542	91 230	28 815
Other land irrigated	146	96	35	15	113	69	33	11
farms	146	96	35	15	113	69	33	11
acres	12 213	6 023	3 345	2 845	10 342	5 290	3 320	1 732
Land set aside in the federal farm programs in 1978	105	56	39	10	103	54	39	10
farms	105	56	39	10	103	54	39	10
acres	6 310	3 512	1 846	952	6 189	3 391	1 846	952
RACE AND TENURE OF OPERATOR								
All operators	2 846	2 091	503	252	2 037	1 403	442	192
number	2 846	2 091	503	252	2 037	1 403	442	192
Full owners	2 091	2 091	-	-	1 403	1 403	-	-
number	2 091	2 091	-	-	1 403	1 403	-	-
Part owners	503	-	503	-	442	-	442	-
number	503	-	503	-	442	-	442	-
Tenants	252	-	-	252	192	-	-	192
number	252	-	-	252	192	-	-	192
White	2 705	1 984	484	237	1 953	1 346	425	182
number	2 705	1 984	484	237	1 953	1 346	425	182
number	1 984	1 984	-	-	1 346	1 346	-	-
Full owners	1 984	1 984	-	-	1 346	1 346	-	-
number	1 984	1 984	-	-	1 346	1 346	-	-
Part owners	484	-	484	-	425	-	425	-
number	484	-	484	-	425	-	425	-
Tenants	237	-	-	237	182	-	-	182
number	237	-	-	237	182	-	-	182
Black and other races	141	107	19	15	84	57	17	10
number	141	107	19	15	84	57	17	10
number	107	107	-	-	57	57	-	-
Full owners	107	107	-	-	57	57	-	-
number	107	107	-	-	57	57	-	-
Part owners	19	-	19	-	17	-	17	-
number	19	-	19	-	17	-	17	-
Tenants	15	-	-	15	10	-	-	10
number	15	-	-	15	10	-	-	10

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS BY TYPE OF ORGANIZATION								
Individual or family ----- farms.....	2 237	1 664	370	203	1 482	1 022	315	145
----- acres.....	4 185 747	1 000 384	2 611 574	573 789	4 011 776	956 723	2 492 456	562 597
Partnership ----- farms.....	376	261	81	34	330	222	75	33
----- acres.....	1 843 268	(D)	1 201 216	(D)	1 837 627	(D)	1 199 448	(D)
Corporations:								
Family held ----- farms.....	188	134	44	10	182	129	44	9
----- acres.....	2 354 133	701 809	1 642 629	9 695	2 350 413	698 091	1 642 629	9 693
More than 10 stockholders ----- farms.....	6	3	3	—	6	3	3	—
10 or less stockholders ----- farms.....	182	131	41	10	176	126	41	9
Other than family held ----- farms.....	27	18	5	4	27	18	5	4
----- acres.....	682 762	259 990	362 272	60 500	682 762	259 990	362 272	60 500
More than 10 stockholders ----- farms.....	6	5	—	1	6	5	—	1
10 or less stockholders ----- farms.....	21	13	5	3	21	13	5	3
Other—cooperative, estate or trust, etc. ----- farms.....	18	14	3	1	16	12	3	1
----- acres.....	126 479	(D)	96 783	(D)	126 459	(D)	96 783	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated -----	2 221	1 654	406	161	1 576	1 097	359	120
Not on farm operated -----	450	309	69	72	321	207	58	56
Operators by age group:								
Under 25 years -----	30	19	2	9	24	15	2	7
25 to 34 years -----	299	192	49	58	212	129	40	43
35 to 44 years -----	610	475	96	39	369	251	85	33
45 to 54 years -----	815	581	153	81	604	404	137	63
55 to 64 years -----	702	523	129	50	541	391	114	36
65 years and over -----	390	301	74	15	287	213	64	10
Average age -----	50.6	51.1	51.0	45.8	51.1	51.9	51.0	45.7
Operators by sex:								
Male -----	2 640	1 930	481	229	1 926	1 322	422	182
Female -----	206	161	22	23	111	81	20	10
Operators of Spanish origin -----	83	51	18	14	55	34	14	7
Operators by principal occupation:								
Farming -----	1 478	983	351	144	1 307	854	337	116
Other -----	1 368	1 108	152	108	730	549	105	76
Operators reporting days of work off farm:								
None -----	1 116	792	233	91	942	648	222	72
1 to 99 days -----	298	194	67	37	246	155	61	30
100 to 199 days -----	267	201	50	16	208	148	45	15
200 days or more -----	1 087	853	133	101	574	409	94	71
FARMS BY SIZE								
1 to 9 acres -----	453	411	10	32	183	150	8	25
10 to 49 acres -----	547	438	47	62	252	186	23	43
50 to 69 acres -----	89	57	14	18	58	43	10	5
70 to 99 acres -----	183	136	26	21	143	111	17	15
100 to 139 acres -----	128	85	32	11	103	66	27	10
140 to 179 acres -----	191	153	20	18	140	106	18	16
180 to 219 acres -----	97	68	20	9	80	56	19	5
220 to 259 acres -----	101	79	18	4	68	51	15	2
260 to 499 acres -----	305	210	72	23	279	190	68	21
500 to 999 acres -----	238	151	68	19	231	148	65	18
1,000 to 1,999 acres -----	178	113	49	16	169	109	46	14
2,000 acres or more -----	336	190	127	19	331	187	126	18
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011) -----	36	26	7	3	28	19	6	3
Field crop, except cash grain farms (013) -----	738	551	108	79	602	434	98	70
Cotton farms (0131) -----	6	4	1	1	6	4	1	1
Tobacco farms (0132) -----	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139) -----	732	547	107	78	596	430	97	69
Vegetable and melon farms (016) -----	15	4	8	3	14	3	8	3
Fruit and tree nut farms (017) -----	5	4	1	—	1	—	1	—
Horticultural specialty farms (018) -----	39	36	2	1	20	17	2	1
General farms, primarily crop (019) -----	62	43	14	5	21	8	12	1
Livestock farms, except dairy, poultry, and animal specialty (021) -----	1 473	1 048	306	119	1 109	748	270	91
Beef cattle farms, except feedlots (0212) -----	1 187	841	256	90	953	649	230	74
Dairy farms (024) -----	67	33	23	11	67	33	23	11
Poultry and egg farms (025) -----	21	18	3	—	5	5	—	—
Animal specialty farms (027) -----	317	260	27	30	161	130	19	12
General farms, primarily livestock (029) -----	73	68	4	1	9	6	3	—
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold ----- farms.....	2 846	2 091	503	252	2 037	1 403	442	192
----- \$1,000.....	199 240	107 835	74 699	16 706	198 351	107 079	74 637	16 634
Farms by value of agricultural products sold:								
\$500,000 or more -----	55	27	24	4	55	27	24	4
\$200,000 to \$499,999 -----	130	78	44	8	130	78	44	8
\$100,000 to \$199,999 -----	193	98	81	14	193	98	81	14
\$40,000 to \$99,999 -----	348	223	99	26	348	223	99	26
\$20,000 to \$39,999 -----	295	212	60	23	295	212	60	23
\$10,000 to \$19,999 -----	280	198	49	33	280	198	49	33
\$5,000 to \$9,999 -----	387	303	51	33	387	303	51	33
\$2,500 to \$4,999 -----	349	264	34	51	349	264	34	51
Less than \$2,500 -----	809	688	61	60	(X)	(X)	(X)	(X)

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants	
VALUE OF PRODUCTS SOLD—Con.									
Market value of agricultural products sold—Con.									
Grain	farms	265	150	93	22	256	142	92	22
	\$1,000	6 818	2 906	2 823	1 089	6 808	2 897	2 822	1 089
Sales of \$40,000 or more	farms	28	12	9	7	28	12	9	7
	\$1,000	4 952	1 924	2 069	960	4 952	1 924	2 069	960
Commodity Credit Corporation loans	farms	19	5	10	4	19	5	10	4
	\$1,000	101	40	41	20	101	40	41	20
Cotton and cottonseed	farms	7	4	2	1	7	4	2	1
	\$1,000	429	259	(D)	(D)	429	259	(D)	(D)
Sales of \$40,000 or more	farms	4	3	1	—	4	3	1	—
	\$1,000	331	(D)	(D)	(D)	331	(D)	(D)	(D)
Commodity Credit Corporation loans	farms	—	—	—	—	—	—	—	—
	\$1,000	—	—	—	—	—	—	—	—
Tobacco	farms	—	—	—	—	—	—	—	—
	\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	farms	—	—	—	—	—	—	—	—
	\$1,000	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	farms	1 023	723	213	87	871	595	198	78
	\$1,000	33 030	21 159	9 863	2 008	32 870	21 022	9 851	1 997
Sales of \$40,000 or more	farms	198	117	66	15	198	117	66	15
	\$1,000	25 468	15 806	8 163	1 499	25 468	15 806	8 163	1 499
Vegetables, sweet corn, and melons	farms	47	11	14	22	44	8	14	22
	\$1,000	954	189	595	170	951	186	595	170
Sales of \$40,000 or more	farms	9	1	7	1	9	1	7	1
	\$1,000	765	(D)	(D)	(D)	765	(D)	(D)	(D)
Fruits, nuts, and berries	farms	14	11	2	1	8	5	2	1
	\$1,000	111	7	(D)	(D)	106	2	(D)	(D)
Sales of \$40,000 or more	farms	1	—	1	—	1	—	1	—
	\$1,000	(D)	—	(D)	—	(D)	—	(D)	—
Nursery and greenhouse products	farms	63	39	3	21	41	19	3	19
	\$1,000	764	573	159	32	719	528	159	32
Sales of \$40,000 or more	farms	3	2	1	—	3	2	1	—
	\$1,000	579	(D)	(D)	—	579	(D)	(D)	—
Other crops	farms	47	26	11	10	40	19	11	10
	\$1,000	17 626	1 328	13 054	3 243	17 619	1 322	13 054	3 243
Sales of \$40,000 or more	farms	21	6	8	7	21	6	8	7
	\$1,000	17 472	1 276	12 988	3 208	17 472	1 276	12 988	3 208
Poultry and poultry products	farms	119	98	19	2	61	47	12	2
	\$1,000	105	100	(D)	(D)	87	86	(D)	(D)
Sales of \$40,000 or more	farms	1	1	—	—	1	1	—	—
	\$1,000	(D)	(D)	—	—	(D)	(D)	—	—
Dairy products	farms	79	39	28	12	76	37	27	12
	\$1,000	16 333	5 210	5 338	5 785	16 333	5 210	5 338	5 785
Sales of \$40,000 or more	farms	58	26	23	9	58	26	23	9
	\$1,000	16 124	5 040	5 304	5 779	16 124	5 040	5 304	5 779
Cattle and calves	farms	1 644	1 123	389	132	1 362	901	357	104
	\$1,000	112 821	70 459	38 598	3 765	112 545	70 226	38 574	3 745
Sales of \$40,000 or more	farms	440	267	153	20	440	267	153	20
	\$1,000	101 928	63 248	35 891	2 790	101 928	63 248	35 891	2 790
Hogs and pigs	farms	268	197	53	18	158	98	47	13
	\$1,000	1 513	1 142	283	88	1 451	1 087	280	84
Sales of \$40,000 or more	farms	2	1	1	—	2	1	1	—
	\$1,000	(D)	(D)	(D)	—	(D)	(D)	(D)	—
Sheep, lambs, and wool	farms	320	228	68	24	239	161	62	16
	\$1,000	6 413	2 719	3 330	364	6 364	2 679	3 327	358
Sales of \$40,000 or more	farms	28	16	11	1	28	16	11	1
	\$1,000	5 885	(D)	3 232	(D)	5 885	(D)	3 232	(D)
Other livestock and livestock products (see text)	farms	587	437	104	46	377	264	88	25
	\$1,000	2 325	1 786	411	128	2 068	1 576	396	96
Sales of \$40,000 or more	farms	8	6	2	—	8	6	2	—
	\$1,000	679	(D)	(D)	—	679	(D)	(D)	—
SELECTED FARM PRODUCTION EXPENSES¹									
Livestock and poultry purchased	farms	1 271	909	258	104	920	599	235	86
	\$1,000	42 724	25 517	15 638	1 569	42 155	25 279	15 324	1 553
Farms with expenses of—									
\$1 to \$4,999		872	662	137	73	525	355	115	55
\$5,000 to \$19,999		217	143	52	22	214	140	52	22
\$20,000 to \$49,999		68	37	25	6	68	37	25	6
\$50,000 or more		114	67	44	3	113	67	43	3
Feed for livestock and poultry	farms	2 044	1 469	398	177	1 446	962	341	143
	\$1,000	25 485	13 007	8 784	3 694	25 009	12 624	8 729	3 656
Farms with expenses of—									
\$1 to \$4,999		1 569	1 179	252	138	975	674	197	104
\$5,000 to \$19,999		289	188	73	28	285	186	71	28
\$20,000 to \$49,999		94	54	35	5	94	54	35	5
\$50,000 or more		92	48	38	6	92	48	38	6
Commercially mixed formula feeds	farms	828	601	152	75	562	364	135	63
	tons	78 029	40 706	22 634	14 690	76 923	39 695	22 596	14 633
	\$1,000	8 788	4 396	2 637	1 756	8 633	4 250	2 632	1 751
Farms by tons purchased:									
1 to 99 tons		743	562	116	65	477	325	99	53
100 to 499 tons		61	29	24	8	61	29	24	8
500 tons or more		24	10	12	2	24	10	12	2
Farms with expenses of—									
\$1 to \$4,999		686	520	103	63	420	283	86	51
\$5,000 to \$19,999		79	51	25	3	79	51	25	3
\$20,000 to \$49,999		36	19	11	6	36	19	11	6
\$50,000 or more		27	11	13	3	27	11	13	3

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
SELECTED FARM PRODUCTION EXPENSES¹—Con.								
Animal health costs.....farms.....	1 824	1 280	378	166	1 358	889	333	136
.....\$1,000.....	1 507	910	462	134	1 423	847	447	130
Farms with expenses of—								
\$1 to \$499.....	1 282	942	205	135	857	583	169	105
\$500 to \$999.....	209	128	68	13	182	106	63	13
\$1,000 to \$2,999.....	243	161	70	12	230	151	67	12
\$3,000 or more.....	90	49	35	6	89	49	34	6
Seeds, bulbs, plants, and trees.....farms.....	938	628	242	68	706	420	222	64
.....\$1,000.....	2 302	943	908	451	2 252	910	893	449
Farms with expenses of—								
\$1 to \$999.....	570	431	100	39	342	225	81	36
\$1,000 to \$4,999.....	276	154	107	15	273	152	107	14
\$5,000 to \$9,999.....	55	29	18	8	55	29	18	8
\$10,000 or more.....	37	14	17	6	36	14	16	6
Commercial fertilizer.....farms.....	992	668	253	71	776	468	238	70
.....\$1,000.....	4 899	1 827	2 431	641	4 826	1 758	2 427	640
Farms with expenses of—								
\$1 to \$2,499.....	713	527	130	56	500	330	115	55
\$2,500 to \$9,999.....	206	105	94	7	203	102	94	7
\$10,000 to \$19,999.....	39	23	13	3	39	23	13	3
\$20,000 or more.....	34	13	16	5	34	13	16	5
Other agricultural chemicals including lime.....farms.....	1 000	650	244	106	828	501	227	100
.....\$1,000.....	2 372	1 082	1 015	276	2 359	1 071	1 012	276
Farms with expenses of—								
\$1 to \$2,499.....	850	572	191	87	678	423	174	81
\$2,500 to \$9,999.....	104	56	39	9	104	56	39	9
\$10,000 to \$19,999.....	29	16	5	8	29	16	5	8
\$20,000 or more.....	17	6	9	2	17	6	9	2
Energy and petroleum products.....farms.....	2 793	2 019	513	261	1 993	1 326	448	219
.....\$1,000.....	14 517	8 234	4 910	1 373	14 112	7 888	4 873	1 350
Farms with expenses of—								
\$1 to \$2,499.....	1 738	1 367	198	173	948	683	133	132
\$2,500 to \$9,999.....	735	464	214	57	725	455	214	56
\$10,000 to \$19,999.....	195	120	58	17	195	120	58	17
\$20,000 or more.....	125	68	43	14	125	68	43	14
Petroleum products.....farms.....	2 784	2 010	513	261	1 989	1 322	448	219
.....\$1,000.....	9 210	5 547	2 911	752	8 926	5 312	2 880	734
Gasoline.....farms.....	2 759	1 991	508	260	1 971	1 309	444	218
.....\$1,000.....	4 975	2 958	1 637	379	4 806	2 816	1 621	368
Diesel fuel.....farms.....	1 416	935	355	126	1 239	789	332	118
.....\$1,000.....	2 679	1 584	835	260	2 628	1 542	829	257
LP gas, butane, and propane.....farms.....	801	553	191	57	709	481	176	52
.....\$1,000.....	650	411	192	46	625	393	187	45
Fuel oil.....farms.....	299	192	81	26	263	168	72	23
.....\$1,000.....	238	176	51	11	230	170	49	10
Natural gas.....farms.....	20	12	8	—	20	12	8	—
.....\$1,000.....	33	21	12	—	33	21	12	—
Kerosene, motor oil, and grease.....farms.....	2 784	2 010	513	261	1 989	1 322	448	219
.....\$1,000.....	635	397	183	55	604	370	181	54
Electricity.....farms.....	1 762	1 249	364	149	1 400	918	344	138
.....\$1,000.....	5 277	2 675	1 983	619	5 158	2 567	1 978	613
Other—coal, wood, coke, etc.....farms.....	77	42	26	9	66	33	24	9
.....\$1,000.....	30	12	15	3	27	9	15	3
Hired farm labor.....farms.....	1 292	832	328	132	1 141	716	305	120
.....\$1,000.....	18 912	9 408	7 617	1 887	18 740	9 323	7 557	1 861
Farms with expenses of—								
\$1 to \$4,999.....	758	510	151	97	609	394	130	85
\$5,000 to \$19,999.....	305	197	88	20	304	197	87	20
\$20,000 to \$49,999.....	150	84	56	10	149	84	55	10
\$50,000 or more.....	79	41	33	5	79	41	33	5
Workers by number of days worked:								
150 days or more.....farms.....	729	456	225	48	711	450	219	42
.....workers.....	2 636	1 450	997	189	2 610	1 444	983	183
Less than 150 days.....farms.....	1 003	643	250	110	861	532	231	98
.....workers.....	4 424	2 487	1 520	417	4 073	2 238	1 466	369
Contract labor.....farms.....	269	172	78	19	217	122	76	19
.....\$1,000.....	1 019	562	426	32	985	527	426	32
Farms with expenses of—								
\$1 to \$2,499.....	197	134	46	17	146	85	44	17
\$2,500 to \$9,999.....	53	28	23	2	52	27	23	2
\$10,000 to \$19,999.....	7	3	4	—	7	3	4	—
\$20,000 or more.....	12	7	5	—	12	7	5	—
Customwork, machine hire, and rental of machinery and equipment.....farms.....	1 131	792	256	83	872	568	234	70
.....\$1,000.....	3 252	1 665	1 227	360	3 123	1 564	1 208	352
Farms with expenses of—								
\$1 to \$2,499.....	861	619	181	61	603	395	160	48
\$2,500 to \$9,999.....	209	139	59	11	208	139	58	11
\$10,000 to \$19,999.....	39	25	7	7	39	25	7	7
\$20,000 or more.....	22	9	9	4	22	9	9	4
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services.....farms.....	212	117	71	24	183	95	67	21
.....\$1,000.....	1 060	482	390	188	1 021	449	389	183
Value of agricultural products sold directly to individuals for human consumption.....farms.....	187	116	40	31	126	69	29	28
.....\$1,000.....	376	197	164	15	343	171	159	13

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
VALUE OF MACHINERY AND EQUIPMENT¹								
Estimated market value of all machinery and equipment	2 839	2 059	515	265	2 029	1 358	450	221
\$1,000..	118 318	72 303	35 515	10 500	110 930	66 205	34 737	9 988
Farms by value group:								
\$1 to \$4,999	338	252	31	55	191	138	14	39
\$5,000 to \$9,999	771	631	75	65	289	205	41	43
\$10,000 to \$19,999	465	365	48	52	352	254	46	52
\$20,000 to \$49,999	604	428	133	43	554	392	122	40
\$50,000 to \$99,999	324	202	105	17	307	188	104	15
\$100,000 to \$199,999	205	108	80	17	204	108	80	16
\$200,000 to \$499,999	115	62	38	15	115	62	38	15
\$500,000 or more	17	11	5	1	17	11	5	1
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles	1 501	1 085	314	102	1 174	790	293	91
number..	2 130	1 501	480	149	1 708	1 122	459	127
Motortrucks, including pickups	2 539	1 809	500	230	1 851	1 220	440	191
number..	6 217	4 018	1 704	495	5 296	3 249	1 612	435
Wheel tractors	2 159	1 534	448	177	1 718	1 162	405	151
number..	5 339	3 494	1 481	364	4 756	3 010	1 413	333
2 or 3	883	635	187	61	768	538	173	57
farms..	2 123	1 500	470	153	1 883	1 299	440	144
4 or more	406	244	138	24	403	242	137	24
number..	2 346	1 339	888	119	2 326	1 329	878	119
Grain and bean combines, self-propelled only	187	116	46	25	180	109	46	25
number..	266	160	74	32	259	153	74	32
Cornpickers, corn heads, and picker-shellers	9	7	2	—	9	7	2	—
number..	10	(D)	(D)	—	10	(D)	(D)	—
Corn heads for combines	3	2	1	—	3	2	1	—
number..	3	(D)	(D)	—	3	(D)	(D)	—
Other cornpickers and picker-shellers	7	5	2	—	7	5	2	—
number..	7	(D)	(D)	—	7	(D)	(D)	—
Cottonpickers	5	3	1	1	5	3	1	1
number..	8	(D)	(D)	(D)	8	(D)	(D)	(D)
Mower conditioners	1 033	691	279	63	955	630	268	57
number..	1 260	841	344	75	1 179	777	333	69
Pickup balers	1 174	799	318	57	1 091	735	302	54
number..	1 502	986	442	74	1 414	920	424	70
Field forage harvesters, shear bar or flywheel type	256	148	83	25	233	131	77	25
number..	345	201	112	32	315	179	104	32
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime	1 455	981	340	134	1 160	718	315	127
\$1,000..	7 271	2 909	3 445	917	7 185	2 829	3 439	916
Commercial fertilizer	923	615	239	69	734	440	226	68
acres on which used..	170 878	84 316	71 082	15 480	168 568	82 235	70 879	15 454
Lime	—	—	—	—	—	—	—	—
acres on which used..	—	—	—	—	—	—	—	—
tons..	—	—	—	—	—	—	—	—
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	623	400	169	54	546	335	159	52
acres on which used..	154 548	89 364	52 082	13 102	153 091	88 265	51 728	13 098
Nematodes in crops	13	8	5	—	11	8	3	—
acres on which used..	2 216	234	1 982	4	2 214	234	1 980	2
Diseases in crops and orchards	59	38	17	—	36	21	13	—
acres on which used..	10 262	1 690	8 360	212	10 171	(D)	8 351	(D)
Weeds, grass, or brush in crops and pasture	341	188	121	32	315	168	116	31
acres on which used..	94 907	54 612	31 925	8 370	94 437	54 247	31 821	8 369
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	89	55	23	11	87	53	23	11
acres on which used..	28 990	14 089	10 757	4 144	28 974	14 073	10 757	4 144
Insect control on livestock and poultry	583	375	160	48	462	270	147	45
Sanitation and rodent and bird control	159	98	44	17	137	83	38	16
LIVESTOCK								
Cattle and calves inventory	1 780	1 238	403	139	1 397	927	360	110
number..	562 059	338 243	199 887	23 929	555 028	334 728	196 806	23 494
Farms with—								
1 to 9	379	315	39	25	145	102	27	16
10 to 49	450	316	87	47	318	230	60	28
50 to 99	211	151	46	14	199	142	43	14
100 to 199	185	109	53	23	181	106	53	22
200 to 499	282	189	72	21	282	189	72	21
500 or more	273	158	106	9	272	158	105	9
Cows and heifers that had calved	1 480	1 006	356	118	1 215	807	316	92
number..	295 950	176 470	104 558	14 922	293 623	175 067	103 840	14 716
Beef cows	1 343	918	324	101	1 113	745	291	77
number..	282 700	171 394	99 862	11 444	280 536	170 106	99 176	11 254
Farms with—								
1 to 9	303	231	48	24	145	102	32	11
10 to 49	363	255	69	39	293	212	53	28
50 to 99	157	94	49	14	157	94	49	14
100 to 199	172	121	45	6	171	120	45	6
200 to 499	192	123	55	14	191	123	54	14
500 or more	156	94	58	4	156	94	58	4

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants	
LIVESTOCK—Con.									
Cattle and calves inventory—Con.									
Cows and heifers that had calved—Con.									
Milk cows	farms.....	429	280	104	45	327	204	88	35
number	13 250	5 076	4 696	3 478	13 087	4 961	4 664	3 462	
Farms with—									
1 to 4	335	226	74	35	235	151	59	25	
5 to 9	22	17	5	—	20	16	4	—	
10 to 49	15	11	3	1	15	11	3	1	
50 to 99	13	6	4	3	13	6	4	3	
100 to 199	28	14	10	4	28	14	10	4	
200 to 499	13	5	7	1	13	5	7	1	
500 or more	3	1	1	1	3	1	1	1	
Heifers and heifer calves	farms.....	1 417	977	333	107	1 157	766	299	92
number	135 711	78 117	51 974	5 620	133 367	76 881	50 959	5 527	
Steers, steer calves, bulls, and bull calves	farms.....	1 477	1 009	361	107	1 216	801	326	89
number	130 398	83 656	43 355	3 387	128 038	82 780	42 007	3 251	
Cattle and calves sold	farms.....	1 644	1 123	389	132	1 362	901	357	104
number	336 879	206 584	117 701	12 594	335 442	205 409	117 589	12 444	
\$1,000	112 821	70 459	38 598	3 765	112 545	70 226	38 574	3 745	
Calves	farms.....	920	630	209	81	786	519	195	72
number	102 884	58 389	36 426	8 069	102 000	57 673	36 365	7 962	
\$1,000	23 989	13 872	8 188	1 929	23 884	13 783	8 179	1 922	
Cattle	farms.....	1 361	925	330	106	1 159	767	306	86
number	233 995	148 195	81 275	4 525	233 442	147 736	81 224	4 482	
\$1,000	88 832	56 587	30 410	1 835	88 661	56 443	30 395	1 823	
Fattened on grain and concentrates	farms.....	160	97	48	15	139	84	44	11
number	61 892	42 640	18 601	651	61 848	42 613	18 591	644	
\$1,000	29 436	20 542	8 592	301	29 420	20 532	8 590	298	
Hogs and pigs inventory	farms.....	398	286	79	33	241	156	66	19
number	10 906	7 622	2 421	863	9 643	6 603	2 264	776	
Farms with—									
1 to 9	265	201	42	22	152	110	33	9	
10 to 49	100	68	28	4	57	29	25	3	
50 to 99	18	9	6	3	17	9	5	3	
100 to 199	12	6	2	4	12	6	2	4	
200 to 499	1	1	—	—	1	—	—	—	
500 or more	2	1	—	—	2	—	—	—	
Used or to be used for breeding	farms.....	218	162	43	13	133	84	38	11
number	1 978	1 385	384	209	1 650	1 086	359	205	
Other	farms.....	341	236	74	31	206	128	61	17
number	8 928	6 237	2 037	654	7 993	5 517	1 905	571	
Hogs and pigs sold	farms.....	268	197	53	18	158	98	47	13
number	18 059	13 491	3 324	1 244	16 792	12 354	3 271	1 167	
\$1,000	1 513	1 142	283	88	1 451	1 087	280	84	
Feeder pigs sold	farms.....	96	68	20	8	56	31	18	7
number	3 317	2 113	506	698	2 853	1 713	493	647	
\$1,000	91	56	14	20	79	46	14	19	
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms.....	252	183	48	21	144	91	42	11
number	2 725	1 936	521	268	2 454	1 707	503	244	
Dec. 1 and May 31	farms.....	218	157	41	20	128	81	36	11
number	1 402	998	267	137	1 236	865	252	119	
June 1 and Nov. 30	farms.....	170	117	40	13	104	56	38	10
number	1 323	938	254	131	1 218	842	251	125	
Sheep and lambs of all ages inventory	farms.....	358	262	71	25	259	177	65	17
number	131 154	74 069	51 314	5 771	129 909	72 970	51 248	5 691	
Ewes 1 year old or older	farms.....	320	231	64	25	236	161	58	17
number	98 846	54 592	38 716	5 538	98 077	53 939	38 670	5 468	
Sheep and lambs sold	farms.....	300	211	65	24	229	152	61	16
number	104 090	45 160	53 380	5 550	103 284	44 487	53 347	5 450	
Sheep and lambs shorn	farms.....	286	204	61	21	221	151	55	15
number	108 811	61 906	41 311	5 594	108 038	61 294	41 230	5 514	
pounds of wool	1 044 363	605 697	377 082	61 584	1 038 040	600 820	376 394	60 826	
Horses and ponies inventory	farms.....	1 580	1 132	320	128	1 126	762	279	85
number	13 323	8 773	3 572	978	11 083	7 110	3 274	699	
Horses and ponies sold	farms.....	475	348	89	38	320	221	79	20
number	1 833	1 305	411	117	1 490	1 024	393	73	
\$1,000	1 834	1 365	369	100	1 631	1 203	355	72	
Goats inventory	farms.....	143	108	22	13	60	37	16	7
number	567	456	72	39	253	162	58	33	
Goats sold	farms.....	41	34	5	2	14	8	4	2
number	257	210	(D)	(D)	104	60	(D)	(D)	
\$1,000	15	14	(D)	(D)	10	8	(D)	(D)	
POULTRY									
Chickens 3 months old or older inventory	farms.....	532	413	83	36	336	250	64	22
number	16 861	12 851	3 148	862	11 309	8 707	2 085	517	
Farms with—									
1 to 399	530	411	83	36	334	248	64	22	
400 to 3,199	2	2	—	—	2	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	farms.....	523	406	82	35	328	244	63	21
number	14 927	11 505	2 620	802	9 999	7 876	1 655	468	
Pullets 3 months old or older not of laying age	farms.....	110	89	14	7	66	53	10	3
number	1 934	1 346	528	60	1 310	831	430	49	

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
POULTRY—Con.								
Chickens 3 months old or older sold	37	26	10	1	18	12	5	1
farms								
number	3 635	3 170	(D)	(D)	2 264	2 163	(D)	(D)
Broilers and other meat-type chickens sold	21	19	2	—	11	10	1	—
farms								
number	47 294	(D)	(D)	—	45 462	(D)	(D)	—
Farms with—								
1 to 1,999	20	18	2	—	10	9	1	—
2,000 to 59,999	1	1	—	—	1	1	—	—
60,000 to 99,999	—	—	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—	—	—
Turkey hens kept for breeding	35	29	6	—	18	13	5	—
farms								
number	108	87	21	—	53	34	19	—
Turkeys sold	9	6	3	—	4	3	1	—
farms								
number	90	71	19	—	56	(D)	(D)	—
CROPS HARVESTED								
Wheat for grain	144	80	51	13	136	73	50	13
farms								
acres	17 574	7 708	7 020	2 846	17 506	7 670	6 990	2 846
bushels	1 059 808	486 294	437 847	135 667	1 057 874	485 110	437 097	135 667
farms	144	80	51	13	136	73	50	13
acres	17 574	7 708	7 020	2 846	17 506	7 670	6 990	2 846
Irrigated	144	80	51	13	136	73	50	13
farms								
acres	17 574	7 708	7 020	2 846	17 506	7 670	6 990	2 846
Farms by acres harvested:								
1 to 24 acres	53	39	12	2	46	32	12	2
25 to 99 acres	48	22	22	4	47	22	21	4
100 to 499 acres	35	16	14	5	35	16	14	5
500 acres or more	8	3	3	2	8	3	3	2
Barley for grain	212	120	74	18	208	117	73	18
farms								
acres	27 078	13 020	9 812	4 246	27 045	12 997	9 802	4 246
bushels	1 748 420	774 999	698 110	275 311	1 746 505	773 917	697 277	275 311
farms	212	120	74	18	208	117	73	18
acres	27 078	13 020	9 812	4 246	27 045	12 997	9 802	4 246
Irrigated	212	120	74	18	208	117	73	18
farms								
acres	27 078	13 020	9 812	4 246	27 045	12 997	9 802	4 246
Irish potatoes	42	23	9	10	36	17	9	10
farms								
acres	16 381	1 387	10 569	4 425	16 376	1 382	10 569	4 425
hundredweight	4 974 289	500 150	3 240 789	1 233 350	4 972 039	497 900	3 240 789	1 233 350
farms	42	23	9	10	36	17	9	10
acres	16 381	1 387	10 569	4 425	16 376	1 382	10 569	4 425
Irrigated	42	23	9	10	36	17	9	10
farms								
acres	16 381	1 387	10 569	4 425	16 376	1 382	10 569	4 425
Farms by acres harvested:								
0.1 to 0.9 acres	6	6	—	—	3	3	—	—
1.0 to 4.9 acres	5	5	—	—	2	2	—	—
5.0 to 24.9 acres	5	3	1	1	5	3	1	1
25.0 to 99.9 acres	7	3	1	3	7	3	1	3
100.0 acres or more	19	6	7	6	19	6	7	6
Hay crops (see text)	1 891	1 350	412	129	1 533	1 049	375	109
farms								
acres	495 929	318 456	154 565	22 908	488 358	312 782	153 343	22 233
tons, dry	1 080 470	687 680	348 654	44 136	1 065 486	677 498	345 042	42 946
farms	1 891	1 350	412	129	1 533	1 049	375	109
acres	495 929	318 456	154 565	22 908	488 358	312 782	153 343	22 233
Irrigated	1 891	1 350	412	129	1 533	1 049	375	109
farms								
acres	495 929	318 456	154 565	22 908	488 358	312 782	153 343	22 233
Farms by acres harvested:								
1 to 24 acres	482	385	55	42	188	132	27	29
25 to 99 acres	535	392	107	36	483	352	100	31
100 to 499 acres	644	428	175	41	632	420	173	39
500 acres or more	230	145	75	10	230	145	75	10
Alfalfa hay	1 574	1 125	346	103	1 260	859	313	88
farms								
acres	247 747	164 421	71 970	11 356	242 466	160 391	71 190	10 885
tons, dry	781 008	495 925	251 814	33 269	769 155	487 843	249 057	32 255
farms	1 574	1 125	346	103	1 260	859	313	88
acres	247 747	164 421	71 970	11 356	242 466	160 391	71 190	10 885
Irrigated	1 574	1 125	346	103	1 260	859	313	88
farms								
acres	247 747	164 421	71 970	11 356	242 466	160 391	71 190	10 885
Wild hay	384	259	93	32	351	235	89	27
farms								
acres	191 694	120 017	61 808	9 869	190 318	119 009	61 644	9 665
tons, dry	199 675	131 192	60 992	7 491	198 186	130 170	60 701	7 315
farms	384	259	93	32	351	235	89	27
acres	191 694	120 017	61 808	9 869	190 318	119 009	61 644	9 665
Irrigated	384	259	93	32	351	235	89	27
farms								
acres	191 694	120 017	61 808	9 869	190 318	119 009	61 644	9 665
Field seed crops	75	46	21	8	74	45	21	8
farms								
acres	24 635	13 745	9 095	1 795	24 607	13 717	9 095	1 795
farms	75	46	21	8	74	45	21	8
acres	24 635	13 745	9 095	1 795	24 607	13 717	9 095	1 795
Irrigated	75	46	21	8	74	45	21	8
farms								
acres	24 635	13 745	9 095	1 795	24 607	13 717	9 095	1 795
All vegetables harvested for sale (see text)	47	11	14	22	44	8	14	22
farms								
acres	926	210	518	198	925	209	518	198
farms	47	11	14	22	44	8	14	22
acres	926	210	518	198	925	209	518	198
Irrigated	47	11	14	22	44	8	14	22
farms								
acres	926	210	518	198	925	209	518	198
Farms by acres harvested:								
0.1 to 4.9 acres	24	4	1	19	21	1	1	19
5.0 to 24.9 acres	11	4	5	2	11	4	5	2
25.0 to 99.9 acres	11	3	8	—	11	3	8	—
100.0 acres or more	1	—	—	1	1	—	—	1
Land in orchards	123	85	18	20	76	41	15	20
farms								
acres	273	142	102	29	184	55	100	29
farms	123	85	18	20	76	41	15	20
acres	273	142	102	29	184	55	100	29
Irrigated	123	85	18	20	76	41	15	20
farms								
acres	273	142	102	29	184	55	100	29
Farms by acres in orchards:								
0.1 to 4.9 acres	111	77	15	19	71	40	12	19
5.0 to 24.9 acres	11	8	2	1	4	1	2	1
25.0 to 99.9 acres	1	—	1	—	1	—	1	—
100.0 acres or more	—	—	—	—	—	—	—	—

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