

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	
<b>FARMS AND LAND IN FARMS</b>									
Farms.....	number.....	7 258	4 023	2 780	455	4 835	2 171	2 335	329
	percent.....	100.0	55.4	38.3	6.2	66.6	29.9	32.1	4.5
Land in farms.....	acres.....	1 745 390	775 381	879 539	90 470	1 479 685	553 868	842 825	82 992
Average size of farm.....	acres.....	240	193	316	199	306	255	361	252
Value of land and buildings <sup>1</sup> .....	farms.....	7 258	3 980	2 816	462	4 857	2 130	2 394	333
	\$1,000.....	1 165 074	501 711	607 470	55 894	950 587	333 679	568 242	48 666
Average per farm.....	dollars.....	160 522	126 057	215 720	120 982	195 714	156 656	237 360	146 144
Average per acre.....	dollars.....	655	643	676	568	624	587	657	543
<b>Farms by value of land and buildings:</b>									
\$1 to \$19,999.....		200	152	13	35	80	50	5	25
\$20,000 to \$39,999.....		704	519	112	73	197	137	42	18
\$40,000 to \$69,999.....		1 076	629	362	85	537	255	238	44
\$70,000 to \$99,999.....		1 031	718	242	71	541	290	180	71
\$100,000 to \$149,999.....		1 221	658	492	71	917	459	398	60
\$150,000 to \$199,999.....		1 169	696	437	36	896	442	418	36
\$200,000 to \$499,999.....		1 569	541	949	79	1 425	453	905	67
\$500,000 to \$999,999.....		240	48	182	10	219	28	181	10
\$1,000,000 or more.....		48	19	27	2	45	16	27	2
<b>Owned and rented land by operator:</b>									
Land owned.....	farms.....	6 809	4 023	2 780	6	4 511	2 171	2 335	5
	acres.....	1 405 706	812 979	591 690	1 037	1 148 280	574 775	572 983	522
Land rented or leased from others.....	farms.....	3 244	9	2 780	455	2 670	6	2 335	329
	acres.....	386 327	388	295 085	90 854	360 044	198	276 482	83 364
Land rented or leased to others.....	farms.....	531	420	99	12	310	217	83	10
	acres.....	46 643	37 986	7 236	1 421	28 639	21 105	6 640	894
<b>LAND IN FARMS ACCORDING TO USE</b>									
Total cropland.....	farms.....	7 080	3 882	2 763	435	4 740	2 093	2 324	323
	acres.....	858 808	338 888	469 269	50 651	762 230	265 590	449 037	47 603
Harvested cropland.....	farms.....	6 568	3 548	2 653	367	4 602	2 028	2 274	300
	acres.....	579 014	214 804	330 260	33 950	532 016	181 178	318 975	31 863
<b>Farms by acres harvested:</b>									
1 to 49 acres.....		3 016	2 147	742	127	1 245	750	419	76
50 to 99 acres.....		1 422	695	614	113	1 254	580	574	100
100 to 199 acres.....		1 383	498	803	82	1 357	490	788	79
200 to 499 acres.....		693	198	451	44	692	198	450	44
500 to 999 acres.....		51	10	40	1	51	10	40	1
1,000 to 1,999 acres.....		2	-	2	-	2	-	2	-
2,000 acres or more.....		1	-	1	-	1	-	1	-
<b>Cropland:</b>									
Pasture or grazing only.....	farms.....	4 782	2 384	2 094	304	3 252	1 265	1 757	230
	acres.....	253 140	107 712	129 691	15 737	211 756	75 160	121 734	14 862
Cover crops, legumes, and soil-improvement grasses not harvested or pastured.....	farms.....	291	171	99	21	190	81	90	19
	acres.....	5 332	3 301	1 816	215	3 669	1 699	1 759	211
On which all crops failed.....	farms.....	111	57	45	9	91	42	41	8
	acres.....	1 828	(D)	1 041	(D)	1 576	(D)	1 031	(D)
In cultivated summer fallow.....	farms.....	109	55	53	1	76	34	41	1
	acres.....	1 977	(D)	1 392	(D)	1 718	(D)	1 288	(D)
Idle.....	farms.....	613	395	193	25	350	187	144	19
	acres.....	17 517	11 892	5 069	556	11 495	6 770	4 250	475
Total woodland.....	farms.....	5 507	3 029	2 229	249	3 928	1 725	1 998	205
	acres.....	696 460	350 005	315 360	31 095	560 516	230 490	301 989	28 037
Woodland pastured.....	farms.....	2 306	1 114	1 079	113	1 918	805	1 011	102
	acres.....	168 042	76 116	84 175	7 751	151 110	61 410	82 483	7 217
Woodland not pastured.....	farms.....	4 527	2 516	1 808	203	3 135	1 357	1 613	165
	acres.....	528 418	273 889	231 185	23 344	409 406	169 080	219 506	20 820
Pastureland and rangeland other than cropland and woodland pastured.....	farms.....	1 642	825	721	96	1 238	517	640	81
	acres.....	116 543	47 238	62 742	6 563	102 499	35 482	61 580	5 437
Land in house lots, ponds, roads, wasteland, etc.....	farms.....	4 217	2 411	1 626	180	2 730	1 251	1 341	138
	acres.....	73 579	39 250	32 168	2 161	54 440	22 306	30 219	1 915
Pastureland, all types.....	farms.....	6 125	3 173	2 574	378	4 246	1 772	2 184	290
	acres.....	537 725	231 066	276 608	30 051	465 365	172 052	265 797	27 516
Irrigated land.....	farms.....	108	72	31	5	88	53	30	5
	acres.....	1 586	881	660	45	1 531	828	658	45
Harvested cropland irrigated.....	farms.....	95	61	29	5	76	43	28	5
	acres.....	1 313	646	622	45	1 260	595	620	45
Pastureland irrigated.....	farms.....	13	10	3	-	12	9	3	-
	acres.....	259	(D)	(D)	-	258	(D)	(D)	-
Other land irrigated.....	farms.....	4	3	1	-	3	2	1	-
	acres.....	14	(D)	(D)	-	13	(D)	(D)	-
Land set aside in the federal farm programs in 1978.....	farms.....	113	35	76	2	105	27	76	2
	acres.....	1 889	(D)	1 387	(D)	1 708	(D)	1 387	(D)
<b>RACE AND TENURE OF OPERATOR</b>									
All operators.....	number.....	7 258	4 023	2 780	455	4 835	2 171	2 335	329
Full owners.....	number.....	4 023	4 023	-	-	2 171	2 171	-	-
Part owners.....	number.....	2 780	-	2 780	-	2 335	-	2 335	-
Tenants.....	number.....	455	-	-	455	329	-	-	329
White.....	number.....	7 235	4 009	2 771	455	4 822	2 159	2 334	329
Full owners.....	number.....	4 009	4 009	-	-	2 159	2 159	-	-
Part owners.....	number.....	2 771	-	2 771	-	2 334	-	2 334	-
Tenants.....	number.....	455	-	-	455	329	-	-	329
Black and other races.....	number.....	23	14	9	-	13	12	1	-
Full owners.....	number.....	14	14	-	-	12	12	-	-
Part owners.....	number.....	9	-	9	-	1	-	1	-
Tenants.....	number.....	-	-	-	-	-	-	-	-

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
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family.....farms.....	6 572	3 710	2 465	397	4 239	1 930	2 032	277
Partnership.....farms.....	1 478	675 435	729 274	73 407	1 228 906	468 300	693 991	66 615
.....acres.....	511	226	244	41	441	171	233	37
.....acres.....	188 748	67 793	108 532	12 423	176 853	57 863	107 223	11 767
Corporations:								
Family held.....farms.....	125	59	55	11	118	54	55	9
.....acres.....	59 679	20 625	35 345	3 709	58 442	19 418	35 345	3 679
More than 10 stockholders.....farms.....	4	2	2	—	3	1	2	—
10 or less stockholders.....farms.....	121	57	53	11	115	53	53	9
Other than family held.....farms.....	20	10	9	1	20	10	9	1
.....acres.....	9 735	5 306	(D)	(D)	9 735	5 306	(D)	(D)
More than 10 stockholders.....farms.....	1	1	—	—	1	1	—	—
10 or less stockholders.....farms.....	19	9	9	1	19	9	9	1
Other—cooperative, estate or trust, etc.....farms.....	30	18	7	5	17	6	6	5
.....acres.....	9 112	6 222	(D)	(D)	5 749	2 981	(D)	(D)
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated.....	6 363	3 438	2 568	357	4 214	1 795	2 161	258
Not on farm operated.....	484	284	117	83	320	173	89	58
Operators by age group:								
Under 25 years.....	159	49	53	57	112	37	32	43
25 to 34 years.....	1 159	406	571	182	818	198	477	143
35 to 44 years.....	1 756	992	665	99	1 041	425	541	75
45 to 54 years.....	1 780	967	735	78	1 259	596	624	39
55 to 64 years.....	1 394	827	543	24	1 016	500	498	18
65 years and over.....	1 010	782	213	15	589	415	163	11
Average age.....	48.3	51.1	46.1	37.1	48.1	51.8	46.4	35.9
Operators by sex:								
Male.....	6 666	3 561	2 667	438	4 593	2 009	2 259	325
Female.....	592	462	113	17	242	162	76	4
Operators of Spanish origin.....	35	22	13	—	20	9	11	—
Operators by principal occupation:								
Farming.....	4 564	2 081	2 160	323	3 903	1 552	2 067	284
Other.....	2 694	1 942	620	132	932	619	268	45
Operators reporting days of work off farm:								
None.....	3 472	1 799	1 457	216	2 887	1 269	1 419	199
1 to 99 days.....	768	371	351	46	581	226	320	35
100 to 199 days.....	672	304	317	51	386	125	234	27
200 days or more.....	2 095	1 404	558	133	762	432	269	61
<b>FARMS BY SIZE</b>								
1 to 9 acres.....	316	238	15	63	111	98	5	8
10 to 49 acres.....	862	564	236	62	241	147	65	29
50 to 69 acres.....	362	236	106	20	133	86	34	13
70 to 99 acres.....	580	434	125	21	194	119	56	19
100 to 139 acres.....	897	540	304	53	523	226	253	44
140 to 179 acres.....	656	454	173	29	403	237	140	26
180 to 219 acres.....	579	337	203	39	444	230	185	29
220 to 259 acres.....	525	259	239	27	456	201	230	25
260 to 499 acres.....	1 680	697	882	101	1 571	602	873	96
500 to 999 acres.....	681	226	417	38	648	194	416	38
1,000 to 1,999 acres.....	111	31	78	2	104	26	76	2
2,000 acres or more.....	9	7	2	—	7	5	2	—
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION (SEE TEXT)</b>								
Cash grain farms (011).....	13	6	5	2	9	3	4	2
Field crop, except cash grain farms (013).....	1 033	824	186	23	471	351	103	17
Cotton farms (0131).....	—	—	—	—	—	—	—	—
Tobacco farms (0132).....	—	—	—	—	—	—	—	—
Sugar crop, Irish potato, hay, peanut, and other field crop farms (0133, 0134, 0139).....	1 033	824	186	23	471	351	103	17
Vegetable and melon farms (016).....	102	67	17	18	62	34	12	16
Fruit and tree nut farms (017).....	166	137	27	2	85	65	18	2
Horticultural specialty farms (018).....	164	135	25	4	104	76	25	3
General farms, primarily crop (019).....	301	176	89	36	14	8	6	—
Livestock farms, except dairy, poultry, and animal specialty (021).....	1 656	1 119	426	111	634	382	211	41
Beef cattle farms, except feedlots (0212).....	1 086	714	293	79	494	311	147	36
Dairy farms (024).....	3 198	1 155	1 794	249	3 185	1 151	1 792	242
Poultry and egg farms (025).....	84	68	16	—	40	35	5	—
Animal specialty farms (027).....	322	256	59	7	78	48	77	3
General farms, primarily livestock (029).....	219	80	136	3	153	18	132	3
<b>VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Market value of agricultural products sold.....farms.....	7 258	4 023	2 780	455	4 835	2 171	2 335	329
.....\$1,000.....	273 488	96 937	161 257	15 294	271 309	95 200	160 876	15 233
Farms by value of agricultural products sold:								
\$500,000 or more.....	11	2	8	1	11	2	8	1
\$200,000 to \$499,999.....	124	31	88	5	124	31	88	5
\$100,000 to \$199,999.....	632	207	400	25	632	207	400	25
\$40,000 to \$99,999.....	1 670	609	938	123	1 670	609	938	123
\$20,000 to \$39,999.....	725	326	340	59	725	326	340	59
\$10,000 to \$19,999.....	476	282	152	42	476	282	152	42
\$5,000 to \$9,999.....	455	276	144	35	455	276	144	35
\$2,500 to \$4,999.....	742	438	265	39	742	438	265	39
Less than \$2,500.....	2 423	1 852	445	126	(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 forms				Farms with sales of \$2,500 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>VALUE OF PRODUCTS SOLD—Con.</b>								
Market value of agricultural products sold—Con.								
Grain	63	28	30	5	57	24	28	5
forms	—	—	—	—	—	—	—	—
\$1,000	276	(D)	131	(D)	273	(D)	131	(D)
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Cotton and cottonseed	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Commodity Credit Corporation loans	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Tobacco	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Sales of \$40,000 or more	—	—	—	—	—	—	—	—
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Field seeds, hay, forage, and silage	1 669	1 068	550	51	1 036	541	451	44
forms	7 203	4 539	2 488	176	6 466	3 894	2 403	169
\$1,000	18	10	8	—	18	10	8	—
forms	1 219	666	553	—	1 219	666	553	—
\$1,000	279	174	82	23	175	87	67	21
forms	1 153	395	606	152	1 099	350	598	151
\$1,000	6	1	4	1	6	1	4	1
forms	431	(D)	(D)	(D)	431	(D)	(D)	(D)
Fruits, nuts, and berries	219	160	45	14	145	92	40	13
forms	6 102	3 162	2 502	437	6 061	3 125	2 499	437
\$1,000	38	26	10	2	38	26	10	2
forms	5 427	2 670	(D)	(D)	5 427	2 670	(D)	(D)
\$1,000	206	157	41	8	140	94	39	7
forms	2 268	1 651	501	116	2 174	1 560	500	113
\$1,000	17	12	4	1	17	12	4	1
forms	1 189	815	(D)	(D)	1 189	815	(D)	(D)
\$1,000	83	51	30	2	55	29	25	1
forms	449	(D)	401	(D)	441	(D)	399	(D)
\$1,000	4	—	4	—	4	—	4	—
forms	356	—	356	—	356	—	356	—
\$1,000	—	—	—	—	—	—	—	—
Poultry and poultry products	464	275	157	32	262	133	114	15
forms	6 259	5 360	893	7	6 224	5 332	887	5
\$1,000	19	16	3	—	19	16	3	—
forms	5 882	5 096	786	—	5 882	5 096	786	—
\$1,000	3 356	1 236	1 859	261	3 300	1 209	1 838	253
forms	218 680	68 773	137 336	12 571	218 654	68 764	137 325	12 565
\$1,000	2 165	718	1 325	122	2 165	718	1 325	122
forms	192 919	58 426	124 800	9 693	192 919	58 426	124 800	9 693
\$1,000	4 852	2 158	2 382	312	4 097	1 632	2 187	278
forms	29 007	11 615	15 709	1 683	28 308	11 126	15 529	1 653
\$1,000	66	29	34	3	66	29	34	3
forms	5 596	2 616	2 765	216	5 596	2 616	2 765	216
\$1,000	—	—	—	—	—	—	—	—
Hogs and pigs	574	376	162	36	228	102	103	23
forms	507	307	150	50	372	197	129	46
\$1,000	—	—	—	—	—	—	—	—
forms	467	318	136	13	174	67	101	6
\$1,000	335	122	203	10	257	71	180	6
forms	—	—	—	—	—	—	—	—
\$1,000	—	—	—	—	—	—	—	—
Other livestock and livestock products (see text)	874	575	272	27	405	156	227	22
forms	1 251	845	336	69	980	620	296	65
\$1,000	2	2	—	—	2	2	—	—
forms	(D)	(D)	—	—	(D)	(D)	—	—
\$1,000	—	—	—	—	—	—	—	—
<b>SELECTED FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Livestock and poultry purchased	3 485	1 565	1 579	341	2 474	942	1 308	224
forms	15 959	5 700	9 070	1 189	15 364	5 469	8 743	1 152
\$1,000	—	—	—	—	—	—	—	—
Farms with expenses of—	—	—	—	—	—	—	—	—
\$1 to \$4,999	2 714	1 281	1 155	278	1 720	667	892	161
\$5,000 to \$19,999	599	213	332	54	590	204	332	54
\$20,000 to \$49,999	142	61	77	4	134	61	69	4
\$50,000 or more	30	10	15	5	30	10	15	5
Feed for livestock and poultry	6 221	3 165	2 630	426	4 350	1 770	2 279	301
forms	85 387	31 330	49 302	4 755	84 073	30 399	48 988	4 686
\$1,000	—	—	—	—	—	—	—	—
Farms with expenses of—	—	—	—	—	—	—	—	—
\$1 to \$4,999	3 068	1 966	894	208	1 211	577	551	83
\$5,000 to \$19,999	1 541	646	763	132	1 527	640	755	132
\$20,000 to \$49,999	1 342	470	797	75	1 342	470	797	75
\$50,000 or more	270	83	176	11	270	83	176	11
Commercially mixed formula feeds	4 972	2 312	2 316	344	3 882	1 543	2 079	260
forms	453 904	165 308	266 046	22 550	450 445	163 025	265 092	22 328
tons	67 039	24 639	38 893	3 507	66 458	24 273	38 720	3 465
\$1,000	—	—	—	—	—	—	—	—
Farms by tons purchased:	—	—	—	—	—	—	—	—
1 to 99 tons	3 334	1 765	1 287	282	2 244	996	1 050	198
100 to 499 tons	1 558	520	977	61	1 558	520	977	61
500 tons or more	80	27	52	1	80	27	52	1
Farms with expenses of—	—	—	—	—	—	—	—	—
\$1 to \$4,999	2 113	1 272	695	146	1 031	503	466	62
\$5,000 to \$19,999	1 686	646	894	146	1 678	646	886	146
\$20,000 to \$49,999	1 000	332	623	45	1 000	332	623	45
\$50,000 or more	173	62	104	7	173	62	104	7

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
<b>SELECTED FARM PRODUCTION EXPENSES<sup>1</sup> — Con.</b>								
Animal health costs..... farms.....	5 277	2 455	2 442	380	4 039	1 597	2 160	282
..... \$1,000.....	3 472	1 222	2 037	212	3 315	1 117	1 993	206
Farms with expenses of—								
\$1 to \$499.....	3 250	1 738	1 239	273	2 045	898	972	175
\$500 to \$999.....	889	331	522	36	873	330	507	36
\$1,000 to \$2,999.....	971	334	575	62	954	317	575	62
\$3,000 or more.....	167	52	106	9	167	52	106	9
Seeds, bulbs, plants, and trees..... farms.....	3 691	1 528	1 962	201	3 143	1 110	1 839	194
..... \$1,000.....	3 346	1 453	1 733	160	3 149	1 273	1 718	158
Farms with expenses of—								
\$1 to \$999.....	2 686	1 150	1 386	150	2 172	766	1 263	143
\$1,000 to \$4,999.....	920	325	546	49	886	291	546	49
\$5,000 to \$9,999.....	66	40	24	2	66	40	24	2
\$10,000 or more.....	19	13	6	—	19	13	6	—
Commercial fertilizer..... farms.....	4 745	2 259	2 170	316	3 803	1 526	2 007	270
..... \$1,000.....	9 489	3 103	5 754	632	9 139	2 814	5 707	618
Farms with expenses of—								
\$1 to \$2,499.....	3 534	1 892	1 409	233	2 592	1 159	1 246	187
\$2,500 to \$9,999.....	1 091	344	675	72	1 091	344	675	72
\$10,000 to \$19,999.....	109	23	75	11	109	23	75	11
\$20,000 or more.....	11	—	11	—	11	—	11	—
Other agricultural chemicals including lime..... farms.....	4 037	1 840	1 983	214	3 281	1 243	1 842	196
..... \$1,000.....	2 803	1 087	1 573	143	2 632	941	1 551	140
Farms with expenses of—								
\$1 to \$2,499.....	3 862	1 778	1 881	203	3 106	1 181	1 740	185
\$2,500 to \$9,999.....	154	54	90	10	154	54	90	10
\$10,000 to \$19,999.....	17	6	10	1	17	6	10	1
\$20,000 or more.....	4	2	2	—	4	2	2	—
Energy and petroleum products..... farms.....	7 236	3 958	2 816	462	4 846	2 119	2 394	333
..... \$1,000.....	15 463	5 799	8 836	828	14 812	5 325	8 683	805
Farms with expenses of—								
\$1 to \$2,499.....	5 012	3 163	1 501	348	2 622	1 324	1 079	219
\$2,500 to \$9,999.....	2 056	751	1 197	108	2 056	751	1 197	108
\$10,000 to \$19,999.....	150	40	104	6	150	40	104	6
\$20,000 or more.....	18	4	14	—	18	4	14	—
Petroleum products..... farms.....	7 224	3 946	2 816	462	4 834	2 107	2 394	333
..... \$1,000.....	9 775	3 631	5 638	506	9 298	3 284	5 529	485
Gasoline..... farms.....	7 020	3 849	2 737	434	4 690	2 052	2 325	313
..... \$1,000.....	5 323	2 075	2 987	260	4 980	1 817	2 919	244
Diesel fuel..... farms.....	3 498	1 464	1 782	252	3 166	1 244	1 698	224
..... \$1,000.....	2 647	869	1 627	151	2 599	847	1 603	150
LP gas, butane, and propane..... farms.....	748	272	443	33	710	239	438	33
..... \$1,000.....	247	95	132	21	239	88	130	21
Fuel oil..... farms.....	816	336	445	35	752	285	437	30
..... \$1,000.....	706	(D)	421	(D)	698	(D)	421	(D)
Natural gas..... farms.....	35	17	17	1	35	17	17	1
..... \$1,000.....	10	(D)	4	(D)	10	(D)	4	(D)
Kerosene, motor oil, and grease..... farms.....	7 224	3 946	2 816	462	4 834	2 107	2 394	333
..... \$1,000.....	841	325	466	50	772	273	452	47
Electricity..... farms.....	5 174	2 484	2 402	288	4 170	1 733	2 179	258
..... \$1,000.....	5 479	2 060	3 105	314	5 335	1 956	3 068	311
Other—coal, wood, coke, etc..... farms.....	473	246	210	17	383	172	194	17
..... \$1,000.....	210	108	93	9	180	85	86	9
Hired farm labor..... farms.....	3 853	1 843	1 829	181	3 297	1 404	1 735	158
..... \$1,000.....	21 322	7 480	12 962	880	20 731	6 999	12 857	874
Farms with expenses of—								
\$1 to \$4,999.....	2 528	1 378	1 016	134	1 977	944	922	111
\$5,000 to \$19,999.....	1 147	427	681	39	1 142	422	681	39
\$20,000 to \$49,999.....	148	29	113	6	148	29	113	6
\$50,000 or more.....	30	9	19	2	30	9	19	2
Workers by number of days worked:								
150 days or more..... farms.....	2 094	822	1 196	76	1 998	759	1 163	76
..... workers.....	4 113	1 462	2 477	174	3 985	1 389	2 422	174
Less than 150 days..... farms.....	2 927	1 463	1 321	143	2 430	1 051	1 259	120
..... workers.....	10 154	5 198	4 461	495	9 079	4 359	4 285	435
Contract labor..... farms.....	444	149	267	28	365	100	253	12
..... \$1,000.....	658	252	389	17	583	221	348	14
Farms with expenses of—								
\$1 to \$2,499.....	373	123	225	25	302	74	219	9
\$2,500 to \$9,999.....	66	24	39	3	58	24	31	3
\$10,000 to \$19,999.....	3	1	2	—	3	1	2	—
\$20,000 or more.....	2	1	1	—	2	1	1	—
Customwork, machine hire, and rental of machinery and equipment..... farms.....	1 709	797	823	89	1 432	575	793	64
..... \$1,000.....	1 296	541	704	51	1 191	449	698	43
Farms with expenses of—								
\$1 to \$2,499.....	1 608	761	763	84	1 339	546	733	60
\$2,500 to \$9,999.....	95	36	55	4	87	29	55	3
\$10,000 to \$19,999.....	6	—	5	1	6	—	5	1
\$20,000 or more.....	—	—	—	—	—	—	—	—
<b>FARM-RELATED INCOME</b>								
Income from machine work, customwork, and other agricultural services..... farms.....	437	172	229	36	317	99	188	30
..... \$1,000.....	431	137	257	37	332	97	202	32
Value of agricultural products sold directly to individuals for human consumption..... farms.....	727	426	258	43	465	228	200	37
..... \$1,000.....	1 895	942	874	79	1 745	831	839	75

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
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment	7 253	3 975	2 816	462	4 857	2 130	2 394	333
\$1,000	224 345	88 905	123 144	12 296	206 233	75 895	118 865	11 474
Farms by value group:								
\$1 to \$4,999	1 052	667	324	61	384	174	189	21
\$5,000 to \$9,999	1 759	1 332	313	114	461	276	141	44
\$10,000 to \$19,999	1 043	577	395	71	760	362	337	61
\$20,000 to \$49,999	1 826	880	802	144	1 703	807	761	135
\$50,000 to \$99,999	1 056	373	643	40	1 032	365	627	40
\$100,000 to \$199,999	455	128	297	30	455	128	297	30
\$200,000 to \$499,999	60	17	41	2	60	17	41	2
\$500,000 or more	2	1	1	-	2	1	1	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Automobiles	4 995	2 670	2 054	271	3 613	1 572	1 828	213
number	6 577	3 403	2 819	355	4 941	2 125	2 519	297
Motortrucks, including pickups	5 595	2 861	2 370	364	3 938	1 583	2 075	280
number	7 817	3 610	3 733	474	5 855	2 148	3 324	383
Wheel tractors	6 522	3 437	2 663	422	4 617	1 962	2 337	318
number	16 271	7 376	7 818	1 077	13 410	5 220	7 271	919
2 or 3	3 065	1 514	1 338	213	2 398	1 002	1 224	172
number	7 673	3 679	3 469	525	6 189	2 561	3 198	430
4 or more	1 358	481	790	87	1 315	458	770	87
number	6 499	2 255	3 814	430	6 317	2 157	3 730	430
Grain and bean combines, self-propelled only	152	77	64	11	149	74	64	11
number	170	80	72	18	166	76	72	18
Cornpickers, corn heads, and picker-shellers	489	192	272	25	468	180	263	25
number	578	236	314	28	557	224	305	28
Corn heads for combines	355	150	186	19	340	143	178	19
number	374	160	195	19	359	153	187	19
Other cornpickers and picker-shellers	181	68	107	6	175	63	106	6
number	204	76	119	9	198	71	118	9
Cottonpickers	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners	3 701	1 496	1 960	245	3 348	1 272	1 854	222
number	4 094	1 655	2 158	281	3 725	1 422	2 046	257
Pickup balers	4 192	1 937	1 994	261	3 418	1 390	1 801	227
number	4 424	2 038	2 105	281	3 636	1 485	1 904	247
Field forage harvesters, shear bar or flywheel type	2 342	868	1 294	180	2 195	786	1 237	172
number	2 787	1 012	1 554	221	2 629	919	1 497	213
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Agricultural chemicals, including commercial fertilizer and lime	5 176	2 501	2 355	320	4 088	1 648	2 166	274
\$1,000	12 292	4 190	7 327	775	11 771	3 755	7 258	759
farms	4 621	2 188	2 145	288	3 736	1 492	1 994	250
Commercial fertilizer	367 785	122 374	221 944	23 467	355 364	112 618	219 549	23 197
acres on which used	2 510	1 030	1 323	157	2 150	772	1 231	147
farms	81 665	27 825	48 783	5 057	77 267	24 750	47 525	4 992
acres on which used	133 423	44 218	80 858	8 347	127 291	39 074	79 940	8 277
tons								
Sprays, dusts, granules, fumigants, etc. to control—								
Insects on hay and other crops	1 146	536	570	40	822	266	516	40
acres on which used	38 294	14 517	22 753	1 024	34 362	11 171	22 167	1 024
farms	130	50	73	7	108	43	58	7
Nematodes in crops	7 369	1 786	4 183	1 400	7 206	1 693	4 113	1 400
acres on which used	382	226	137	19	256	143	94	19
farms	9 848	4 186	4 906	756	9 142	3 759	4 627	756
acres on which used	2 436	1 037	1 264	135	2 174	826	1 223	125
farms	88 853	27 335	56 910	4 608	86 524	25 601	56 435	4 488
acres on which used								
Chemicals for—								
Defoliation or for growth control of crops, or thinning of fruit	203	74	123	6	166	53	107	6
acres on which used	6 764	2 006	4 503	255	6 391	1 859	4 277	255
farms	2 405	1 046	1 234	125	1 982	686	1 181	115
Insect control on livestock and poultry	910	443	405	62	751	322	373	56
farms								
sanitation and rodent and bird control								
<b>LIVESTOCK</b>								
Cattle and calves inventory	5 385	2 479	2 507	399	4 089	1 618	2 183	288
number	325 396	111 933	193 259	20 204	313 270	104 059	190 159	19 052
Farms with—								
1 to 9	1 135	686	385	64	324	130	182	12
10 to 49	1 645	901	587	157	1 166	602	466	98
50 to 99	1 563	591	842	130	1 557	585	842	130
100 to 199	843	244	557	42	843	244	557	42
200 to 499	190	57	127	6	190	57	127	6
500 or more	9	-	9	-	9	-	9	-
Cows and heifers that had calved	4 817	2 196	2 278	343	3 778	1 501	2 007	270
number	197 727	67 407	118 054	12 266	192 909	64 371	116 590	11 948
Beef cows	1 510	821	597	92	765	350	366	49
number	10 788	6 231	3 954	603	7 144	3 961	2 827	356
Farms with—								
1 to 9	1 160	636	455	69	516	218	261	37
10 to 49	333	172	138	23	235	122	101	12
50 to 99	14	11	3	-	11	8	3	-
100 to 199	2	1	1	-	2	1	1	-
200 to 499	1	-	-	-	1	-	-	-
500 or more	-	-	-	-	-	-	-	-

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
<b>LIVESTOCK—Con.</b>								
Cattle and calves inventory—Con.								
Cows and heifers that had calved—Con.								
Milk cows	farms... 3 912	1 666	1 949	297	3 428	1 311	1 863	254
	number... 186 939	61 176	114 100	11 663	185 765	60 410	113 763	11 592
Farms with—								
1 to 4	632	474	111	47	192	143	42	7
5 to 9	82	41	25	16	60	30	17	13
10 to 49	1 603	640	813	150	1 581	627	804	150
50 to 99	1 244	415	763	66	1 244	415	763	66
100 to 199	303	87	201	15	303	87	201	15
200 to 499	45	9	33	3	45	9	33	3
500 or more	3	—	3	—	3	—	3	—
Heifers and heifer calves	farms... 4 525	2 045	2 123	357	3 622	1 439	1 910	273
	number... 113 106	37 662	68 284	7 160	108 066	34 340	67 252	6 474
Steers, steer calves, bulls, and bull calves	farms... 3 105	1 404	1 510	191	2 309	849	1 316	144
	number... 14 563	6 864	6 921	778	12 295	5 348	6 317	630
Cattle and calves sold								
	farms... 4 852	2 158	2 382	312	4 097	1 632	2 187	278
	number... 161 535	61 030	91 150	9 355	158 153	58 605	90 373	9 175
	\$1,000... 29 007	11 615	15 709	1 683	28 308	11 126	15 529	1 653
Calves	farms... 4 031	1 678	2 084	269	3 588	1 364	1 979	245
	number... 109 616	41 073	62 273	6 270	107 805	39 763	61 881	6 161
	\$1,000... 7 042	3 228	3 421	394	6 879	3 110	3 382	387
Cattle	farms... 4 120	1 803	2 041	276	3 510	1 383	1 875	252
	number... 51 919	19 957	28 877	3 085	50 348	18 842	28 492	3 014
	\$1,000... 21 965	8 387	12 288	1 290	21 429	8 016	12 147	1 266
Fattened on grain and concentrates	farms... 400	221	160	19	237	116	108	13
	number... 3 405	1 737	1 542	126	3 116	1 537	1 460	119
	\$1,000... 1 357	636	666	55	1 257	568	638	52
Hogs and pigs inventory								
	farms... 1 069	619	373	77	498	190	264	44
	number... 7 656	4 888	2 369	399	3 960	1 935	1 774	251
Farms with—								
1 to 9	942	544	329	69	429	160	231	38
10 to 49	102	56	38	8	53	20	27	6
50 to 99	10	7	3	—	9	6	3	—
100 to 199	14	11	3	—	6	3	3	—
200 to 499	1	1	—	—	1	1	—	—
500 or more	—	—	—	—	—	—	—	—
Used or to be used for breeding	farms... 502	339	124	39	173	83	72	18
	number... 2 046	1 428	514	104	885	478	341	66
Other	farms... 844	440	351	53	456	173	247	36
	number... 5 610	3 460	1 855	295	3 075	1 457	1 433	185
Hogs and pigs sold								
	farms... 574	376	162	36	228	102	103	23
	number... 10 786	6 925	3 228	633	7 125	3 877	2 740	508
	\$1,000... 507	307	150	50	372	197	129	46
Feeder pigs sold	farms... 277	221	46	10	76	32	36	8
	number... 5 955	4 248	1 467	240	3 311	1 860	1 283	168
	\$1,000... 171	126	39	6	93	55	34	4
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms... 526	354	133	39	180	85	77	18
	number... 1 726	1 166	485	75	892	487	363	42
Dec. 1 and May 31	farms... 422	273	113	36	142	61	65	16
	number... 1 036	703	283	50	491	266	201	24
June 1 and Nov. 30	farms... 230	148	71	11	119	59	51	9
	number... 690	463	202	25	401	221	162	18
Sheep and lambs of all ages inventory								
	farms... 542	357	170	15	208	80	121	7
	number... 8 913	4 077	4 571	265	5 252	1 401	3 701	150
Ewes 1 year old or older	farms... 475	321	141	13	175	71	98	6
	number... 6 111	2 627	3 266	218	3 727	874	2 733	120
Sheep and lambs sold	farms... 278	152	114	12	148	56	87	5
	number... 5 678	2 181	3 331	166	4 362	1 345	2 931	86
Sheep and lambs shorn	farms... 450	308	131	11	166	64	96	6
	number... 7 452	3 481	3 783	188	4 503	1 236	3 151	116
	pounds of wool... 54 756	26 297	26 833	1 626	31 974	9 111	21 925	938
Horses and ponies inventory								
	farms... 1 991	1 054	830	107	1 087	390	621	76
	number... 8 367	4 847	3 158	362	4 741	2 210	2 300	231
Horses and ponies sold	farms... 601	345	237	19	326	111	200	15
	number... 1 622	989	408	225	948	439	290	219
	\$1,000... 901	593	249	58	658	394	210	54
Goats inventory	farms... 418	376	38	4	54	32	20	2
	number... 2 192	1 979	181	32	439	304	(D)	(D)
Goats sold	farms... 180	173	6	1	24	21	3	—
	number... 1 033	960	(D)	(D)	245	216	29	—
	\$1,000... 29	26	(D)	(D)	14	12	2	—
<b>POULTRY</b>								
Chickens 3 months old or older inventory								
	farms... 1 213	763	388	62	589	273	280	36
	number... 531 152	455 659	74 345	1 148	519 054	446 265	71 970	819
Farms with—								
1 to 399	1 181	741	378	62	557	251	270	36
400 to 3,199	17	10	7	—	17	10	7	—
3,200 to 9,999	4	4	—	—	4	4	—	—
10,000 to 19,999	5	3	2	—	5	3	2	—
20,000 to 49,999	5	4	1	—	5	4	1	—
50,000 to 99,999	—	—	—	—	—	—	—	—
100,000 or more	1	1	—	—	1	1	—	—
Hens and pullets of laying age	farms... 1 196	751	383	62	576	264	276	36
	number... 503 937	429 451	73 365	1 121	492 715	420 685	71 219	811
Pullets 3 months old or older not of laying age	farms... 140	86	50	4	69	36	30	3
	number... 27 215	26 208	980	27	26 339	25 580	751	8

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
<b>POULTRY—Con.</b>								
Chickens 3 months old or older sold	farms... 154	94	56	4	91	52	37	2
	number... 412 196	364 175	47 941	80	409 805	362 434	(D)	(D)
Broilers and other meat-type chickens sold	farms... 65	36	26	3	36	12	22	2
	number... 6 375	4 727	1 416	232	4 817	3 449	(D)	(D)
Farms with—								
1 to 1,999	65	36	26	3	36	12	22	2
2,000 to 59,999	—	—	—	—	—	—	—	—
60,000 to 99,999	—	—	—	—	—	—	—	—
100,000 or more	—	—	—	—	—	—	—	—
Turkey hens kept for breeding	farms... 27	17	8	2	12	3	7	2
	number... 81	54	(D)	(D)	32	12	(D)	(D)
Turkeys sold	farms... 30	15	13	2	19	8	10	1
	number... 11 121	10 111	(D)	(D)	11 034	10 043	(D)	(D)
<b>CROPS HARVESTED</b>								
Corn for all purposes	farms... 2 271	772	1 366	133	2 137	679	1 328	130
	acres... 101 982	30 793	65 445	5 744	100 852	30 074	65 054	5 724
Oats for grain	farms... 135	65	59	11	113	48	54	11
	acres... 3 366	1 193	1 468	705	3 254	1 093	1 456	705
Irrigated	bushels... 147 097	56 823	68 166	22 108	143 582	53 616	67 858	22 108
	farms... —	—	—	—	—	—	—	—
	acres... —	—	—	—	—	—	—	—
Irish potatoes	farms... 119	73	42	4	77	39	35	3
	acres... 700	96	602	2	672	78	593	2
Irrigated	hundredweight... 126 834	8 208	118 216	410	124 193	6 248	117 595	350
	farms... 11	10	1	—	2	1	1	—
	acres... 13	(D)	(D)	—	(D)	(D)	(D)	—
Farms by acres harvested:								
0.1 to 0.9 acres	82	56	23	3	50	29	19	2
1.0 to 4.9 acres	22	11	10	1	14	5	8	1
5.0 to 24.9 acres	9	5	4	—	7	4	3	—
25.0 to 99.9 acres	3	1	2	—	3	1	2	—
100.0 acres or more	3	—	3	—	3	—	3	—
Hay crops (see text)	farms... 5 953	3 041	2 571	341	4 331	1 841	2 213	277
	acres... 492 192	186 119	277 331	28 742	448 081	155 226	266 159	26 696
Irrigated	tons, dry... 876 374	325 056	506 739	44 579	826 496	289 021	494 624	42 851
	farms... 11	5	5	1	11	5	5	1
	acres... 264	124	(D)	(D)	264	124	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	1 255	809	390	56	453	207	227	19
25 to 99 acres	2 884	1 644	1 064	176	2 091	1 054	885	152
100 to 499 acres	1 785	580	1 096	109	1 758	572	1 080	106
500 acres or more	29	8	21	—	29	8	21	—
Alfalfa hay	farms... 2 050	913	1 028	109	1 776	707	966	103
	acres... 98 979	39 964	54 247	4 768	93 693	36 126	53 074	4 493
Irrigated	tons, dry... 219 212	86 845	124 269	8 098	212 387	81 665	122 798	7 924
	farms... 1	1	—	—	1	1	—	—
	acres... (D)	(D)	—	—	(D)	(D)	—	—
All vegetables harvested for sale (see text)	farms... 279	174	82	23	175	87	67	21
	acres... 1 593	572	873	147	1 426	425	858	143
Irrigated	farms... 31	23	6	2	19	12	5	2
	acres... 306	68	(D)	(D)	288	51	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres	211	142	57	12	109	57	42	10
5.0 to 24.9 acres	56	30	16	10	54	28	16	10
25.0 to 99.9 acres	10	2	7	1	10	2	7	1
100.0 acres or more	2	—	2	—	2	—	2	—
Land in orchards	farms... 392	342	36	14	127	92	28	7
	acres... 6 473	4 754	1 413	307	4 308	2 661	1 358	289
Irrigated	farms... 9	8	1	—	5	4	1	—
	acres... 212	(D)	(D)	—	186	(D)	(D)	—
Farms by acres in orchards:								
0.1 to 4.9 acres	137	113	12	12	45	28	12	5
5.0 to 24.9 acres	215	200	15	—	42	35	7	—
25.0 to 99.9 acres	29	23	5	1	29	23	5	1
100.0 acres or more	11	6	4	1	11	6	4	1
Apples	farms... 389	339	36	14	125	90	28	7
	total acres... 6 410	4 709	1 397	303	4 267	2 635	1 342	289
	pounds... 50 012 866	29 915 715	16 033 601	4 063 550	49 399 591	29 311 900	16 031 141	4 056 550

<sup>1</sup>1978 data are based on a sample of farms; see text.