

Table 29. Summary by Tenure of Operator: 1978

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more				
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants	
FARMS AND LAND IN FARMS									
Farms.....	number.....	4 553	2 733	1 368	452	2 781	1 479	1 017	285
Land in farms.....	percent.....	100.0	60.0	30.0	9.9	61.0	32.4	22.3	6.2
Average size of farm.....	acres.....	494 844	196 736	258 031	40 077	395 341	125 911	236 466	32 964
Value of land and buildings ¹	acres.....	109	72	189	89	142	85	233	116
Average per farm.....	farms.....	4 553	2 738	1 339	476	2 753	1 462	1 002	289
Average per acre.....	\$1,000.....	1 105 098	476 772	520 046	108 281	838 468	308 050	455 572	74 846
	dollars.....	242 718	174 131	388 383	227 481	304 565	210 704	454 663	258 982
	dollars.....	2 234	2 494	1 993	2 537	2 111	2 522	1 892	2 183
Farms by value of land and buildings:									
\$1 to \$19,999.....		109	93	-	16	77	66	-	11
\$20,000 to \$39,999.....		432	284	37	111	241	159	36	46
\$40,000 to \$69,999.....		658	434	129	95	261	192	32	37
\$70,000 to \$99,999.....		504	396	84	24	248	179	45	24
\$100,000 to \$149,999.....		675	521	136	18	322	213	92	17
\$150,000 to \$199,999.....		473	277	151	45	301	177	97	27
\$200,000 to \$499,999.....		1 225	603	529	93	894	376	443	75
\$500,000 to \$999,999.....		319	101	170	48	277	71	164	42
\$1,000,000 or more.....		158	29	103	26	132	29	93	10
Owned and rented land by operator:									
Land owned.....	farms.....	4 107	2 733	1 368	6	2 498	1 479	1 017	2
Land rented or leased from others.....	acres.....	354 844	208 120	146 601	123	269 757	133 232	136 480	(D)
Land rented or leased to others.....	farms.....	1 824	4	1 368	452	1 305	3	1 017	285
	acres.....	154 875	74	114 534	40 267	135 618	63	102 478	33 077
	farms.....	406	324	70	12	240	173	60	7
	acres.....	14 875	11 458	3 104	313	10 034	7 384	2 492	158
LAND IN FARMS ACCORDING TO USE									
Total cropland.....	farms.....	4 090	2 375	1 347	368	2 541	1 274	1 000	267
Harvested cropland.....	acres.....	248 473	73 571	151 954	22 948	210 805	51 289	138 696	20 820
	farms.....	3 678	2 028	1 296	354	2 371	1 128	981	262
	acres.....	177 824	46 039	114 698	17 087	157 806	34 538	107 511	15 757
Farms by acres harvested:									
1 to 49 acres.....		2 685	1 797	653	235	1 425	920	356	149
50 to 99 acres.....		490	157	265	68	450	137	250	63
100 to 199 acres.....		312	52	223	37	305	49	220	36
200 to 499 acres.....		173	20	139	14	173	20	139	14
500 to 999 acres.....		16	2	14	-	16	2	14	-
1,000 to 1,999 acres.....		2	-	2	-	2	-	2	-
2,000 acres or more.....		-	-	-	-	-	-	-	-
Cropland:									
Pasture or grazing only.....	farms.....	1 891	1 027	736	128	1 052	472	483	97
Cover crops, legumes, and soil-improvement grasses not harvested or pastured.....	acres.....	54 856	21 198	29 296	4 362	39 878	12 379	23 863	3 636
On which all crops failed.....	farms.....	263	146	90	27	189	85	81	23
In cultivated summer fallow.....	acres.....	5 815	1 854	3 568	393	4 991	1 223	3 389	379
Idle.....	farms.....	97	32	38	27	70	14	31	25
	acres.....	787	197	420	170	715	158	398	159
	farms.....	80	38	28	14	61	21	26	14
	acres.....	1 022	448	533	41	709	263	405	41
	farms.....	454	290	122	42	338	192	108	38
	acres.....	8 169	3 835	3 439	895	6 706	2 728	3 130	848
Total woodland:									
Woodland pastured.....	farms.....	2 666	1 639	845	182	1 659	873	687	99
Woodland not pastured.....	acres.....	168 751	87 128	72 282	9 341	126 244	53 026	66 094	7 124
Pastureland and rangeland other than cropland and woodland pastured.....	farms.....	965	555	363	47	569	244	290	35
Land in house lots, ponds, roads, wasteland, etc.....	acres.....	36 339	17 105	16 807	2 427	25 442	8 315	14 999	2 128
	farms.....	2 150	1 300	692	158	1 404	743	577	84
	acres.....	132 412	70 023	55 475	6 914	100 802	44 711	51 095	4 996
Pastureland and rangeland other than cropland and woodland pastured:									
Pastureland, all types.....	farms.....	905	471	326	108	527	204	281	42
Irrigated land.....	acres.....	34 799	14 304	16 551	3 944	24 983	6 067	16 098	2 818
Harvested cropland irrigated.....	farms.....	3 490	2 158	1 075	257	2 037	1 123	773	141
Pastureland irrigated.....	acres.....	42 821	21 733	17 244	3 844	33 309	15 529	15 578	2 202
Other land irrigated.....	farms.....	2 819	1 566	1 014	239	1 588	719	728	141
	acres.....	125 994	52 607	62 654	10 733	90 303	26 761	54 960	8 582
	farms.....	307	174	99	34	277	149	96	32
	acres.....	6 950	1 540	5 069	341	6 896	1 499	5 058	339
	farms.....	304	172	98	34	275	148	95	32
	acres.....	6 877	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	farms.....	2	2	-	-	1	1	-	-
	acres.....	(D)	(D)	-	-	(D)	(D)	-	-
	farms.....	5	-	3	2	5	-	3	2
	acres.....	(D)	-	(D)	(D)	62	-	(D)	(D)
	farms.....	47	16	24	7	44	13	24	7
	acres.....	790	251	463	76	718	179	463	76
RACE AND TENURE OF OPERATOR									
All operators.....	number.....	4 553	2 733	1 368	452	2 781	1 479	1 017	285
Full owners.....	number.....	2 733	2 733	-	-	1 479	1 479	-	-
Part owners.....	number.....	1 368	-	1 368	-	1 017	-	1 017	-
Tenants.....	number.....	452	-	-	452	285	-	-	285
White.....	number.....	4 536	2 721	1 365	450	2 770	1 473	1 014	283
Full owners.....	number.....	2 721	2 721	-	-	1 473	1 473	-	-
Part owners.....	number.....	1 365	-	1 365	-	1 014	-	1 014	-
Tenants.....	number.....	450	-	-	450	283	-	-	283
Black and other races.....	number.....	17	12	3	2	11	6	3	2
Full owners.....	number.....	12	12	-	-	6	6	-	-
Part owners.....	number.....	3	-	3	-	3	-	3	-
Tenants.....	number.....	2	-	-	2	2	-	-	2

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS BY TYPE OF ORGANIZATION								
Individual or family.....farms.....	3 951	2 437	1 135	379	2 262	1 243	796	223
.....acres.....	369 395	164 983	173 921	30 491	275 915	98 390	153 803	23 722
Partnership.....farms.....	373	178	156	39	312	134	147	31
.....acres.....	69 529	16 591	46 881	6 057	64 714	13 107	45 793	5 814
Corporations:								
Family held.....farms.....	188	97	60	31	174	89	57	28
.....acres.....	40 345	11 895	24 948	3 502	39 645	11 655	24 589	3 401
More than 10 stockholders.....farms.....	7	6	1	—	7	6	1	—
10 or less stockholders.....farms.....	181	91	59	31	167	83	56	28
Other than family held.....farms.....	23	11	10	2	23	11	10	2
.....acres.....	12 364	(D)	9 986	(D)	12 364	(D)	9 986	(D)
More than 10 stockholders.....farms.....	12	4	8	—	12	4	8	—
10 or less stockholders.....farms.....	11	7	2	2	11	7	2	2
Other—cooperative, estate or trust, etc.....farms.....	18	10	7	1	10	2	7	1
.....acres.....	3 211	(D)	2 295	(D)	2 703	(D)	2 295	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated.....	3 804	2 331	1 177	296	2 189	1 189	842	158
Not on farm operated.....	503	224	136	143	407	167	125	115
Operators by age group:								
Under 25 years.....	64	12	12	40	52	9	12	31
25 to 34 years.....	471	207	151	113	280	93	98	89
35 to 44 years.....	922	507	279	136	496	261	175	60
45 to 54 years.....	1 197	664	462	71	735	342	340	53
55 to 64 years.....	1 108	718	312	78	733	419	271	43
65 years and over.....	791	625	152	14	485	355	121	9
Average age.....	51.2	53.6	49.7	41.4	51.5	54.4	50.6	40.0
Operators by sex:								
Male.....	4 160	2 422	1 303	435	2 564	1 323	963	278
Female.....	393	311	65	17	217	156	54	7
Operators of Spanish origin.....	5	1	1	3	2	1	1	—
Operators by principal occupation:								
Farming.....	2 164	1 146	799	219	1 840	926	751	163
Other.....	2 389	1 587	569	233	941	553	266	122
Operators reporting days of work off farm:								
None.....	1 753	1 031	591	131	1 420	743	560	117
1 to 99 days.....	325	144	114	67	225	91	102	32
100 to 199 days.....	438	290	107	41	248	134	80	34
200 days or more.....	1 879	1 157	516	206	757	421	239	97
FARMS BY SIZE								
1 to 9 acres.....	766	636	50	80	392	315	23	54
10 to 49 acres.....	1 384	939	308	137	752	514	160	78
50 to 69 acres.....	507	255	166	86	205	116	70	19
70 to 99 acres.....	390	254	105	31	225	119	80	26
100 to 139 acres.....	437	265	140	32	276	140	110	26
140 to 179 acres.....	257	133	109	15	200	89	96	15
180 to 219 acres.....	175	71	88	16	157	56	86	15
220 to 259 acres.....	135	40	81	14	121	29	78	14
260 to 499 acres.....	361	108	222	31	317	73	216	28
500 to 999 acres.....	117	25	82	10	112	21	81	10
1,000 to 1,999 acres.....	19	6	13	—	19	6	13	—
2,000 acres or more.....	5	1	4	—	5	1	4	—
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)								
Cash grain farms (011).....	22	15	6	1	15	9	6	—
Field crop, except cash grain farms (013).....	673	353	244	76	395	187	145	63
Cotton farms (0131).....	—	—	—	—	—	—	—	—
Tobacco farms (0132).....	89	31	39	19	89	31	39	19
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139).....	584	322	205	57	306	156	106	44
Vegetable and melon farms (016).....	363	177	122	64	268	120	115	33
Fruit and tree nut farms (017).....	277	210	45	22	142	99	26	17
Horticultural specialty farms (018).....	484	368	52	64	416	314	50	52
General farms, primarily crop (019).....	173	125	37	11	27	11	14	2
Livestock farms, except dairy, poultry, and animal specialty (021).....	1 091	733	304	54	412	237	146	29
Beef cattle farms, except feedlots (0212).....	637	452	156	29	245	147	79	19
Dairy farms (024).....	643	124	449	70	643	124	449	70
Poultry and egg farms (025).....	379	331	37	11	285	247	29	9
Animal specialty farms (027).....	340	216	53	71	152	121	22	9
General farms, primarily livestock (029).....	108	81	19	8	26	10	15	1
VALUE OF AGRICULTURAL PRODUCTS SOLD								
Market value of agricultural products sold.....farms.....	4 553	2 733	1 368	452	2 781	1 479	1 017	285
.....\$1,000.....	228 460	107 444	106 101	14 916	226 842	106 288	105 790	14 764
Farms by value of agricultural products sold:								
\$500,000 or more.....	72	37	32	3	72	37	32	3
\$200,000 to \$499,999.....	149	51	85	13	149	51	85	13
\$100,000 to \$199,999.....	270	96	156	18	270	96	156	18
\$40,000 to \$99,999.....	536	209	255	72	536	209	255	72
\$20,000 to \$39,999.....	357	177	148	32	357	177	148	32
\$10,000 to \$19,999.....	367	213	104	50	367	213	104	50
\$5,000 to \$9,999.....	484	309	129	46	484	309	129	46
\$2,500 to \$4,999.....	546	387	108	51	546	387	108	51
Less than \$2,500.....	1 772	1 254	351	167	(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	64	33	27	4	51	21	27	3
\$1,000	371	126	239	6	359	115	239	5
Sales of \$40,000 or more	2	-	2	-	2	-	2	-
\$1,000	(D)	-	(D)	-	(D)	-	(D)	-
Commodity Credit Corporation loans	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-
Cotton and cottonseed	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-
Sales of \$40,000 or more	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-
Commodity Credit Corporation loans	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-
Tobacco	97	35	42	20	97	35	42	20
\$1,000	18 976	3 463	14 177	1 337	18 976	3 463	14 177	1 337
Sales of \$40,000 or more	54	18	29	7	54	18	29	7
\$1,000	18 216	3 172	13 920	1 124	18 216	3 172	13 920	1 124
Field seeds, hay, forage, and silage	966	504	365	97	636	300	254	82
\$1,000	4 124	1 553	2 014	557	3 766	1 326	1 897	543
Sales of \$40,000 or more	10	7	7	2	10	1	7	2
\$1,000	637	(D)	466	(D)	637	(D)	466	(D)
Vegetables, sweet corn, and melons	648	316	230	102	494	223	201	70
\$1,000	8 214	1 624	5 824	766	8 067	1 553	5 811	704
Sales of \$40,000 or more	34	2	29	3	34	2	29	3
\$1,000	4 158	(D)	3 777	(D)	4 158	(D)	3 777	(D)
Fruits, nuts, and berries	474	322	106	46	311	184	83	44
\$1,000	7 542	4 490	2 485	567	7 453	4 412	2 474	567
Sales of \$40,000 or more	49	29	16	4	49	29	16	4
\$1,000	5 731	3 354	1 962	415	5 731	3 354	1 962	415
Nursery and greenhouse products	574	414	93	67	499	353	91	55
\$1,000	42 992	24 598	13 755	4 638	42 871	24 505	13 753	4 613
Sales of \$40,000 or more	123	75	29	19	123	75	29	19
\$1,000	38 772	21 469	13 083	4 220	38 772	21 469	13 083	4 220
Other crops	66	23	33	10	61	21	30	10
\$1,000	2 397	864	1 451	82	2 396	863	1 451	82
Sales of \$40,000 or more	13	3	9	1	13	3	9	1
\$1,000	2 141	(D)	1 245	(D)	2 141	(D)	1 245	(D)
Poultry and poultry products	584	437	108	39	414	296	82	36
\$1,000	65 201	56 215	8 545	441	65 143	56 166	8 538	439
Sales of \$40,000 or more	187	162	21	4	187	162	21	4
\$1,000	63 395	54 754	8 278	363	63 395	54 754	8 278	363
Dairy products	714	493	143	77	705	486	143	76
\$1,000	63 278	7 801	50 180	5 296	63 276	7 801	50 179	5 296
Sales of \$40,000 or more	487	62	363	62	487	62	363	62
\$1,000	58 724	6 357	47 370	4 997	58 724	6 357	47 370	4 997
Cattle and calves	1 782	832	813	137	1 234	437	681	116
\$1,000	12 186	4 250	6 872	1 064	11 628	3 819	6 766	1 043
Sales of \$40,000 or more	43	15	25	3	43	15	25	3
\$1,000	4 137	1 818	2 031	288	4 137	1 818	2 031	288
Hogs and pigs	286	127	125	34	176	81	68	27
\$1,000	792	504	260	27	740	482	236	22
Sales of \$40,000 or more	1	-	-	-	1	-	-	-
\$1,000	(D)	(D)	-	-	(D)	(D)	-	-
Sheep, lambs, and wool	207	133	63	11	106	60	38	8
\$1,000	137	76	45	15	95	45	38	12
Sales of \$40,000 or more	-	-	-	-	-	-	-	-
\$1,000	-	-	-	-	-	-	-	-
Other livestock and livestock products (see text)	556	337	131	88	294	203	69	22
\$1,000	2 250	1 879	251	120	2 072	1 738	232	102
Sales of \$40,000 or more	8	8	-	-	8	8	-	-
\$1,000	828	828	-	-	828	828	-	-
SELECTED FARM PRODUCTION EXPENSES¹								
Livestock and poultry purchased	1 712	1 014	563	135	1 110	567	430	113
\$1,000	13 744	9 137	3 696	911	13 400	8 897	3 621	882
Farms with expenses of—								
\$1 to \$4,999	1 231	734	420	77	648	305	287	56
\$5,000 to \$19,999	338	192	108	38	319	174	108	37
\$20,000 to \$49,999	99	58	22	19	99	58	22	19
\$50,000 or more	44	30	13	1	44	30	13	1
Feed for livestock and poultry	2 961	1 638	1 031	292	1 711	795	754	162
\$1,000	61 243	36 432	22 595	2 216	60 329	35 810	22 352	2 167
Farms with expenses of—								
\$1 to \$4,999	1 989	1 264	519	206	750	427	247	76
\$5,000 to \$19,999	415	144	215	56	404	138	210	56
\$20,000 to \$49,999	269	81	172	16	269	81	172	16
\$50,000 or more	288	149	125	14	288	149	125	14
Commercially mixed formula feeds	2 005	1 017	833	155	1 333	589	635	109
tons	380 944	232 559	135 695	12 690	377 974	230 597	134 850	12 527
\$1,000	56 652	34 634	20 181	1 837	56 152	34 298	20 043	1 810
Farms by tons purchased:								
1 to 99 tons	1 404	784	507	113	738	362	309	67
100 to 499 tons	463	158	266	39	457	152	264	39
500 tons or more	138	75	60	3	138	75	60	3
Farms with expenses of—								
\$1 to \$4,999	1 130	674	371	85	464	252	173	39
\$5,000 to \$19,999	373	131	200	42	367	125	200	42
\$20,000 to \$49,999	237	70	150	17	237	70	150	17
\$50,000 or more	265	142	112	11	265	142	112	11

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.....	2 239	1 204	864	171	1 458	670	663	125
\$1,000.....	1 570	624	809	137	1 434	557	778	99
Farms with expenses of—								
\$1 to \$499.....	1 615	976	521	118	884	471	335	78
\$500 to \$999.....	253	112	120	21	219	89	110	20
\$1,000 to \$2,999.....	255	91	153	11	244	85	148	11
\$3,000 or more.....	116	25	70	21	111	25	70	16
Seeds, bulbs, plants, and trees.....farms.....	2 346	1 144	953	249	1 794	767	833	194
\$1,000.....	6 223	2 971	2 345	907	6 154	2 929	2 328	897
Farms with expenses of—								
\$1 to \$999.....	1 530	838	546	146	983	461	426	96
\$1,000 to \$4,999.....	629	206	338	85	624	206	338	80
\$5,000 to \$9,999.....	70	38	26	6	70	38	26	6
\$10,000 or more.....	117	62	43	12	117	62	43	12
Commercial fertilizer.....farms.....	2 714	1 315	1 084	315	1 960	837	876	247
\$1,000.....	7 837	1 422	5 857	558	7 606	1 294	5 775	537
Farms with expenses of—								
\$1 to \$2,499.....	2 099	1 197	663	239	1 346	720	455	171
\$2,500 to \$9,999.....	468	100	298	70	467	99	298	70
\$10,000 to \$19,999.....	94	13	75	6	94	13	75	6
\$20,000 or more.....	53	5	48	—	53	5	48	—
Other agricultural chemicals including lime.....farms.....	2 529	1 273	981	275	1 871	797	830	244
\$1,000.....	3 260	895	2 062	303	3 094	793	2 006	295
Farms with expenses of—								
\$1 to \$2,499.....	2 284	1 216	834	234	1 626	740	683	203
\$2,500 to \$9,999.....	197	44	113	40	197	44	113	40
\$10,000 to \$19,999.....	26	6	19	1	26	6	19	1
\$20,000 or more.....	22	7	15	—	22	7	15	—
Energy and petroleum products.....farms.....	4 521	2 706	1 339	476	2 732	1 441	1 002	289
\$1,000.....	12 648	5 826	5 861	961	12 057	5 476	5 740	841
Farms with expenses of—								
\$1 to \$2,499.....	3 551	2 358	807	386	1 767	1 093	470	204
\$2,500 to \$9,999.....	760	259	423	78	755	259	423	73
\$10,000 to \$19,999.....	125	42	74	9	125	42	74	9
\$20,000 or more.....	85	47	35	3	85	47	35	3
Petroleum products.....farms.....	4 510	2 695	1 339	476	2 732	1 441	1 002	289
\$1,000.....	9 703	4 292	4 639	772	9 266	4 032	4 547	687
Gasoline.....farms.....	4 326	2 576	1 288	462	2 618	1 364	979	275
\$1,000.....	4 069	1 696	2 047	327	3 740	1 509	1 981	250
Diesel fuel.....farms.....	1 298	465	706	127	1 045	315	615	115
\$1,000.....	1 230	312	829	89	1 196	290	818	89
LP gas, butane, and propane.....farms.....	330	197	105	28	305	173	104	28
\$1,000.....	1 270	304	927	40	1 267	300	927	40
Fuel oil.....farms.....	765	396	296	73	724	363	288	73
\$1,000.....	2 394	1 673	479	242	2 386	1 666	478	242
Natural gas.....farms.....	69	26	25	18	63	26	25	12
\$1,000.....	83	35	36	12	82	35	36	11
Kerosene, motor oil, and grease.....farms.....	4 508	2 693	1 339	476	2 730	1 439	1 002	289
\$1,000.....	657	272	322	62	594	231	307	55
Electricity.....farms.....	2 904	1 592	1 005	307	1 980	953	860	167
\$1,000.....	2 881	1 497	1 197	187	2 749	1 426	1 171	152
Other—coal, wood, coke, etc.....farms.....	202	119	64	19	139	69	51	19
\$1,000.....	64	37	24	3	43	18	22	3
Hired farm labor.....farms.....	2 111	1 080	818	213	1 736	811	748	177
\$1,000.....	36 449	14 210	19 779	2 460	36 065	13 939	19 677	2 449
Farms with expenses of—								
\$1 to \$4,999.....	1 321	721	452	148	947	453	382	112
\$5,000 to \$19,999.....	542	269	230	43	541	268	230	43
\$20,000 to \$49,999.....	151	47	92	12	151	47	92	12
\$50,000 or more.....	97	43	44	10	97	43	44	10
Workers by number of days worked:								
150 days or more.....farms.....	1 040	453	488	99	985	413	473	99
workers.....	5 570	2 371	2 853	346	5 493	2 319	2 828	346
Less than 150 days.....farms.....	1 770	926	674	170	1 428	675	619	134
workers.....	15 441	4 956	9 030	1 455	13 948	3 868	8 815	1 265
Contract labor.....farms.....	287	166	98	23	195	92	82	21
\$1,000.....	973	512	229	232	925	485	212	228
Farms with expenses of—								
\$1 to \$2,499.....	228	135	82	11	137	61	66	10
\$2,500 to \$9,999.....	39	22	10	7	38	22	10	6
\$10,000 to \$19,999.....	10	3	5	2	10	3	5	2
\$20,000 or more.....	10	6	1	3	10	6	1	3
Customwork, machine hire, and rental of machinery and equipment.....farms.....	1 007	489	381	137	605	213	331	61
\$1,000.....	1 224	327	777	120	1 044	217	719	108
Farms with expenses of—								
\$1 to \$2,499.....	892	464	300	128	513	201	260	52
\$2,500 to \$9,999.....	92	23	62	7	69	10	52	7
\$10,000 to \$19,999.....	18	—	16	2	18	—	16	2
\$20,000 or more.....	5	2	3	—	5	2	3	—
FARM-RELATED INCOME								
Income from machine work, customwork, and other agricultural services.....farms.....	347	122	187	38	242	74	138	30
\$1,000.....	851	304	461	86	745	248	426	71
Value of agricultural products sold directly to individuals for human consumption.....farms.....	921	582	232	107	578	317	190	71
\$1,000.....	7 262	3 913	2 828	522	7 007	3 745	2 804	458

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	4 543	2 728	1 339	476	2 748	1 457	1 002	289
\$1,000..... farms.....	102 028	43 132	50 596	8 300	90 046	35 533	47 506	7 007
Farms by value group:								
\$1 to \$4,999..... farms.....	1 025	746	193	86	464	317	91	56
\$5,000 to \$9,999..... farms.....	1 411	1 012	229	170	410	303	76	31
\$10,000 to \$19,999..... farms.....	828	515	222	91	672	416	177	79
\$20,000 to \$49,999..... farms.....	791	340	374	77	721	311	338	72
\$50,000 to \$99,999..... farms.....	324	76	200	48	317	71	199	47
\$100,000 to \$199,999..... farms.....	115	22	90	3	115	22	90	3
\$200,000 to \$499,999..... farms.....	39	10	28	1	39	10	28	1
\$500,000 or more..... farms.....	10	7	3	—	10	7	3	—
SELECTED MACHINERY AND EQUIPMENT¹								
Automobiles..... farms.....	2 478	1 508	802	168	1 775	927	724	124
..... number.....	3 919	2 279	1 390	250	2 859	1 440	1 247	172
Motortrucks, including pickups..... farms.....	3 738	2 122	1 232	384	2 389	1 195	955	239
..... number.....	7 504	3 451	3 383	670	5 742	2 281	2 973	488
Wheel tractors..... farms.....	3 786	2 121	1 237	428	2 352	1 145	948	259
..... number.....	9 132	4 049	4 180	903	6 755	2 489	3 599	667
2 or 3..... farms.....	1 705	935	1 105	196	1 105	542	416	147
..... number.....	4 068	2 171	1 442	455	2 739	1 319	1 075	345
4 or more..... farms.....	713	172	484	57	652	135	461	56
..... number.....	3 696	864	2 559	273	3 421	702	2 453	266
Grain and bean combines, self-propelled only..... farms.....	41	19	22	—	41	19	22	—
..... number.....	86	39	47	—	86	39	47	—
Cornpickers, corn heads, and picker-shellers..... farms.....	218	57	152	9	196	57	130	9
..... number.....	242	70	163	9	220	70	141	9
Corn heads for combines..... farms.....	150	37	105	8	129	37	84	8
..... number.....	157	39	110	8	136	39	89	8
Other cornpickers and picker-shellers..... farms.....	79	27	51	1	78	27	50	1
..... number.....	85	(D)	53	(D)	84	(D)	52	(D)
Cottonpickers..... farms.....	—	—	—	—	—	—	—	—
..... number.....	—	—	—	—	—	—	—	—
Mower conditioners..... farms.....	1 120	437	555	128	817	264	458	95
..... number.....	1 228	469	610	149	897	277	509	111
Pickup balers..... farms.....	1 586	647	800	139	1 132	424	619	89
..... number.....	1 708	660	886	162	1 235	437	687	111
Field forage harvesters, shear bar or flywheel type..... farms.....	702	193	457	52	603	122	430	51
..... number.....	826	211	557	58	725	139	530	56
AGRICULTURAL CHEMICALS¹								
Agricultural chemicals, including commercial fertilizer and lime..... farms.....	3 056	1 555	1 163	338	2 148	963	926	259
..... \$1,000..... farms.....	11 097	2 318	7 918	862	10 700	2 087	7 780	832
Commercial fertilizer..... farms.....	2 604	1 233	1 071	300	1 882	787	863	232
..... acres on which used.....	124 775	25 040	88 531	11 204	117 299	21 003	85 747	10 549
Lime..... farms.....	1 373	561	647	165	999	312	548	139
..... acres on which used.....	40 153	6 648	28 721	4 784	36 249	4 816	26 988	4 445
..... tons.....	49 879	9 230	35 950	4 699	45 562	6 508	34 608	4 446
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops..... farms.....	1 015	504	331	180	784	339	284	161
..... acres on which used.....	36 757	6 566	24 600	5 591	35 012	5 487	24 119	5 406
Nematodes in crops..... farms.....	172	55	92	25	125	41	66	18
..... acres on which used.....	7 663	715	6 482	466	7 315	643	6 243	429
Diseases in crops and orchards..... farms.....	735	382	234	119	489	219	159	111
..... acres on which used.....	18 077	5 065	9 810	3 202	16 461	4 247	9 052	3 162
Weeds, grass, or brush in crops and pasture..... farms.....	1 324	538	653	133	1 083	349	613	121
..... acres on which used.....	61 425	10 614	46 071	4 740	59 318	9 045	45 588	4 685
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit..... farms.....	103	70	24	9	78	50	19	9
..... acres on which used.....	3 888	1 890	1 803	195	3 671	1 798	1 678	195
Insect control on livestock and poultry..... farms.....	895	379	434	82	708	247	386	75
Sanitation and rodent and bird control..... farms.....	834	429	315	90	680	318	279	83
LIVESTOCK								
Cattle and calves inventory..... farms.....	2 157	1 089	913	155	1 291	460	706	125
..... number.....	101 609	21 984	72 160	7 465	94 249	17 186	69 966	7 097
Farms with—								
1 to 9..... farms.....	871	616	203	52	268	155	78	35
10 to 49..... farms.....	694	377	280	37	435	209	201	25
50 to 99..... farms.....	287	58	182	47	283	58	179	46
100 to 199..... farms.....	197	26	154	17	197	26	154	17
200 to 499..... farms.....	97	9	86	2	97	9	86	2
500 or more..... farms.....	11	3	8	—	11	3	8	—
Cows and heifers that had calved..... farms.....	1 814	854	818	142	1 122	361	645	116
..... number.....	57 426	11 011	41 814	4 601	54 135	8 902	40 810	4 423
Beef cows..... farms.....	1 025	591	376	58	465	211	218	36
..... number.....	7 345	3 763	3 175	407	4 597	2 069	2 270	258
Farms with—								
1 to 9..... farms.....	837	504	288	45	329	152	149	28
10 to 49..... farms.....	174	81	82	11	123	53	64	6
50 to 99..... farms.....	9	4	3	2	8	4	2	2
100 to 199..... farms.....	4	1	3	—	4	1	3	—
200 to 499..... farms.....	1	1	—	—	1	1	—	—
500 or more..... farms.....	—	—	—	—	—	—	—	—

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.....	1 036	360	578	98	817	201	527	89
..... number.....	50 081	7 248	38 639	4 194	49 538	6 833	38 540	4 165
Farms with—								
1 to 4.....	311	196	94	21	126	64	48	14
5 to 9.....	58	35	19	4	26	10	14	2
10 to 49.....	285	83	165	37	283	81	165	37
50 to 99.....	238	34	175	29	238	34	175	29
100 to 199.....	114	8	99	7	114	8	99	7
200 to 499.....	29	4	25	—	29	4	25	—
500 or more.....	1	—	1	—	1	—	1	—
Heifers and heifer calves..... farms.....	1 505	649	739	117	1 023	319	609	95
..... number.....	35 633	6 578	26 555	2 500	33 626	5 314	25 924	2 388
Steers, steer calves, bulls, and bull calves..... farms.....	1 333	682	547	104	785	288	415	82
..... number.....	8 550	4 395	3 791	364	6 488	2 970	3 232	286
Cattle and calves sold..... farms.....	1 782	832	813	137	1 234	437	681	116
..... number.....	49 840	15 325	30 330	4 185	47 794	13 824	29 885	4 085
..... \$1,000.....	12 186	4 250	6 872	1 064	11 628	3 819	6 766	1 043
Calves..... farms.....	1 158	419	635	104	940	276	570	94
..... number.....	28 682	9 188	17 469	2 025	27 879	8 660	17 246	1 973
..... \$1,000.....	2 780	1 465	1 141	174	2 691	1 405	1 116	169
Cattle..... farms.....	1 557	705	724	128	1 103	367	625	111
..... number.....	21 158	6 137	12 861	2 160	19 915	5 164	12 639	2 112
..... \$1,000.....	9 406	2 784	5 732	890	8 937	2 414	5 649	874
Fattened on grain and concentrates..... farms.....	339	174	137	28	198	82	99	17
..... number.....	2 599	997	1 425	177	2 295	779	1 362	154
..... \$1,000.....	1 174	443	651	81	1 064	370	623	71
Hogs and pigs inventory..... farms.....	549	262	187	100	246	106	105	35
..... number.....	9 398	5 805	3 221	372	7 722	4 786	2 772	164
Farms with—								
1 to 9.....	397	162	142	93	160	63	69	28
10 to 49.....	116	76	33	7	51	20	24	7
50 to 99.....	15	13	2	—	14	12	2	—
100 to 199.....	9	4	5	—	9	4	5	—
200 to 499.....	10	5	5	—	10	5	5	—
500 or more.....	2	—	—	—	2	—	—	—
Used or to be used for breeding..... farms.....	188	78	94	16	124	53	60	11
..... number.....	1 418	807	584	27	1 236	709	510	17
Other..... farms.....	516	246	171	99	226	101	91	34
..... number.....	7 980	4 998	2 637	345	6 486	4 077	2 262	147
Hogs and pigs sold..... farms.....	286	127	125	34	176	81	68	27
..... number.....	13 230	8 325	4 519	386	12 235	7 916	4 057	262
..... \$1,000.....	792	504	260	27	740	482	236	22
Feeder pigs sold..... farms.....	109	41	58	10	69	32	31	6
..... number.....	6 549	3 820	2 546	183	6 024	3 628	2 269	127
..... \$1,000.....	182	97	79	6	167	92	71	4
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms.....	248	133	96	19	140	65	61	14
..... number.....	2 211	1 501	666	44	1 904	1 299	571	34
Dec. 1 and May 31..... farms.....	233	129	88	16	128	63	54	11
..... number.....	1 281	885	364	32	1 034	708	300	26
June 1 and Nov. 30..... farms.....	147	66	72	9	104	50	49	5
..... number.....	930	616	302	12	870	591	271	8
Sheep and lambs of all ages inventory..... farms.....	312	207	91	14	119	65	43	11
..... number.....	3 856	2 056	1 503	297	2 261	961	1 137	163
Ewes 1 year old or older..... farms.....	264	182	72	10	103	56	40	7
..... number.....	2 752	1 440	1 110	202	1 707	721	867	119
Sheep and lambs sold..... farms.....	162	107	46	9	83	46	31	6
..... number.....	2 226	1 197	813	216	1 436	642	633	161
..... farms.....	192	123	58	11	99	55	36	8
Sheep and lambs shorn..... number.....	3 419	1 784	1 275	360	2 110	928	993	189
..... pounds of wool.....	22 544	12 533	7 327	2 684	13 718	6 569	5 562	1 587
Horses and ponies inventory..... farms.....	1 094	681	302	111	452	245	183	24
..... number.....	9 103	5 214	1 370	2 519	2 889	1 896	859	134
Horses and ponies sold..... farms.....	397	228	96	73	196	146	41	9
..... number.....	1 083	596	258	229	664	463	167	34
..... \$1,000.....	1 469	1 162	231	76	1 346	1 071	213	62
Goats inventory..... farms.....	109	67	31	11	46	23	13	10
..... number.....	864	714	106	44	456	343	75	38
Goats sold..... farms.....	67	50	9	8	31	17	6	8
..... number.....	546	442	62	42	269	197	30	42
..... \$1,000.....	31	28	2	2	19	16	1	2
POULTRY								
Chickens 3 months old or older inventory..... farms.....	841	563	227	51	431	272	121	38
..... number.....	5 734 661	4 973 186	730 894	30 581	5 717 330	4 958 278	728 666	30 386
Farms with—								
1 to 399.....	652	404	202	46	245	116	96	33
400 to 3,199.....	46	33	11	2	45	32	11	2
3,200 to 9,999.....	44	39	3	2	42	37	3	2
10,000 to 19,999.....	35	32	2	1	35	32	2	1
20,000 to 49,999.....	40	35	5	—	40	35	5	—
50,000 to 99,999.....	15	13	2	—	15	13	2	—
100,000 or more.....	9	7	2	—	9	7	2	—
Hens and pullets of laying age..... farms.....	811	537	223	51	404	249	117	38
..... number.....	4 901 924	4 334 620	(D)	(D)	4 892 816	4 327 886	(D)	(D)
Pullets 3 months old or older not of laying age..... farms.....	87	71	15	1	56	43	12	1
..... number.....	832 737	638 566	(D)	(D)	824 514	630 392	(D)	(D)

See footnote at end of table.

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

[Excludes abnormal farms; see text]

	All farms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
POULTRY—Con.								
Chickens 3 months old or older sold	farms..... 320	263	48	9	293	238	47	8
	number..... 5 157 518	4 337 891	772 143	47 484	5 155 949	4 336 466	772 049	47 434
Broilers and other meat-type chickens sold	farms..... 50	33	13	4	42	30	9	3
	number..... 597 478	457 339	140 070	69	597 253	457 253	139 976	24
Farms with—								
1 to 1,999	34	19	11	4	26	16	7	3
2,000 to 59,999	12	12	—	—	12	12	—	—
60,000 to 99,999	3	1	2	—	3	1	2	—
100,000 or more	1	1	—	—	1	1	—	—
Turkey hens kept for breeding	farms..... 4	2	2	—	3	1	2	—
	number..... 11	(D)	(D)	—	5	(D)	(D)	—
Turkeys sold	farms..... 40	23	15	2	32	20	10	2
	number..... 37 451	34 617	(D)	(D)	37 224	34 414	(D)	(D)
CROPS HARVESTED								
Corn for all purposes	farms..... 1 065	312	659	94	876	218	569	89
	acres..... 55 809	7 787	43 540	4 482	54 509	7 115	42 949	4 445
Tobacco	farms..... 97	35	42	20	97	35	42	20
	acres..... 3 201	604	2 378	220	3 201	604	2 378	220
	pounds..... 4 829 151	877 010	3 608 848	343 293	4 829 151	877 010	3 608 848	343 293
Irrigated	farms..... 29	9	18	2	29	9	18	2
	acres..... 1 770	49	1 653	68	1 770	49	1 653	68
Farms by acres harvested:								
0.1 to 4.9 acres	21	9	3	9	21	9	3	9
5.0 to 24.9 acres	48	22	17	9	48	22	17	9
25.0 acres or more	28	4	22	2	28	4	22	2
Irish potatoes	farms..... 83	37	36	10	69	26	33	10
	acres..... 2 534	774	1 699	61	2 528	769	1 698	61
	hundredweight..... 511 229	155 100	341 799	14 330	510 389	154 409	341 650	14 330
Irrigated	farms..... 15	6	9	—	13	4	9	—
	acres..... 1 299	665	634	—	1 296	662	634	—
Farms by acres harvested:								
0.1 to 0.9 acres	31	19	7	5	18	9	4	5
1.0 to 4.9 acres	28	14	11	3	27	13	11	3
5.0 to 24.9 acres	7	1	5	1	7	1	5	1
25.0 to 99.9 acres	9	2	6	1	9	2	6	1
100.0 acres or more	8	1	7	—	8	1	7	—
Hay crops (see text)	farms..... 2 443	1 234	1 020	189	1 454	573	736	145
	acres..... 98 356	29 054	58 779	10 523	80 776	19 134	52 154	9 488
	tons, dry..... 198 322	51 602	129 653	17 067	175 636	39 638	120 210	15 788
Irrigated	farms..... 8	5	1	2	7	4	1	2
	acres..... 80	52	(D)	(D)	78	50	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 212	802	342	68	487	284	164	39
25 to 99 acres	996	397	507	92	738	256	404	78
100 to 499 acres	234	35	170	29	228	33	167	28
500 acres or more	1	—	1	—	1	—	1	—
Alfalfa hay	farms..... 812	345	399	68	636	218	359	59
	acres..... 22 869	8 018	13 342	1 509	19 990	5 836	12 821	1 333
	tons, dry..... 56 834	17 195	36 038	3 601	53 773	15 045	35 401	3 327
Irrigated	farms..... 2	2	—	—	2	2	—	—
	acres..... (D)	(D)	—	—	(D)	(D)	—	—
All vegetables harvested for sale (see text)	farms..... 649	317	230	102	495	224	201	70
	acres..... 11 528	2 366	8 138	1 024	10 957	2 063	8 083	811
Irrigated	farms..... 85	36	41	8	79	32	39	8
	acres..... 1 742	207	1 512	23	1 732	204	1 505	23
Farms by acres harvested:								
0.1 to 4.9 acres	274	175	62	37	177	108	35	34
5.0 to 24.9 acres	282	120	106	56	225	94	104	27
25.0 to 99.9 acres	80	22	50	8	80	22	50	8
100.0 acres or more	13	—	12	1	13	—	12	1
Land in orchards	farms..... 479	351	100	28	248	167	59	22
	acres..... 6 293	4 190	1 710	394	5 390	3 593	1 441	356
Irrigated	farms..... 18	12	3	3	11	6	3	2
	acres..... 75	56	11	8	64	46	(D)	(D)
Farms by acres in orchards:								
0.1 to 4.9 acres	268	208	49	11	111	80	24	7
5.0 to 24.9 acres	147	105	29	13	73	49	13	11
25.0 to 99.9 acres	54	30	20	4	54	30	20	4
100.0 acres or more	10	8	2	—	10	8	2	—
Apples	farms..... 438	332	79	27	234	157	55	22
	total acres..... 4 884	3 405	1 186	293	4 368	2 955	1 154	260
	pounds..... 44 397 816	27 972 880	14 418 666	2 006 270	44 114 408	27 696 882	14 415 856	2 001 670

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