

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

	Farms		1978							
	1978	1974	Farms with harvested cropland			Farms with irrigated land				
			Acres in farms	Farms	Acres in farms	Harvested cropland	Farms	Acres in farms	Harvested cropland	Irrigated land
All farms	875	824	100 126	819	95 274	22 136	31	5 306	1 378	153
Farms with—										
1 to 9 acres	131	136	565	117	526	333	3	15	8	6
10 to 49 acres	219	203	5 690	204	5 312	1 250	8	198	90	25
50 to 69 acres	84	74	4 931	80	4 709	964	2	(D)	(D)	(D)
70 to 99 acres	93	83	7 921	88	7 499	1 524	2	(D)	(D)	(D)
100 to 139 acres	89	100	10 347	82	9 508	1 918	4	499	105	13
140 to 179 acres	70	66	10 885	68	10 585	2 569	—	—	—	—
180 to 219 acres	61	42	12 083	58	11 480	3 371	2	(D)	(D)	(D)
220 to 259 acres	37	37	8 915	33	7 966	1 588	1	(D)	(D)	(D)
260 to 499 acres	68	66	22 408	67	22 026	5 400	7	2 190	765	69
500 to 999 acres	22	16	(D)	21	(D)	(D)	2	(D)	(D)	(D)
1,000 to 1,999 acres	1	—	(D)	1	(D)	(D)	—	—	—	—
2,000 acres or more	—	—	—	—	—	—	—	—	—	—

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Land in farms	875	100 126	824	89 783	748	95 832	634	83 353
Harvested cropland	819	22 136	759	19 116	708	21 637	620	18 433
Tenure of operator:								
Full owners	604	58 189	583	53 979	492	54 693	420	48 790
Harvested cropland	556	11 736	(NA)	10 097	458	11 317	(NA)	9 551
Part owners	112	21 811	102	17 916	106	21 279	88	17 267
Harvested cropland	110	4 939	(NA)	4 712	104	4 881	(NA)	4 686
Tenants	159	20 126	139	17 888	150	19 860	126	17 296
Harvested cropland	153	5 461	(NA)	4 307	146	5 439	(NA)	4 196
Type of organization:								
Individual or family	679	69 238	(NA)	(NA)	566	65 563	506	58 450
Partnership	181	27 089	(NA)	(NA)	169	26 682	122	23 006
Corporation	9	2 772	(NA)	(NA)	8	(D)	6	1 897
Other—cooperative, estate or trust, institutional, etc.	6	1 027	(NA)	(NA)	5	(D)	—	—

	All farms		Farms with sales of \$2,500 or more			All farms		Farms with sales of \$2,500 or more	
	1978		1974			1978		1974	
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres
Operators by principal occupation:					Operators by place of residence:				
Farming	488	507	451	441	On farm operated	521	484	437	383
Other	387	310	297	187	Not on farm operated	244	164	219	129
Operators by age group:					Not reported	110	169	92	116
Under 25 years	34	21	26	19	Operators reporting days of work off farm:				
25 to 34 years	87	62	70	42	None	342	238	310	201
35 to 44 years	149	133	130	100	1 to 49 days	79	55	71	48
45 to 54 years	221	197	195	148	50 to 99 days	25	21	21	17
55 to 64 years	191	185	171	144	100 to 149 days	43	31	39	22
65 years and over	193	219	156	175	150 to 199 days	28	22	23	16
Average age	52.1	54.1	52.0	54.3	200 days or more	295	229	232	140

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

Table 5. Selected Farm Production Expenses: 1978 and 1974

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Livestock and poultry purchased	288	1 705	290	876	282	1 693	228	829
Feed for livestock and poultry	528	1 194	490	683	510	1 171	377	642
Commercially mixed formula feeds	110	368	336	323	104	363	267	309
Animal health costs	438	168	(NA)	(NA)	427	167	312	91
Seeds, bulbs, plants, and trees	429	149	378	77	401	148	311	73
Commercial fertilizer	800	494	747	520	696	481	607	495
Other agricultural chemicals including lime	602	139	383	93	550	137	343	91
Hired farm labor	581	1 518	430	820	497	1 488	369	794
Contract labor	96	231	90	120	95	(D)	86	120
Customwork, machine hire, and rental of machinery and equipment	327	158	320	120	312	153	267	112
Energy and petroleum products	864	835	(NA)	(NA)	734	810	(NA)	(NA)
Petroleum products	864	666	749	368	734	645	583	345
Gasoline	843	431	(NA)	(NA)	717	414	545	197
Diesel fuel	354	124	(NA)	(NA)	339	123	202	83
LP gas, butane, and propane	115	20	(NA)	(NA)	98	20	80	8
Fuel oil	18	11	(NA)	(NA)	13	11	—	—
Natural gas	13	6	(NA)	(NA)	13	6	583	57
Kerosene, motor oil, and grease	864	73	(NA)	(NA)	734	70	—	—
Electricity	602	131	(NA)	(NA)	545	127	(NA)	(NA)
Other—coal, wood, coke, etc.	223	38	(NA)	(NA)	217	38	(NA)	(NA)

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

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

	All farms		Farms with sales of \$2,500 or more			
	1978		1978		1974	
	Farms	Acres on which used	Farms	Acres on which used	Farms	Acres on which used
Commercial fertilizer -----	787	10 061	683	9 943	607	9 118
Cropland fertilized, except pasture -----	786	7 575	682	7 457	(NA)	6 483
Pasture and rangeland fertilized -----	59	2 486	59	2 486	(NA)	2 635
Lime -----	238	3 901	217	3 650	79	1 597
Sprays, dusts, granules, fumigants, etc. to control --						
Insects on hay and other crops -----	396	3 768	357	3 701	(NA)	2 493
Nematodes in crops -----	36	741	36	741	4	42
Diseases in crops and orchards -----	11	139	11	139	4	50
Weeds, grass, or brush in crops and pasture -----	194	4 080	193	(D)	(NA)	1 946
Chemicals for --						
Defoliation or for growth control of crops or thinning of fruit -----	100	640	100	640	29	287
Insect control on livestock and poultry -----	321	(X)	302	(X)	44	(X)
Sanitation and rodent and bird control -----	121	(X)	110	(X)	(NA)	(X)

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

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

	All farms				Farms with sales of \$2,500 or more					All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974			1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number		Farms	Number	Farms	Number	Farms	Number	Farms	Number
ALL MACHINERY AND EQUIPMENT	ALL MACHINERY AND EQUIPMENT - Con.																
Estimated market value of all machinery and equipment ----- farms -----	875	699	745	528	Estimated market value of all machinery and equipment - Con				111	72	111	67					
\$1,000 -----	15 124	8 245	14 293	6 960	\$20,000 to \$29,999 -----				74	33	74	31					
Average per farm ----- dollars -----	17 285	11 795	19 185	13 182	\$30,000 to \$49,999 -----				28	11	27	11					
Farms by value group					\$50,000 to \$69,999 -----				44	2	44	2					
\$1 to \$4,999 -----	156	182	133	132	\$70,000 to \$99,999 -----				3	2	3	2					
\$5,000 to \$9,999 -----	249	211	150	121	\$100,000 to \$199,999 -----				2		2						
\$10,000 to \$19,999 -----	208	188	201	164	\$200,000 or more -----												
	1978								1974								
	All farms		Manufactured 1974 to 1978		Manufactured prior to 1974				Farms		Number		Manufactured 1970 to 1974				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
SELECTED MACHINERY AND EQUIPMENT																	
Automobiles -----	565	719	242	271	366	448	522	698	299								
Motortrucks including pickups -----	719	1 142	324	399	501	743	567	810	244								
Wheel tractors -----	807	1 564	204	265	726	1 299	588	1 060	153								
Grain and bean combines, self-propelled only -----	16	16	-	-	16	16	6	6	-								
Corn heads for combines -----	13	23	-	-	13	23	5	7	1								
Other cornpickers and picker-shellers -----	143	144	26	26	117	118	63	64	18								
Cottonpickers -----	-	-	-	-	-	-	(NA)	(NA)	(NA)								
Mower conditioners -----	149	196	46	57	108	139	100	121	41								
Pickup balers -----	285	343	80	91	219	252	228	235	48								
Field forage harvesters, shear bar or flywheel type -----	30	30	12	12	18	18	19	19	4								

Table 8. Hired Farm Workers: 1978 and 1974

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

	Hired workers - All farms, 1978						Any hired workers - Farms with sales of \$2,500 or more	
	Any	Working 150 days or more		Working less than 150 days		1978	1974	
		Farms	Workers	Farms	Workers			
Farms -----	581	99	(X)	551	(X)	497	369	
Workers -----	3 478	(X)	214	(X)	3 264	3 245	2 803	
Farms with --								
1 worker -----	69	56	56	53	53	61	57	
2 workers -----	111	19	38	111	222	66	53	
3 or 4 workers -----	191	13	41	182	620	166	74	
5 to 9 workers -----	116	10	(D)	118	722	111	77	
10 workers or more -----	94	1	(D)	87	1 647	93	108	

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

	All farms				Farms with sales of \$2,500 or more			
	1978		1974		1978		1974	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
LIVESTOCK AND POULTRY								
Inventory:								
Any livestock or poultry	625	(X)	621	(X)	555	(X)	492	(X)
Any cattle, hogs, or sheep	544	(X)	579	(X)	498	(X)	463	(X)
Sales:								
Any livestock or poultry and their products \$1,000...	582	9 196	582	4 347	538	9 146	483	4 224
Any cattle, hogs, or sheep \$1,000...	548	(D)	566	(NA)	512	(D)	471	2 276
CATTLE AND CALVES								
Inventory:								
Cattle and calves	524	24 596	569	27 611	487	24 171	456	25 821
Cows and heifers that had calved	426	11 558	473	12 790	396	11 366	396	11 972
Beef cows	395	10 538	452	12 235	368	10 356	378	11 428
Milk cows	57	1 020	68	555	51	1 010	62	544
Heifers and heifer calves	381	5 028	(NA)	(NA)	359	4 941	298	5 226
Steers, steer calves, bulls and bull calves	459	8 010	(NA)	(NA)	428	7 864	368	8 623
Sales:								
Cattle and calves	529	16 741	551	10 877	500	16 592	461	10 249
\$1,000...	(X)	4 815	(X)	(NA)	(X)	4 781	(X)	1 982
Calves	321	6 389	(NA)	(NA)	303	6 316	223	2 893
\$1,000...	(X)	1 467	(X)	(NA)	(X)	1 452	(X)	382
Cattle	409	10 352	(NA)	(NA)	388	10 276	363	7 356
\$1,000...	(X)	3 348	(X)	(NA)	(X)	3 328	(X)	1 599
Fattened cattle	49	997	(NA)	(NA)	48	(D)	33	584
\$1,000...	(X)	319	(X)	(NA)	(X)	(D)	(X)	127
Dairy products \$1,000...	31	670	(NA)	(NA)	30	(D)	15	282
HOGS, SHEEP, GOATS, AND HORSES								
Inventory:								
Hogs and pigs	115	3 769	127	5 034	100	3 666	114	4 956
Used or to be used for breeding	90	1 021	(NA)	(NA)	80	978	86	814
Other hogs and pigs	97	2 748	(NA)	(NA)	87	2 688	100	4 142
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	95	1 120	111	919	85	1 092	101	885
Dec. 1 of preceding year and May 31	87	589	103	526	78	575	93	500
June 1 and Nov. 30	71	531	75	393	63	517	69	385
Sheep and lambs	6	835	9	1 189	6	835	8	(D)
Ewes 1 year old or older	6	507	(NA)	(NA)	6	507	5	541
Goats	4	22	(NA)	(NA)	3	(D)	—	—
Horses and ponies	184	1 582	175	1 087	159	1 461	126	944
Sales:								
Hogs and pigs	108	6 960	129	6 870	100	6 772	117	6 620
\$1,000...	(X)	378	(X)	(X)	(X)	369	(X)	265
Feeder pigs	56	4 157	62	2 963	54	(D)	57	2 916
\$1,000...	(X)	162	(X)	(X)	(X)	(D)	(X)	72
Sheep and lambs	4	(D)	9	669	4	(D)	8	(D)
Sheep and lambs shorn	4	566	(NA)	(NA)	4	566	6	567
Pounds of wool	(X)	4 057	(X)	(NA)	(X)	4 057	(X)	4 792
Sheep, lambs, and wool \$1,000...	5	(D)	(NA)	(NA)	5	(D)	8	29
Goats	—	—	(NA)	(NA)	—	—	—	—
\$1,000...	(X)	—	(X)	(NA)	(X)	—	(X)	—
Horses and ponies	51	287	41	211	42	262	33	202
\$1,000...	(X)	3 298	(X)	(NA)	(X)	3 293	(X)	1 662
POULTRY								
Inventory:								
Any poultry	95	(X)	146	(X)	78	(X)	107	(X)
Chickens 3 months old or older	87	2 093	140	4 320	70	1 736	104	3 398
Hens and pullets of laying age	84	1 906	130	3 672	68	1 579	96	2 853
Pullets 3 months old or older	13	187	(NA)	(NA)	10	157	7	123
Pullet chicks and pullets under 3 months old	2	(D)	(NA)	(NA)	2	(D)	—	—
Broilers and other meat-type chickens	7	63	9	374	7	63	4	64
Turkeys	1	(D)	(NA)	(NA)	1	(D)	1	(D)
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	1	(D)
Turkey hens kept for breeding	1	(D)	(NA)	(NA)	1	(D)	—	—
Other poultry	13	(X)	(NA)	(X)	12	(X)	5	(X)
Sales:								
Any poultry	7	(X)	7	(X)	6	(X)	5	(X)
Chickens 3 months old or older	3	(D)	7	199	2	(D)	5	(D)
Hens and pullets of laying age	3	(D)	7	199	2	(D)	5	(D)
Pullets 3 months old or older	—	—	(NA)	(NA)	—	—	—	—
Pullet chicks and pullets under 3 months old	—	—	(NA)	(NA)	—	—	—	—
Broilers and other meat-type chickens	1	(D)	—	—	1	(D)	—	—
Turkeys	—	—	(NA)	(NA)	—	—	—	—
Turkeys for slaughter	—	—	(NA)	(NA)	—	—	—	—
Turkey hens kept for breeding	—	—	(NA)	(NA)	—	—	—	—
Other poultry	—	(X)	(NA)	(X)	—	(X)	—	(X)
Poultry and poultry products \$1,000...	13	(D)	26	4	12	(D)	19	3

Table 10. Crops: 1978 and 1974

	All farms						Farms with sales of \$2,500 or more				
	Harvested			Irrigated			Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres		Farms	Acres	Quantity	Farms	Acres
Corn for all purposes	226	4 010	(X)	-	-		213	3 959	(X)	-	-
For grain or seed (bushels)	250	3 630	(X)	(NA)	(NA)		235	3 545	(X)	-	-
For silage or green chop (tons, green)	197	3 047	242 068	-	-		185	(D)	238 713	-	-
For fodder, hogged or grazed	225	2 743	196 292	(NA)	(NA)		214	2 692	192 393	-	-
1978	52	(D)	13 576	-	-		51	(D)	(D)	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)		40	795	12 510	-	-
1978	1	(D)	(X)	-	-		-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)		7	58	(X)	-	-
Sorghums for all purposes	2	(D)	(X)	-	-		2	(D)	(X)	-	-
For grain or seed (bushels)	3	25	(X)	(NA)	(NA)		2	(D)	(X)	-	-
For silage or green chop (tons, green)	1	(D)	(D)	-	-		1	(D)	(D)	-	-
Cut for dry forage or hay (tons, dry)	1	(D)	(D)	(NA)	(NA)		-	-	-	-	-
Hogged or grazed	(NA)	(NA)	(NA)	(NA)	(NA)		1	(D)	(D)	-	-
1978	-	-	-	-	-		2	(D)	(D)	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)		-	-	-	-	-
1978	-	-	(X)	-	-		-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)		-	-	(X)	-	-
Wheat for grain (bushels)	8	108	3 512	-	-		5	103	3 390	-	-
Oats for grain (bushels)	26	354	11 112	(NA)	(NA)		26	354	11 112	-	-
Barley for grain (bushels)	(NA)	(NA)	(NA)	(NA)	(NA)		5	40	1 042	-	-
Rye for grain (bushels)	(NA)	(NA)	(NA)	(NA)	(NA)		2	(D)	(D)	-	-
Other small grains for grain	(NA)	(NA)	(NA)	(NA)	(NA)		8	69	1 261	-	-
1978	-	-	(X)	-	-		-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)		-	-	(X)	-	-
Soybeans for beans (bushels)	1	(D)	(D)	-	-		1	(D)	(D)	-	-
Peanuts for nuts (pounds)	-	-	-	(NA)	(NA)		-	-	-	-	-
Cotton (bales)	-	-	-	(NA)	(NA)		-	-	-	-	-
Tobacco (pounds)	727	3 254	7 262 161	29	148		641	3 177	7 137 535	28	(D)
Irish potatoes (hundredweight)	686	2 827	6 627 256	(NA)	(NA)		582	2 733	6 469 002	9	48
1978	9	14	1 867	-	-		7	(D)	(D)	-	-
1974	24	8	960	(NA)	(NA)		22	(D)	(D)	-	-
Sweetpotatoes (bushels)	-	-	-	-	-		-	-	-	-	-
1978	4	1	96	(NA)	(NA)		4	1	96	-	-
1974	465	15 320	27 573	(NA)	(NA)		437	14 987	27 118	-	-
Hay crops (tons, dry) (see text)	446	12 840	23 124	(NA)	(NA)		404	12 350	22 363	1	(D)
Alfalfa hay (tons, dry)	97	1 603	4 573	-	-		95	(D)	(D)	-	-
Other tame dry hay (tons, dry) (see text)	(NA)	(NA)	(NA)	(NA)	(NA)		62	1 473	3 711	-	-
1978	377	11 206	19 533	-	-		359	11 062	19 319	-	-
1974	-	-	-	-	-		-	-	-	-	-
Field seed crops	1	(D)	(X)	-	-		1	(D)	(X)	-	-
Alfalfa seed (pounds)	(NA)	(NA)	(X)	(NA)	(NA)		6	137	(X)	-	-
Red clover seed (pounds)	(NA)	(NA)	(NA)	(NA)	(NA)		1	(D)	(D)	-	-
1978	1	(D)	(D)	-	-		1	(D)	(D)	-	-
1974	(NA)	(NA)	(NA)	(NA)	(NA)		3	31	2 906	-	-
All vegetables harvested for sale (see text)	14	37	(X)	-	-		12	(D)	(X)	-	-
Sweet corn	8	21	(X)	(NA)	(NA)		7	(D)	(X)	-	-
Tomatoes	7	18	(X)	-	-		6	(D)	(X)	-	-
Green peas excluding cowpeas	(NA)	(NA)	(X)	(NA)	(NA)		5	14	(X)	-	-
1978	3	(D)	(X)	-	-		2	(D)	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)		3	1	(X)	-	-
1978	-	-	(X)	-	-		-	-	(X)	-	-
1974	(NA)	(NA)	(X)	(NA)	(NA)		1	(D)	(X)	-	-
Land in orchards	5	4	(X)	-	-		3	(D)	(X)	-	-
Apples (pounds)	7	47	(X)	(NA)	(NA)		2	(D)	(X)	-	-
Peaches (pounds)	5	3	(D)	(NA)	(NA)		3	(D)	(D)	(NA)	(NA)
Grapes (pounds) (see text)	(NA)	(NA)	(NA)	(NA)	(NA)		(NA)	(D)	(D)	(NA)	(NA)
1978	4	1	(D)	(NA)	(NA)		3	(D)	(D)	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)		(NA)	(D)	(D)	(NA)	(NA)
1978	2	(D)	(D)	(NA)	(NA)		1	(D)	-	(NA)	(NA)
1974	(NA)	(NA)	(NA)	(NA)	(NA)		1	(D)	-	(NA)	(NA)
Berries	5	9	(X)	2	(D)		4	(D)	(X)	1	(D)
Strawberries (pounds)	5	5	(X)	(NA)	(NA)		5	5	(X)	1	(D)
1978	4	9	23 325	2	(D)		3	9	(D)	1	(D)
1974	(NA)	(NA)	(NA)	(NA)	(NA)		5	5	19 000	1	(D)
Nursery and greenhouse products	5	5	(X)	-	-		4	(D)	(X)	-	-
Other crops	2	(D)	(X)	(NA)	(NA)		1	(D)	(X)	(NA)	(NA)