

# 1987

# Census of

# Agriculture

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AC87-A-15

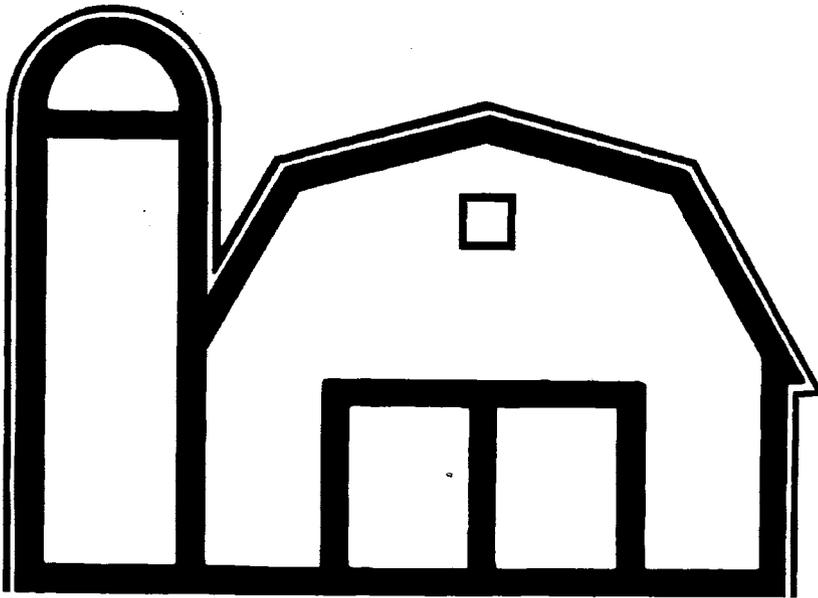
Volume 1  
GEOGRAPHIC AREA SERIES

Part 15

# Iowa

State and County Data

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U.S. Department of Commerce  
BUREAU OF THE CENSUS

# ACKNOWLEDGMENTS

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Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

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# 1987

## Census of Agriculture

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AC87-A-15

Volume 1  
GEOGRAPHIC AREA SERIES

Part 15  
**Iowa**  
State and County Data

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Issued June 1989



U.S. Department of Commerce  
Robert A. Mosbacher, Secretary  
BUREAU OF THE CENSUS

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# INTRODUCTION

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## HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

## USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

## AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every

fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

## FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

## COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

## TABULAR PRESENTATION

**State data**—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

**County data**—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only

counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

## ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

## ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

## SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

## CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of

farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

## INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (IC) Independent city.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- cwt Hundredweight.
- sq ft Square feet.

# Highlights of the State's Agriculture: 1987 and 1982

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text.]

Item	All farms		
	1987	1982	Percent change from 1982 to 1987
Farms.....number.....	105 180	115 413	-8.9
Land in farms.....acres.....	31 638 130	32 611 964	-3.0
Average size of farm.....acres.....	301	283	6.4
Value of land and buildings <sup>1</sup> :			
Average per farm.....dollars.....	283 597	471 011	-39.8
Average per acre.....dollars.....	947	1 684	-43.8
Farms by size:			
1 to 9 acres.....	7 974	7 910	.8
10 to 49 acres.....	10 981	12 322	-10.9
50 to 179 acres.....	27 556	30 959	-11.0
180 to 499 acres.....	39 071	46 259	-15.5
500 to 999 acres.....	15 874	14 858	6.8
1,000 to 1,999 acres.....	3 401	2 796	21.6
2,000 acres or more.....	323	309	4.5
Harvested cropland.....farms.....	92 878	103 644	-10.4
.....acres.....	20 484 178	24 137 670	-15.1
Irrigated land.....farms.....	851	616	38.1
.....acres.....	92 247	91 427	.9
Market value of agricultural products sold.....\$1,000.....	8 926 799	9 828 932	-9.2
Average per farm.....dollars.....	84 872	85 163	-.3
Crops, including nursery and greenhouse crops.....\$1,000.....	3 660 117	4 143 086	-11.7
Grains.....\$1,000.....	3 563 323	4 042 552	-11.9
Cotton and cottonseed.....\$1,000.....	-	-	-
Tobacco.....\$1,000.....	-	-	-
Hay, silage, and field seeds.....\$1,000.....	46 480	57 638	-19.4
Vegetables, sweet corn, and melons.....\$1,000.....	7 541	4 267	76.7
Fruits, nuts, and berries.....\$1,000.....	2 853	2 267	25.8
Nursery and greenhouse crops.....\$1,000.....	38 241	34 954	9.4
Other crops.....\$1,000.....	1 678	1 408	19.2
Livestock, poultry, and their products.....\$1,000.....	5 266 682	5 685 846	-7.4
Poultry and poultry products.....\$1,000.....	192 229	164 052	17.2
Dairy products.....\$1,000.....	392 284	426 730	-8.1
Cattle and calves.....\$1,000.....	2 124 641	2 500 175	-15.0
Hogs and pigs.....\$1,000.....	2 494 231	2 550 488	-2.2
Sheep, lambs, and wool.....\$1,000.....	46 157	26 703	72.9
Other livestock and livestock products (see text).....\$1,000.....	17 139	17 698	-3.2
Farms by type of organization:			
Individual or family (sole proprietorship).....	89 188	97 610	-8.6
Partnership.....	11 088	13 213	-16.1
Corporation.....	4 404	4 110	7.2
Other—cooperative, estate or trust, institutional, etc.....	500	480	4.2
Operators by principal occupation:			
Farming.....	75 279	86 041	-12.5
Other.....	29 901	29 372	1.8
Operators by days worked off farm:			
Any.....	46 229	48 480	-4.6
200 days or more.....	25 928	25 240	2.7
Average age of operator.....years.....	49.3	47.6	3.6
Total farm production expenses <sup>1</sup> .....\$1,000.....	6 647 645	(NA)	(NA)
Selected farm production expenses <sup>1</sup> :			
Livestock and poultry purchased.....\$1,000.....	1 358 161	1 536 601	-11.6
Feed for livestock and poultry.....\$1,000.....	1 101 866	1 214 715	-9.3
Commercial fertilizer <sup>2</sup> .....\$1,000.....	467 355	562 767	-17.0
Agricultural chemicals <sup>2</sup> .....\$1,000.....	309 894	331 924	-6.6
Petroleum products.....\$1,000.....	315 061	536 937	-41.3
Hired farm labor.....\$1,000.....	282 515	222 146	27.2
Interest expense <sup>3</sup> .....\$1,000.....	579 338	1 015 561	-43.0
Livestock and poultry inventory:			
Cattle and calves.....farms.....	49 469	62 412	-20.7
.....number.....	4 303 682	5 822 488	-26.1
Milk cows.....farms.....	7 748	10 485	-26.1
.....number.....	294 888	339 664	-13.2
Hogs and pigs.....farms.....	36 670	45 768	-19.9
.....number.....	12 983 074	14 332 644	-9.4
Chickens 3 months old or older.....farms.....	4 897	7 637	-35.9
.....number.....	9 580 666	9 584 663	(Z)
Selected crops harvested:			
Corn for grain or seed.....farms.....	83 301	92 462	-9.9
.....acres.....	10 147 051	12 880 050	-21.2
Corn for silage or green chop.....farms.....	7 934	17 412	-54.4
.....acres.....	205 176	536 645	-61.8
Wheat for grain.....farms.....	1 345	2 731	-50.8
.....acres.....	31 047	98 688	-68.5
Oats for grain.....farms.....	25 398	35 752	-29.0
.....acres.....	544 907	811 716	-32.9
Soybeans for beans.....farms.....	68 278	73 175	-6.7
.....acres.....	7 903 395	8 044 305	-1.8
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	48 271	56 372	-14.4
.....acres.....	1 968 207	2 035 033	-3.3

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1987 include cost of custom applications.

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse.

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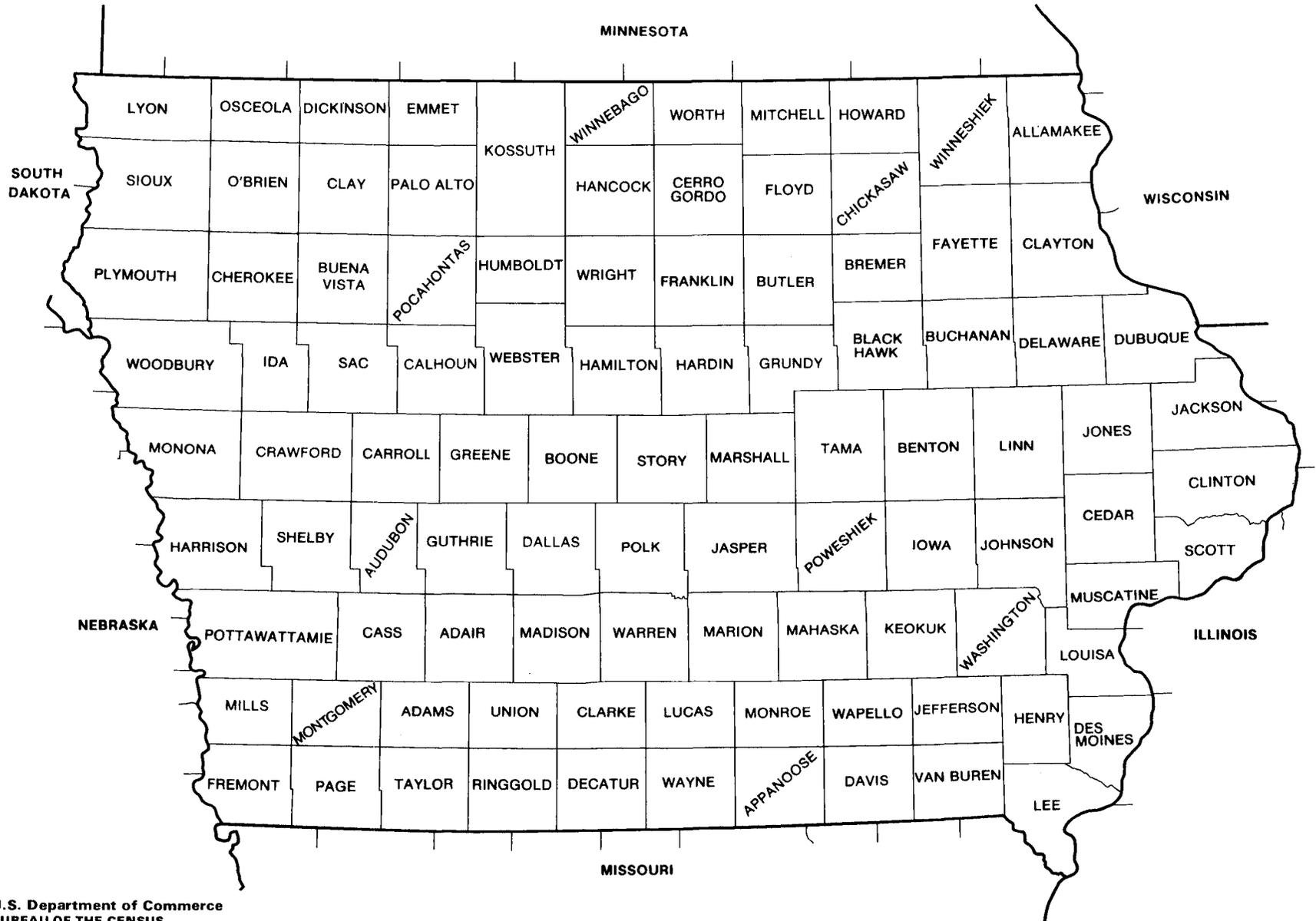


Figure 1. State Map

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Figure 2. **Profile of State's Agriculture: 1987**

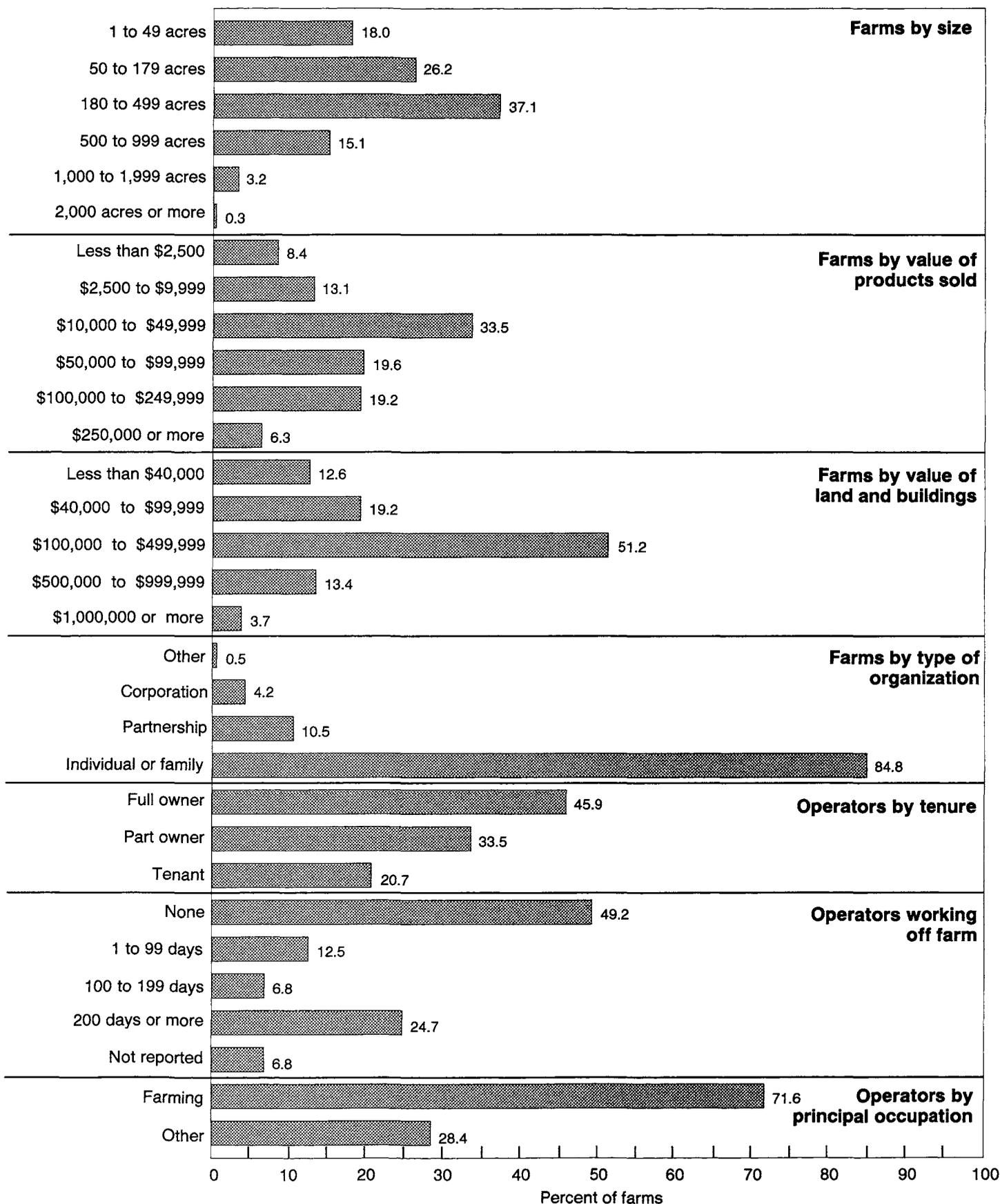


Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

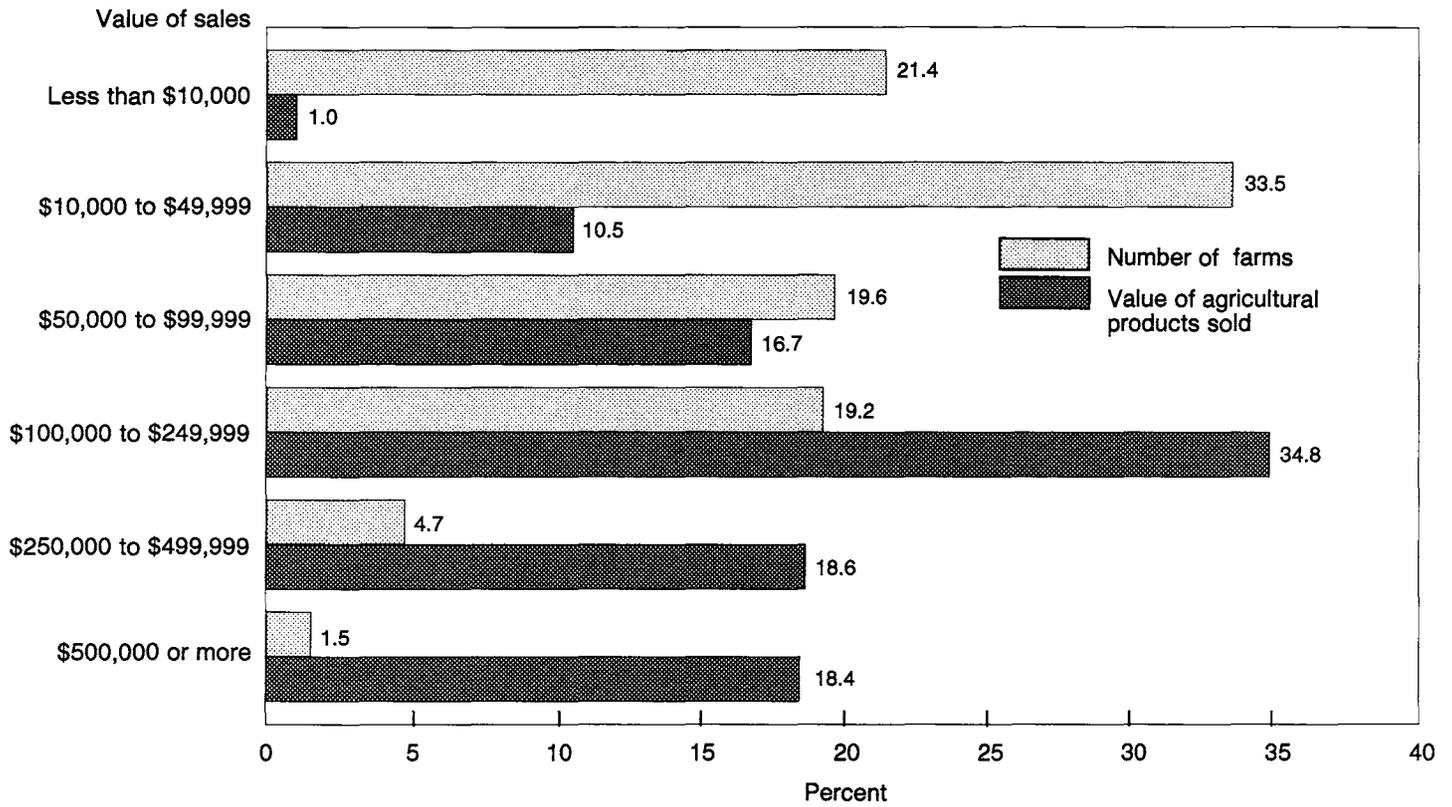


Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

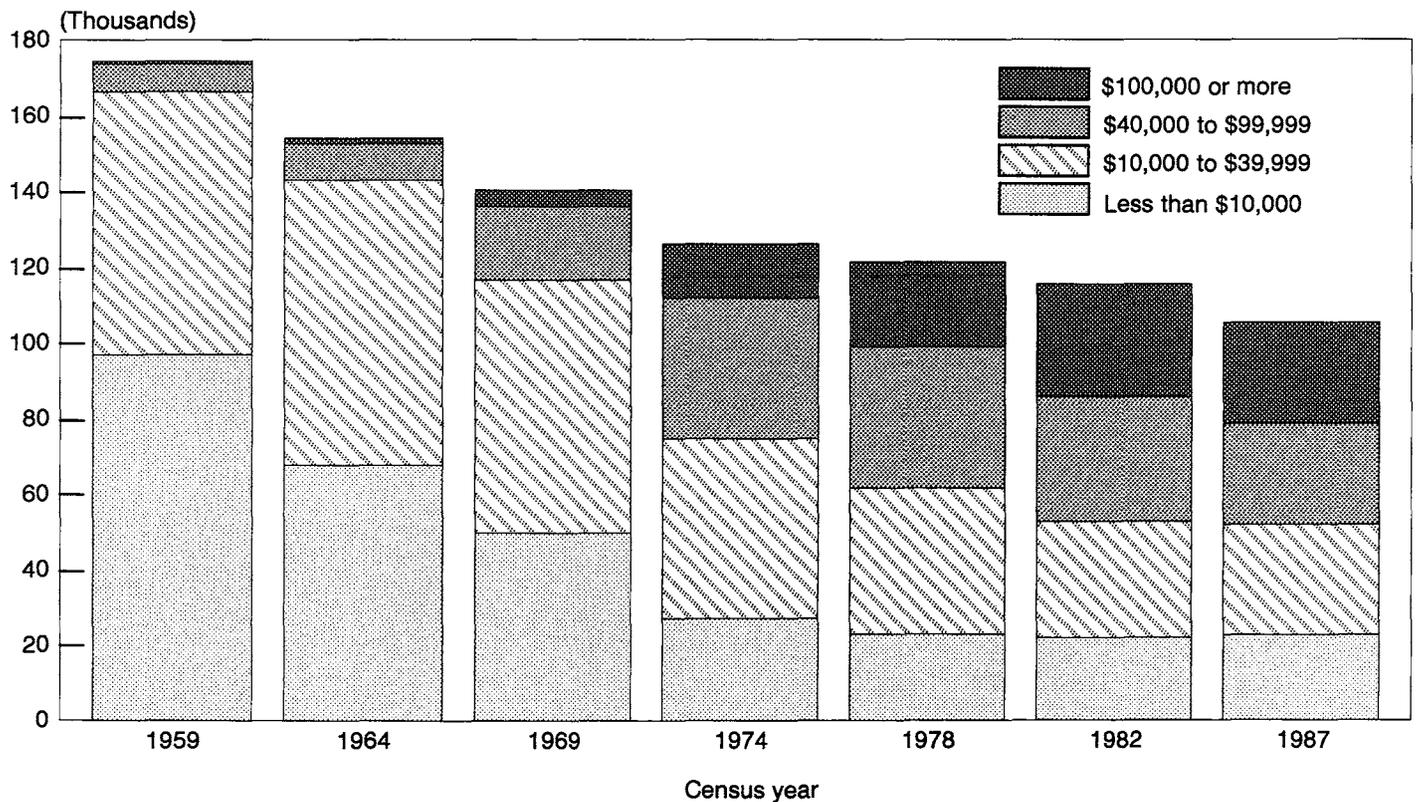


Figure 5. Land Use: 1987

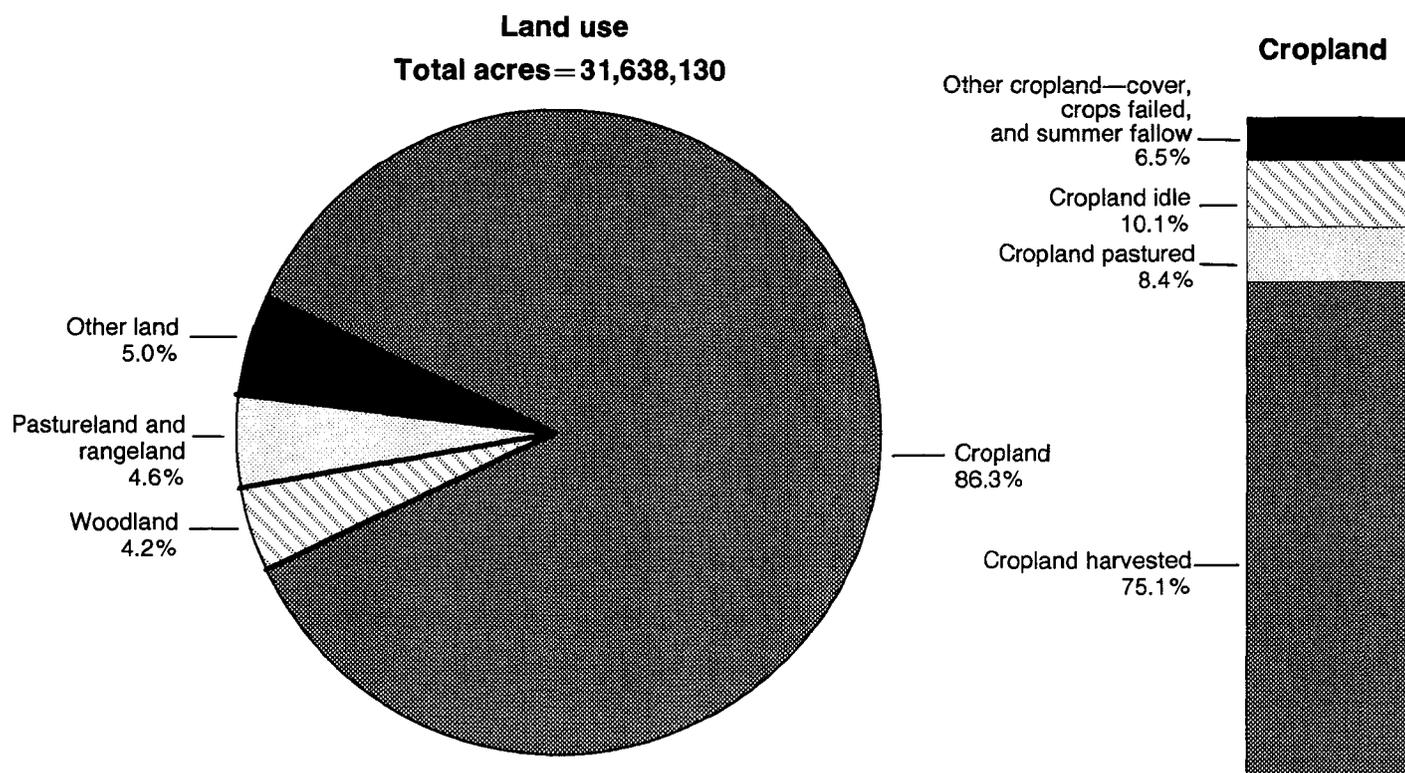


Figure 6. Selected Crops Harvested: 1987

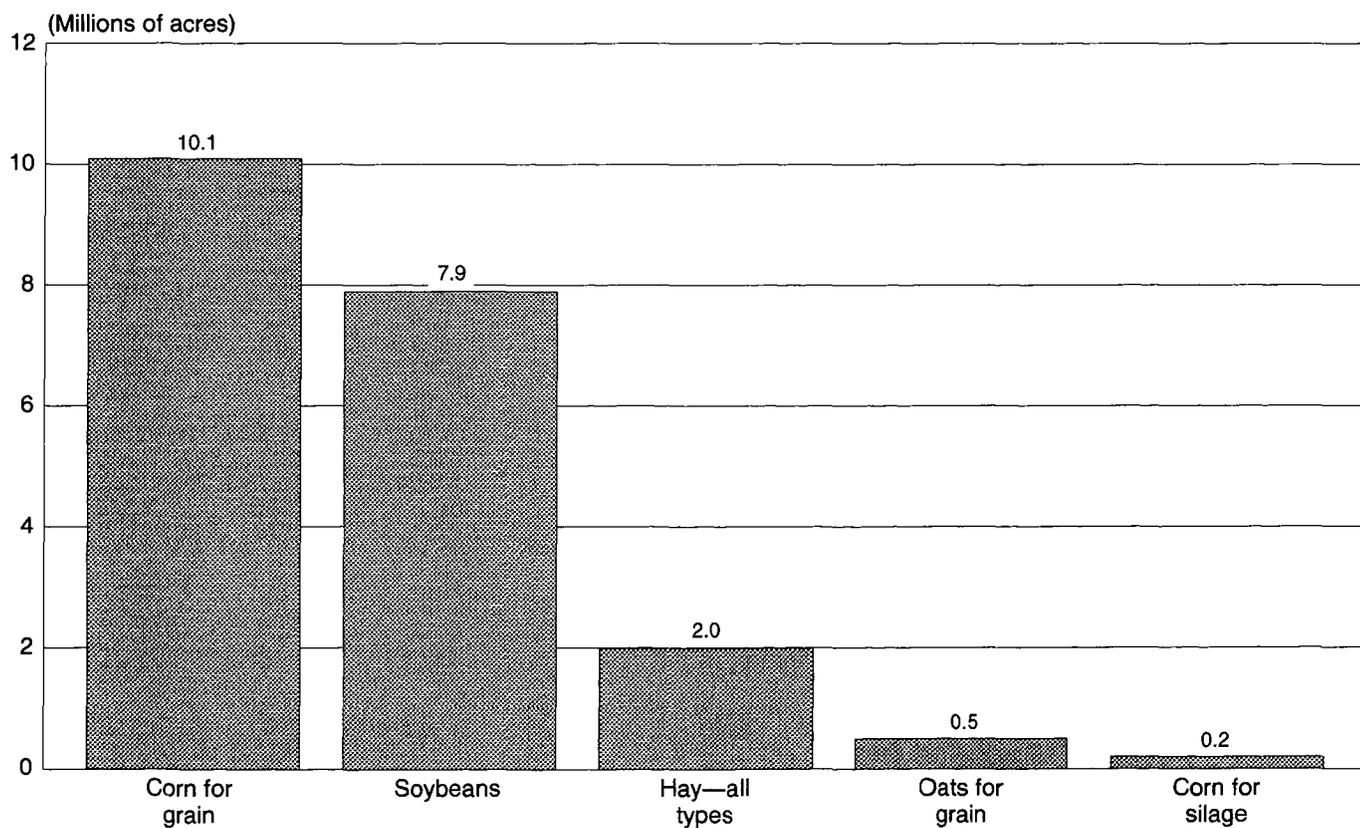


Figure 7. Value of Livestock and Poultry Sold: 1987

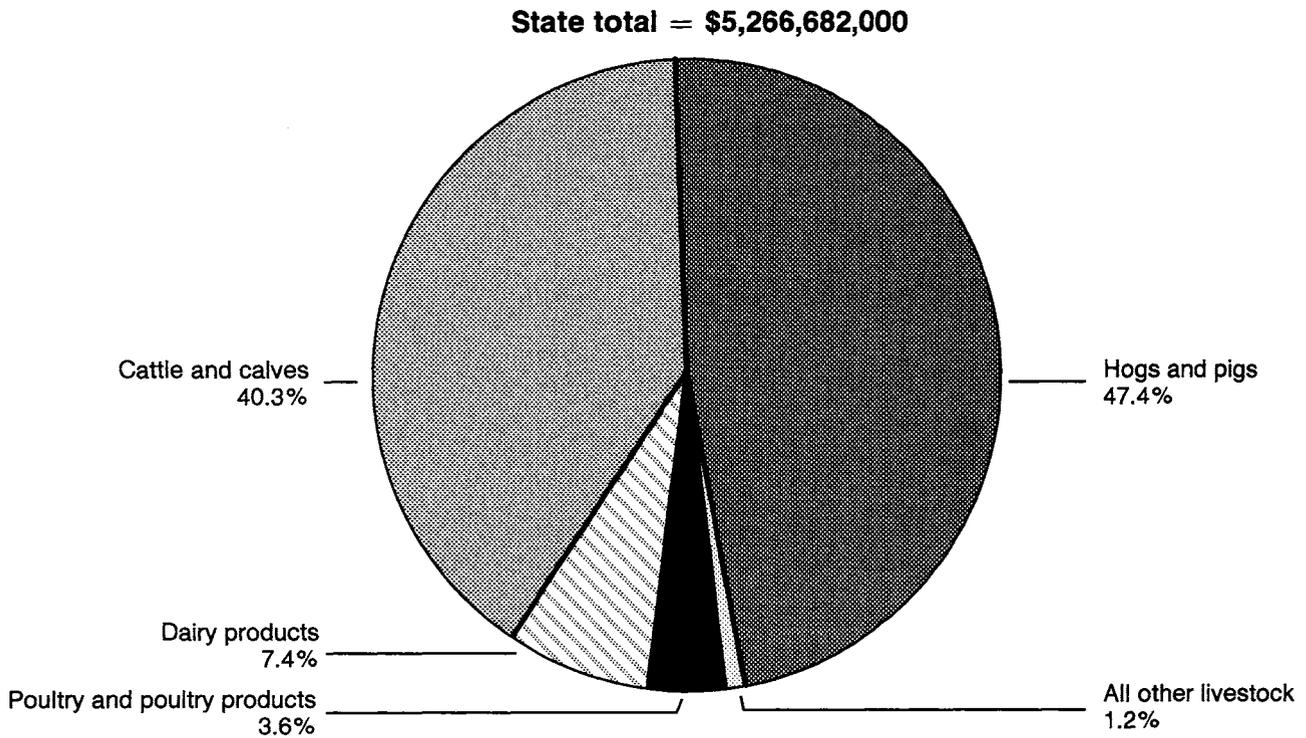
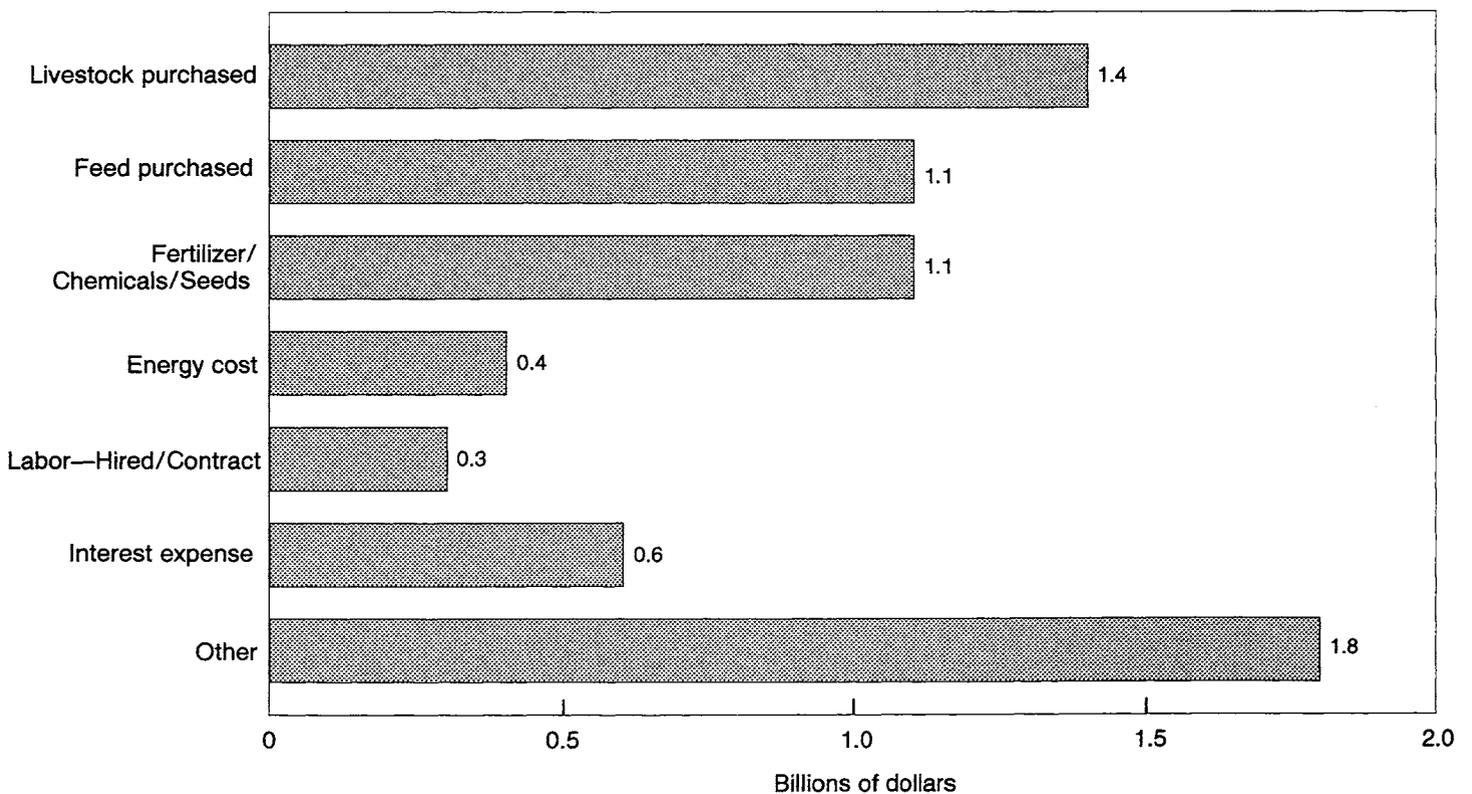


Figure 8. Production Expenses: 1987



**Table 1. Historical Highlights: 1987 and Earlier Census Years**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms.....number..	105 180	115 413	121 339	126 104	140 354	154 162	174 707	192 933
Land in farms.....acres..	31 638 130	32 611 964	33 258 233	33 044 768	33 569 629	33 758 321	33 830 950	34 044 533
Average size of farm.....acres..	301	283	274	262	239	219	194	177
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars..	283 597	471 011	427 161	188 370	93 694	59 553	49 150	35 090
Average per acre.....dollars..	947	1 684	1 548	719	392	272	254	199
Estimated market value of all machinery and equipment <sup>1</sup> .....\$1,000..	5 543 375	6 731 271	5 774 996	3 527 520	1 683 466	(NA)	(NA)	(NA)
Average per farm.....dollars..	52 844	58 398	47 666	28 968	12 290	(NA)	(NA)	(NA)
Farms by size:								
1 to 9 acres.....	7 974	7 910	6 610	5 051	5 637	4 324	5 457	9 138
10 to 49 acres.....	10 981	12 322	11 342	9 841	9 586	11 156	13 727	14 402
50 to 179 acres.....	27 556	30 959	34 898	40 146	48 256	58 301	75 553	93 069
180 to 499 acres.....	39 071	46 259	51 974	56 692	65 998	72 790	75 150	72 769
500 to 999 acres.....	15 874	14 858	14 109	12 578	9 865	6 999	4 475	3 284
1,000 to 1,999 acres.....	3 401	2 796	2 152	1 646	928	532		
2,000 acres or more.....	323	309	254	150	84	60	345	271
Total cropland..... farms..	96 749	106 859	114 391	120 559	134 143	148 055	166 224	183 269
acres.....	27 290 868	27 580 749	28 063 990	27 278 052	27 738 852	26 356 116	26 402 004	25 981 414
Harvested cropland..... farms..	92 878	103 644	111 379	116 863	128 791	143 701	162 116	180 454
acres.....	20 484 178	24 137 670	23 622 212	23 085 329	19 286 658	19 951 672	22 873 407	22 444 290
Irrigated land..... farms..	851	616	739	348	269	291	313	132
acres.....	92 247	91 427	100 770	39 417	20 664	21 528	18 181	2 396
Market value of agricultural products sold <sup>2</sup> .....\$1,000..	8 926 799	9 828 932	8 172 960	6 319 637	3 655 512	2 596 544	2 284 110	1 839 989
Average per farm.....dollars..	84 872	85 163	67 356	50 114	26 044	16 843	13 074	9 537
Crops, including nursery and greenhouse crops.....\$1,000..	3 660 117	4 143 086	3 133 218	2 800 973	886 284	733 378	496 297	451 528
Livestock, poultry, and their products.....\$1,000..	5 266 682	5 685 846	5 039 742	3 517 658	2 768 051	1 861 768	1 787 174	1 388 007
Farms by value of sales <sup>3</sup> :								
Less than \$2,500.....	8 799	8 092	6 721	9 608	17 322	20 654	25 926	36 725
\$2,500 to \$4,999.....	5 498	5 535	6 234	6 399	11 756	15 390	23 547	33 818
\$5,000 to \$9,999.....	8 252	8 230	9 901	11 002	20 543	31 546	47 428	59 884
\$10,000 to \$24,999 <sup>4</sup> .....	17 436	17 531	21 822				77 709	52 164
\$25,000 to \$49,999 <sup>5</sup> .....	17 752	20 458	25 887	84 747	86 346	85 065	-	10 302
\$50,000 to \$99,999.....	20 656	25 735	28 293				-	-
\$100,000 to \$499,999.....	25 157	28 128	21 419	13 822	4 193		-	-
\$500,000 or more.....	1 630	1 660	986	451	132	1 445	-	-
Farms by type of organization:								
Individual or family (sole proprietorship).....	89 188	97 610	103 884	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership.....	11 088	13 213	14 345	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation.....	4 404	4 110	2 668	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.....	500	480	442	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm <sup>6</sup> :								
None.....	51 753	55 958	62 890	56 414	(NA)	(NA)	(NA)	126 087
Any.....	46 229	48 480	51 057	38 253	59 074	53 238	53 793	61 223
200 days or more.....	25 928	25 240	25 073	20 278	24 906	19 192	17 313	15 526
Operators by principal occupation <sup>6</sup> :								
Farming.....	75 279	86 041	92 309	102 163	(NA)	(NA)	(NA)	(NA)
Other.....	29 901	29 372	29 030	22 512	(NA)	(NA)	(NA)	(NA)
Average age of operator <sup>6</sup> .....years..	49.3	47.6	47.5	49.3	48.5	48.5	47.7	47.0
Total farm production expenses <sup>1</sup> .....\$1,000..	6 647 645	(NA)	(NA)	4 276 217	2 790 717	(NA)	(NA)	(NA)
Selected farm production expenses <sup>1</sup> :								
Livestock and poultry purchased.....\$1,000..	1 358 161	1 536 601	1 519 139	1 018 548	888 254	526 204	535 437	(NA)
Feed for livestock and poultry.....\$1,000..	1 101 866	1 214 715	1 033 523	881 383	593 256	443 782	418 340	330 359
Commercial fertilizer <sup>7</sup> .....\$1,000..	467 355	562 767	481 090	394 865	146 486	88 365	(NA)	(NA)
Petroleum products.....\$1,000..	315 061	536 937	293 963	204 875	121 911	106 960	97 190	84 263
Hired farm labor.....\$1,000..	282 515	222 146	192 667	108 412	79 039	57 626	59 060	54 108
Interest expense <sup>8</sup> .....\$1,000..	579 338	1 015 561	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals <sup>7</sup> .....\$1,000..	309 894	331 924	208 549	139 620	56 611	(NA)	(NA)	(NA)
Livestock and poultry:								
Cattle and calves inventory..... farms..	49 469	62 412	69 226	79 851	96 738	124 407	145 351	172 323
number.....	4 303 682	5 822 488	6 531 710	6 658 298	7 020 754	7 284 905	6 479 829	6 062 002
Beef cows..... farms..	32 279	41 117	44 755	52 930	(NA)	65 042	(NA)	(NA)
number.....	1 123 745	1 536 397	1 606 685	1 868 308	1 548 103	1 247 101	961 605	1 014 790
Milk cows..... farms..	7 748	10 485	12 623	18 213	30 005	59 673	92 730	138 142
number.....	294 888	339 664	339 469	399 573	476 844	735 647	830 586	1 041 116
Cattle and calves sold..... farms..	50 509	62 765	70 693	81 011	99 981	123 505	141 538	157 190
number.....	3 539 020	4 595 676	5 457 944	5 018 819	5 954 623	5 142 522	4 481 521	3 413 809
Hogs and pigs inventory..... farms..	36 670	45 768	57 325	59 582	83 251	106 184	134 503	151 508
number.....	12 983 074	14 332 644	14 695 418	11 476 589	13 438 546	13 674 088	14 789 165	13 283 683
Hogs and pigs sold..... farms..	38 638	49 012	60 065	66 336	88 196	108 909	136 844	152 368
number.....	23 483 812	23 801 117	22 082 311	19 359 946	20 826 437	19 872 227	18 589 848	14 101 563
Chickens 3 months old or older inventory <sup>9</sup> ..... farms..	4 897	7 637	10 050	16 038	29 984	73 804	119 149	156 134
number.....	9 580 666	9 584 663	9 343 813	9 816 088	11 154 735	19 503 609	26 700 633	30 128 595
Broilers and other meat-type chickens sold..... farms..	1 060	1 041	1 142	1 337	775	106	163	282
number.....	666 016	429 389	675 938	658 267	474 699	1 906 367	2 553 191	949 715

See footnotes at end of table.

**Table 1. Historical Highlights: 1987 and Earlier Census Years—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	1982	1978	1974	1969	1964	1959	1954
<b>Selected crops harvested:</b>								
Corn for grain or seed ----- farms--	83 301	92 462	100 984	106 135	116 162	133 918	155 167	173 403
acres--	10 147 051	12 880 050	12 664 796	11 865 605	9 480 821	9 612 937	11 997 052	9 781 087
bushels--	1 274 388 346	1 466 953 043	1 389 912 254	930 743 547	912 535 502	734 502 692	779 212 768	529 842 244
Oats for grain ----- farms--	25 398	35 752	39 710	(NA)	(NA)	87 530	127 849	159 178
acres--	544 907	811 716	866 584	(NA)	(NA)	2 233 231	4 207 628	5 912 507
bushels--	30 918 660	45 769 302	49 306 361	(NA)	(NA)	107 339 285	184 086 771	221 524 409
Soybeans for beans ----- farms--	68 278	73 175	78 579	82 952	80 892	88 639	64 374	70 701
acres--	7 903 395	8 044 305	7 420 862	6 905 647	5 175 289	4 173 021	2 332 161	2 109 821
bushels--	326 081 351	291 189 890	265 870 687	190 916 604	165 975 386	116 215 629	62 106 812	55 615 114
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms--	48 271	56 372	64 657	72 217	84 168	(NA)	(NA)	(NA)
acres--	1 968 207	2 035 033	2 285 255	2 259 243	2 269 783	3 201 635	3 564 857	3 913 114
tons, dry--	5 612 944	6 201 756	6 728 686	5 896 261	6 166 678	7 643 516	8 140 050	6 873 489

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1974 and prior years include the value of forest products sold.

<sup>3</sup>Data for 1982 and prior years exclude abnormal farms.

<sup>4</sup>Data for 1959 are for \$10,000 or more.

<sup>5</sup>Data for 1954 are for \$25,000 or more.

<sup>6</sup>Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.

<sup>7</sup>Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

<sup>8</sup>Data for 1982 do not include imputation for item nonresponse.

<sup>9</sup>Data for 1964 and prior years are for chickens 4 months old or older.

**Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987	Percent of total in 1987	1982	1978
Total sales (see text) ----- farms..	105 180	100.0	115 413	121 339
----- \$1,000..	8 926 799	100.0	9 828 932	8 172 960
Average per farm ----- dollars..	84 872	(X)	85 163	67 356
Value of sales <sup>1</sup> :				
Less than \$1,000 (see text) ----- farms..	3 782	3.6	3 219	1 625
----- \$1,000..	1 254	(Z)	1 133	759
\$1,000 to \$2,499 ----- farms..	5 017	4.8	4 873	5 096
----- \$1,000..	8 372	.1	8 192	8 588
\$2,500 to \$4,999 ----- farms..	5 498	5.2	5 535	6 234
----- \$1,000..	20 091	.2	20 187	22 971
\$5,000 to \$9,999 ----- farms..	8 252	7.8	8 230	9 901
----- \$1,000..	60 139	.7	60 106	72 725
\$10,000 to \$19,999 ----- farms..	12 427	11.8	12 276	15 308
----- \$1,000..	182 050	2.0	181 108	225 257
\$20,000 to \$24,999 ----- farms..	5 009	4.8	5 255	6 514
----- \$1,000..	112 042	1.3	117 499	145 362
\$25,000 to \$39,999 ----- farms..	11 756	11.2	13 163	16 809
----- \$1,000..	375 819	4.2	424 231	539 629
\$40,000 to \$49,999 ----- farms..	5 996	5.7	7 295	9 078
----- \$1,000..	267 940	3.0	326 300	405 082
\$50,000 to \$99,999 ----- farms..	20 656	19.6	25 735	28 293
----- \$1,000..	1 493 083	16.7	1 855 005	2 013 008
\$100,000 to \$249,999 ----- farms..	20 200	19.2	22 929	18 161
----- \$1,000..	3 103 103	34.8	3 491 069	2 653 697
\$250,000 to \$499,999 ----- farms..	4 957	4.7	5 199	3 258
----- \$1,000..	1 659 468	18.6	1 745 534	1 089 944
\$500,000 to \$999,999 <sup>2</sup> ----- farms..	1 220	1.2	1 660	986
----- \$1,000..	803 090	9.0	1 592 815	988 401
\$1,000,000 or more ----- farms..	410	.4	-	-
----- \$1,000..	840 349	9.4	-	-
Sales by commodity or commodity group:				
Crops, including nursery and greenhouse crops ----- farms..	83 940	79.8	92 378	99 767
----- \$1,000..	3 660 117	41.0	4 143 086	3 133 218
Grains ----- farms..	81 042	77.1	89 676	96 353
----- \$1,000..	3 563 323	39.9	4 042 552	3 020 845
Corn for grain ----- farms..	72 356	68.8	76 287	(NA)
----- \$1,000..	1 961 527	22.0	2 459 061	(NA)
Wheat ----- farms..	1 188	1.1	2 605	(NA)
----- \$1,000..	2 726	(Z)	8 447	(NA)
Soybeans ----- farms..	68 166	64.8	73 043	(NA)
----- \$1,000..	1 573 168	17.6	1 541 608	(NA)
Sorghum for grain ----- farms..	57	.1	118	(NA)
----- \$1,000..	477	(Z)	812	(NA)
Barley ----- farms..	81	.1	(NA)	(NA)
----- \$1,000..	116	(Z)	(NA)	(NA)
Oats ----- farms..	11 842	11.3	15 064	(NA)
----- \$1,000..	19 604	.2	26 314	(NA)
Other grains <sup>3</sup> ----- farms..	677	.6	486	(NA)
----- \$1,000..	5 705	.1	6 310	(NA)
Cotton and cottonseed ----- farms..	-	-	-	-
----- \$1,000..	-	-	-	-
Tobacco ----- farms..	-	-	-	-
----- \$1,000..	-	-	-	-
Hay, silage, and field seeds ----- farms..	12 947	12.3	14 589	19 211
----- \$1,000..	46 480	.5	57 638	70 783
Vegetables, sweet corn, and melons ----- farms..	596	.6	415	519
----- \$1,000..	7 541	.1	4 267	4 706
Fruits, nuts, and berries ----- farms..	371	.4	280	238
----- \$1,000..	2 853	(Z)	2 267	2 075
Nursery and greenhouse crops ----- farms..	357	.3	333	318
----- \$1,000..	38 241	.4	34 954	33 587
Other crops ----- farms..	99	.1	74	92
----- \$1,000..	1 678	(Z)	1 408	1 222
Livestock, poultry, and their products ----- farms..	72 438	68.9	85 613	93 571
----- \$1,000..	5 266 682	59.0	5 685 846	5 039 742
Poultry and poultry products ----- farms..	3 643	3.5	5 208	7 168
----- \$1,000..	192 229	2.2	164 052	144 609
Dairy products ----- farms..	7 048	6.7	8 850	10 555
----- \$1,000..	392 284	4.4	426 730	313 780
Cattle and calves ----- farms..	50 509	48.0	62 765	70 693
----- \$1,000..	2 124 641	23.8	2 500 175	2 483 937
Hogs and pigs ----- farms..	38 638	36.7	49 012	60 065
----- \$1,000..	2 494 231	27.9	2 550 488	2 061 298
Sheep, lambs, and wool ----- farms..	8 922	8.5	10 484	9 086
----- \$1,000..	46 157	.5	26 703	24 468
Other livestock and livestock products (see text) ----- farms..	3 417	3.2	3 705	3 289
----- \$1,000..	17 139	.2	17 698	11 650

<sup>1</sup>Data for 1982 and 1978 exclude abnormal farms.

<sup>2</sup>Data for 1982 and 1978 are for \$500,000 or more.

<sup>3</sup>Data for 1982 include barley.

**Table 3. Farm Production Expenses: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Total farm production expenses ----- farms.....	105 184	(X)	(NA)	(NA)
..... \$1,000.....	(X)	6 647 645	(NA)	(NA)
Average per farm ----- dollars.....	(X)	63 200	(NA)	(NA)
Farms with expenses of--				
\$1 to \$4,999 .....	13 106	35 627	(NA)	(NA)
\$5,000 to \$9,999 .....	11 651	86 257	(NA)	(NA)
\$10,000 to \$24,999 .....	23 067	387 877	(NA)	(NA)
\$25,000 to \$49,999 .....	20 133	726 934	(NA)	(NA)
\$50,000 to \$99,999 .....	19 895	1 420 969	(NA)	(NA)
\$100,000 to \$249,999 .....	13 677	2 001 186	(NA)	(NA)
\$250,000 to \$499,999 .....	2 626	885 453	(NA)	(NA)
\$500,000 or more .....	1 029	1 103 340	(NA)	(NA)
Livestock and poultry purchased ----- farms.....	46 066	(X)	53 457	62 787
..... \$1,000.....	(X)	1 358 161	1 536 601	1 519 139
percent of total.....	(X)	20.4	(NA)	(NA)
Farms with expenses of--				
\$1 to \$999 .....	7 278	3 416	10 673	14 632
\$1,000 to \$4,999 .....	13 617	34 552	14 305	16 150
\$5,000 to \$9,999 .....	6 821	47 351	6 658	8 443
\$10,000 to \$24,999 <sup>1</sup> .....	8 111	130 780	14 983	23 562
\$25,000 to \$49,999 .....	4 755	169 031		
\$50,000 to \$99,999 .....	3 056	208 861		
\$100,000 to \$249,999 .....	1 662	250 500	6 838	
\$250,000 or more .....	766	513 669		
Feed for livestock and poultry ----- farms.....	64 752	(X)	78 070	87 743
..... \$1,000.....	(X)	1 101 866	1 214 715	1 033 523
percent of total.....	(X)	16.6	(NA)	(NA)
Farms with expenses of--				
\$1 to \$999 .....	13 383	5 926	17 063	20 746
\$1,000 to \$4,999 .....	17 986	44 737	21 628	27 400
\$5,000 to \$9,999 .....	9 414	66 623	11 755	15 017
\$10,000 to \$24,999 <sup>1</sup> .....	12 662	200 312		24 580
\$25,000 to \$49,999 .....	6 792	233 518	25 407	
\$50,000 to \$79,999 .....	2 408	148 280		
\$80,000 to \$99,999 .....	646	56 588		
\$100,000 or more .....	1 461	345 882	2 217	
Commercially mixed formula feeds ----- farms.....	33 282	(X)	38 512	41 719
..... \$1,000.....	(X)	475 104	539 236	466 358
percent of total.....	(X)	7.1	(NA)	(NA)
Farms with expenses of--				
\$1 to \$999 .....	7 666	3 135	6 634	7 336
\$1,000 to \$4,999 .....	9 968	25 281	11 717	14 444
\$5,000 to \$9,999 .....	5 228	36 639	6 835	8 175
\$10,000 to \$24,999 <sup>1</sup> .....	6 124	95 328	11 476	11 764
\$25,000 to \$49,999 .....	2 646	89 005		
\$50,000 to \$79,999 .....	899	54 803		
\$80,000 or more .....	751	170 913	1 850	
Seeds, bulbs, plants, and trees ----- farms.....	88 807	(X)	98 770	105 943
..... \$1,000.....	(X)	308 197	313 092	232 130
percent of total.....	(X)	4.6	(NA)	(NA)
Farms with expenses of--				
\$1 to \$499 .....	11 809	2 979	13 191	19 962
\$500 to \$999 .....	11 265	8 177	12 110	17 470
\$1,000 to \$4,999 .....	45 976	116 166	54 568	58 920
\$5,000 to \$9,999 .....	14 205	96 193	14 310	7 829
\$10,000 to \$19,999 .....	4 806	60 861	3 909	1 490
\$20,000 to \$24,999 .....	415	8 891		
\$25,000 or more .....	331	14 930	682	272
Commercial fertilizer <sup>2</sup> ----- farms.....	83 067	(X)	86 632	98 993
..... \$1,000.....	(X)	467 355	562 767	481 090
percent of total.....	(X)	7.0	(NA)	(NA)
Farms with expenses of--				
\$1 to \$499 .....	7 864	2 055	9 150	8 565
\$500 to \$999 .....	7 710	5 508	9 971	9 528
\$1,000 to \$4,999 .....	36 355	95 059	30 322	48 373
\$5,000 to \$9,999 .....	17 366	120 304	19 283	20 616
\$10,000 to \$24,999 <sup>1</sup> .....	11 734	170 575	15 839	11 911
\$25,000 to \$29,999 .....	754	20 048		
\$30,000 to \$49,999 .....	1 034	37 303		
\$50,000 to \$99,999 .....	226	13 443	2 067	
\$100,000 or more .....	24	3 060		
Agricultural chemicals <sup>2</sup> ----- farms.....	86 631	(X)	87 700	101 522
..... \$1,000.....	(X)	309 894	331 924	208 549
percent of total.....	(X)	4.7	(NA)	(NA)
Farms with expenses of--				
\$1 to \$499 .....	14 862	3 491	13 319	25 569
\$500 to \$999 .....	10 698	7 660	10 607	18 000
\$1,000 to \$4,999 .....	41 003	100 310	42 560	48 177
\$5,000 to \$9,999 .....	13 023	88 022	13 977	7 409
\$10,000 to \$24,999 .....	6 467	89 399		
\$25,000 to \$49,999 .....	514	16 064	7 237	2 367
\$50,000 or more .....	64	4 949		
Petroleum products ----- farms.....	100 939	(X)	114 816	120 834
..... \$1,000.....	(X)	315 061	536 937	293 963
percent of total.....	(X)	4.7	(NA)	(NA)
Farms with expenses of--				
\$1 to \$999 .....	30 271	13 143	27 652	39 403
\$1,000 to \$4,999 .....	51 175	130 244	48 500	67 498
\$5,000 to \$9,999 .....	14 925	100 801	25 433	10 971
\$10,000 to \$24,999 <sup>1</sup> .....	4 244	57 867	12 987	2 512
\$25,000 to \$39,999 .....	246	7 362		
\$40,000 to \$49,999 .....	28	1 222	244	
\$50,000 or more .....	50	4 421		

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
<b>Total farm production expenses—Con.</b>				
Electricity ----- farms..	90 255	(X)	94 737	97 681
\$1,000... (X)		126 591	130 326	78 913
percent of total.. (X)		1.9	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	26 149	6 383	25 144	42 231
\$500 to \$999 .....	21 769	15 178	23 477	30 309
\$1,000 to \$1,999 .....	22 656	30 682	26 233	18 352
\$2,000 to \$4,999 .....	16 702	48 202	17 075	6 093
\$5,000 to \$9,999 .....	2 390	15 508		
\$10,000 to \$24,999 .....	506	6 942	2 808	696
\$25,000 or more .....	83	3 695		
Hired farm labor ----- farms..	49 121	(X)	47 873	53 718
\$1,000... (X)		282 515	222 146	192 667
percent of total.. (X)		4.2	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	25 916	9 325	21 588	26 979
\$1,000 to \$4,999 .....	11 684	26 066	15 526	17 063
\$5,000 to \$9,999 .....	3 971	27 457	5 086	5 131
\$10,000 to \$24,999 <sup>1</sup> .....	4 909	74 663	5 238	4 545
\$25,000 to \$49,999 .....	1 725	58 114		
\$50,000 to \$79,999 .....	575	35 553		
\$80,000 to \$99,999 .....	143	12 577	435	
\$100,000 or more .....	198	38 760		
Contract labor ----- farms..	8 078	(X)	3 570	4 515
\$1,000... (X)		21 032	8 358	6 672
percent of total.. (X)		.3	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	3 846	1 654	1 794	2 736
\$1,000 to \$4,999 .....	3 123	6 427	1 377	1 472
\$5,000 to \$9,999 .....	732	4 960	279	255
\$10,000 to \$24,999 .....	300	4 357		
\$25,000 to \$49,999 .....	57	1 779	120	52
\$50,000 or more .....	20	1 855		
Repair and maintenance ----- farms..	91 920	(X)	(NA)	(NA)
\$1,000... (X)		407 270	(NA)	(NA)
percent of total.. (X)		6.1	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	21 385	9 841	(NA)	(NA)
\$1,000 to \$4,999 .....	41 862	104 990	(NA)	(NA)
\$5,000 to \$9,999 .....	18 471	125 297	(NA)	(NA)
\$10,000 to \$24,999 .....	9 131	126 746	(NA)	(NA)
\$25,000 to \$49,999 .....	905	28 354	(NA)	(NA)
\$50,000 or more .....	166	12 041	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment <sup>3</sup> ----- farms..	57 354	(X)	57 502	69 442
\$1,000... (X)		133 395	124 821	116 500
percent of total.. (X)		2.0	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	25 122	11 011	25 351	34 976
\$1,000 to \$4,999 .....	25 700	57 304	26 128	30 365
\$5,000 to \$9,999 .....	4 494	29 838	4 542	3 168
\$10,000 to \$24,999 .....	1 744	23 778		
\$25,000 to \$49,999 .....	244	8 014	1 481	933
\$50,000 or more .....	50	3 451		
Interest <sup>4</sup> ----- farms..	67 262	(X)	76 462	(NA)
\$1,000... (X)		579 338	1 015 561	(NA)
percent of total.. (X)		8.7	(NA)	(NA)
Farms with expenses of—				
\$1 to \$999 .....	14 128	5 927	11 900	(NA)
\$1,000 to \$4,999 .....	23 365	60 220	23 126	(NA)
\$5,000 to \$9,999 .....	12 044	83 590	13 398	(NA)
\$10,000 to \$24,999 .....	12 398	191 293		
\$25,000 to \$49,999 .....	3 983	133 572		
\$50,000 to \$99,999 .....	1 138	73 936	28 038	(NA)
\$100,000 or more .....	206	30 799		
Interest paid on debt: -----				
Secured by real estate .....	44 371	390 226	(NA)	(NA)
Not secured by real estate .....	41 208	189 113	(NA)	(NA)
Cash rent ----- farms..	41 375	(X)	(NA)	(NA)
\$1,000... (X)		492 800	(NA)	(NA)
percent of total.. (X)		7.4	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	2 836	750	(NA)	(NA)
\$500 to \$999 .....	2 680	1 856	(NA)	(NA)
\$1,000 to \$4,999 .....	10 319	27 687	(NA)	(NA)
\$5,000 to \$9,999 .....	8 684	61 282	(NA)	(NA)
\$10,000 to \$24,999 .....	11 593	179 909	(NA)	(NA)
\$25,000 to \$49,999 .....	4 132	138 524	(NA)	(NA)
\$50,000 or more .....	1 131	82 793	(NA)	(NA)
Property taxes paid ----- farms..	87 431	(X)	(NA)	(NA)
\$1,000... (X)		230 810	(NA)	(NA)
percent of total.. (X)		3.5	(NA)	(NA)
Farms with expenses of—				
\$1 to \$499 .....	15 288	3 571	(NA)	(NA)
\$500 to \$999 .....	13 025	9 479	(NA)	(NA)
\$1,000 to \$4,999 .....	46 893	115 098	(NA)	(NA)
\$5,000 to \$9,999 .....	9 596	63 881	(NA)	(NA)
\$10,000 to \$24,999 .....	2 474	33 189	(NA)	(NA)
\$25,000 or more .....	155	5 592	(NA)	(NA)

See footnotes at end of table.



**Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments ..... 1987..	75 203	1 153 713	67 411	1 120 157
Average per farm <sup>1</sup> ..... 1987..	(X)	15 341	(X)	16 617
Farms with receipts of—				
\$1 to \$999 .....	3 240	1 758	1 375	793
\$1,000 to \$4,999 .....	18 122	52 809	13 988	42 751
\$5,000 to \$9,999 .....	16 781	121 201	15 736	114 003
\$10,000 to \$24,999 .....	23 409	371 365	22 831	362 473
\$25,000 to \$49,999 .....	10 045	345 038	9 897	340 029
\$50,000 or more .....	3 606	261 541	3 584	260 108
Amount received in cash ..... 1987..	70 106	559 007	63 905	548 398
Value of certificates received ..... 1987..	71 148	594 706	64 205	571 759
Other farm-related income, gross before taxes and expenses <sup>2</sup> ..... 1987..	30 370	132 008	25 821	112 993
Average per farm <sup>1</sup> ..... 1987..	(X)	4 347	(X)	4 376
Farms with receipts of—				
\$1 to \$999 .....	11 351	4 235	9 664	3 625
\$1,000 to \$4,999 .....	11 173	27 143	9 453	22 889
\$5,000 to \$9,999 .....	4 121	28 247	3 460	23 709
\$10,000 to \$24,999 .....	2 945	43 533	2 554	37 647
\$25,000 to \$49,999 .....	692	22 092	618	19 956
\$50,000 or more .....	88	6 759	72	5 166
Customwork and other agricultural services <sup>3</sup> ..... 1987..	15 001	61 977	13 915	59 789
..... 1982..	16 921	64 815	16 182	63 707
Average per farm <sup>1</sup> ..... 1987..	(X)	4 132	(X)	4 297
..... 1982..	(X)	3 830	(X)	3 937
1987 farms with receipts of—				
\$1 to \$999 .....	4 538	2 039	4 046	1 830
\$1,000 to \$4,999 .....	6 576	15 434	6 140	14 525
\$5,000 to \$9,999 .....	2 189	14 654	2 031	13 592
\$10,000 to \$24,999 .....	1 379	19 799	1 379	19 799
\$25,000 to \$49,999 .....	317	(D)	317	(D)
\$50,000 or more .....	2	(D)	2	(D)
Rental of farmland ..... 1987..	8 633	58 000	5 868	42 238
Average per farm <sup>1</sup> ..... 1987..	(X)	6 718	(X)	7 198
Farms with receipts of—				
\$1 to \$999 .....	1 802	881	1 116	543
\$1,000 to \$4,999 .....	3 416	8 972	2 268	6 057
\$5,000 to \$9,999 .....	1 657	11 584	1 193	8 380
\$10,000 to \$24,999 .....	1 369	20 674	982	15 087
\$25,000 or more .....	389	15 888	299	12 160
Sales of forest products and Christmas trees ..... 1987..	710	1 876	479	1 193
Average per farm <sup>1</sup> ..... 1987..	(X)	2 643	(X)	2 491
Farms with receipts of—				
\$1 to \$999 .....	310	101	228	81
\$1,000 to \$4,999 .....	295	668	191	438
\$5,000 to \$9,999 .....	60	421	29	226
\$10,000 to \$24,999 .....	44	(D)	30	(D)
\$25,000 or more .....	1	(D)	1	(D)
Other farm-related income sources ..... 1987..	11 908	10 156	10 990	9 763
Average per farm <sup>1</sup> ..... 1987..	(X)	853	(X)	888
Farms with receipts of—				
\$1 to \$999 .....	9 315	2 557	8 477	2 430
\$1,000 to \$4,999 .....	2 309	4 509	2 237	4 297
\$5,000 to \$9,999 .....	191	1 253	183	1 199
\$10,000 to \$24,999 .....	68	985	68	985
\$25,000 or more .....	25	852	25	852

<sup>1</sup>Data are in whole dollars.

<sup>2</sup>Data are based on a sample of farms.

<sup>3</sup>Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of \$10,000 or more.

**Table 6. Commodity Credit Corporation Loans: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

CCC loans	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
<b>Total</b> -----	<b>51 178</b>	<b>1 598 775</b>	<b>28 931</b>	<b>1 047 057</b>
Average per farm <sup>1</sup> -----	(X)	31 239	(X)	36 192
Farms with loans of—				
\$1 to \$999 -----	626	334	543	300
\$1,000 to \$4,999 -----	6 090	18 496	2 896	8 736
\$5,000 to \$9,999 -----	7 585	54 958	3 884	28 676
\$10,000 to \$19,999 -----	11 628	167 323	6 400	92 450
\$20,000 to \$24,999 -----	4 255	(D)		
\$25,000 to \$49,999 -----	11 613	(D)	15 208	916 895
\$50,000 or more -----	9 381	854 954		
<b>Corn</b> -----	<b>50 551</b>	<b>1 298 123</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> -----	(X)	25 679	(X)	(NA)
Farms with loans of—				
\$1 to \$999 -----	644	343	(NA)	(NA)
\$1,000 to \$9,999 -----	15 123	81 660	(NA)	(NA)
\$10,000 to \$24,999 -----	17 246	281 782	(NA)	(NA)
\$25,000 or more -----	17 538	934 338	(NA)	(NA)
<b>Wheat</b> -----	<b>61</b>	<b>127</b>	<b>54</b>	<b>243</b>
Average per farm <sup>1</sup> -----	(X)	2 083	(X)	4 507
Farms with loans of—				
\$1 to \$999 -----	31	12	(NA)	(NA)
\$1,000 to \$9,999 -----	28	(D)	(NA)	(NA)
\$10,000 to \$24,999 -----	-	-	(NA)	(NA)
\$25,000 or more -----	2	(D)	(NA)	(NA)
<b>Soybeans</b> -----	<b>14 094</b>	<b>298 747</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> -----	(X)	21 197	(X)	(NA)
Farms with loans of—				
\$1 to \$999 -----	179	93	(NA)	(NA)
\$1,000 to \$9,999 -----	4 224	24 295	(NA)	(NA)
\$10,000 to \$24,999 -----	5 605	89 628	(NA)	(NA)
\$25,000 or more -----	4 086	184 730	(NA)	(NA)
<b>Sorghum, barley, and oats</b> -----	<b>86</b>	<b>190</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> -----	(X)	2 211	(X)	(NA)
Farms with loans of—				
\$1 to \$999 -----	42	17	(NA)	(NA)
\$1,000 to \$9,999 -----	42	(D)	(NA)	(NA)
\$10,000 to \$24,999 -----	-	-	(NA)	(NA)
\$25,000 or more -----	2	(D)	(NA)	(NA)
<b>Cotton</b> -----	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Average per farm <sup>1</sup> -----	(X)	-	(X)	-
Farms with loans of—				
\$1 to \$999 -----	-	-	(NA)	(NA)
\$1,000 to \$9,999 -----	-	-	(NA)	(NA)
\$10,000 to \$24,999 -----	-	-	(NA)	(NA)
\$25,000 or more -----	-	-	(NA)	(NA)
<b>Peanuts, rye, rice, tobacco, and honey</b> -----	<b>70</b>	<b>1 587</b>	<b>(NA)</b>	<b>(NA)</b>
Average per farm <sup>1</sup> -----	(X)	22 674	(X)	(X)
Farms with loans of—				
\$1 to \$999 -----	13	7	(NA)	(NA)
\$1,000 to \$9,999 -----	22	73	(NA)	(NA)
\$10,000 to \$24,999 -----	15	209	(NA)	(NA)
\$25,000 or more -----	20	1 298	(NA)	(NA)

<sup>1</sup>Data are in whole dollars.

**Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

All farms	1987	Percent of total in 1987	1982	1978
Farms.....number.....	105 180	100.0	115 413	121 339
Land in farms.....acres.....	31 638 130	100.0	32 611 964	33 258 233
Total cropland.....farms.....	96 749	92.0	106 859	114 391
Harvested cropland.....acres.....	27 290 868	86.3	27 580 749	28 063 990
.....farms.....	92 878	88.3	103 644	111 379
.....acres.....	20 484 178	64.7	24 137 670	23 622 212
Farms by acres harvested:				
1 to 49 acres.....	17 548	16.7	17 192	17 629
1 to 9 acres.....	4 624	4.4	4 687	3 922
10 to 19 acres.....	4 100	3.9	4 111	4 131
20 to 29 acres.....	3 360	3.2	2 987	3 388
30 to 49 acres.....	5 464	5.2	5 407	6 208
50 to 99 acres.....	13 956	13.3	13 768	16 320
100 to 199 acres.....	23 454	22.3	26 637	31 543
200 to 499 acres.....	29 005	27.6	35 830	37 775
500 to 999 acres.....	7 723	7.3	8 729	7 135
1,000 acres or more.....	1 192	1.1	1 488	977
1,000 to 1,999 acres.....	1 114	1.1	1 356	882
2,000 acres or more.....	78	.1	132	95
Cropland used only for pasture or grazing.....farms.....	36 766	35.0	41 995	52 647
.....acres.....	2 283 547	7.2	2 500 266	3 154 674
Other cropland.....farms.....	63 889	60.7	32 092	43 808
.....acres.....	4 523 143	14.3	942 813	1 287 104
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms.....	27 088	25.8	11 352	17 555
.....acres.....	1 670 711	5.3	269 487	450 595
Cropland on which all crops failed.....farms.....	1 640	1.6	4 847	2 864
.....acres.....	45 013	.1	146 811	71 259
Cropland in cultivated summer fallow.....farms.....	844	.8	656	1 471
.....acres.....	45 160	.1	26 731	56 223
Cropland idle.....farms.....	42 114	40.0	19 323	26 401
.....acres.....	2 762 259	8.7	499 784	709 027
Total woodland.....farms.....	24 782	23.6	26 883	26 807
.....acres.....	1 316 448	4.2	1 396 963	1 423 699
Woodland pastured.....farms.....	14 393	13.7	16 750	17 289
.....acres.....	774 976	2.4	893 533	945 320
Woodland not pastured.....farms.....	14 477	13.8	14 503	13 606
.....acres.....	541 472	1.7	503 430	478 379
Pastureland and rangeland other than cropland and woodland pastured.....farms.....	22 415	21.3	24 254	24 740
.....acres.....	1 452 248	4.6	1 591 210	1 695 483
Land in house lots, ponds, roads, wasteland, etc.....farms.....	79 586	75.7	91 193	97 787
.....acres.....	1 578 566	5.0	2 043 042	2 075 061
Cropland under federal acreage reduction programs:				
Annual commodity acreage adjustment programs.....farms.....	69 141	(X)	23 020	46 307
.....acres.....	3 560 902	(X)	415 548	1 089 491
Conservation reserve program.....farms.....	8 050	(X)	(NA)	(NA)
.....acres.....	697 896	(X)	(NA)	(NA)

**Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1987	1982	1987	1982	1987	1982	1987	1982
Land in farms .....	105 180	115 413	31 638 130	32 611 964	20 484 178	24 137 670	92 247	91 427
Farms by size:								
1 to 9 acres .....	7 974	7 910	23 461	25 456	4 938	6 146	165	103
10 to 49 acres .....	10 981	12 322	282 586	319 800	126 800	161 481	810	349
50 to 69 acres .....	2 901	3 266	170 098	190 547	84 171	106 811	564	298
70 to 99 acres .....	6 981	7 687	567 963	625 653	324 340	413 979	1 029	740
100 to 139 acres .....	7 168	7 993	840 781	939 069	479 587	634 220	871	1 034
140 to 179 acres .....	10 506	12 013	1 661 495	1 900 994	1 044 568	1 407 441	2 002	2 265
180 to 219 acres .....	6 574	7 790	1 298 012	1 539 642	794 890	1 112 869	(D)	1 511
220 to 259 acres .....	7 119	8 798	1 692 823	2 091 761	1 091 180	1 567 561	(D)	3 201
260 to 499 acres .....	25 378	29 671	9 225 178	10 701 909	6 045 183	8 122 130	14 018	19 071
500 to 999 acres .....	15 874	14 858	10 707 195	9 849 121	7 115 018	7 359 062	31 991	33 787
1,000 to 1,999 acres .....	3 401	2 796	4 290 322	3 529 603	2 862 824	2 643 971	27 273	16 583
2,000 acres or more .....	323	309	878 216	898 409	510 679	601 999	9 202	12 485
5,000 acres or more .....	18	13	121 190	120 079	59 277	56 000	(D)	(D)
Farms with harvested cropland .....	92 878	103 644	31 128 608	32 179 855	20 484 178	24 137 670	92 199	91 427
Farms by size:								
1 to 9 acres .....	1 373	1 648	7 681	9 349	4 938	6 146	153	103
10 to 49 acres .....	7 973	9 119	213 650	247 320	126 800	161 481	790	349
50 to 69 acres .....	2 463	2 768	144 578	161 946	84 171	106 811	564	298
70 to 99 acres .....	6 397	7 124	520 419	579 847	324 340	413 979	1 029	740
100 to 139 acres .....	6 699	7 577	786 048	891 193	479 587	634 220	855	1 034
140 to 179 acres .....	10 135	11 724	1 603 151	1 855 741	1 044 568	1 407 441	2 002	2 265
180 to 219 acres .....	6 344	7 649	1 252 959	1 512 048	794 890	1 112 869	(D)	1 511
220 to 259 acres .....	6 979	8 699	1 659 687	2 068 326	1 091 180	1 567 561	(D)	3 201
260 to 499 acres .....	25 092	29 429	9 126 904	10 618 531	6 045 183	8 122 130	14 018	19 071
500 to 999 acres .....	15 812	14 807	10 668 562	9 815 949	7 115 018	7 359 062	31 991	33 787
1,000 to 1,999 acres .....	3 391	2 792	4 277 120	3 524 448	2 862 824	2 643 971	27 273	16 583
2,000 acres or more .....	320	308	867 849	895 157	510 679	601 999	9 202	12 485
5,000 acres or more .....	17	13	116 060	120 079	59 277	56 000	(D)	(D)
Farms with irrigated land .....	851	616	385 109	304 670	278 236	253 538	92 247	91 427
Farms by size:								
1 to 9 acres .....	107	59	366	211	175	124	165	103
10 to 49 acres .....	123	56	2 886	1 275	1 551	749	810	349
50 to 69 acres .....	24	16	1 385	918	836	664	564	298
70 to 99 acres .....	40	25	3 245	1 997	1 829	1 414	1 029	740
100 to 139 acres .....	33	23	3 841	2 640	2 039	1 945	871	1 034
140 to 179 acres .....	34	35	5 418	5 576	3 270	4 478	2 002	2 265
180 to 219 acres .....	18	19	(D)	3 767	(D)	3 177	(D)	1 511
220 to 259 acres .....	47	30	(D)	7 214	(D)	5 713	(D)	3 201
260 to 499 acres .....	126	120	47 813	45 957	35 452	39 266	14 018	19 071
500 to 999 acres .....	187	160	131 389	112 729	94 357	96 045	31 991	33 787
1,000 to 1,999 acres .....	94	56	125 090	74 098	90 611	64 946	27 273	16 583
2,000 acres or more .....	18	17	48 995	48 288	37 342	35 017	9 202	12 485
5,000 acres or more .....	2	1	(D)	(D)	(D)	(D)	(D)	(D)

**Table 9. Irrigation: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	1987	1982	1978	Farms with irrigation	1987	1982	1978
Farms .....	851	616	739	Irrigated land—Con.			
Proportion of farms .....	.8	.5	.6	Acres irrigated—Con.			
Irrigated land .....	92 247	91 427	100 770	200 to 499 acres .....	farms... 116	135	125
Average per farm .....	108	148	136	500 to 999 acres .....	acres... 35 519	39 756	38 240
Acres irrigated:				1,000 acres or more .....	farms... 20	25	26
1 to 9 acres .....	farms... 303	147	155		acres... 12 164	14 742	17 265
10 to 49 acres .....	acres... 785	397	477		farms... 7	7	6
50 to 69 acres .....	farms... 123	85	151		acres... 10 144	10 090	10 455
70 to 99 acres .....	acres... 3 273	2 269	3 344	Irrigated land use:			
100 to 199 acres .....	farms... 119	81	113	Harvested cropland .....	farms... 825	608	708
	acres... 8 179	5 781	8 202	Pastureland and other land .....	acres... 91 598	91 175	97 681
	farms... 163	136	163		farms... 37	18	(NA)
	acres... 22 183	18 392	22 787	Land in irrigated farms .....	acres... 649	252	3 089
				Cropland .....	acres... 385 109	304 670	345 435
				Harvested cropland .....	acres... 352 668	272 432	308 167
					acres... 278 236	253 538	274 255

**Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
	1987	1982	Any land irrigated		All harvested cropland irrigated		1987	1982
			1987	1982	1987	1982		
Farms ----- number..	105 180	115 413	851	616	234	119	104 329	114 797
Land in farms ----- acres..	31 638 130	32 611 964	385 109	304 670	24 684	11 879	31 253 021	32 307 294
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars..	283 597	471 011	442 449	780 292	225 908	197 820	282 338	469 194
Average per acre ----- dollars..	947	1 684	993	1 809	2 056	3 947	946	1 683
Irrigated land ----- acres..	92 247	91 427	92 247	91 427	16 600	8 731	(X)	(X)
Land in farms according to use:								
Total cropland ----- farms..	96 749	106 859	848	616	234	119	95 901	106 243
acres..	27 290 868	27 580 749	352 668	272 432	21 484	9 928	26 938 200	27 308 317
Harvested cropland ----- farms..	92 878	103 644	845	616	234	119	92 033	103 028
acres..	20 484 178	24 137 670	278 236	253 538	16 551	8 640	20 205 942	23 884 132
Pastureland, excluding woodland pastured ----- farms..	51 460	58 922	232	215	26	14	51 228	58 707
acres..	3 735 795	4 091 476	19 016	22 869	808	1 879	3 716 779	4 068 607
Land set aside in federal farm programs ----- farms..	71 289	(NA)	514	(NA)	50	(NA)	70 775	(NA)
acres..	4 258 798	(NA)	57 030	(NA)	3 117	(NA)	4 201 768	(NA)
Owned and rented land in farms:								
Owned land in farms ----- farms..	83 433	(NA)	715	(NA)	206	(NA)	82 718	(NA)
acres..	15 050 360	(NA)	169 902	(NA)	18 379	(NA)	14 880 458	(NA)
Rented or leased land in farms ----- farms..	56 954	62 354	474	(NA)	52	(NA)	56 480	(NA)
acres..	16 587 770	15 649 424	215 207	(NA)	6 305	(NA)	16 372 563	(NA)
Market value of agricultural products sold ----- \$1,000..	8 926 799	9 828 932	138 520	142 890	29 875	16 360	8 788 279	9 686 043
Average per farm ----- dollars..	84 872	85 163	162 773	231 964	127 672	137 478	84 236	84 375
Crops, including nursery and greenhouse crops ----- farms..	83 940	92 378	823	592	226	112	83 117	91 786
\$1,000..	3 660 117	4 143 086	91 969	79 538	27 462	13 558	3 568 148	4 063 548
Livestock, poultry, and their products ----- farms..	72 438	85 613	329	289	31	27	72 109	85 324
\$1,000..	5 266 682	5 685 846	46 551	63 352	2 414	2 802	5 220 131	5 622 494
Total farm production expenses <sup>1</sup> ----- \$1,000..	6 647 645	(NA)	96 082	(NA)	19 424	(NA)	6 551 562	(NA)
Average per farm ----- dollars..	63 200	(NA)	116 182	(NA)	99 104	(NA)	62 780	(NA)
Livestock and poultry purchased ----- farms..	46 066	53 457	268	(NA)	20	(NA)	45 798	(NA)
\$1,000..	1 358 161	1 536 601	19 430	(NA)	582	(NA)	1 338 731	(NA)
Feed for livestock and poultry ----- farms..	64 752	78 070	316	284	33	12	64 436	77 786
\$1,000..	1 101 866	1 214 715	7 234	12 481	420	645	1 094 632	1 202 233
Seeds, bulbs, plants, and trees ----- farms..	88 807	98 770	731	660	137	120	88 076	98 110
\$1,000..	308 197	313 092	7 395	4 662	3 006	745	300 802	308 430
Commercial fertilizer <sup>2</sup> ----- farms..	83 067	86 632	728	600	151	73	82 339	86 032
\$1,000..	467 355	562 767	5 994	6 977	679	238	461 360	555 791
Agricultural chemicals <sup>2</sup> ----- farms..	86 631	87 700	734	583	166	82	85 897	87 117
\$1,000..	309 894	331 924	4 550	4 182	386	90	305 344	327 742
Petroleum products ----- farms..	100 939	114 816	796	(NA)	189	(NA)	100 143	(NA)
\$1,000..	315 061	536 937	4 775	(NA)	1 106	(NA)	310 286	(NA)
Electricity ----- farms..	90 255	94 737	714	(NA)	142	(NA)	89 541	(NA)
\$1,000..	126 591	130 326	1 819	(NA)	527	(NA)	124 772	(NA)
Hired farm labor ----- farms..	49 121	47 873	506	422	108	85	48 615	47 451
\$1,000..	282 515	222 146	13 002	9 633	6 240	2 098	269 513	212 513
Contract labor ----- farms..	8 078	3 570	200	72	24	17	7 878	3 498
\$1,000..	21 032	8 358	1 221	579	394	65	19 811	7 780
Repairs and maintenance ----- farms..	91 920	(NA)	713	(NA)	137	(NA)	91 207	(NA)
\$1,000..	407 270	(NA)	4 942	(NA)	791	(NA)	402 328	(NA)
Customwork, machine hire, and rental of machinery and equipment <sup>3</sup> ----- farms..	57 354	57 502	390	(NA)	47	(NA)	56 964	(NA)
\$1,000..	133 395	124 821	1 196	(NA)	63	(NA)	132 200	(NA)
Interest <sup>4</sup> ----- farms..	67 262	76 462	576	491	69	81	66 686	75 971
\$1,000..	579 338	1 015 561	7 858	12 878	1 527	615	571 480	1 002 683
Cash rent paid for land and buildings ----- farms..	41 375	(NA)	329	(NA)	27	(NA)	41 046	(NA)
\$1,000..	492 800	(NA)	5 300	(NA)	77	(NA)	487 501	(NA)
Property taxes paid ----- farms..	87 431	(NA)	660	(NA)	168	(NA)	86 771	(NA)
\$1,000..	230 810	(NA)	2 411	(NA)	467	(NA)	228 399	(NA)
All other farm production expenses ----- farms..	101 919	(NA)	801	(NA)	178	(NA)	101 118	(NA)
\$1,000..	513 358	(NA)	8 955	(NA)	3 159	(NA)	504 403	(NA)
Commodity Credit Corporation loans ----- farms..	51 178	28 931	426	(NA)	31	(NA)	50 752	(NA)
\$1,000..	1 598 775	1 047 057	25 208	(NA)	1 055	(NA)	1 573 567	(NA)
Government payments received ----- farms..	75 203	(NA)	525	(NA)	54	(NA)	74 678	(NA)
\$1,000..	1 153 713	(NA)	14 555	(NA)	699	(NA)	1 139 158	(NA)
Other farm-related income <sup>1</sup> ----- farms..	30 370	(NA)	197	(NA)	36	(NA)	30 173	(NA)
\$1,000..	132 008	(NA)	1 109	(NA)	83	(NA)	130 899	(NA)
Estimated market value of all machinery and equipment <sup>1</sup> ----- farms..	104 901	115 266	827	674	196	128	104 074	114 592
Average per farm ----- dollars..	5 543 375	6 731 271	59 184	65 457	7 079	5 305	5 484 191	6 665 814
\$2 844	58 398	71 565	97 117	36 118	41 447	52 695	58 170	
Inventory of livestock:								
Cattle and calves ----- farms..	49 469	62 412	200	200	16	15	49 269	62 212
number..	4 303 682	5 822 488	41 173	60 102	3 156	2 477	4 262 509	5 762 386
Milk cows ----- farms..	7 748	10 485	24	22	4	1	7 724	10 463
number..	294 888	339 664	812	730	45	(D)	294 076	338 934
Hogs and pigs ----- farms..	36 670	45 768	160	129	11	7	36 510	45 639
number..	12 983 074	14 332 644	59 497	53 989	3 824	3 163	12 923 577	14 278 655
Sheep and lambs ----- farms..	8 636	9 988	38	26	3	4	8 598	9 962
number..	451 617	486 316	1 588	971	88	92	450 029	485 345

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1987 include cost of custom applications.

<sup>3</sup>Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

<sup>4</sup>Data for 1982 do not include imputation for item nonresponse.

**Table 11. Value of Land and Buildings: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	1987		1982	1978
	Farms	Value (\$1,000)		
Estimated market value of land and buildings ----- farms-----	105 184	(X)	115 388	121 334
Average per farm ----- \$1,000-----	(X)	29 829 901	54 349 071	51 829 172
Average per acre ----- dollars-----	(X)	283 597	471 011	427 161
Average per acre ----- dollars-----	(X)	947	1 684	1 548
<b>Farms by value group:</b>				
\$1 to \$39,999 -----	13 227	234 008	10 423	10 018
\$40,000 to \$69,999 -----	11 020	584 758	7 870	8 817
\$70,000 to \$99,999 -----	9 152	756 410	6 877	7 274
\$100,000 to \$149,999 -----	12 468	1 505 632	9 191	10 190
\$150,000 to \$199,999 -----	9 769	1 660 782	8 033	8 976
\$200,000 to \$499,999 -----	31 637	10 076 186	34 645	40 152
\$500,000 to \$999,999 -----	14 045	9 442 908	25 303	24 876
\$1,000,000 to \$1,999,999 -----	3 466	4 416 580	13 046	11 031
\$2,000,000 to \$4,999,999 -----	380	995 672		
\$5,000,000 or more -----	20	156 965		

**Table 12. Value of Machinery and Equipment on Place: 1987 and 1982**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	1987		1982	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of all machinery and equipment -----	104 901	5 543 375	115 266	6 731 271
Average per farm <sup>1</sup> -----	(X)	52 844	(X)	58 398
<b>By value group:</b>				
\$1 to \$4,999 -----	6 659	17 760	5 492	16 400
\$5,000 to \$9,999 -----	12 872	86 106	14 459	97 432
\$10,000 to \$19,999 -----	15 609	204 392	15 825	209 967
\$20,000 to \$29,999 -----	12 464	287 085	13 511	310 438
\$30,000 to \$49,999 -----	16 318	603 631	16 793	627 125
\$50,000 to \$69,999 -----	12 639	708 546	14 008	779 839
\$70,000 to \$99,999 -----	10 272	829 428	12 006	970 591
\$100,000 to \$199,999 -----	14 193	1 812 997	17 527	2 269 196
\$200,000 to \$499,999 -----	3 763	922 210	5 479	1 347 257
\$500,000 to \$999,999 -----	101	57 781	166	103 025
\$1,000,000 or more -----	11	13 439		

<sup>1</sup>Data are in whole dollars.

**Table 13. Selected Machinery and Equipment on Place: 1987 and 1982**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983		Farms	Number	Number manufactured 1978 to 1982
	Farms	Number	Farms	Number	Farms	Number			
<b>Motortrucks, including pickups</b> -----	93 674	143 433	26 088	28 331	78 703	115 102	101 739	147 663	46 802
2 or 3 -----	28 971	64 544	1 729	3 687	21 906	48 590	27 678	60 917	7 764
4 or more -----	3 634	17 820	73	358	2 471	12 186	3 163	15 848	1 078
<b>Wheel tractors</b> -----	97 120	302 392	12 351	17 313	94 838	285 079	104 017	305 334	41 386
2 or 3 -----	44 785	112 484	2 956	6 531	45 187	113 086	54 293	137 397	17 082
4 or more -----	34 736	172 309	391	1 778	31 180	153 522	31 306	149 519	2 958
Less than 40 horsepower (PTO) -----	48 200	79 062	2 808	3 191	46 231	75 871	(NA)	(NA)	(NA)
40 horsepower (PTO) or more -----	85 755	223 330	10 572	14 122	83 540	209 208	(NA)	(NA)	(NA)
<b>Grain and bean combines<sup>1</sup></b> -----	55 575	60 004	6 701	6 846	49 234	53 158	54 993	57 726	17 069
<b>Cottonpickers and strippers</b> -----	-	-	-	-	-	-	-	-	-
<b>Mower conditioners</b> -----	29 756	31 333	4 307	4 401	25 638	26 932	27 138	28 401	7 374
<b>Pickup balers</b> -----	40 640	46 867	3 461	3 619	38 284	43 248	43 063	47 776	7 505

<sup>1</sup>Data for 1982 include self-propelled only.

**Table 14. Petroleum Products Expenses: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Item	1987		1982	1978
	Farms	Expenses (\$1,000)		
Petroleum products	100 939	(X)	114 816	120 834
Average per farm	\$1,000 (X)	315 061	536 937	293 963
Average per farm	dollars (X)	3 121	4 676	2 433
Gasoline and gasohol	87 982	(X)	106 773	114 548
Average per farm	\$1,000 (X)	105 047	186 833	127 980
Average per farm	dollars (X)	1 194	1 750	1 117
Farms with expenses of—				
\$1 to \$499	28 312	6 724	24 575	33 967
\$500 to \$999	21 136	14 478	19 309	30 928
\$1,000 to \$1,999	22 366	29 812	27 172	32 362
\$2,000 to \$4,999	14 012	37 897	29 573	15 828
\$5,000 to \$9,999	1 834	11 520	5 369	1 237
\$10,000 to \$24,999	270	3 428	755	226
\$25,000 or more	30	1 186		
Diesel fuel	73 400	(X)	80 135	76 213
Average per farm	\$1,000 (X)	136 876	203 866	91 401
Average per farm	dollars (X)	1 865	2 544	1 199
Farms with expenses of—				
\$1 to \$499	15 927	4 063	10 682	24 023
\$500 to \$999	14 390	9 970	13 149	21 330
\$1,000 to \$1,999	18 347	24 980	18 972	17 456
\$2,000 to \$4,999	19 229	55 974	26 182	11 523
\$5,000 to \$9,999	4 667	29 886	9 012	1 605
\$10,000 to \$24,999	790	10 096		
\$25,000 or more	50	1 909	2 138	276
Natural gas	5 064	(X)	3 284	3 648
Average per farm	\$1,000 (X)	6 637	6 182	3 058
Average per farm	dollars (X)	1 311	1 883	838
Farms with expenses of—				
\$1 to \$99	349	19	199	385
\$100 to \$499	1 521	407	813	1 596
\$500 to \$999	1 188	801	628	906
\$1,000 to \$1,999	1 152	1 439	694	502
\$2,000 to \$4,999	693	1 926	713	211
\$5,000 to \$9,999	114	722	237	48
\$10,000 or more	47	1 323		
LP gas, fuel oil, kerosene, motor oil, grease, etc.	86 862	(X)	(NA)	(NA)
Average per farm	\$1,000 (X)	66 500	140 056	71 524
Average per farm	dollars (X)	766	(NA)	(NA)
Farms with expenses of—				
\$1 to \$99	16 546	894	(NA)	(NA)
\$100 to \$499	34 577	8 310	(NA)	(NA)
\$500 to \$999	14 814	9 841	(NA)	(NA)
\$1,000 to \$1,999	11 795	15 365	(NA)	(NA)
\$2,000 to \$4,999	7 876	21 980	(NA)	(NA)
\$5,000 to \$9,999	1 043	6 432	(NA)	(NA)
\$10,000 or more	211	3 677	(NA)	(NA)

**Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	1987	1982	1978	Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used	90 719	96 237	107 357	Any chemicals, fertilizer, or lime used—Con.			
Commercial fertilizer <sup>1</sup>	83 067	86 632	98 993	Sprays, dusts, granules, fumigants, etc., to control—			
acres on which used	13 313 702	14 661 266	15 184 915	Insects on hay and other crops			
\$1,000	467 355	562 767	481 090	acres on which used	41 361	41 193	44 090
Lime	17 823	11 172	14 577	Nematodes in crops	4 910 343	6 062 166	6 640 743
acres on which used	1 219 181	588 678	810 259	acres on which used	2 548	3 419	4 561
tons	2 846 408	1 389 986	1 942 275	Diseases in crops and orchards	267 277	415 428	517 125
Farms by tons used:				acres on which used	1 330	1 331	1 886
1 to 49 tons	3 815	3 092	3 807	Weeds, grass, or brush in crops and pasture	112 420	177 125	219 621
50 to 99 tons	4 475	3 324	4 127	acres on which used	70 486	73 116	73 497
100 to 199 tons	4 994	2 789	4 035	Chemicals used for defoliation or for growth control of crops or thinning of fruit	14 709 093	16 269 261	14 215 869
200 to 499 tons	3 700	1 677	2 179	acres on which used			
500 to 999 tons	697	250	352				
1,000 tons or more	142	40	77				
Agricultural chemicals <sup>1</sup>	86 631	87 700	101 522	acres on which used	1 066	1 726	1 412
\$1,000	309 894	331 924	208 549		120 779	242 520	169 928

<sup>1</sup>Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

**Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms			Farms operated by Black and other races <sup>1</sup>		
	1987	1982	1978	1987	1982	1978
<b>Tenure of operator:</b>						
All operators ----- farms...	105 180	115 413	121 339	124	158	253
Harvested cropland ----- farms...	31 638 130	32 611 964	33 258 233	28 195	37 955	58 443
----- acres...	92 878	103 644	111 379	112	144	230
Full owners ----- farms...	20 484 178	24 137 670	23 622 212	17 716	28 136	40 667
Harvested cropland ----- farms...	48 226	52 934	55 682	64	74	126
----- acres...	7 963 226	9 348 834	9 573 411	7 799	9 899	20 461
----- farms...	37 835	43 087	47 199	56	63	104
----- acres...	4 398 979	6 133 611	6 031 886	4 185	6 316	12 043
Part owners ----- farms...	35 207	38 427	39 094	25	54	67
Harvested cropland ----- farms...	17 255 971	17 113 389	16 756 897	10 127	21 666	23 570
----- farms...	34 647	37 829	38 695	24	54	67
----- acres...	11 572 966	13 088 725	12 264 057	6 250	16 604	17 335
Tenants ----- farms...	21 747	24 052	26 563	35	30	60
Harvested cropland ----- farms...	6 418 933	6 149 741	6 927 925	10 269	6 390	14 412
----- farms...	20 396	22 728	25 485	32	27	59
----- acres...	4 512 233	4 915 334	5 326 269	7 281	5 216	11 289
Percent of tenancy ----- percent...	20.7	20.8	21.9	28.2	19.0	23.7
<b>Operators by place of residence:</b>						
On farm operated -----	78 710	87 160	93 726	91	96	172
Not on farm operated -----	20 505	18 304	17 455	27	44	66
Not reported -----	5 965	9 849	10 158	6	18	15
<b>Operators by principal occupation:</b>						
Farming -----	75 279	86 041	92 309	76	103	162
Other -----	29 901	29 372	29 030	48	55	91
<b>Operators by days of work off farm:</b>						
None -----	51 753	55 958	62 890	51	65	113
Any -----	46 229	48 480	51 057	61	73	103
1 to 49 days -----	9 615	12 927	15 341	10	14	14
50 to 99 days -----	3 489	3 473	3 750	5	4	5
100 to 149 days -----	3 325	3 159	3 192	4	7	8
150 to 199 days -----	3 872	3 681	3 701	8	7	14
200 days or more -----	25 928	25 240	25 073	34	41	62
Not reported -----	7 198	10 975	7 392	12	20	37
<b>Operators by years on present farm:</b>						
2 years or less -----	5 787	6 382	(NA)	11	10	(NA)
3 or 4 years -----	5 973	9 037	(NA)	4	15	(NA)
5 to 9 years -----	13 617	17 921	(NA)	23	29	(NA)
10 years or more -----	65 721	63 794	(NA)	54	66	(NA)
Average years on present farm -----	19.7	17.9	(NA)	16.6	15.4	(NA)
Not reported -----	14 082	18 279	(NA)	32	38	(NA)
<b>Operators by age group:</b>						
Under 25 years -----	2 852	5 602	6 339	4	9	14
25 to 34 years -----	17 458	20 346	19 205	22	32	60
35 to 44 years -----	21 282	22 548	23 918	33	29	54
45 to 49 years -----	10 512	10 512	10 512	10	10	10
50 to 54 years -----	11 232	26 104	30 341	11	31	54
55 to 59 years -----	12 608	12 608	12 608	3	3	3
60 to 64 years -----	12 679	27 594	28 959	5	34	36
65 to 69 years -----	7 848	7 848	7 848	5	5	5
70 years and over -----	8 709	13 219	12 577	12	23	35
Average age -----	49.3	47.6	47.5	50.0	47.8	46.4
<b>Operators by sex:</b>						
Male ----- farms...	101 838	112 456	118 461	114	135	230
----- acres...	31 076 208	32 157 958	32 810 229	25 527	33 905	54 158
Female ----- farms...	3 342	2 957	2 878	10	23	23
----- acres...	561 922	454 006	448 004	2 668	4 050	4 285
<b>Operators of Spanish origin (see text) ----- farms...</b>	105	138	214	7	13	14
----- acres...	33 851	42 269	50 840	1 737	2 872	1 918
<b>Operators not of Spanish origin ----- farms...</b>	78 289	(NA)	(NA)	67	(NA)	(NA)
Spanish origin not reported ----- farms...	26 786	(NA)	(NA)	50	(NA)	(NA)
<b>Type of organization:</b>						
Individual or family (sole proprietorship) ----- farms...	89 188	97 610	103 884	103	131	212
----- acres...	25 058 946	25 568 925	26 718 678	22 024	29 006	48 582
Partnership ----- farms...	11 088	13 213	14 345	13	20	30
----- acres...	3 802 372	4 393 079	4 801 920	3 652	6 476	8 206
Corporation ----- farms...	4 404	4 110	2 668	3	6	7
----- acres...	2 659 862	2 541 848	1 621 982	1 069	(D)	1 259
Family held:						
More than 10 stockholders ----- farms...	81	87	50	-	-	1
----- acres...	56 221	67 387	38 764	-	-	(D)
10 or less stockholders ----- farms...	4 013	3 638	2 323	3	4	6
----- acres...	2 512 083	2 336 601	1 464 812	1 069	1 513	(D)
Other than family held:						
More than 10 stockholders ----- farms...	34	36	36	-	-	-
----- acres...	15 152	18 304	44 035	-	-	-
10 or less stockholders ----- farms...	276	349	259	-	2	-
----- acres...	76 406	119 556	74 371	-	(D)	-
Other—cooperative, estate or trust, institutional, etc. ----- farms...	500	480	442	5	1	4
----- acres...	116 950	108 112	115 653	1 450	(D)	396

<sup>1</sup>For classification of social and ethnic groups, see text.

**Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin <sup>1</sup>	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
<b>FARMS AND LAND IN FARMS</b>							
Farms..... number, 1987..	3 342	105	124	47	42	15	20
..... 1982..	2 957	138	158	93	46	10	9
Land in farms..... acres, 1987..	561 922	33 851	28 195	13 574	7 073	2 426	5 122
..... 1982..	454 006	42 269	37 955	25 450	9 451	539	2 515
Harvested cropland..... farms, 1987..	2 549	98	112	44	38	13	17
..... 1982..	2 292	127	144	88	39	9	8
..... acres, 1987..	305 033	19 547	17 716	8 927	4 134	1 547	3 108
..... 1982..	287 967	29 185	28 136	19 308	6 410	383	2 035
<b>1987 FARMS BY SIZE</b>							
1 to 9 acres .....	404	5	12	2	2	4	4
10 to 49 acres .....	660	12	23	11	10	2	-
50 to 139 acres .....	838	23	21	6	11	2	2
140 to 219 acres .....	591	11	18	7	7	-	4
220 to 499 acres .....	630	38	33	12	9	6	6
500 acres or more .....	219	16	17	9	3	1	4
<b>1987 OWNED AND RENTED LAND IN FARMS</b>							
Owned land in farms..... farms..	2 959	87	89	33	33	12	11
..... acres..	413 725	16 779	11 895	4 862	3 822	(D)	(D)
Rented or leased land in farms..... farms..	850	45	60	27	15	6	12
..... acres..	148 197	17 072	16 300	8 712	3 251	(D)	(D)
<b>TENURE OF OPERATOR</b>							
Full owners..... farms, 1987..	2 492	60	64	20	27	9	8
..... 1982..	2 123	65	74	38	24	8	4
..... acres, 1987..	326 067	10 338	7 799	(D)	2 962	971	(D)
..... 1982..	254 409	9 029	9 899	5 889	2 548	(D)	(D)
Part owners..... farms, 1987..	467	27	25	13	6	3	3
..... 1982..	425	43	54	38	13	-	3
..... acres, 1987..	166 228	16 984	10 127	5 625	2 528	(D)	(D)
..... 1982..	132 134	25 044	21 666	15 821	5 155	-	690
Tenants..... farms, 1987..	383	18	35	14	9	3	9
..... 1982..	409	30	30	17	9	2	2
..... acres, 1987..	69 627	6 529	10 269	(D)	1 583	(D)	2 440
..... 1982..	67 463	8 196	6 390	3 740	1 748	(D)	(D)
<b>1987 FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship).....	2 730	84	103	37	40	10	16
Partnership.....	427	8	13	7	1	4	1
Family held corporation.....	131	9	3	-	-	1	2
Other than family held corporation.....	10	1	-	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.....	44	3	5	3	1	-	1
<b>1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales..... farms..	3 342	105	124	47	42	15	20
..... \$1,000..	115 934	6 543	5 673	2 698	1 004	883	1 088
Crops, including nursery and greenhouse crops..... farms..	2 179	92	93	40	28	10	15
..... \$1,000..	51 330	2 947	2 706	1 631	417	189	470
Livestock, poultry, and their products..... farms..	2 075	62	78	24	29	10	15
..... \$1,000..	64 604	3 596	2 967	1 067	588	695	618
Farms by value of sales:							
Less than \$2,500.....	646	7	27	10	13	2	2
\$2,500 to \$9,999.....	815	16	14	2	6	4	2
\$10,000 to \$19,999.....	605	14	20	8	8	1	3
\$20,000 to \$24,999.....	189	7	7	2	3	2	-
\$25,000 or more.....	1 087	61	56	25	12	6	13
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011).....	1 431	55	57	34	10	4	9
Field crops, except cash grains (013).....	92	1	6	1	5	-	-
Cotton (0131).....	-	-	-	-	-	-	-
Tobacco (0132).....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139).....	92	1	6	1	5	-	-
Vegetables and melons (016).....	13	-	3	1	-	2	-
Fruits and tree nuts (017).....	13	-	-	-	-	-	-
Horticultural specialties (018).....	22	-	-	-	-	-	-
General farms, primarily crop (019).....	46	1	3	-	3	-	-
Livestock, except dairy, poultry, and animal specialties (021).....	1 365	37	43	10	18	8	7
Beef cattle, except feedlots (0212).....	576	7	13	3	8	-	2
Dairy farms (024).....	122	5	6	1	2	1	2
Poultry and eggs (025).....	38	1	-	-	-	-	-
Animal specialties (027).....	156	1	6	-	4	-	2
General farms, primarily livestock and animal specialties (029).....	44	4	-	-	-	-	-

See footnotes at end of table.

**Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin <sup>1</sup>	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
<b>1987 OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	2 318	70	91	32	34	10	15
Not on farm operated .....	806	34	27	14	5	4	4
Not reported .....	218	1	6	1	3	1	1
Operators by principal occupation:							
Farming .....	1 848	75	76	27	24	10	15
Other .....	1 494	30	48	20	18	5	5
Operators by days of work off farm:							
None .....	1 668	59	51	23	14	8	6
Any .....	2 347	65	61	35	35	12	13
1 to 99 days .....	243	13	15	4	7	1	3
100 to 199 days .....	1 187	28	12	18	16	6	6
200 days or more .....	917	24	34	13	12	5	4
Not reported .....	244	5	12	2	5	-	5
Operators by years on present farm:							
2 years or less .....	269	7	11	3	5	1	2
3 or 4 years .....	252	7	4	-	-	2	2
5 to 9 years .....	481	15	23	7	9	2	5
10 years or more .....	1 722	58	54	25	20	3	6
Average years on present farm .....	19.9	17.9	16.6	17.8	18.0	15.1	11.0
Not reported .....	618	18	32	12	8	7	5
Operators by age group:							
Under 25 years .....	45	3	4	-	3	-	1
25 to 34 years .....	237	20	22	10	4	3	5
35 to 44 years .....	435	20	33	13	11	3	6
45 to 54 years .....	552	8	24	10	11	2	1
55 to 59 years .....	451	19	3	1	-	1	1
60 to 64 years .....	461	13	5	1	4	-	-
65 to 69 years .....	416	9	12	4	-	4	4
70 years and over .....	745	13	21	8	9	2	2
Average age .....	57.6	51.4	50.0	48.7	49.9	55.9	48.5
Operators by sex:							
Male .....	(X)	103	114	43	38	14	19
Female .....	3 342	2	10	4	4	1	1
Operators of Spanish origin <sup>1</sup> .....	2	105	7	3	1	-	3
<b>1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS</b>							
Amount received from Commodity Credit Corporation loans .....							
farms .....	952	52	38	21	7	3	7
\$1,000 .....	19 147	1 038	785	540	158	33	54
Government payments received .....							
farms .....	1 855	72	54	22	15	7	10
\$1,000 .....	17 446	917	725	384	124	(D)	(D)

<sup>1</sup>See chapter 1, table 16 for operators not of or not reporting Spanish origin.

**Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987**

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets <sup>1</sup> , average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
<b>Total</b> .....	<b>105 180</b>	<b>31 638 130</b>	<b>20 484 178</b>	<b>283 597</b>	<b>52 844</b>	<b>8 926 799</b>	<b>3 660 117</b>	<b>5 266 682</b>
Crops (01).....	53 376	18 537 163	12 895 987	334 940	56 063	3 237 578	2 737 047	500 531
Cash grains (011).....	50 200	18 137 472	12 688 908	346 801	57 960	3 142 700	2 659 099	483 601
Wheat (0111).....	28	5 619	1 544	160 065	31 781	153	144	9
Rice (0112).....	-	-	-	-	-	-	-	-
Corn (0115).....	21 086	7 297 153	5 048 964	342 529	56 371	1 173 210	1 113 486	59 724
Soybeans (0116).....	14 957	4 539 472	3 337 955	300 474	51 998	712 336	695 109	17 226
Cash grains, n.e.c. (0119).....	14 129	6 295 228	4 300 445	405 099	67 100	1 257 002	850 359	406 642
Field crops, except cash grains (013).....	1 451	131 518	62 399	86 444	15 978	10 682	10 111	571
Cotton (0131).....	-	-	-	-	-	-	-	-
Tobacco (0132).....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133).....	1	(D)	(D)	-	-	(D)	(D)	-
Irish potatoes (0134).....	9	(D)	(D)	398 700	97 000	(D)	(D)	(D)
Field crops, except cash grains, n.e.c. (0139).....	1 441	126 235	58 560	83 966	15 323	9 116	(D)	(D)
Vegetables and melons (016).....	213	15 931	9 613	127 358	23 398	5 687	5 577	110
Fruits and tree nuts (017).....	195	7 090	2 553	102 381	17 729	2 713	2 654	59
Berry crops (0171).....	41	(D)	(D)	33 500	3 268	264	262	2
Grapes (0172).....	1	(D)	(D)	-	-	(D)	(D)	-
Tree nuts (0173).....	-	-	-	-	-	-	-	-
Citrus fruits (0174).....	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175).....	104	4 635	1 816	135 898	24 506	2 260	2 210	50
Fruits and tree nuts, n.e.c. (0179).....	49	1 399	478	73 377	12 057	(D)	(D)	7
Horticultural specialties (018).....	278	13 229	7 197	186 125	40 771	38 520	38 413	108
Ornamental floriculture and nursery products (0181).....	274	13 179	7 159	185 008	40 684	37 869	37 781	108
Food crops grown under cover (0182).....	4	50	38	480 000	68 938	651	651	-
General farms, primarily crop (019).....	1 039	231 923	125 317	191 247	30 280	37 276	21 193	16 082
Livestock and animal specialties (02).....	51 804	13 100 967	7 588 191	229 190	49 444	5 689 221	923 070	4 766 151
Livestock, except dairy, poultry, and animal specialties (021).....	43 979	11 483 078	6 624 630	233 016	49 112	4 946 285	836 909	4 109 376
Beef cattle feedlots (0211).....	7 275	2 510 111	1 514 664	316 540	63 844	1 556 119	170 587	1 385 532
Beef cattle, except feedlots (0212).....	10 095	1 722 370	503 620	110 139	21 931	274 761	39 459	235 302
Hogs (0213).....	19 035	4 696 379	3 083 708	246 360	56 366	2 362 775	414 190	1 948 585
Sheep and goats (0214).....	1 710	80 313	21 274	62 592	10 190	29 256	2 069	27 187
General livestock, except dairy, poultry, and animal specialties (0219).....	5 864	2 473 905	1 501 364	350 151	86 118	723 374	210 604	512 770
Dairy farms (024).....	4 209	997 836	621 736	224 088	61 652	392 666	38 381	354 286
Poultry and eggs (025).....	570	72 274	43 710	210 700	59 095	196 398	8 725	187 673
Broiler, fryer, and roaster chickens (0251).....	48	1 317	(D)	46 615	5 905	385	(D)	(D)
Chicken eggs (0252).....	321	31 150	19 292	173 514	53 482	98 800	3 964	94 836
Turkeys and turkey eggs (0253).....	146	34 433	22 271	395 453	100 947	88 109	4 455	83 654
Poultry hatcheries (0254).....	13	209	(D)	439 167	259 503	7 706	(D)	(D)
Poultry and eggs, n.e.c. (0259).....	42	5 165	1 792	114 827	17 112	1 418	282	1 136
Animal specialties (027).....	1 601	64 967	9 311	70 620	12 621	14 105	749	13 355
Fur-bearing animals and rabbits (0271).....	66	4 367	1 922	145 980	59 182	5 419	343	5 076
Horses and other equines (0272).....	1 364	55 086	6 329	70 287	10 777	5 082	306	4 776
Animal aquaculture (0273).....	8	1 291	(D)	131 250	34 375	248	(D)	(D)
Animal specialties, n.e.c. (0279).....	163	4 223	(D)	42 105	12 995	3 355	(D)	(D)
General farms, primarily livestock and animal specialties (029).....	1 445	482 812	288 804	307 652	60 214	139 767	38 306	101 461

<sup>1</sup>Data are based on a sample of farms.

**Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	1987	1982	Characteristics	1987	1982
Farms ----- number .....	45	44	Market value of agricultural products sold ----- \$1,000 ..	4 431	5 752
Land in farms ----- acres .....	19 811	22 410	Average per farm ----- dollars ..	98 462	130 727
Average size of farm ----- acres ..	440	509			
			Crops, including nursery and greenhouse crops ----- \$1,000 ..	1 080	1 153
Value of land and buildings <sup>1</sup> ----- \$1,000 ..	24 798	43 498	Livestock, poultry, and their products ----- \$1,000 ..	3 351	4 599
Average per farm ----- dollars ..	551 067	988 591			
Average per acre ----- dollars ..	1 252	1 941	Total farm production expenses <sup>1</sup> ----- \$1,000 ..	3 564	(NA)
			Average per farm ----- dollars ..	79 204	(NA)
Estimated market value of all machinery and equipment <sup>1</sup> ----- \$1,000 ..	2 575	3 478	Tenure of operator:		
			Full owners -----	25	27
			Part owners -----	9	9
			Tenants -----	11	8
Land in farms according to use:			Abnormal farms by standard industrial classification:		
Total cropland ----- farms ..	41	41	Cash grains (011) -----	15	15
acres ..	12 183	15 811	Field crops, except cash grains (013) -----	1	1
Harvested cropland ----- farms ..	40	39	Cotton (0131) -----	-	-
acres ..	8 776	12 308	Tobacco (0132) -----	-	-
Cropland used only for pasture or grazing ----- farms ..	18	18	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	1	1
acres ..	2 309	1 708			
Other cropland ----- farms ..	22	(NA)	Vegetables and melons (016) -----	-	-
acres ..	1 098	1 795	Fruits and tree nuts (017) -----	-	-
			Horticultural specialties (018) -----	-	-
Total woodland ----- farms ..	16	8	General farms, primarily crop (019) -----	1	-
acres ..	1 981	463			
Woodland pastured ----- farms ..	7	5	Livestock, except dairy, poultry, and animal specialties (021) -----	22	20
acres ..	(D)	396	Beef cattle, except feedlots (0212) -----	2	3
Woodland not pastured ----- farms ..	11	3			
acres ..	(D)	67	Dairy farms (024) -----	2	2
			Poultry and eggs (025) -----	1	1
Pastureland and rangeland other than cropland and woodland pastured ----- farms ..	19	13	Animal specialties (027) -----	-	-
acres ..	3 881	3 070	General farms, primarily livestock and animal specialties (029) -----	3	5
Land in house lots, ponds, roads, wasteland, etc. ----- farms ..	35	38			
acres ..	1 766	3 066			
Irrigated land ----- farms ..	-	-			
acres ..	-	-			

<sup>1</sup>Data are based on a sample of farms.

**Table 20. Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory			Sales		
		Farms	Number	Value <sup>1</sup> (\$1,000)	Farms	Number	Value (\$1,000)
Livestock and poultry	1987..	73 046	(X)	3 474 370	72 438	(X)	5 266 682
	1982..	85 897	(X)	3 746 734	85 613	(X)	5 685 846
	1978..	93 352	(X)	4 035 312	93 571	(X)	5 039 742
Poultry	1987..	6 472	(X)	27 306	3 643	(X)	192 229
	1982..	9 281	(X)	25 257	5 208	(X)	164 052
	1978..	11 707	(X)	23 997	7 168	(X)	144 609
Livestock	1987..	72 312	(X)	3 447 064	71 761	(X)	5 074 453
	1982..	85 041	(X)	3 721 477	84 897	(X)	5 521 794
	1978..	92 325	(X)	4 011 315	92 749	(X)	4 895 133
Any cattle, hogs, or sheep	1987..	68 468	(X)	3 417 395	70 301	(X)	4 665 030
	1982..	81 743	(X)	3 700 966	83 639	(X)	5 077 366
	1978..	89 756	(X)	4 001 977	91 745	(X)	4 569 703
Cattle and calves	1987..	49 469	4 303 682	2 353 512	50 509	3 539 020	2 124 641
	1982..	62 412	5 822 488	2 358 051	62 765	4 595 676	2 500 175
	1978..	69 226	6 531 710	2 660 650	70 693	5 457 944	2 483 937
Cows and heifers that had calved	1987..	38 373	1 418 633	948 493	(NA)	(NA)	(NA)
	1982..	48 561	1 876 061	961 016	(NA)	(NA)	(NA)
	1978..	53 235	1 946 154	1 019 021	(NA)	(NA)	(NA)
Beef cows	1987..	32 279	1 123 745	674 247	(NA)	(NA)	(NA)
	1982..	41 117	1 536 397	614 559	(NA)	(NA)	(NA)
	1978..	44 755	1 606 685	771 209	(NA)	(NA)	(NA)
Milk cows	1987..	7 748	294 888	274 246	(NA)	(NA)	(NA)
	1982..	10 485	339 664	346 457	(NA)	(NA)	(NA)
	1978..	12 623	339 469	247 812	(NA)	(NA)	(NA)
Hogs and pigs	1987..	36 670	12 983 074	1 019 173	38 638	23 483 812	2 494 231
	1982..	45 768	14 332 644	1 318 599	49 012	23 801 117	2 550 488
	1978..	57 325	14 695 418	1 315 240	60 065	22 082 311	2 061 298
Feeder pigs sold	1987..	(X)	(X)	(X)	8 972	4 460 979	209 249
	1982..	(X)	(X)	(X)	10 819	4 308 866	207 325
	1978..	(X)	(X)	(X)	12 676	3 851 207	170 594
Sheep and lambs <sup>2</sup>	1987..	8 636	451 617	44 710	8 806	607 492	46 157
	1982..	9 988	486 316	24 316	10 327	496 676	26 703
	1978..	8 827	380 824	26 086	8 933	394 255	24 468
Horses and ponies	1987..	11 647	59 338	29 669	2 453	9 909	7 487
	1982..	14 106	68 368	20 510	2 917	10 809	10 709
	1978..	14 679	62 257	9 339	2 659	9 590	6 750
Chickens 3 months old or older <sup>3</sup>	1987..	4 897	9 580 666	15 192	908	9 873 596	(NA)
	1982..	7 637	9 584 663	16 429	2 156	10 248 391	(NA)
	1978..	10 050	9 343 813	16 077	3 326	10 607 149	(NA)
Hens and pullets of laying age	1987..	4 834	8 212 576	13 140	847	5 606 848	(NA)
	1982..	7 543	8 234 227	13 998	2 095	5 274 345	(NA)
	1978..	9 932	8 107 303	14 593	3 248	6 133 863	(NA)
Broilers and other meat-type chickens	1987..	1 541	255 584	176	1 060	666 016	(NA)
	1982..	1 991	215 257	129	1 041	429 389	(NA)
	1978..	2 129	278 826	223	1 142	675 938	(NA)
Turkeys	1987..	895	2 437 135	11 938	407	9 594 632	(NA)
	1982..	841	1 493 036	8 699	337	7 297 838	(NA)
	1978..	515	1 421 183	7 697	278	6 677 299	(NA)

<sup>1</sup>Data are estimated; see text.

<sup>2</sup>Value of sales includes sheep, lambs, and wool sold.

<sup>3</sup>Sales for 1987 include pullets of less than 3 months old.

**Table 21. Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982		Item	1987		1982	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
<b>INVENTORY</b>					<b>SALES</b>				
Chickens 3 months old or older	4 897	9 580 666	7 637	9 584 663	Hens and pullets <sup>1</sup>	908	9 873 596	2 156	10 248 391
Farms with—					Farms with—				
1 to 3,199	4 631	387 751	7 282	753 238	1 to 3,199	616	128 910	1 784	430 275
3,200 to 9,999	93	614 487	149	996 660	3,200 to 9,999	121	776 486	196	1 210 198
10,000 or more	173	8 578 428	206	7 834 765	10,000 or more	171	8 968 200	176	8 607 918
Hens and pullets of laying age	4 834	8 212 576	7 543	8 234 227	Hens and pullets of laying age	847	5 606 848	2 095	5 274 345
Farms with—					Farms with—				
1 to 99	3 623	97 719	5 220	149 793	1 to 99	325	11 492	645	26 677
100 to 399	816	147 691	1 634	300 088	100 to 399	201	36 943	910	183 069
400 to 3,199	151	114 111	350	256 674	400 to 3,199	69	70 250	215	216 965
3,200 to 9,999	90	606 452	150	1 001 603	3,200 to 9,999	117	754 906	192	1 185 234
10,000 to 19,999	79	999 137	105	1 373 243	10,000 to 19,999	75	995 681	75	998 747
20,000 to 49,999	39	1 212 090	53	1 616 385	20,000 to 49,999	34	1 083 418	41	1 264 946
50,000 to 99,999	22	1 455 372	19	1 127 219	50,000 to 99,999	15	1 066 833	12	759 314
100,000 or more	14	3 580 004	12	2 409 222	100,000 or more	11	1 587 325	5	639 393
Broilers and other meat-type chickens	1 541	255 584	1 991	215 257	Broilers and other meat-type chickens	1 060	666 016	1 041	429 389
Turkeys	895	2 437 135	841	1 493 036	Turkeys	407	9 594 632	337	7 297 838
For slaughter	680	2 365 246	624	1 392 558	For slaughter	382	9 527 469	314	7 216 491
Hens kept for breeding	345	71 889	355	100 478	Hens kept for breeding	44	67 163	37	81 347
Ducks, geese, and other poultry	1 509	(X)	1 977	(X)	Ducks, geese, and other poultry	387	(X)	431	(X)

<sup>1</sup>Sales for 1987 include pullets of less than 3 months old.

**Table 22. Broilers and Started Pullets—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older not of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
<b>Total</b> .....	<b>1 060</b>	<b>666 016</b>	<b>1 041</b>	<b>429 389</b>	<b>86</b>	<b>4 266 748</b>	<b>86</b>	<b>4 974 046</b>
Farms with—								
1 to 1,999 .....	1 021	231 336	1 012	188 795	42	7 991	29	(D)
2,000 to 15,999 .....	33	140 880	24	107 594	6	35 814	8	(D)
16,000 to 29,999 .....	3	63 500	3	(D)	5	117 000	9	219 500
30,000 to 59,999 .....	2	(D)	2	(D)	7	340 000	6	273 500
60,000 to 99,999 .....	-	-	-	-	11	768 858	15	1 153 125
100,000 to 199,999 .....	1	(D)	-	-	9	1 191 060	13	1 861 203
200,000 to 499,999 .....	-	-	-	-	5	(D)	6	1 410 000
500,000 or more .....	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	-	-	-	-	1	(D)	-	-

**Table 23. Poultry—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age		Farms	Number	Farms	Number
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
<b>Total inventory</b> .....	<b>4 897</b>	<b>9 580 666</b>	<b>4 834</b>	<b>8 212 576</b>	<b>487</b>	<b>1 368 090</b>	<b>94</b>	<b>953 199</b>	<b>806</b>	<b>97 585</b>
Farms with—										
1 to 99 .....	3 615	100 544	3 582	95 299	311	5 245	61	1 608	658	69 602
100 to 399 .....	841	152 725	832	144 079	106	8 646	18	1 671	119	16 381
400 to 1,599 .....	158	96 464	158	86 119	32	10 345	1	(D)	26	10 722
1,600 to 3,199 .....	17	38 018	16	30 464	5	7 554	2	(D)	-	-
3,200 to 9,999 .....	93	614 487	89	591 137	6	23 350	1	(D)	3	880
10,000 to 19,999 .....	82	1 033 012	81	1 001 212	4	31 800	2	(D)	-	-
20,000 to 49,999 .....	50	1 508 490	40	1 228 890	11	279 600	1	(D)	-	-
50,000 to 99,999 .....	25	1 703 922	21	1 396 872	4	307 050	2	(D)	-	-
100,000 or more .....	16	4 333 004	15	3 638 504	8	694 500	6	865 500	-	-
No inventory .....	(X)	(X)	(X)	(X)	(X)	(X)	23	427 844	735	157 999
Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age		Farms	Number	Farms	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value (\$1,000)
<b>Total inventory</b> .....	<b>805</b>	<b>7 395 576</b>	<b>772</b>	<b>5 308 805</b>	<b>55</b>	<b>2 086 771</b>	<b>374</b>	<b>121 908</b>	<b>2 454</b>	<b>95 224</b>
Farms with—										
1 to 99 .....	259	104 268	249	103 799	18	469	272	78 176	1 192	790
100 to 399 .....	201	32 536	199	31 521	7	1 015	79	26 315	823	1 356
400 to 1,599 .....	72	29 156	71	27 738	4	1 418	18	(D)	157	722
1,600 to 3,199 .....	9	20 314	8	(D)	2	(D)	1	(D)	16	487
3,200 to 9,999 .....	93	520 970	90	503 340	5	17 630	4	1 992	93	5 471
10,000 to 19,999 .....	82	870 037	81	(D)	1	(D)	-	-	82	9 205
20,000 to 49,999 .....	49	1 607 911	39	920 911	11	687 000	-	-	50	12 800
50,000 to 99,999 .....	25	1 754 837	21	1 114 812	4	640 025	-	-	25	18 591
100,000 or more .....	15	2 455 547	14	1 745 547	3	710 000	-	-	16	45 802
No inventory .....	103	2 478 020	75	298 043	31	2 179 977	686	544 108	1 189	97 004

**Table 24. Turkeys—Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold.....	407	9 594 632	382	9 527 469	44	67 163
Farms with—						
1 to 1,999.....	228	11 010	213	9 097	28	1 913
2,000 to 7,999.....	36	175 823	26	135 773	10	40 050
8,000 to 15,999.....	21	229 178	21	(D)	1	(D)
16,000 to 29,999.....	36	809 655	36	(D)	1	(D)
30,000 to 59,999.....	43	1 849 412	43	1 849 412	—	—
60,000 to 99,999.....	25	1 864 376	25	(D)	1	(D)
100,000 or more.....	18	4 655 178	18	4 642 978	3	12 200

**Table 25. Cattle and Calves—Inventory: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves.....	49 469	4 303 682	62 412	5 822 488
Farms with—				
1 to 9.....	4 928	25 026	5 919	29 783
10 to 19.....	5 734	80 721	6 410	91 276
20 to 49.....	13 985	458 833	16 782	557 424
50 to 99.....	12 289	863 466	15 755	1 106 870
100 to 199.....	8 310	1 111 080	11 296	1 521 816
200 to 499.....	3 423	961 296	5 122	1 450 807
500 to 999.....	587	386 611	837	546 178
1,000 to 2,499.....	166	230 656	248	338 515
2,500 or more.....	47	185 993	43	179 819
Cows and heifers that had calved.....	38 373	1 418 633	48 561	1 876 061
Farms with—				
1 to 9.....	6 127	31 086	7 297	35 765
10 to 19.....	7 851	110 322	9 493	133 573
20 to 49.....	15 214	477 588	19 486	611 326
50 to 99.....	7 007	457 594	9 154	597 564
100 to 199.....	1 826	226 660	2 570	318 379
200 to 499.....	310	83 457	504	132 418
500 to 999.....	31	19 485	44	26 860
1,000 or more.....	7	12 441	13	20 176
Beef cows.....	32 279	1 123 745	41 117	1 536 397
Farms with—				
1 to 9.....	5 883	30 117	6 937	34 856
10 to 19.....	7 337	102 885	8 774	123 148
20 to 49.....	12 314	378 182	15 819	487 541
50 to 99.....	4 965	325 104	6 903	452 663
100 to 199.....	1 467	182 308	2 152	267 290
200 to 499.....	276	74 024	476	124 724
500 to 999.....	30	18 684	43	26 000
1,000 or more.....	7	12 441	13	20 175
Milk cows.....	7 748	294 888	10 485	339 664
Farms with—				
1 to 4.....	880	1 434	1 774	2 634
5 to 9.....	278	1 983	388	2 713
10 to 29.....	2 008	39 483	3 010	58 216
30 to 49.....	2 332	88 813	2 983	111 564
50 to 99.....	1 955	123 685	2 048	128 748
100 to 199.....	272	32 759	264	30 962
200 to 499.....	22	(D)	18	4 827
500 or more.....	1	(D)	—	—
Heifers and heifer calves.....	38 383	1 275 321	48 981	1 663 560
Steers, steer calves, bulls, and bull calves.....	42 527	1 609 728	54 603	2 282 867

**Table 26. Cattle and Calves—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text.]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves sold -----	50 509	3 539 020	2 124 641	62 765	4 595 676	2 500 175
Farms with—						
1 to 9 -----	9 997	50 706	23 405	11 711	59 919	23 638
10 to 19 -----	10 678	149 712	68 066	12 552	175 684	69 181
20 to 49 -----	16 239	505 387	241 719	20 119	625 988	261 229
50 to 99 -----	7 185	487 377	259 649	9 131	619 954	291 799
100 to 199 -----	3 336	446 583	262 424	4 839	652 197	346 453
200 to 499 -----	2 052	605 600	385 324	3 026	892 200	517 394
500 to 999 -----	643	425 222	284 098	954	623 877	384 395
1,000 to 2,499 -----	286	402 877	274 763	339	488 430	307 338
2,500 or more -----	93	465 556	325 193	94	457 427	298 747
Cattle sold -----	43 833	3 183 624	2 023 290	53 792	4 100 923	2 377 742
Farms with—						
1 to 9 -----	10 808	50 980	26 248	13 144	61 390	27 515
10 to 19 -----	8 851	122 463	63 737	10 232	141 106	65 267
20 to 49 -----	12 448	386 556	209 885	14 694	455 982	222 674
50 to 99 -----	5 856	398 851	231 587	7 284	496 873	258 859
100 to 199 -----	2 967	398 311	246 730	4 284	577 292	324 310
200 to 499 -----	1 923	569 886	374 362	2 837	840 224	502 541
500 to 999 -----	611	404 836	276 763	912	597 785	376 389
1,000 or more -----	369	851 741	593 978	421	930 271	600 187
Cattle fattened on grain and concentrates sold -----	22 503	2 405 669	1 643 176	28 535	3 140 912	1 966 120
Farms with—						
1 to 9 -----	4 447	20 705	12 596	5 179	24 358	13 224
10 to 19 -----	3 847	53 578	33 372	4 616	64 246	35 704
20 to 49 -----	6 270	196 879	124 824	7 660	241 050	137 988
50 to 99 -----	3 433	236 926	156 262	4 440	305 288	179 257
100 to 199 -----	2 044	278 518	186 559	3 137	426 263	259 153
200 to 499 -----	1 596	477 160	326 634	2 320	692 886	432 935
500 to 999 -----	526	347 116	244 581	798	524 036	340 187
1,000 to 2,499 -----	254	357 730	252 811	294	427 677	279 924
2,500 or more -----	86	437 057	305 537	91	435 108	287 746
Calves sold -----	16 116	355 396	101 352	21 612	494 753	122 433
Farms with—						
1 to 9 -----	6 057	26 638	7 140	7 609	34 568	7 691
10 to 19 -----	4 373	59 443	15 934	5 118	77 535	17 721
20 to 49 -----	4 340	125 659	35 361	6 217	181 298	43 405
50 to 99 -----	960	62 243	19 102	1 526	99 333	26 529
100 to 199 -----	276	34 689	10 673	391	49 406	13 933
200 to 499 -----	81	22 165	5 664	124	32 744	8 356
500 or more -----	29	24 559	7 477	27	19 869	4 797

**Table 27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text.]

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number	Farms	Number			
Total inventory -----	49 469	4 303 682	38 373	1 418 633	38 383	1 275 321	42 527	1 609 728	47 765	3 380 301	2 027 307
Farms with—											
1 to 9 -----	4 928	25 026	2 578	8 724	2 740	6 703	3 382	9 599	3 241	33 249	17 660
10 to 19 -----	5 734	80 721	4 085	34 848	3 830	20 452	4 578	25 421	5 732	71 280	34 253
20 to 49 -----	13 965	458 833	11 449	212 806	10 718	113 592	12 157	132 435	13 982	308 700	147 510
50 to 99 -----	12 289	863 466	10 511	373 474	10 459	235 143	11 018	254 849	12 285	503 051	261 766
100 to 199 -----	8 310	1 111 080	6 985	430 651	7 249	328 774	7 554	351 655	8 306	655 903	368 758
200 to 499 -----	3 423	961 296	2 432	267 208	2 795	293 824	3 135	400 264	3 419	774 033	488 286
500 to 999 -----	587	386 611	262	56 900	432	132 057	510	197 654	587	435 424	293 741
1,000 to 2,499 -----	166	230 656	62	23 265	123	74 884	150	132 507	166	301 811	207 092
2,500 or more -----	47	185 993	9	10 757	37	69 892	43	105 344	47	296 850	208 240
No inventory -----	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2 744	158 719	97 334

**Table 28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves		Farms	Number	Value (\$1,000)
	Farms	Number	Farms	Number	Farms	Number	Farms	Number			
Total inventory .....	38 373	3 074 811	38 373	1 418 633	32 129	811 572	33 871	844 606	37 520	1 721 170	921 605
Farms with—											
1 to 4 .....	2 601	28 356	2 601	6 605	1 828	9 911	1 952	11 840	1 845	24 758	13 333
5 to 9 .....	3 526	60 388	3 526	24 481	2 766	16 875	2 981	19 032	3 444	39 917	19 763
10 to 19 .....	7 851	250 658	7 851	110 322	6 358	63 829	7 033	76 507	7 847	154 563	76 941
20 to 29 .....	6 717	350 074	6 717	159 158	5 644	91 426	6 061	89 490	6 715	205 083	105 274
30 to 49 .....	8 497	625 231	8 497	318 430	7 367	185 375	7 563	182 426	8 494	352 395	182 152
50 to 99 .....	7 007	986 449	7 007	457 594	6 264	265 105	6 316	263 750	7 004	511 089	275 219
100 to 199 .....	1 826	481 739	1 826	226 660	1 620	124 662	1 668	130 417	1 824	269 383	151 511
200 to 499 .....	310	171 880	310	83 457	254	42 579	268	45 844	309	114 479	67 713
500 to 999 .....	31	42 223	31	19 485	23	9 510	24	13 228	31	36 533	23 082
1,000 or more .....	7	16 813	7	12 441	5	2 300	5	2 072	7	12 970	6 617
No inventory .....	11 096	1 228 871	(X)	(X)	6 254	463 749	8 656	765 122	12 989	1 817 850	1 203 036

**Table 29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory .....	32 279	2 540 997	32 279	1 166 956	32 279	1 123 745	26 480	623 842	29 284	750 199
Farms with—										
1 to 4 .....	2 455	34 766	2 455	10 960	2 455	6 367	1 773	11 772	1 903	12 034
5 to 9 .....	3 428	67 301	3 428	28 202	3 428	23 750	2 702	19 009	2 945	20 091
10 to 19 .....	7 337	248 891	7 337	110 867	7 337	102 885	5 914	61 198	6 683	76 826
20 to 29 .....	5 858	321 177	5 858	146 217	5 858	138 371	4 869	80 037	5 416	94 923
30 to 49 .....	6 456	538 488	6 456	249 312	6 456	239 811	5 410	131 640	6 004	157 536
50 to 99 .....	4 965	724 061	4 965	331 495	4 965	325 104	4 292	174 489	4 694	218 077
100 to 199 .....	1 467	395 967	1 467	184 155	1 467	182 308	1 270	97 086	1 371	114 726
200 to 499 .....	276	152 110	276	74 622	276	74 024	222	36 802	239	40 686
500 to 999 .....	30	41 423	30	18 685	30	18 684	23	9 510	24	13 228
1,000 or more .....	7	16 813	7	12 441	7	12 441	5	2 300	5	2 072
No inventory .....	17 190	1 762 685	6 094	251 677	(X)	(X)	11 903	651 479	13 243	859 529

Beef cows	Cattle and calves sales											
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory .....	31 561	1 530 934	838 552	26 843	1 301 587	766 957	13 009	829 026	548 328	10 475	229 347	71 595
Farms with—												
1 to 4 .....	1 805	23 487	12 148	1 513	19 357	11 057	621	9 933	6 414	671	4 130	1 091
5 to 9 .....	3 369	41 896	20 696	2 755	33 099	18 126	1 105	16 270	10 154	1 260	8 797	2 571
10 to 19 .....	7 333	151 703	76 251	6 053	120 997	66 944	2 526	64 978	41 257	2 687	30 706	9 307
20 to 29 .....	5 857	192 666	100 623	4 943	157 034	89 954	2 370	95 191	62 106	1 991	35 632	10 669
30 to 49 .....	6 454	303 710	163 131	5 551	251 271	146 237	2 920	158 627	104 378	2 021	52 439	16 894
50 to 99 .....	4 964	426 132	237 295	4 396	366 002	218 216	2 465	238 510	159 653	1 408	60 130	19 079
100 to 199 .....	1 467	236 964	136 203	1 337	210 848	127 476	811	142 088	95 062	369	26 116	8 726
200 to 499 .....	275	105 773	62 686	262	99 189	60 373	165	66 863	44 416	57	6 584	2 313
500 to 999 .....	30	35 633	22 902	28	34 026	22 325	23	28 779	19 789	7	1 607	577
1,000 or more .....	7	12 970	6 617	5	9 764	6 249	3	7 787	5 099	4	3 206	368
No inventory .....	18 948	2 008 086	1 286 090	16 990	1 882 037	1 256 333	9 494	1 576 643	1 094 849	5 641	126 049	29 757

**Table 30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory .....	7 748	709 720	7 748	339 792	7 748	294 868	7 151	231 254	6 143	138 674
Farms with—										
1 to 4 .....	880	35 473	880	14 969	880	1 434	690	9 775	716	10 729
5 to 9 .....	278	8 100	278	3 856	278	1 983	230	2 197	210	2 047
10 to 19 .....	870	34 062	870	15 522	870	12 357	768	10 210	681	8 330
20 to 29 .....	1 138	65 941	1 138	32 068	1 138	27 126	1 046	20 399	922	13 474
30 to 49 .....	2 332	205 417	2 332	99 120	2 332	88 813	2 240	66 758	1 850	39 539
50 to 99 .....	1 955	275 147	1 955	132 454	1 955	123 685	1 892	93 695	1 531	48 998
100 to 199 .....	272	69 923	272	34 687	272	32 759	265	23 739	216	11 497
200 to 499 .....	22	(D)	22	(D)	22	(D)	20	4 481	17	4 060
500 or more .....	1	(D)	1	(D)	1	(D)	-	-	-	-
No inventory .....	41 721	3 593 962	30 625	1 078 841	(X)	(X)	31 232	1 044 067	36 384	1 471 054

Milk cows	Cattle and calves sales								Dairy product sales	
	Total			Cattle		Calves				
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Value (\$1,000)	
	Total inventory .....	7 583	260 509	118 176	6 474	185 514	4 186	74 995	6 855	387 875
Farms with—										
1 to 4 .....	738	20 405	10 276	610	15 842	316	4 563	100	322	
5 to 9 .....	261	3 686	1 655	215	2 731	138	955	194	1 471	
10 to 19 .....	870	15 262	6 709	723	10 580	469	4 682	841	12 786	
20 to 29 .....	1 137	25 924	11 171	977	17 807	661	8 117	1 138	31 212	
30 to 49 .....	2 331	70 730	30 539	1 994	49 729	1 325	21 001	2 332	113 382	
50 to 99 .....	1 953	91 098	41 360	1 698	63 967	1 122	27 131	1 955	170 936	
100 to 199 .....	270	25 443	12 103	236	18 627	140	6 816	272	47 818	
200 to 499 .....	22	(D)	(D)	20	(D)	14	(D)	22	(D)	
500 or more .....	1	(D)	(D)	1	(D)	1	(D)	1	(D)	
No inventory .....	42 926	3 278 511	2 006 465	37 359	2 998 110	11 930	280 401	193	4 409	

**Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
	Total sold.....	50 509	3 539 020	2 124 641	43 833	3 183 624	2 023 290	22 503	2 405 669	1 643 176	16 116	355 396
Farms with—												
1 to 4 .....	4 211	10 911	5 206	3 391	8 273	4 472	1 313	3 254	2 002	1 201	2 638	734
5 to 9 .....	5 786	39 795	18 199	4 669	28 834	15 087	1 859	11 196	6 836	2 086	10 961	3 112
10 to 19 .....	10 678	149 712	68 066	8 783	107 112	56 216	3 604	44 128	27 287	4 125	42 600	11 851
20 to 49 .....	16 239	505 387	241 719	14 126	384 917	208 407	6 732	183 941	116 589	5 815	120 470	33 311
50 to 99 .....	7 185	487 377	259 649	6 654	410 889	237 234	3 988	237 756	156 273	1 942	76 488	22 415
100 to 199 .....	3 336	446 583	262 424	3 197	404 493	249 852	2 371	287 350	192 284	619	42 090	12 572
200 to 499 .....	2 052	605 600	385 324	2 010	576 201	377 226	1 718	482 338	329 727	243	29 399	8 098
500 to 999 .....	643	425 222	284 098	628	408 472	279 349	571	357 988	252 056	59	16 750	4 749
1,000 or more .....	379	868 433	599 956	375	854 433	595 447	347	797 718	560 127	26	14 000	4 509

**Table 32. Hogs and Pigs—Inventory: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Total hogs and pigs .....	36 670	12 983 074	45 768	14 332 644
Farms with—				
1 to 24 .....	3 530	42 649	4 636	55 308
25 to 49 .....	2 560	91 005	3 419	121 726
50 to 99 .....	4 220	299 808	5 723	407 805
100 to 199 .....	6 766	951 249	9 005	1 249 137
200 to 499 .....	11 269	3 523 643	13 906	4 276 523
500 to 999 .....	5 768	3 837 424	6 612	4 358 898
1,000 to 1,999 .....	2 010	2 576 756	2 003	2 545 851
2,000 to 4,999 .....	499	1 334 486	437	1 144 361
5,000 or more .....	48	326 054	27	173 035
Hogs and pigs used or to be used for breeding .....	26 944	1 657 873	34 170	1 700 805
Farms with—				
1 to 24 .....	8 545	113 898	13 627	178 458
25 to 49 .....	6 939	241 469	8 997	310 234
50 to 99 .....	6 848	459 585	7 353	482 575
100 to 199 .....	3 467	441 236	3 204	400 935
200 or more .....	1 145	401 685	989	328 603
Other hogs and pigs .....	35 152	11 325 201	43 491	12 631 839

**Table 33. Hogs and Pigs—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold .....	38 638	23 483 812	2 494 231	49 012	23 801 117	2 550 488
Farms with—						
1 to 24 .....	2 320	28 689	3 332	3 196	38 947	4 626
25 to 49 .....	2 040	72 957	8 125	2 818	101 822	11 441
50 to 99 .....	3 389	244 473	26 817	5 243	(D)	(D)
100 to 199 .....	5 290	747 604	81 699	8 250	(D)	(D)
200 to 499 .....	10 628	3 394 492	371 740	14 256	4 514 106	496 158
500 to 999 .....	8 115	5 645 377	620 810	9 076	6 253 614	683 560
1,000 to 1,999 .....	4 890	6 483 827	706 344	4 627	6 036 335	653 560
2,000 to 4,999 .....	1 692	4 542 237	481 239	1 332	3 573 202	383 990
5,000 or more .....	274	2 324 156	194 125	214	1 743 358	146 022
Feeder pigs sold .....	8 972	4 460 979	209 249	10 819	4 308 866	207 325
Farms with—						
1 to 9 .....	204	1 228	54	267	1 541	73
10 to 49 .....	1 372	37 956	1 692	1 804	51 783	2 390
50 to 99 .....	1 290	89 556	4 110	1 815	127 701	6 066
100 to 199 .....	1 567	216 842	9 965	2 045	277 148	13 104
200 to 499 .....	2 251	687 229	31 838	2 647	812 084	38 488
500 to 999 .....	1 277	878 264	41 530	1 340	898 718	43 457
1,000 or more .....	1 011	2 549 904	120 061	901	2 139 891	103 748
Other hogs and pigs sold .....	36 810	19 022 833	2 284 913	46 466	19 492 251	2 343 163
Farms with—						
1 to 24 .....	3 410	40 807	5 530	(NA)	(NA)	(NA)
25 to 49 .....	2 440	86 712	11 054	(NA)	(NA)	(NA)
50 to 99 .....	3 565	253 472	31 399	(NA)	(NA)	(NA)
100 to 199 .....	5 186	728 018	89 062	(NA)	(NA)	(NA)
200 to 499 .....	9 586	3 053 142	369 403	(NA)	(NA)	(NA)
500 to 999 .....	7 111	4 935 353	593 889	(NA)	(NA)	(NA)
1,000 to 1,999 .....	4 056	5 358 821	641 774	(NA)	(NA)	(NA)
2,000 to 4,999 .....	1 315	3 529 553	420 422	(NA)	(NA)	(NA)
5,000 or more .....	141	1 036 955	122 380	(NA)	(NA)	(NA)

**Table 34. Hogs and Pigs—Litters Farrowed: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Litters	1987		1982	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30 .....	28 037	2 495 867	35 737	2 548 849
Farms with—				
1 to 9 .....	2 576	12 408	3 770	17 858
10 to 19 .....	2 902	39 814	4 576	62 244
20 to 49 .....	7 789	250 352	11 352	360 350
50 to 99 .....	6 667	462 052	8 219	560 610
100 to 199 .....	5 244	700 200	5 416	711 608
200 to 499 .....	2 469	679 035	2 091	565 721
500 or more .....	390	352 006	313	270 458
Dec. 1 of preceding year and May 31 .....	26 110	1 251 973	32 787	1 278 535
June 1 and Nov. 30 .....	25 992	1 243 894	32 268	1 270 314

**Table 35. Hogs and Pigs—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total inventory .....	36 670	12 983 074	26 944	1 657 873	35 152	11 325 201	36 338	22 959 767	2 434 554	8 752	4 422 009	207 447
Farms with—												
1 to 9 .....	1 349	6 579	591	2 548	1 002	4 031	1 019	53 253	5 577	225	10 147	399
10 to 24 .....	2 181	36 070	1 373	15 376	1 608	20 694	2 181	201 783	18 773	629	69 034	2 996
25 to 99 .....	6 780	390 813	4 493	90 629	6 273	300 184	6 778	1 091 059	108 522	1 695	320 690	14 025
100 to 199 .....	6 766	951 249	4 960	149 567	6 699	801 682	6 766	1 909 062	196 232	1 565	436 165	20 178
200 to 499 .....	11 269	3 523 643	8 616	447 677	11 249	3 075 966	11 269	6 265 360	668 121	2 547	1 157 600	54 753
500 to 999 .....	5 768	3 837 424	4 666	434 512	5 766	3 402 912	5 768	6 323 283	703 331	2 304	781 330	38 250
1,000 or more .....	2 557	4 237 296	2 245	517 564	2 555	3 719 732	2 557	7 115 967	735 998	787	1 647 043	76 844
No inventory .....	(X)	(X)	(X)	(X)	(X)	(X)	2 300	524 045	59 678	220	38 970	1 802

**Table 36. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total sold.....	36 338	12 981 717	26 871	1 657 605	34 868	11 324 112	38 638	23 483 812	2 494 231	8 972	4 460 979	209 249
Farms with—												
1 to 9.....	673	17 022	280	2 000	620	15 022	853	4 226	514	37	216	9
10 to 49.....	2 921	129 479	1 582	16 738	2 694	112 741	3 507	97 420	10 943	464	10 397	449
50 to 99.....	3 019	219 648	1 983	31 850	2 763	187 798	3 389	244 473	26 817	660	34 720	1 486
100 to 199.....	4 867	576 636	3 475	76 904	4 551	499 732	5 290	747 604	81 699	1 078	106 806	4 699
200 to 499.....	10 152	2 179 344	7 799	279 575	9 758	1 899 769	10 628	3 394 492	371 740	2 461	511 057	23 255
500 to 999.....	7 941	3 227 276	6 285	403 021	7 778	2 824 255	6 115	5 645 377	620 810	2 091	813 589	38 048
1,000 or more.....	6 765	6 632 312	5 467	847 517	6 704	5 784 795	6 856	13 350 220	1 381 708	2 181	2 984 194	141 304
None sold.....	332	1 357	73	268	284	1 089	(X)	(X)	(X)	(X)	(X)	(X)

**Table 37. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total litters farrowed.....	27 583	10 692 819	26 938	1 657 790	26 071	9 035 029	27 950	18 739 727	1 932 309	8 963	4 454 079	208 859
Farms with—												
1.....	217	5 894	183	732	169	5 162	203	6 731	765	65	471	21
2 to 4.....	928	38 693	799	4 040	766	34 853	947	68 048	7 688	252	4 988	210
5 to 9.....	1 264	85 995	1 155	14 048	1 075	71 947	1 339	130 218	14 437	391	17 474	721
10 to 19.....	2 796	250 601	2 678	43 153	2 474	207 448	2 902	377 962	40 679	830	61 461	2 650
20 to 49.....	7 662	1 274 891	7 506	205 471	7 186	1 069 420	7 789	2 057 778	218 554	2 236	374 309	16 794
50 to 99.....	6 638	2 121 007	6 583	329 622	6 440	1 791 385	6 667	3 543 322	379 174	2 103	670 313	31 194
100 to 199.....	5 224	3 024 970	5 192	455 293	5 139	2 569 677	5 244	5 197 617	552 590	1 877	1 013 913	48 193
200 or more.....	2 854	3 890 768	2 842	605 431	2 822	3 285 337	2 859	7 358 051	718 422	1 209	2 311 150	109 075
No litters farrowed.....	9 087	2 290 255	6	83	9 081	2 290 172	10 688	4 744 085	561 922	9	6 900	390
	Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987											
Litters farrowed	Total		Dec. 1, 1986, and May 31, 1987				June 1, 1987, and Nov. 30, 1987					
	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed.....	28 037	2 495 867	26 110	1 251 973	25 992	1 243 894						
Farms with—												
1.....	250	250	137	137	113	113						
2 to 4.....	986	2 930	743	1 446	765	1 484						
5 to 9.....	1 340	9 228	990	4 625	996	4 603						
10 to 19.....	2 902	39 814	2 337	20 306	2 309	19 508						
20 to 49.....	7 789	250 352	7 305	126 582	7 286	123 770						
50 to 99.....	6 667	462 052	6 552	232 961	6 508	229 091						
100 to 199.....	5 244	700 200	5 203	352 866	5 183	347 334						
200 or more.....	2 859	1 031 041	2 843	513 050	2 832	517 991						

**Table 38. Sheep and Lambs—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Sheep and lambs inventory.....	8 636	451 617	9 988	486 316
Farms with—				
1 to 24.....	4 149	53 562	5 015	65 003
25 to 99.....	3 628	171 809	4 024	185 560
100 to 299.....	719	106 990	793	119 641
300 to 999.....	117	55 142	126	61 043
1,000 to 2,499.....	16	20 714	23	29 172
2,500 or more.....	7	43 400	7	25 897
Ewes 1 year old or older.....	8 089	280 591	9 256	297 326
Sheep and lambs shorn.....	8 052	542 200	9 380	493 205
Pounds of wool.....	(X)	2 901 639	(X)	3 379 775
Sheep and lambs sold.....	8 806	607 492	10 327	496 676
Value of sales from sheep, lambs, and wool (\$1,000).....	8 922	46 157	10 484	26 703

**Table 39. Sheep and Lambs—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older		Farms	Number	Pounds of wool	Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number				Farms	Number	Farms	Value (\$1,000)
Total inventory .....	8 636	451 617	8 089	280 591	7 790	528 853	2 812 269	8 223	582 043	8 339	44 141
Farms with—											
1 to 24 .....	4 149	53 562	3 706	38 745	3 404	49 506	359 636	3 745	54 182	3 854	3 990
25 to 99 .....	3 628	171 809	3 551	123 907	3 549	158 203	1 097 182	3 623	143 369	3 627	10 825
100 to 299 .....	719	106 990	702	71 338	702	110 756	711 260	715	96 450	718	7 930
300 to 999 .....	117	55 142	112	29 036	114	63 174	361 934	117	74 381	117	6 053
1,000 to 2,499 .....	16	20 714	12	8 076	14	15 982	113 397	16	21 675	16	1 830
2,500 to 4,999 .....	5	(D)	5	(D)	5	(D)	(D)	5	(D)	5	(D)
5,000 or more .....	2	(D)	1	(D)	2	(D)	(D)	2	(D)	2	(D)
No inventory .....	(X)	(X)	(X)	(X)	262	13 347	89 370	583	25 449	583	2 017

**Table 40. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older		Farms	Number	Pounds of wool	Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number				Farms	Number	Farms	Value (\$1,000)
Total inventory .....	8 089	412 156	8 089	280 591	7 677	423 914	2 746 179	7 812	461 838	7 908	36 077
Farms with—											
1 to 24 .....	4 768	91 667	4 768	57 272	4 356	81 996	579 078	4 496	81 795	4 587	6 114
25 to 99 .....	2 847	177 978	2 847	128 433	2 847	173 288	1 162 470	2 845	152 576	2 847	11 857
100 to 199 .....	343	63 471	343	44 049	343	74 675	467 711	340	73 156	343	6 142
200 to 499 .....	113	50 204	113	31 460	113	55 597	379 399	113	70 574	113	5 992
500 to 999 .....	13	11 811	13	8 302	13	13 958	74 021	13	18 337	13	1 530
1,000 to 2,499 .....	4	(D)	4	(D)	4	(D)	(D)	4	(D)	4	(D)
2,500 to 4,999 .....	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
5,000 or more .....	-	-	-	-	-	-	-	-	-	-	-
No inventory .....	547	39 461	(X)	(X)	375	118 286	155 460	994	145 654	1 014	10 080

**Table 41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory		Sales	
	1987	1982	1987	1982
Horses and ponies ----- farms..	11 647	14 106	2 453	2 917
number..	59 338	68 368	9 909	10 809
\$1,000..	(X)	(X)	7 487	10 709
Mules, burros, and donkeys ----- farms..	627	288	90	42
number..	1 512	757	240	125
\$1,000..	(X)	(X)	79	39
Colonies of bees ----- farms..	703	797	38	28
number..	53 289	45 410	1 121	2 897
Honey sold ----- farms..	(X)	(X)	350	221
pounds..	(X)	(X)	4 288 806	2 733 695
Bees and honey sold ----- farms..	(X)	(X)	364	(NA)
\$1,000..	(X)	(X)	3 056	1 997
Goats ----- farms..	1 082	1 173	366	393
number..	7 387	5 870	3 198	2 579
Angora goats ----- farms..	41	12	11	1
number..	991	42	173	(D)
Mohair sold ----- farms..	(X)	(X)	21	3
pounds..	(X)	(X)	7 016	(D)
Angora goats and mohair sold ----- farms..	(X)	(X)	25	(NA)
\$1,000..	(X)	(X)	(D)	(D)
Milk goats ----- farms..	41	909	23	303
number..	3 195	4 708	105	1 964
Goats milk sold ----- farms..	(X)	(X)	909	20
gallons..	(X)	(X)	123 669	34 650
Milk goats and goats milk sold ----- farms..	(X)	(X)	136	(NA)
\$1,000..	(X)	(X)	268	139
Other goats ----- farms..	757	323	271	99
number..	3 201	1 120	2 116	(D)
\$1,000..	(X)	(X)	61	(D)
Mink and their pelts ----- farms..	58	53	56	50
number..	63 906	55 977	132 995	133 183
\$1,000..	(X)	(X)	5 403	4 344
Rabbits and their pelts ----- farms..	494	329	173	171
number..	13 788	11 719	36 971	27 837
\$1,000..	(X)	(X)	177	122
Fish and other aquaculture products sold ----- farms..	(X)	(X)	28	13
\$1,000..	(X)	(X)	174	35
Other livestock and livestock products ----- farms..	134	(NA)	86	(NA)
\$1,000..	(X)	(X)	413	(D)

**Table 42. Crops Harvested and Value of Production: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987				1982			
	Farms	Acres	Quantity	Value of production <sup>1</sup> (\$1,000)	Farms	Acres	Quantity	Value of production <sup>1</sup> (\$1,000)
Harvested cropland	92 878	20 484 178	(X)	4 191 371	103 644	24 137 670	(X)	5 524 984
Corn for grain or seed (bushels)	83 301	10 147 051	1 274 388 346	2 039 021	92 462	12 880 050	1 466 953 043	3 300 644
Corn for silage or green chop or cut for dry fodder, hogged or grazed	7 937	205 318	(X)	48 788	17 412	536 645	(X)	174 107
Sorghum for grain or seed (bushels)	108	4 376	334 779	485	292	13 500	752 727	1 488
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	356	7 361	(X)	1 044	269	4 569	(X)	935
Wheat for grain (bushels)	1 345	31 047	1 180 360	2 715	2 731	98 688	2 845 239	8 963
Barley for grain (bushels)	357	6 545	358 125	537	137	3 449	161 974	275
Oats for grain (bushels)	25 398	544 907	30 918 660	49 470	35 752	811 716	45 769 302	73 231
Rye for grain (bushels)	138	1 867	56 342	101	142	2 187	58 124	151
Rice (cwt)	-	-	-	-	-	-	-	-
Flaxseed (bushels)	-	-	-	-	1	(D)	(D)	4
Sunflower seed (pounds)	4	(D)	(D)	6	10	608	641 976	64
Soybeans for beans (bushels)	68 278	7 903 395	326 081 351	1 744 535	73 175	8 044 305	291 189 890	1 586 985
Dry edible beans, excluding dry limas (cwt)	77	4 310	57 416	930	79	5 266	69 146	968
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	104	1 998	336 981	1 466	149	1 767	287 839	1 353
Sweetpotatoes (bushels)	4	17	2 074	11	5	(D)	1 976	11
Pineapples harvested (tons)	-	-	-	-	-	-	-	-
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	48 271	1 968 207	5 612 944	246 986	56 372	2 035 033	6 201 756	330 646
Vegetables harvested for sale (see text)	596	8 863	(X)	7 541	429	8 363	(X)	4 267
Land in orchards	508	2 740	(X)	2 505	465	2 538	(X)	2 125
Berries harvested for sale	222	467	(X)	481	161	251	(X)	239
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	357	5 110	(X)	38 241	333	5 527	(X)	34 954
Other crops	846	27 781	(X)	6 507	(NA)	(NA)	(X)	3 585

<sup>1</sup>Data are estimated; see text.

**Table 43. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	103	14 702	125.1	350	47 397	65 760	127.0	82 848	10 019 192	125.6
Corn for silage or green chop (tons, green)	3	(D)	(D)	4	40	(D)	(D)	7 927	(D)	(D)
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	108	4 376	76.5
Wheat for grain (bushels)	2	(D)	(D)	-	-	-	-	1 343	(D)	(D)
Oats for grain (bushels)	15	(D)	(D)	1	(D)	(D)	(D)	25 382	(D)	(D)
Barley for grain (bushels)	7	483	71.8	-	-	-	-	350	6 062	53.4
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	70	5 656	42.3	151	14 648	26 512	38.9	68 057	7 856 579	41.3
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	5	(D)	(D)	-	-	-	-	72	(D)	(D)
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	19	(D)	(D)	1	(D)	(D)	(D)	84	(D)	(D)
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	16	401	3.5	15	240	476	4.7	41 852	1 379 433	3.2
Small grain hay (tons, dry)	6	87	1.7	3	64	24	2.0	7 152	163 416	1.8
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	6	(D)	(D)	2	(D)	(D)	(D)	6 703	(D)	(D)
Wild hay (tons, dry)	2	(D)	(D)	-	-	-	-	797	(D)	(D)
Grass silage, haylage, and green chop hay (tons, green)	2	(D)	(D)	1	(D)	(D)	(D)	4 752	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	6	290	69.9
Vegetables harvested for sale (see text)	72	1 357	(X)	28	276	631	(X)	496	6 599	(X)
Land in orchards	19	76	(X)	5	55	52	(X)	484	2 557	(X)
Strawberries harvested for sale (pounds)	54	151	2 418.4	9	39	25	2 653.9	125	180	2 592.5

**Table 44. Specified Crops by Acres Harvested: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987						1982				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land		
				Farms	Acres				Farms	Acres	
Corn for grain or seed (bushels)	83 301	10 147 051	1 274 388 346	453	62 099	92 462	12 880 050	1 466 953 043	386	59 796	
1 to 14 acres	5 986	49 535	5 133 752	9	61	5 615	44 360	4 200 221	3	10	
15 to 24 acres	5 538	108 101	11 754 428	8	116	4 499	85 963	8 289 326	-	-	
25 to 49 acres	13 726	502 409	57 751 996	24	766	12 161	439 769	45 094 855	16	456	
50 to 99 acres	21 362	1 529 754	184 659 487	52	2 570	22 571	1 621 009	175 589 521	40	2 005	
100 to 249 acres	27 186	4 190 432	526 395 855	174	17 859	34 663	5 387 915	608 792 594	139	15 342	
250 to 499 acres	7 726	2 547 744	327 849 217	119	18 820	10 387	3 414 402	400 813 305	119	20 663	
500 to 999 acres	1 627	1 014 536	133 443 484	58	16 660	2 235	1 421 185	169 089 859	58	16 584	
1,000 acres or more	150	204 540	27 400 127	9	5 247	331	465 447	55 083 362	11	4 736	
1,000 to 1,999 acres	136	(X)	(X)	6	(X)	302	(X)	(X)	8	(X)	
2,000 to 2,999 acres	11	(X)	(X)	3	(X)	-	-	-	-	-	
3,000 to 4,999 acres	3	(X)	(X)	-	(X)	-	-	-	-	-	
5,000 acres or more	-	(X)	(X)	-	(X)	29	(X)	(X)	3	(X)	
Corn for silage or green chop (tons, green)	7 934	205 176	3 251 394	7	110	17 412	536 645	8 290 817	28	2 364	
1 to 14 acres	3 610	29 247	440 290	1	(D)	6 347	53 102	794 567	6	38	
15 to 24 acres	1 898	34 859	528 700	2	(D)	4 395	80 990	1 236 321	6	113	
25 to 49 acres	1 503	49 397	748 276	4	85	3 896	127 601	1 940 642	3	97	
50 to 99 acres	609	38 305	606 530	-	-	1 879	118 832	1 821 068	9	416	
100 to 249 acres	265	35 487	593 198	-	-	752	98 826	1 569 896	1	(D)	
250 to 499 acres	41	12 799	249 668	-	-	118	38 654	642 108	1	(D)	
500 to 999 acres	7	(D)	(D)	-	-	21	12 554	196 143	1	(D)	
1,000 acres or more	1	(D)	(D)	-	-	4	6 086	90 072	1	(D)	
Sorghum for grain or seed (bushels)	108	4 376	334 779	-	-	292	13 500	752 727	1	(D)	
Sorghum for silage or green chop (tons, green)	354	7 340	102 074	-	-	259	4 388	53 849	-	-	
Wheat for grain (bushels)	1 345	31 047	1 180 360	2	(D)	2 731	98 688	2 845 239	13	843	
1 to 14 acres	689	5 316	195 287	1	(D)	890	7 776	239 995	4	37	
15 to 24 acres	309	5 666	211 658	-	-	625	11 761	367 969	3	58	
25 to 49 acres	224	7 383	270 539	-	-	683	23 012	681 125	1	(D)	
50 to 99 acres	83	5 464	228 074	-	-	351	22 695	674 246	1	(D)	
100 to 249 acres	33	4 354	162 041	1	(D)	152	20 930	582 397	2	(D)	
250 to 499 acres	5	(D)	(D)	-	-	21	6 400	176 419	2	(D)	
500 to 999 acres	2	(D)	(D)	-	-	8	(D)	(D)	-	-	
1,000 acres or more	-	(X)	(X)	-	(X)	1	(D)	(D)	-	-	
1,000 to 1,999 acres	-	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)	
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	-	-	-	-	
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	-	-	-	-	
5,000 acres or more	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)	
Oats for grain (bushels)	25 398	544 907	30 918 660	16	484	35 752	811 716	45 769 302	21	433	
1 to 14 acres	10 362	91 178	5 136 981	7	60	12 978	115 840	6 313 704	6	35	
15 to 24 acres	7 659	142 775	8 239 005	4	76	11 114	208 562	11 449 741	6	97	
25 to 49 acres	5 701	186 750	10 695 103	3	(D)	8 987	293 913	16 620 297	5	163	
50 to 99 acres	1 424	87 861	4 959 708	1	(D)	2 256	139 556	8 035 391	4	138	
100 to 249 acres	238	31 398	1 680 828	1	(D)	404	50 814	3 043 879	-	-	
250 to 499 acres	13	(D)	(D)	-	-	11	(D)	(D)	-	-	
500 to 999 acres	1	(D)	(D)	-	-	2	(D)	(D)	-	-	
1,000 acres or more	-	-	-	-	-	-	-	-	-	-	
Popcorn (pounds, shelled)	584	22 040	60 796 850	14	(D)	280	17 709	47 829 502	8	1 206	
Soybeans for beans (bushels)	68 278	7 903 395	326 081 351	221	20 304	73 175	8 044 305	291 189 890	179	21 215	
1 to 14 acres	5 182	45 066	1 741 040	7	35	4 426	39 532	1 308 156	7	57	
15 to 24 acres	5 018	95 884	3 787 481	9	153	5 205	99 653	3 413 553	3	57	
25 to 49 acres	11 437	410 664	16 389 445	25	809	13 012	466 945	16 289 618	14	355	
50 to 99 acres	17 189	1 218 624	49 868 442	35	1 699	19 965	1 407 826	50 530 746	26	1 392	
100 to 249 acres	22 245	3 451 675	142 332 516	72	6 292	24 212	3 663 874	132 875 198	65	7 263	
250 to 499 acres	6 197	2 023 637	84 226 495	54	7 035	5 457	1 761 208	64 502 436	46	6 473	
500 to 999 acres	942	573 744	24 278 696	16	3 592	815	498 114	18 324 640	14	3 098	
1,000 acres or more	68	84 101	3 457 236	3	689	83	107 153	3 945 543	4	2 520	
1,000 to 1,999 acres	66	(X)	(X)	3	(X)	78	(X)	(X)	3	(X)	
2,000 to 2,999 acres	1	(X)	(X)	-	(X)	-	-	-	-	-	
3,000 to 4,999 acres	1	(X)	(X)	-	(X)	-	-	-	-	-	
5,000 acres or more	-	(X)	(X)	-	(X)	5	(X)	(X)	1	(X)	
Irish potatoes (cwt)	104	1 998	336 981	20	1 158	149	1 767	287 839	22	836	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	48 271	1 968 207	5 612 944	45	1 216	56 372	2 035 033	6 201 756	50	1 271	
1 to 14 acres	13 593	110 272	299 726	11	75	17 160	139 425	414 170	13	85	
15 to 24 acres	9 052	170 255	474 583	9	114	11 508	215 980	658 175	7	100	
25 to 49 acres	12 222	423 424	1 191 257	10	220	14 482	496 281	1 533 652	14	264	
50 to 99 acres	9 011	601 912	1 764 630	10	274	9 357	614 649	1 909 049	12	420	
100 to 249 acres	4 085	554 755	1 594 597	4	(D)	3 607	474 990	1 423 260	3	(D)	
250 to 499 acres	278	86 548	225 892	1	(D)	231	72 449	210 836	1	(D)	
500 to 999 acres	26	15 591	42 165	-	-	20	13 233	31 776	-	-	
1,000 acres or more	4	5 450	20 094	-	-	7	8 026	20 838	-	-	
1,000 to 1,999 acres	4	(X)	(X)	-	(X)	7	(X)	(X)	-	(X)	
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	-	-	-	-	
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)	
5,000 acres or more	-	(X)	(X)	-	(X)	-	-	-	-	-	
Alfalfa hay (tons, dry)	41 883	1 380 550	4 444 233	31	641	49 275	1 535 085	5 091 238	41	1 056	
1 to 14 acres	13 532	110 366	324 260	11	87	16 350	134 406	424 397	11	77	
15 to 24 acres	8 872	165 819	506 417	7	102	10 847	202 380	660 690	6	78	
25 to 49 acres	10 788	367 486	1 168 385	5	97	12 888	437 522	1 456 851	13	311	
50 to 99 acres	6 393	413 294	1 383 103	6	(D)	6 912	441 051	1 502 751	8	253	
100 to 249 acres	2 175	279 675	928 847	2	(D)	2 149	272 720	900 864	3	337	
250 to 499 acres	109	33 418	96 745	-	-	114	35 414	115 473	-	-	
500 to 999 acres	11	6 329	18 269	-	-	11	7 057	19 954	-	-	
1,000 acres or more	3	4 163	18 207	-	-	4	4 532	10 258	-	-	
1,000 to 1,999 acres	3	(X)	(X)	-	(X)	4	(X)	(X)	-	(X)	
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	-	-	-	-	
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)	
5,000 acres or more	-	(X)	(X)	-	(X)	-	-	-	-	-	
Small grain hay (tons, dry)	7 161	163 591	289 319	9	151	4 978	93 424	177 100	7	(D)	
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	(D)	
Wild hay (tons, dry)	799	12 511	18 140	2	(D)	956	14 096	27 507	-	-	

**Table 44. Specified Crops by Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)—Con.										
Grass silage, haylage, and green chop hay (tons, green)	4 755	200 613	1 331 943	3	(D)	5 243	196 575	1 400 719	6	117
1 to 14 acres	785	7 041	49 756	2	(D)	1 052	9 392	68 364	2	(D)
15 to 24 acres	1 050	19 733	139 465	-	-	1 248	23 447	176 382	1	(D)
25 to 49 acres	1 472	50 206	349 914	-	-	1 615	55 421	410 924	3	95
50 to 99 acres	1 038	67 102	434 512	-	-	1 028	65 827	456 842	-	-
100 to 249 acres	397	52 268	330 550	1	(D)	279	35 113	233 867	-	-
250 to 499 acres	11	(D)	(D)	-	-	18	5 875	46 290	-	-
500 to 999 acres	2	(D)	(D)	-	-	3	1 500	8 050	-	-
1,000 acres or more	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	596	8 863	(X)	100	1 633	429	8 363	(X)	54	871
0.1 to 0.9 acres	85	34	(X)	4	2	82	33	(X)	6	2
1.0 to 4.9 acres	277	618	(X)	39	75	171	370	(X)	8	13
5.0 to 14.9 acres	129	1 021	(X)	26	188	65	494	(X)	17	83
15.0 to 24.9 acres	28	524	(X)	5	85	25	474	(X)	9	166
25.0 to 49.9 acres	31	1 079	(X)	10	242	38	1 224	(X)	8	210
50.0 to 99.9 acres	33	2 108	(X)	13	764	28	1 855	(X)	4	(D)
100.0 to 249.9 acres	11	(D)	(X)	2	(D)	19	(D)	(X)	2	(D)
250.0 to 499.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
500.0 to 749.9 acres	1	(D)	(X)	1	(D)	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	1	(D)	(X)	-	-	-	-	(X)	-	-
1,000.0 to 1,999.9 acres	1	(X)	(X)	-	(X)	-	-	(X)	-	(X)
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)
3,000.0 acres or more	-	(X)	(X)	-	(X)	-	-	(X)	-	(X)
Sweet corn	418	4 716	(X)	42	296	298	5 619	(X)	17	83
Land in orchards	508	2 740	(X)	24	131	465	2 538	(X)	8	34
0.1 to 0.9 acres	118	50	(X)	3	1	97	44	(X)	2	(D)
1.0 to 4.9 acres	264	534	(X)	12	28	251	492	(X)	3	10
5.0 to 14.9 acres	77	588	(X)	6	41	75	541	(X)	2	(D)
15.0 to 24.9 acres	27	486	(X)	1	(D)	22	420	(X)	-	-
25.0 to 49.9 acres	16	565	(X)	2	(D)	13	456	(X)	1	(D)
50.0 to 99.9 acres	5	(D)	(X)	-	-	5	(D)	(X)	-	-
100.0 to 249.9 acres	1	(D)	(X)	-	-	2	(D)	(X)	-	-
250.0 to 499.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)	-	-	(X)	-	(X)
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
3,000.0 acres or more	-	(X)	(X)	-	(X)	-	-	(X)	-	(X)

**Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982**

[Not published for this State]

**Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Under glass or other protection		In the open		Sales	
	Farms	Square feet	Farms	Acres	Farms	Value (\$1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)						
1987	205	4 518 800	190	5 007	357	38 241
1982	171	2 985 061	197	5 459	333	34 954
1987 value of sales:						
\$1 to \$2,499 sales	38	26 132	49	88	85	92
\$2,500 to \$9,999 sales	34	86 302	49	180	77	427
\$10,000 to \$39,999 sales	38	280 059	38	329	70	1 414
\$40,000 to \$99,999 sales	38	538 313	26	623	53	3 283
\$100,000 to \$199,999 sales	22	629 076	10	387	28	4 008
\$200,000 to \$499,999 sales	20	969 580	11	953	27	7 898
\$500,000 sales or more	15	1 989 338	7	2 447	17	21 119
Bedding plants						
1987	164	2 191 065	26	63	174	10 241
1982	138	1 548 394	17	34	147	6 616
Cut flowers and cut florist greens						
1987	22	278 726	15	23	36	1 352
1982	24	254 872	8	18	32	939
Foliage and potted flowering plants, total						
1987	83	1 611 471	10	6	86	9 649
1982	63	1 008 016	10	(D)	70	7 867
Foliage plants						
1987	32	232 247	3	(D)	34	2 310
Potted flowering plants						
1987	66	1 379 224	7	(D)	67	7 338
Nursery crops						
1987	15	308 350	119	3 159	123	13 599
1982	15	73 847	136	4 036	139	17 978

**Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms	Fewest number of farms accounting for—			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms.....number.....	105 180	465	3 011	12 156	29 835
.....percent.....	100.0	.4	2.9	11.6	28.4
Land in farms.....acres.....	31 638 130	518 575	2 694 063	8 864 530	17 344 820
Average size of farm.....acres.....	301	1 115	895	729	581
Value of land and buildings <sup>1</sup> .....farms.....	105 184	465	2 832	11 513	29 652
.....\$1,000.....	29 829 901	598 277	2 803 899	8 652 782	17 039 241
Average per farm.....dollars.....	283 597	1 286 617	990 077	751 566	574 641
Average per acre.....dollars.....	947	1 154	1 080	1 016	984
Estimated market value of all machinery and equipment.....\$1,000.....	5 543 375	103 017	470 021	1 527 877	3 051 154
.....percent.....	100.0	1.9	8.5	27.6	55.0
Land in farms according to use:					
Total cropland.....acres.....	27 290 868	453 056	2 403 112	7 950 039	15 479 233
Harvested cropland.....acres.....	20 484 178	373 176	1 954 597	6 362 573	12 208 729
Pastureland, excluding woodland pastured.....acres.....	3 735 795	52 963	234 024	760 070	1 596 699
Market value of agricultural products sold.....\$1,000.....	8 926 799	893 094	2 231 926	4 463 456	6 695 211
Average per farm.....dollars.....	84 872	1 920 632	741 257	367 181	224 408
Grains.....farms.....	81 042	349	2 521	10 806	26 804
.....\$1,000.....	3 563 323	60 939	361 434	1 216 307	2 281 418
Cotton and cottonseed.....farms.....	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	12 947	57	395	1 661	4 010
.....\$1,000.....	46 480	2 144	4 856	12 628	23 133
Vegetables, sweet corn, and melon.....farms.....	596	3	14	56	131
.....\$1,000.....	7 541	983	2 082	3 402	5 060
Fruits, nuts, and berries.....farms.....	371	2	8	18	46
.....\$1,000.....	2 853	(D)	64	395	1 264
Nursery and greenhouse crops.....farms.....	357	5	24	59	93
.....\$1,000.....	38 241	13 410	23 592	30 379	33 767
Other crops.....farms.....	99	-	3	11	24
.....\$1,000.....	1 678	-	804	1 200	1 395
Poultry and poultry products.....farms.....	3 643	49	194	456	1 009
.....\$1,000.....	192 229	104 849	152 604	174 139	185 108
Dairy products.....farms.....	7 048	9	128	1 077	3 299
.....\$1,000.....	392 284	3 660	25 132	128 866	282 458
Cattle and calves.....farms.....	50 509	349	2 038	7 329	17 054
.....\$1,000.....	2 124 641	560 440	1 031 804	1 440 975	1 753 183
Hogs and pigs.....farms.....	38 638	243	2 122	8 606	19 063
.....\$1,000.....	2 494 231	133 019	610 168	1 427 783	2 092 444
Sheep, lambs, and wool.....farms.....	8 922	16	165	755	2 108
.....\$1,000.....	46 157	12 797	15 447	21 230	28 009
Other livestock and livestock products (see text).....farms.....	3 417	5	46	209	524
.....\$1,000.....	17 139	(D)	3 940	6 152	7 972
Total farm production expenses <sup>1</sup> .....farms.....	105 184	465	2 832	11 513	29 652
.....\$1,000.....	6 647 645	747 651	1 723 461	3 220 163	4 859 012
Selected farm production expenses <sup>1</sup> :					
Livestock and poultry purchased.....farms.....	46 066	441	2 546	8 792	19 822
.....\$1,000.....	1 358 161	377 372	691 956	966 067	1 185 310
Feed for livestock and poultry.....farms.....	64 752	447	2 672	10 120	24 449
.....\$1,000.....	1 101 866	177 405	389 349	666 071	923 304
Commercial fertilizer.....farms.....	83 067	397	2 586	10 894	28 022
.....\$1,000.....	467 355	11 095	52 456	160 169	303 160
Agricultural chemicals.....farms.....	86 631	404	2 585	10 925	28 126
.....\$1,000.....	309 894	7 734	33 642	101 636	195 150
Petroleum products.....farms.....	100 939	455	2 802	11 430	29 437
.....\$1,000.....	315 061	10 354	36 991	101 481	190 854
Electricity.....farms.....	90 255	454	2 784	11 265	28 730
.....\$1,000.....	126 591	5 347	17 418	43 955	77 380
Hired farm labor.....farms.....	49 121	450	2 637	9 320	21 494
.....\$1,000.....	282 515	38 967	111 472	194 875	244 902
Interest.....farms.....	67 262	441	2 655	10 254	25 045
.....\$1,000.....	579 338	30 037	101 438	242 397	408 222
Payments from government programs.....farms.....	75 203	371	2 577	10 843	26 621
.....\$1,000.....	1 153 713	20 862	114 905	371 546	700 298
Inventory of selected livestock:					
Cattle and calves.....farms.....	49 469	343	1 948	6 943	16 322
.....number.....	4 303 682	446 145	1 002 923	1 799 387	2 740 133
Milk cows.....farms.....	7 748	9	127	1 076	3 305
.....number.....	294 888	2 312	15 048	81 508	189 833
Hogs and pigs.....farms.....	36 670	237	2 056	8 357	18 383
.....number.....	12 983 074	569 171	2 759 806	6 810 209	10 380 361

<sup>1</sup>Data are based on a sample of farms.

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**Table 48. Summary by Tenure of Operator: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARMS AND LAND IN FARMS</b>								
Farms.....	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
number.....	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
percent.....	100.0	45.9	33.5	20.7	78.6	28.7	31.6	18.3
Land in farms.....	31 638 130	7 963 226	17 255 971	6 418 933	30 158 199	6 820 684	17 068 588	6 268 927
acres.....	31 638 130	7 963 226	17 255 971	6 418 933	30 158 199	6 820 684	17 068 588	6 268 927
Average size of farm.....	301	165	490	295	365	226	514	326
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text).....	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
farms.....	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
\$1,000.....	8 926 799	2 370 826	4 860 253	1 695 719	8 836 943	2 302 138	4 851 128	1 683 678
Average per farm.....	84 872	49 161	138 048	77 975	106 945	76 288	146 070	87 496
dollars.....	84 872	49 161	138 048	77 975	106 945	76 288	146 070	87 496
Farms by value of sales:								
Less than \$1,000 (see text).....	3 782	3 297	249	236	-	-	-	-
\$1,000 to \$2,499.....	5 017	4 217	351	449	-	-	-	-
\$2,500 to \$4,999.....	5 498	4 399	499	600	-	-	-	-
\$5,000 to \$9,999.....	8 252	6 136	897	1 219	-	-	-	-
\$10,000 to \$19,999.....	12 427	7 974	1 923	2 530	12 427	7 974	1 923	2 530
\$20,000 to \$24,999.....	5 009	2 798	968	1 243	5 009	2 798	968	1 243
\$25,000 to \$39,999.....	11 756	5 635	3 117	3 004	11 756	5 635	3 117	3 004
\$40,000 to \$49,999.....	5 996	2 283	1 997	1 716	5 996	2 283	1 997	1 716
\$50,000 to \$99,999.....	20 656	6 033	9 092	5 531	20 656	6 033	9 092	5 531
\$100,000 to \$249,999.....	20 200	4 103	11 706	4 391	20 200	4 103	11 706	4 391
\$250,000 to \$499,999.....	4 957	957	3 341	659	4 957	957	3 341	659
\$500,000 to \$999,999.....	1 220	270	819	131	1 220	270	819	131
\$1,000,000 or more.....	410	124	248	38	410	124	248	38
Grains.....	81 042	29 543	32 408	19 091	70 988	21 961	31 394	17 633
farms.....	81 042	29 543	32 408	19 091	70 988	21 961	31 394	17 633
\$1,000.....	3 563 323	645 643	2 099 486	818 195	3 524 735	618 180	2 095 529	811 045
Sales of \$50,000 or more.....	23 982	3 034	15 346	5 602	23 982	3 034	15 346	5 602
farms.....	23 982	3 034	15 346	5 602	23 982	3 034	15 346	5 602
\$1,000.....	2 507 136	277 905	1 701 100	528 131	2 507 136	277 905	1 701 100	528 131
Corn for grain.....	72 356	25 083	29 582	17 691	64 517	19 221	28 814	16 482
farms.....	72 356	25 083	29 582	17 691	64 517	19 221	28 814	16 482
\$1,000.....	1 961 527	363 542	1 159 451	438 534	1 939 575	347 742	1 157 365	434 468
Wheat.....	1 188	428	562	198	1 076	339	550	187
farms.....	1 188	428	562	198	1 076	339	550	187
\$1,000.....	2 726	868	1 424	433	2 591	758	1 410	424
Soybeans.....	68 166	21 757	29 502	16 907	62 486	17 634	28 862	15 990
farms.....	68 166	21 757	29 502	16 907	62 486	17 634	28 862	15 990
\$1,000.....	1 573 168	274 246	925 236	373 686	1 557 479	263 243	923 479	370 757
Sorghum for grain.....	57	32	19	6	49	25	19	5
farms.....	57	32	19	6	49	25	19	5
\$1,000.....	477	247	(D)	(D)	465	238	(D)	(D)
Barley.....	81	38	25	18	74	32	25	17
farms.....	81	38	25	18	74	32	25	17
\$1,000.....	116	49	(D)	(D)	111	45	(D)	(D)
Oats.....	11 842	3 910	5 096	2 836	10 908	3 234	4 999	2 675
farms.....	11 842	3 910	5 096	2 836	10 908	3 234	4 999	2 675
\$1,000.....	19 604	5 546	9 686	4 373	18 893	5 036	9 610	4 247
Other grains.....	677	178	360	139	630	150	347	130
farms.....	677	178	360	139	630	150	347	130
\$1,000.....	5 705	1 145	3 432	1 129	5 621	1 099	3 408	1 114
Cotton and cottonseed.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Tobacco.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....	12 947	5 577	4 840	2 530	10 237	3 378	4 544	2 315
farms.....	12 947	5 577	4 840	2 530	10 237	3 378	4 544	2 315
\$1,000.....	46 480	14 934	22 327	9 220	43 012	12 196	21 956	8 860
Sales of \$50,000 or more.....	30	-	23	7	30	-	23	7
farms.....	30	-	23	7	30	-	23	7
\$1,000.....	3 365	-	2 882	484	3 365	-	2 882	484
Vegetables, sweet corn, and melons.....	596	299	212	85	359	133	169	57
farms.....	596	299	212	85	359	133	169	57
\$1,000.....	7 541	1 694	4 658	1 189	7 019	1 351	4 580	1 088
Sales of \$50,000 or more.....	30	4	22	4	30	4	22	4
farms.....	30	4	22	4	30	4	22	4
\$1,000.....	4 384	426	3 260	698	4 384	426	3 260	698
Fruits, nuts, and berries.....	371	266	74	31	186	104	57	25
farms.....	371	266	74	31	186	104	57	25
\$1,000.....	2 853	1 901	600	352	2 499	1 600	568	332
Sales of \$50,000 or more.....	13	7	4	2	13	7	4	2
farms.....	13	7	4	2	13	7	4	2
\$1,000.....	1 390	820	(D)	(D)	1 390	820	(D)	(D)
Nursery and greenhouse crops.....	357	261	59	37	241	170	49	22
farms.....	357	261	59	37	241	170	49	22
\$1,000.....	38 241	23 136	12 785	2 321	37 870	22 841	12 747	2 282
Sales of \$50,000 or more.....	111	80	20	11	111	80	20	11
farms.....	111	80	20	11	111	80	20	11
\$1,000.....	35 714	21 066	12 464	2 184	35 714	21 066	12 464	2 184
Other crops.....	99	48	40	11	65	22	35	8
farms.....	99	48	40	11	65	22	35	8
\$1,000.....	1 678	872	758	49	1 632	831	754	47
Sales of \$50,000 or more.....	7	4	3	-	7	4	3	-
farms.....	7	4	3	-	7	4	3	-
\$1,000.....	1 259	740	519	-	1 259	740	519	-
Poultry and poultry products.....	3 643	1 967	1 054	622	2 720	1 232	942	546
farms.....	3 643	1 967	1 054	622	2 720	1 232	942	546
\$1,000.....	192 229	125 749	52 767	13 713	191 697	125 283	52 729	13 686
Sales of \$50,000 or more.....	426	239	134	53	426	239	134	53
farms.....	426	239	134	53	426	239	134	53
\$1,000.....	186 495	122 475	51 138	12 882	186 495	122 475	51 138	12 882
Dairy products.....	7 048	2 885	2 598	1 565	6 928	2 789	2 585	1 554
farms.....	7 048	2 885	2 598	1 565	6 928	2 789	2 585	1 554
\$1,000.....	392 284	133 027	178 547	80 710	391 942	132 763	178 505	80 673
Sales of \$50,000 or more.....	3 165	1 051	1 436	678	3 165	1 051	1 436	678
farms.....	3 165	1 051	1 436	678	3 165	1 051	1 436	678
\$1,000.....	294 998	90 544	147 098	57 357	294 998	90 544	147 098	57 357
Cattle and calves.....	50 509	22 765	18 752	8 992	42 170	16 020	17 859	8 291
farms.....	50 509	22 765	18 752	8 992	42 170	16 020	17 859	8 291
\$1,000.....	2 124 641	651 926	1 163 329	309 386	2 094 924	628 026	1 160 151	306 748
Sales of \$50,000 or more.....	7 178	1 966	4 147	1 065	7 178	1 966	4 147	1 065
farms.....	7 178	1 966	4 147	1 065	7 178	1 966	4 147	1 065
\$1,000.....	1 590 392	441 517	937 178	211 697	1 590 392	441 517	937 178	211 697

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Hogs and pigs	farms... 38 638	14 220	16 222	8 196	35 888	11 978	15 997	7 913
	\$1,000... 2 494 231	747 776	1 303 979	442 476	2 484 999	740 128	1 303 353	441 518
Sales of \$50,000 or more	farms... 15 528	4 196	8 368	2 964	15 528	4 196	8 368	2 964
	\$1,000... 2 058 777	586 470	1 134 003	338 305	2 058 777	586 470	1 134 003	338 305
Sheep, lambs, and wool	farms... 8 922	4 325	2 991	1 606	6 250	2 194	2 707	1 349
	\$1,000... 46 157	14 123	15 732	16 302	41 763	10 707	15 227	15 829
Sales of \$50,000 or more	farms... 77	20	34	23	77	20	34	23
	\$1,000... 21 114	3 832	5 937	11 345	21 114	3 832	5 937	11 345
Other livestock and livestock products (see text)	farms... 3 417	2 061	885	471	1 826	805	697	324
	\$1,000... 17 139	10 045	5 286	1 808	14 851	8 254	5 028	1 569
Sales of \$50,000 or more	farms... 60	35	17	8	60	35	17	8
	\$1,000... 8 848	4 752	3 427	669	8 848	4 752	3 427	669
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses	farms... 105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
	\$1,000... 6 647 645	1 831 607	3 669 556	1 146 482	6 516 385	1 727 507	3 655 299	1 133 579
Average per farm	dollars... 63 200	37 988	103 636	53 176	78 846	57 534	109 192	59 210
Livestock and poultry purchased	farms... 46 066	19 027	18 199	8 840	40 253	14 261	17 611	8 381
	\$1,000... 1 358 161	413 700	736 830	207 631	1 346 860	404 461	735 926	206 473
Farms with expenses of—								
\$1 to \$4,999	20 895	10 205	6 889	3 801	15 541	5 856	6 330	3 355
\$5,000 to \$24,999	14 932	5 760	5 805	3 367	14 475	5 344	5 776	3 355
\$25,000 to \$99,999	7 811	2 421	3 971	1 419	7 810	2 420	3 971	1 419
\$100,000 or more	2 428	641	1 534	253	2 427	641	1 534	252
Feed for livestock and poultry	farms... 64 752	28 085	24 414	12 253	54 514	19 870	23 347	11 297
	\$1,000... 1 101 866	374 107	552 311	175 448	1 092 412	366 616	551 329	174 467
Farms with expenses of—								
\$1 to \$4,999	31 369	17 243	8 566	5 560	21 199	9 068	7 510	4 621
\$5,000 to \$24,999	22 076	7 723	9 568	4 785	22 008	7 683	9 557	4 768
\$25,000 to \$99,999	9 846	2 636	5 452	1 758	9 846	2 636	5 452	1 758
\$100,000 or more	1 461	483	828	150	1 461	483	828	150
Commercially mixed formula feeds	farms... 33 282	13 619	12 907	6 756	29 316	10 524	12 437	6 355
	\$1,000... 475 104	170 360	229 852	74 893	472 686	168 434	229 583	74 669
Farms with expenses of—								
\$1 to \$4,999	17 634	8 764	5 268	3 602	13 676	5 677	4 798	3 201
\$5,000 to \$24,999	11 352	3 656	5 242	2 454	11 344	3 648	5 242	2 454
\$25,000 to \$79,999	3 545	930	1 995	620	3 545	930	1 995	620
\$80,000 or more	751	269	402	80	751	269	402	80
Seeds, bulbs, plants, and trees	farms... 88 807	34 631	34 265	19 911	76 710	25 280	33 032	18 398
	\$1,000... 308 197	68 683	175 242	64 271	302 401	64 343	174 652	63 405
Farms with expenses of—								
\$1 to \$999	23 074	15 487	3 567	4 020	12 166	6 936	2 494	2 736
\$1,000 to \$4,999	45 976	16 253	17 675	12 048	44 787	15 453	17 515	11 819
\$5,000 to \$24,999	19 426	2 849	12 762	3 815	19 426	2 849	12 762	3 815
\$25,000 or more	331	42	261	28	331	42	261	28
Commercial fertilizer	farms... 83 067	31 220	33 063	18 784	73 196	23 555	32 092	17 549
	\$1,000... 467 355	104 961	272 904	89 489	459 606	98 947	272 076	88 583
Farms with expenses of—								
\$1 to \$4,999	51 929	24 872	14 509	12 548	42 145	17 283	13 549	11 313
\$5,000 to \$24,999	29 100	6 055	17 023	6 022	29 021	5 987	17 012	6 022
\$25,000 to \$49,999	1 788	264	1 327	197	1 780	256	1 327	197
\$50,000 or more	250	29	204	17	250	29	204	17
Agricultural chemicals	farms... 86 631	33 883	33 387	19 361	74 725	24 760	32 190	17 775
	\$1,000... 309 894	66 768	177 591	65 535	304 487	62 847	176 989	64 652
Farms with expenses of—								
\$1 to \$4,999	66 563	30 670	20 636	15 257	54 666	21 556	19 439	13 671
\$5,000 to \$24,999	19 490	3 155	12 317	4 018	19 481	3 146	12 317	4 018
\$25,000 to \$49,999	514	49	383	82	514	49	383	82
\$50,000 or more	64	9	51	4	64	9	51	4
Petroleum products	farms... 100 939	44 747	35 015	21 177	80 999	28 846	33 201	18 952
	\$1,000... 315 061	83 892	167 321	63 848	304 536	75 734	166 181	62 621
Farms with expenses of—								
\$1 to \$4,999	81 446	41 296	22 627	17 523	61 513	25 395	20 813	15 305
\$5,000 to \$24,999	19 169	3 377	12 172	3 620	19 162	3 377	12 172	3 613
\$25,000 to \$49,999	274	63	181	30	274	63	181	30
\$50,000 or more	50	11	35	4	50	11	35	4
Gasoline and gasohol	farms... 87 982	39 057	30 889	18 036	70 713	25 182	29 254	16 277
	\$1,000... 105 047	34 608	49 100	21 340	98 454	29 500	48 365	20 589
Diesel fuel	farms... 73 400	25 163	30 771	17 466	66 796	20 198	30 138	16 460
	\$1,000... 136 878	29 102	79 302	28 473	134 878	27 630	79 056	28 192
Natural gas	farms... 5 064	1 757	2 107	1 200	4 630	1 391	2 080	1 159
	\$1,000... 6 637	2 080	3 365	1 211	6 554	1 987	3 361	1 205
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms... 86 862	34 333	33 539	18 990	76 300	25 952	32 422	17 926
	\$1,000... 66 500	18 121	35 554	12 824	64 651	16 617	35 399	12 635

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
—Con.								
Total farm production expenses—Con.								
Electricity ----- farms... \$1,000...	90 255 126 591	39 901 42 543	33 149 62 752	17 205 21 296	75 154 120 904	27 333 37 821	31 796 62 174	16 025 20 910
Farms with expenses of—								
\$1 to \$999 .....	47 918	26 613	11 871	9 434	33 769	14 834	10 627	8 308
\$1,000 to \$4,999 .....	39 358	12 497	19 440	7 421	38 414	11 716	19 331	7 367
\$5,000 to \$24,999 .....	2 896	745	1 803	348	2 888	737	1 803	348
\$25,000 or more .....	83	46	35	2	83	46	35	2
Hired farm labor ----- farms... \$1,000...	49 121 282 515	17 194 81 041	21 563 162 226	10 364 39 249	44 716 280 602	13 820 79 613	21 042 161 926	9 854 39 063
Farms with expenses of—								
\$1 to \$4,999 .....	37 600	14 258	14 712	8 630	33 226	10 909	14 197	8 120
\$5,000 to \$24,999 .....	8 880	2 234	5 228	1 418	8 849	2 209	5 222	1 418
\$25,000 to \$99,999 .....	2 443	621	1 529	293	2 443	621	1 529	293
\$100,000 or more .....	198	81	94	23	198	81	94	23
Contract labor ----- farms... \$1,000...	8 078 21 032	3 192 7 683	3 498 9 925	1 388 3 424	7 032 20 485	2 331 7 218	3 391 9 880	1 310 3 387
Farms with expenses of—								
\$1 to \$999 .....	3 846	1 791	1 404	651	2 958	1 059	1 312	587
\$1,000 to \$4,999 .....	3 123	1 037	1 536	550	2 965	908	1 521	536
\$5,000 to \$24,999 .....	1 032	330	525	177	1 032	330	525	177
\$25,000 or more .....	77	34	33	10	77	34	33	10
Repair and maintenance ----- farms... \$1,000...	91 920 407 270	39 218 112 376	33 784 220 660	18 918 74 234	75 830 393 118	26 247 101 117	32 241 219 077	17 342 72 923
Farms with expenses of—								
\$1 to \$4,999 .....	63 247	32 325	17 197	13 725	47 334	19 495	15 680	12 159
\$5,000 to \$24,999 .....	27 602	6 683	15 827	5 082	27 425	6 542	15 801	5 082
\$25,000 to \$49,999 .....	905	165	653	87	905	165	653	87
\$50,000 or more .....	166	45	107	14	166	45	107	14
Customwork, machine hire, and rental of machinery and equipment ----- farms... \$1,000...	57 354 133 395	23 440 45 265	21 800 59 912	12 114 28 219	49 313 128 322	17 056 41 300	21 037 59 451	11 220 27 572
Farms with expenses of—								
\$1 to \$999 .....	25 122	12 334	7 836	4 952	18 571	7 102	7 207	4 262
\$1,000 to \$4,999 .....	25 700	9 067	10 891	5 742	24 249	7 946	10 764	5 539
\$5,000 to \$24,999 .....	6 238	1 954	2 923	1 361	6 199	1 923	2 916	1 360
\$25,000 or more .....	294	85	150	59	294	85	150	59
Interest expense ----- farms... \$1,000...	67 262 579 338	26 013 166 734	29 167 366 543	12 082 46 061	58 282 561 575	18 676 151 661	28 170 364 469	11 436 45 445
Farms with expenses of—								
\$1 to \$4,999 .....	37 493	17 219	11 015	9 259	29 324	10 585	10 118	8 621
\$5,000 to \$24,999 .....	24 442	7 544	14 236	2 662	23 636	6 848	14 136	2 654
\$25,000 to \$99,999 .....	5 121	1 198	3 766	157	5 114	1 191	3 766	157
\$100,000 or more .....	206	52	150	4	206	52	150	4
Secured by real estate ----- farms... \$1,000...	44 371 390 226	20 251 128 367	24 120 261 859	- -	37 852 375 685	14 467 115 346	23 385 260 339	- -
Farms with expenses of—								
\$1 to \$999 .....	6 684	4 356	2 328	-	4 433	2 365	2 068	-
\$1,000 to \$4,999 .....	16 369	8 749	7 620	-	12 674	5 482	7 192	-
\$5,000 to \$24,999 .....	17 889	6 247	11 642	-	17 323	5 728	11 595	-
\$25,000 or more .....	3 429	899	2 530	-	3 422	892	2 530	-
Not secured by real estate ----- farms... \$1,000...	41 208 189 113	12 441 38 367	16 685 104 685	12 082 46 061	37 055 185 889	9 489 36 315	16 130 104 130	11 436 45 445
Farms with expenses of—								
\$1 to \$999 .....	13 476	5 930	3 728	3 818	10 416	3 611	3 380	3 425
\$1,000 to \$4,999 .....	16 664	4 565	6 658	5 441	15 595	3 939	6 460	5 196
\$5,000 to \$24,999 .....	10 034	1 761	5 611	2 662	10 010	1 754	5 602	2 654
\$25,000 or more .....	1 034	185	688	161	1 034	185	688	161
Cash rent ----- farms... \$1,000...	41 375 492 800	- -	26 699 321 561	14 676 171 239	39 119 489 057	- -	25 701 320 425	13 418 168 632
Farms with expenses of—								
\$1 to \$4,999 .....	15 835	-	9 997	5 838	13 734	-	9 022	4 712
\$5,000 to \$9,999 .....	8 684	-	5 811	2 873	8 542	-	5 794	2 748
\$10,000 to \$24,999 .....	11 593	-	7 443	4 150	11 580	-	7 437	4 143
\$25,000 or more .....	5 263	-	3 448	1 815	5 263	-	3 448	1 815
Property taxes ----- farms... \$1,000...	87 431 230 810	47 951 112 179	35 381 113 932	4 099 4 699	67 238 212 292	29 956 95 417	33 473 112 308	3 809 4 567
Farms with expenses of—								
\$1 to \$4,999 .....	75 206	42 659	28 607	3 940	55 202	24 836	26 716	3 650
\$5,000 to \$9,999 .....	9 596	4 199	5 250	147	9 420	4 034	5 239	147
\$10,000 to \$24,999 .....	2 474	1 027	1 436	11	2 461	1 020	1 430	11
\$25,000 or more .....	155	66	88	1	155	66	88	1
All other farm production expenses ----- farms... \$1,000...	101 919 513 358	45 826 151 673	35 189 269 845	20 904 91 840	82 616 499 729	30 006 140 413	33 472 268 437	19 138 90 879
Farms with expenses of—								
\$1 to \$4,999 .....	73 591	38 652	19 539	15 400	54 327	22 870	17 822	13 635
\$5,000 to \$24,999 .....	25 444	6 567	13 778	5 099	25 405	6 529	13 778	5 098
\$25,000 to \$49,999 .....	2 166	415	1 428	323	2 166	415	1 428	323
\$50,000 or more .....	718	192	444	82	718	192	444	82

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....	number... 105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
	\$1,000... 2 146 997	504 887	1 133 457	508 652	2 187 522	538 376	1 139 234	509 911
Average per farm.....	dollars... 20 412	10 471	32 011	23 592	26 468	17 930	34 031	26 634
Farms with net gains <sup>2</sup> .....	number... 74 987	29 419	27 936	17 632	67 144	23 387	27 407	16 350
Average net gain.....	dollars... 31 660	20 747	43 911	30 458	35 127	25 599	44 721	32 676
Gain of—								
Less than \$1,000.....	4 767	3 168	780	819	1 892	951	557	384
\$1,000 to \$9,999.....	22 906	12 546	5 432	4 928	17 938	8 731	5 126	4 081
\$10,000 to \$49,999.....	33 147	10 948	13 558	8 641	33 147	10 948	13 558	8 641
\$50,000 or more.....	14 167	2 757	8 166	3 244	14 167	2 757	8 166	3 244
Farms with net losses.....	number... 30 197	18 797	7 472	3 928	15 503	6 639	6 069	2 795
Average net loss.....	dollars... 7 521	5 611	12 481	7 227	11 035	9 082	14 243	8 707
Loss of—								
Less than \$1,000.....	4 943	3 499	782	662	1 634	664	521	449
\$1,000 to \$9,999.....	18 984	12 629	3 914	2 441	8 541	4 084	2 902	1 555
\$10,000 to \$49,999.....	5 889	2 573	2 533	783	4 963	1 810	2 403	750
\$50,000 or more.....	381	96	243	42	365	81	243	41
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....	farms... 75 203	26 801	30 897	17 505	67 411	20 682	30 178	16 551
	\$1,000... 1 153 713	262 217	670 411	221 085	1 120 157	234 318	667 414	218 425
Other farm-related income <sup>1</sup> .....	farms... 30 370	11 156	13 002	6 212	25 821	7 345	12 585	5 891
	\$1,000... 132 008	53 816	54 436	23 757	112 993	36 761	53 479	22 753
Customwork and other agricultural services.....	farms... 15 001	2 819	8 046	4 136	13 915	2 131	7 852	3 932
	\$1,000... 61 977	9 731	35 817	16 428	59 799	8 322	35 498	15 979
Gross cash rent or share payments.....	farms... 8 633	5 615	2 225	793	5 868	3 084	2 071	713
	\$1,000... 58 000	39 908	12 314	5 778	42 238	25 289	11 705	5 244
Forest products and Christmas trees.....	farms... 710	471	222	17	479	247	222	10
	\$1,000... 1 876	1 345	497	34	1 193	662	497	34
Other farm-related income sources.....	farms... 11 908	3 959	5 655	2 294	10 990	3 215	5 544	2 231
	\$1,000... 10 156	2 831	5 808	1 516	9 763	2 488	5 779	1 497
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....	farms... 51 178	13 834	24 266	13 078	49 121	12 398	24 048	12 675
	\$1,000... 1 598 775	262 973	1 002 894	332 908	1 591 777	258 074	1 002 243	331 460
Corn.....	farms... 50 551	13 569	24 057	12 925	48 566	12 196	23 842	12 528
	\$1,000... 1 298 123	222 210	808 572	267 342	1 291 762	217 790	807 980	265 992
Wheat.....	farms... 61	24	27	10	57	21	27	9
	\$1,000... 127	59	(D)	(D)	121	(D)	(D)	(D)
Soybeans.....	farms... 14 094	2 745	7 646	3 703	13 886	2 591	7 626	3 669
	\$1,000... 298 747	39 182	194 133	65 432	298 199	38 782	194 076	65 341
Sorghum, barley, and oats.....	farms... 86	31	35	20	83	29	35	19
	\$1,000... 190	78	89	23	189	(D)	89	(D)
Cotton.....	farms... -	-	-	-	-	-	-	-
	\$1,000... -	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....	farms... 70	61	4	5	45	39	3	3
	\$1,000... 1 587	1 445	(D)	(D)	1 507	1 372	(D)	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....	farms... 96 749	40 958	34 954	20 837	78 638	26 742	33 120	18 776
	acres... 27 290 868	6 366 631	15 152 502	5 771 735	26 339 403	5 647 645	15 029 561	5 662 197
Harvested cropland.....	farms... 92 878	37 835	34 647	20 396	77 374	25 794	32 996	18 584
	acres... 20 484 178	4 398 979	11 572 966	4 512 233	20 043 833	4 079 730	11 519 308	4 444 745
Farms by acres harvested:								
1 to 49 acres.....	17 548	13 483	2 129	1 936	4 859	3 358	825	676
50 to 99 acres.....	13 956	8 344	2 504	3 108	11 411	6 599	2 204	2 608
100 to 199 acres.....	23 454	9 814	7 031	6 609	23 199	9 653	6 987	6 559
200 to 499 acres.....	29 005	5 371	16 375	7 259	28 991	5 361	16 373	7 257
500 to 999 acres.....	7 723	702	5 696	1 325	7 722	702	5 695	1 325
1,000 to 1,999 acres.....	1 114	114	852	148	1 114	114	852	148
2,000 acres or more.....	78	7	60	11	78	7	60	11
Cropland:								
Pasture or grazing only.....	farms... 36 766	16 269	14 034	6 463	30 175	10 950	13 267	5 958
	acres... 2 283 547	811 065	1 114 968	357 514	2 071 333	644 432	1 086 047	340 854
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms... 27 088	10 319	11 022	5 747	23 481	7 421	10 655	5 405
	acres... 1 670 711	495 402	876 730	298 579	1 519 248	372 029	857 372	289 847
On which all crops failed.....	farms... 1 640	760	587	293	1 149	381	523	245
	acres... 45 013	16 442	20 754	7 817	35 628	9 405	19 532	6 691
In cultivated summer fallow.....	farms... 844	403	303	138	677	268	284	125
	acres... 45 160	17 237	20 341	7 582	40 702	13 803	19 441	7 458
Idle.....	farms... 42 114	13 636	18 143	10 335	38 273	10 766	17 698	9 809
	acres... 2 762 259	627 506	1 546 743	588 010	2 628 659	528 246	1 527 861	572 552
Total woodland.....	farms... 24 782	12 664	8 787	3 331	18 703	7 576	8 151	2 976
	acres... 1 316 448	575 025	573 761	167 662	1 105 241	400 778	550 226	154 237
Woodland pastured.....	farms... 14 393	7 218	5 210	1 965	11 065	4 520	4 791	1 754
	acres... 774 976	324 113	345 714	105 149	668 077	241 692	330 391	95 994
Woodland not pastured.....	farms... 14 477	7 392	5 227	1 858	10 944	4 337	4 918	1 689
	acres... 541 472	250 912	228 047	62 513	437 164	159 086	219 835	58 243

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Pastureland and rangeland other than cropland and woodland pastured ----- farms...	22 415	10 323	8 350	3 742	17 362	6 293	7 815	3 254
acres...	1 452 248	509 443	730 453	212 352	1 285 240	383 046	706 054	196 140
Land in house lots, ponds, roads, wasteland, etc. ----- farms...	79 586	38 338	27 683	13 565	62 924	24 219	26 267	12 438
acres...	1 578 566	512 127	799 255	267 184	1 428 315	389 215	782 747	256 353
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ----- farms...	69 141	22 259	30 066	16 816	64 254	18 638	29 567	16 049
acres...	3 560 902	677 121	2 070 267	813 514	3 510 310	641 874	2 064 624	803 812
Conservation reserve program ----- farms...	8 050	4 051	3 279	720	6 043	2 298	3 091	650
acres...	697 896	348 823	300 154	48 919	544 228	214 459	285 389	44 384
Value of land and buildings <sup>1</sup> ----- farms...	105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
\$1,000...	29 829 901	7 578 008	16 235 234	6 016 659	28 285 406	6 345 505	16 054 708	5 885 193
Average per farm ----- dollars...	283 597	157 168	458 519	279 066	342 244	211 334	479 589	307 401
Average per acre ----- dollars...	947	943	950	942	942	922	951	942
Farms by value group:								
\$1 to \$39,999 -----	13 227	10 718	587	1 922	4 485	3 565	188	732
\$40,000 to \$69,999 -----	11 020	8 244	1 181	1 595	4 812	3 196	619	997
\$70,000 to \$99,999 -----	9 152	6 084	1 346	1 722	5 923	3 404	1 022	1 497
\$100,000 to \$149,999 -----	12 468	6 649	2 960	2 859	10 077	4 870	2 572	2 635
\$150,000 to \$199,999 -----	9 769	4 503	2 875	2 391	8 868	3 828	2 729	2 311
\$200,000 to \$499,999 -----	31 637	9 341	14 517	7 779	30 715	8 610	14 424	7 681
\$500,000 to \$999,999 -----	14 045	2 191	9 091	2 763	13 939	2 103	9 073	2 763
\$1,000,000 to \$1,999,999 -----	3 466	421	2 572	473	3 430	387	2 570	473
\$2,000,000 to \$4,999,999 -----	380	59	268	53	378	57	268	53
\$5,000,000 or more -----	20	6	11	3	20	6	11	3
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms...	104 901	47 983	35 401	21 517	82 599	29 985	33 476	19 138
\$1,000...	5 543 375	1 642 932	2 790 375	1 110 067	5 242 462	1 407 002	2 762 429	1 073 030
Farms by value group:								
\$1 to \$4,999 -----	6 659	4 999	764	896	2 297	1 358	413	526
\$5,000 to \$9,999 -----	12 872	9 586	1 536	1 750	4 232	2 430	897	905
\$10,000 to \$19,999 -----	15 609	9 321	2 932	3 356	11 089	5 819	2 500	2 770
\$20,000 to \$49,999 -----	28 782	13 277	8 671	6 834	24 951	10 278	8 251	6 422
\$50,000 to \$99,999 -----	22 911	6 837	10 585	5 489	22 128	6 261	10 506	5 361
\$100,000 to \$199,999 -----	14 193	3 209	8 373	2 611	14 038	3 096	8 369	2 573
\$200,000 to \$499,999 -----	3 763	732	2 462	569	3 752	721	2 462	569
\$500,000 or more -----	112	22	78	12	112	22	78	12
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Motortrucks, including pickups ----- farms...	93 674	40 964	33 390	19 320	75 990	26 699	31 781	17 510
number...	143 433	56 726	57 968	28 739	121 204	38 970	55 811	26 423
Wheel tractors ----- farms...	97 120	43 292	34 112	19 716	78 229	28 028	32 359	17 842
number...	302 392	118 611	124 438	59 343	264 379	88 103	120 789	55 487
Less than 40 horsepower (PTO) ----- farms...	48 200	23 655	15 976	8 569	36 775	14 131	14 943	7 701
number...	79 062	38 846	26 553	13 663	61 240	24 017	24 921	12 302
40 horsepower (PTO) or more ----- farms...	85 755	34 896	32 332	18 527	73 265	25 105	31 125	17 035
number...	223 330	79 765	97 885	45 680	203 139	64 086	95 868	43 185
Grain and bean combines ----- farms...	55 575	18 036	25 445	12 094	51 340	14 837	24 985	11 518
number...	60 004	19 348	27 660	12 996	55 396	15 894	27 145	12 357
Cottonpickers and strippers ----- farms...	-	-	-	-	-	-	-	-
number...	-	-	-	-	-	-	-	-
Mower conditioners ----- farms...	29 756	12 558	11 736	5 462	26 065	9 566	11 456	5 043
number...	31 333	13 157	12 428	5 748	27 511	10 068	12 121	5 322
Pickup balers ----- farms...	40 640	17 404	15 837	7 399	34 965	12 863	15 205	6 897
number...	46 867	19 778	18 597	8 492	40 645	14 908	17 913	7 824
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Commercial fertilizer ----- farms...	83 051	31 214	33 053	18 784	73 180	23 549	32 082	17 549
acres on which used...	13 313 702	2 968 655	7 537 596	2 807 451	13 034 128	2 759 185	7 503 930	2 771 013
Lime ----- farms...	17 823	6 579	8 100	3 144	16 103	5 170	7 911	3 022
acres on which used...	1 219 181	369 111	660 601	189 469	1 154 181	318 078	649 107	186 996
tons...	2 846 408	897 165	1 530 784	418 459	2 691 096	775 325	1 504 137	411 634
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms...	41 361	14 558	17 477	9 326	37 727	11 835	17 118	8 774
acres on which used...	4 910 343	1 168 972	2 743 060	998 311	4 827 112	1 106 868	2 735 405	984 839
Nematodes in crops ----- farms...	2 548	1 018	961	569	2 327	871	926	530
acres on which used...	267 277	80 706	137 522	49 049	260 356	76 242	136 490	47 624
Diseases in crops and orchards ----- farms...	1 330	641	415	274	1 081	435	413	233
acres on which used...	112 420	34 354	56 878	21 188	107 681	31 367	(D)	(D)
Weeds, grass, or brush in crops and pasture ----- farms...	70 486	25 842	28 370	16 274	62 252	19 643	27 487	15 122
acres on which used...	14 709 093	2 858 201	8 535 267	3 315 625	14 459 964	2 684 827	8 502 468	3 272 669
Chemicals for defoliation or for growth control of crops or thinning of fruit ----- farms...	1 066	392	392	282	881	287	362	232
acres on which used...	120 779	27 659	57 305	35 815	117 261	25 747	56 651	34 863

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>TENURE AND RACE OF OPERATOR</b>								
All operators -----	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
Full owners -----	48 226	48 226	-	-	30 177	30 177	-	-
Part owners -----	35 207	-	35 207	-	33 211	-	33 211	-
Tenants -----	21 747	-	-	21 747	19 243	-	-	19 243
White -----	105 056	48 162	35 182	21 712	82 548	30 144	33 189	19 215
Full owners -----	48 162	48 162	-	-	30 144	30 144	-	-
Part owners -----	35 182	-	35 182	-	33 189	-	33 189	-
Tenants -----	21 712	-	-	21 712	19 215	-	-	19 215
Black and other races -----	124	64	25	35	83	33	22	28
Full owners -----	64	64	-	-	33	33	-	-
Part owners -----	25	-	25	-	22	-	22	-
Tenants -----	35	-	-	35	28	-	-	28
<b>OWNED AND RENTED LAND</b>								
Land owned ----- farms..	84 315	48 226	35 207	882	64 164	30 177	33 211	776
acres..	17 021 650	9 478 067	7 392 253	151 330	15 254 409	7 835 950	7 284 370	134 089
Owned land in farms ----- farms..	83 433	48 226	35 207	-	63 388	30 177	33 211	-
acres..	15 050 360	7 963 226	7 087 134	-	13 819 427	6 820 684	6 998 743	-
Land rented or leased from others ----- farms..	57 231	277	35 207	21 747	52 663	209	33 211	19 243
acres..	16 739 305	40 194	10 214 427	6 484 684	16 478 516	34 643	10 113 599	6 330 274
Rented or leased land in farms ----- farms..	56 954	-	35 207	21 747	52 454	-	33 211	19 243
acres..	16 587 770	-	10 168 837	6 418 933	16 338 772	-	10 069 845	6 268 927
Land rented or leased to others ----- farms..	14 144	10 044	2 777	1 323	9 191	5 486	2 545	1 160
acres..	2 122 825	1 555 035	350 709	217 081	1 574 726	1 049 909	329 381	195 436
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated -----	78 710	34 434	30 415	13 861	63 692	21 959	28 878	12 855
Not on farm operated -----	20 505	9 910	3 524	7 071	14 906	5 999	3 168	5 739
Not reported -----	5 965	3 882	1 268	815	4 033	2 219	1 165	649
Operators by principal occupation:								
Farming -----	75 279	28 709	30 242	16 328	67 738	22 455	29 714	15 569
Other -----	29 901	19 517	4 965	5 419	14 893	7 722	3 497	3 674
Operators by days of work off farm:								
None -----	51 753	21 159	20 983	9 611	45 847	16 050	20 644	9 153
Any -----	46 229	22 930	12 128	11 171	30 921	11 195	10 532	9 194
1 to 99 days -----	13 104	3 884	5 119	4 101	11 508	2 687	4 970	3 851
100 to 199 days -----	7 197	3 259	2 077	1 861	5 406	1 937	1 862	1 607
200 days or more -----	25 928	15 787	4 932	5 209	14 007	6 571	3 700	3 736
Not reported -----	7 198	4 137	2 096	965	5 863	2 932	2 035	896
Operators by years on present farm:								
2 years or less -----	5 787	2 537	744	2 506	4 034	1 406	615	2 013
3 or 4 years -----	5 973	2 463	988	2 522	4 289	1 306	839	2 144
5 to 9 years -----	13 617	5 246	3 416	4 955	10 278	2 765	3 048	4 465
10 years or more -----	65 721	29 623	26 597	9 501	54 138	19 867	25 478	8 793
Average years on present farm -----	19.7	21.4	21.8	12.5	20.4	23.4	22.2	12.8
Not reported -----	14 082	8 357	3 462	2 263	9 892	4 833	3 231	1 828
Operators by age group:								
Under 25 years -----	2 852	816	322	1 714	2 199	472	295	1 432
25 to 34 years -----	17 458	4 707	4 968	7 783	14 640	2 924	4 688	7 028
35 to 44 years -----	21 282	7 691	8 303	5 288	16 733	4 299	7 760	4 674
45 to 49 years -----	10 512	4 622	4 464	1 426	8 130	2 718	4 173	1 239
50 to 54 years -----	11 232	5 318	4 675	1 239	8 873	3 303	4 490	1 080
55 to 59 years -----	12 608	6 113	5 137	1 358	10 303	4 165	4 911	1 227
60 to 64 years -----	12 679	6 846	4 416	1 417	10 441	4 899	4 243	1 299
65 to 69 years -----	7 848	5 249	1 731	868	5 665	3 321	1 600	744
70 years and over -----	8 709	6 864	1 191	654	5 647	4 076	1 051	520
Average age -----	49.3	53.9	48.6	40.3	48.7	54.3	48.6	40.2
Operators by sex:								
Male -----	101 838	45 734	34 740	21 364	80 750	28 944	32 814	18 992
Female -----	3 342	2 492	467	383	1 881	1 233	397	251
Operators of Spanish origin (see text) -----								
	105	60	27	18	82	43	23	16
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms..	89 188	41 321	30 029	17 838	68 845	24 922	28 197	15 726
acres..	25 058 946	6 358 349	13 692 689	5 007 908	23 749 442	5 339 128	13 526 300	4 884 014
Partnership ----- farms..	11 088	4 836	3 051	3 201	9 349	3 538	2 910	2 901
acres..	3 802 372	940 017	1 794 599	1 067 756	3 671 569	846 165	1 778 180	1 047 224
Corporation:								
Family held ----- farms..	4 094	1 543	2 003	548	3 845	1 348	1 991	506
acres..	2 568 304	571 789	1 692 517	303 998	2 543 963	554 152	1 688 923	300 888
More than 10 stockholders ----- farms..	81	43	36	2	78	40	36	2
10 or less stockholders ----- farms..	4 013	1 500	1 967	546	3 767	1 308	1 955	504
Other than family held ----- farms..	310	218	51	41	250	167	49	34
acres..	91 558	35 955	39 066	16 537	86 393	31 296	(D)	(D)
More than 10 stockholders ----- farms..	34	24	7	3	25	17	5	3
10 or less stockholders ----- farms..	276	194	44	38	225	150	44	31
Other—cooperative, estate or trust, institutional, etc. ----- farms..								
	500	308	73	119	342	202	64	76
acres..	116 950	57 116	37 100	22 734	106 832	49 943	(D)	(D)

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	7 974	7 158	143	673	3 645	3 297	31	317
10 to 49 acres .....	10 981	8 437	1 003	1 541	2 449	1 700	269	480
50 to 69 acres .....	2 901	1 951	408	542	1 099	634	179	286
70 to 99 acres .....	6 981	4 777	778	1 426	3 985	2 472	502	1 011
100 to 139 acres .....	7 168	4 442	1 188	1 538	5 238	2 911	953	1 374
140 to 179 acres .....	10 506	5 829	1 828	2 849	9 182	4 774	1 678	2 730
180 to 219 acres .....	6 574	3 171	1 753	1 650	5 967	2 702	1 672	1 593
220 to 259 acres .....	7 119	3 010	2 214	1 895	6 759	2 738	2 156	1 865
260 to 499 acres .....	25 378	6 875	12 331	6 172	24 800	6 430	12 234	6 136
500 to 999 acres .....	15 874	2 126	10 768	2 980	15 793	2 076	10 747	2 970
1,000 to 1,999 acres .....	3 401	404	2 552	445	3 393	399	2 549	445
2,000 acres or more .....	323	46	241	36	321	44	241	36
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	50 200	18 560	18 640	13 000	42 117	12 508	17 897	11 712
Field crops, except cash grains (013) .....	1 451	1 195	138	118	204	118	44	42
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	1 195	138	118	204	118	44	42
Vegetables and melons (016) .....	213	125	50	38	79	32	30	17
Fruits and tree nuts (017) .....	195	175	13	7	46	35	8	3
Horticultural specialties (018) .....	278	221	33	24	192	151	27	14
General farms, primarily crop (019) .....	1 039	663	247	129	485	178	204	103
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	23 127	13 874	6 978	33 596	14 580	12 950	6 066
Beef cattle, except feedlots (0212) .....	10 095	7 351	1 771	973	4 624	2 850	1 234	540
Dairy farms (024) .....	4 209	1 860	1 391	958	4 136	1 800	1 385	951
Poultry and eggs (025) .....	570	415	101	54	400	264	91	45
Animal specialties (027) .....	1 601	1 288	145	168	209	156	26	27
General farms, primarily livestock and animal specialties (029) .....	1 445	597	575	273	1 167	355	549	263
<b>LIVESTOCK</b>								
Cattle and calves inventory .....	49 469 farms..	22 432	18 237	8 800	40 741	15 370	17 294	8 077
number..	4 303 682	1 413 373	2 199 537	690 772	4 131 811	1 277 546	2 177 740	676 525
Farms with—								
1 to 9 .....	4 928	3 322	863	743	1 992	844	627	521
10 to 49 .....	19 719	10 612	5 465	3 642	14 500	6 466	4 847	3 187
50 to 99 .....	12 289	4 899	4 970	2 420	11 762	4 497	4 889	2 376
100 to 199 .....	8 310	2 569	4 301	1 440	8 274	2 542	4 294	1 438
200 to 499 .....	3 423	827	2 132	464	3 416	821	2 131	464
500 or more .....	800	203	506	91	797	200	506	91
Cows and heifers that had calved .....	38 373 farms..	17 428	14 239	6 706	31 662	12 076	13 459	6 133
number..	1 418 633	512 742	671 896	233 995	1 337 250	449 038	661 058	227 154
Beef cows .....	32 279 farms..	14 812	12 141	5 326	25 846	9 686	11 383	4 777
number..	1 123 745	408 238	544 881	170 626	1 044 065	345 903	534 244	163 918
Farms with—								
1 to 9 .....	5 883	3 615	1 329	939	2 822	1 114	1 030	678
10 to 49 .....	19 651	9 149	7 082	3 420	16 343	6 573	6 635	3 135
50 to 99 .....	4 965	1 589	2 624	1 588	4 910	1 548	2 613	749
100 to 199 .....	1 467	366	922	179	1 462	362	921	179
200 to 499 .....	276	86	159	31	272	82	159	31
500 or more .....	37	7	25	5	37	7	25	5
Milk cows .....	7 748 farms..	3 346	2 761	1 641	7 247	2 939	2 703	1 605
number..	294 888	104 504	127 015	63 369	293 185	103 135	126 814	63 236
Farms with—								
1 to 4 .....	880	564	221	95	489	248	173	68
5 to 9 .....	278	164	59	55	208	103	55	50
10 to 49 .....	4 340	1 910	1 405	1 025	4 300	1 880	1 399	1 021
50 to 99 .....	1 955	643	887	425	1 955	643	887	425
100 to 199 .....	272	61	174	37	272	61	174	37
200 to 499 .....	22	3	15	4	22	3	15	4
500 or more .....	1	1	-	-	1	1	-	-
Heifers and heifer calves .....	38 383 farms..	16 937	14 492	6 954	32 079	11 895	13 777	6 407
number..	1 275 321	403 081	657 699	214 541	1 232 578	369 734	652 202	210 642
Steers, steer calves, bulls, and bull calves .....	42 527 farms..	18 839	16 204	7 484	35 469	13 154	15 409	6 906
number..	1 609 728	497 550	869 942	242 236	1 561 983	458 774	864 480	238 729
Cattle and calves sold .....	50 509 farms..	22 765	18 752	8 992	42 170	16 020	17 859	8 291
number..	3 539 020	1 134 880	1 871 445	532 695	3 461 601	1 072 202	1 863 076	526 323
\$1,000..	2 124 641	651 926	1 163 329	309 386	2 094 924	628 026	1 160 151	306 748
Calves .....	16 116 farms..	8 309	4 918	2 889	12 434	5 312	4 526	2 596
number..	355 396	156 348	137 491	61 557	324 299	130 726	134 232	59 341
\$1,000..	101 352	43 828	41 235	16 289	92 453	36 489	40 322	15 642
Cattle .....	43 833 farms..	19 059	16 887	7 887	37 500	13 973	16 187	7 340
number..	3 183 624	978 532	1 733 954	471 138	3 137 302	941 476	1 728 844	466 982
\$1,000..	2 023 290	608 098	1 122 094	293 098	2 002 471	591 536	1 119 829	291 106
Fattened on grain and concentrates .....	22 503 farms..	8 456	9 890	4 157	20 611	6 930	9 695	3 986
number..	2 405 669	698 883	1 361 728	345 058	2 393 989	689 253	1 360 709	344 027
\$1,000..	1 643 176	471 205	940 361	231 610	1 637 051	466 217	939 810	231 023

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory..... farms..	36 670	13 285	15 587	7 798	34 159	11 247	15 374	7 538
..... number..	12 983 074	3 887 504	6 740 565	2 355 005	12 895 969	3 816 769	6 734 617	2 344 583
Farms with—								
1 to 24.....	3 530	2 141	841	548	2 086	940	720	426
25 to 49.....	2 560	1 278	730	552	2 043	888	674	481
50 to 99.....	4 220	1 805	1 372	1 043	3 818	1 481	1 341	996
100 to 199.....	6 766	2 521	2 602	1 643	6 654	2 429	2 599	1 626
200 to 499.....	11 269	3 311	5 373	2 585	11 236	3 283	5 371	2 582
500 or more.....	8 325	2 229	4 669	1 427	8 322	2 226	4 669	1 427
Used or to be used for breeding..... farms..	26 944	9 379	11 778	5 787	25 482	8 216	11 643	5 623
..... number..	1 657 873	526 871	828 150	302 852	1 641 095	513 361	826 732	301 002
Other..... farms..	35 152	12 483	15 165	7 504	32 937	10 699	14 974	7 264
..... number..	11 325 201	3 360 633	5 912 415	2 052 153	11 254 874	3 303 408	5 907 885	2 043 581
Hogs and pigs sold..... farms..	38 638	14 220	16 222	8 196	35 888	11 978	15 997	7 913
..... number..	23 483 812	7 471 167	11 804 306	4 208 339	23 367 520	7 374 737	11 796 007	4 196 776
\$1,000.....	2 494 231	747 776	1 303 979	442 476	2 484 999	740 126	1 303 353	441 518
Feeder pigs..... farms..	8 972	3 446	3 385	2 141	8 151	2 791	3 312	2 048
..... number..	4 460 979	1 972 089	1 652 720	836 170	4 405 253	1 925 890	1 648 314	831 049
\$1,000.....	209 249	90 700	79 590	38 960	207 043	88 878	79 414	38 750
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms..	28 037	9 888	12 122	6 027	26 366	8 559	11 967	5 840
..... number..	2 495 867	788 746	1 254 200	452 921	2 477 813	773 944	1 252 814	451 055
Dec. 1 and May 31..... farms..	26 110	9 080	11 475	5 555	24 784	8 022	11 354	5 408
..... number..	1 251 973	398 955	628 001	225 017	1 243 303	391 750	627 367	224 186
June 1 and Nov. 30..... farms..	25 992	8 853	11 456	5 683	24 646	7 795	11 329	5 522
..... number..	1 243 894	389 791	626 199	227 904	1 234 510	382 194	625 447	226 869
Sheep and lambs of all ages inventory..... farms..	8 636	4 185	2 904	1 547	6 046	2 123	2 621	1 302
..... number..	451 617	170 626	169 498	111 493	376 723	112 318	160 681	103 724
Ewes 1 year old or older..... farms..	8 089	3 884	2 740	1 465	5 664	1 964	2 472	1 228
..... number..	280 591	108 729	111 546	60 316	229 796	69 672	105 338	54 786
Sheep and lambs sold..... farms..	8 806	4 263	2 956	1 587	6 177	2 171	2 674	1 332
..... number..	607 492	181 401	195 434	230 657	546 920	133 805	188 675	224 440
Sheep and lambs shorn..... farms..	8 052	3 842	2 749	1 461	5 680	1 972	2 487	1 221
..... number..	542 200	163 626	174 189	204 385	476 106	113 033	165 921	197 152
pounds of wool.....	2 901 639	1 091 724	1 165 743	644 172	2 440 905	737 256	1 110 100	593 549
Horses and ponies inventory..... farms..	11 647	6 070	3 757	1 820	7 176	2 540	3 194	1 442
..... number..	59 338	32 164	18 927	8 247	34 375	13 120	15 303	5 952
Horses and ponies sold..... farms..	2 453	1 439	678	336	1 308	544	529	235
..... number..	9 909	5 415	3 017	1 477	6 478	2 801	2 552	1 125
Goats inventory..... farms..	1 082	640	278	164	574	233	220	121
..... number..	7 387	4 162	1 783	1 442	4 188	1 697	1 560	927
Goats sold..... farms..	366	216	92	58	191	82	70	39
..... number..	3 198	2 185	587	426	1 901	1 188	395	318
<b>POULTRY</b>								
Chickens 3 months old or older inventory..... farms..	4 897	2 894	1 304	699	3 299	1 573	1 128	598
..... number..	9 580 666	7 258 358	1 703 244	619 064	9 510 755	7 198 069	1 697 454	615 232
Farms with—								
1 to 399.....	4 456	2 646	1 167	643	2 870	1 336	991	543
400 to 3,199.....	175	92	59	24	163	81	59	23
3,200 to 9,999.....	93	45	36	12	93	45	36	12
10,000 to 19,999.....	82	50	21	11	82	50	21	11
20,000 to 49,999.....	50	27	16	7	50	27	16	7
50,000 to 99,999.....	25	21	2	2	25	21	2	2
100,000 or more.....	16	13	3	-	16	13	3	-
Hens and pullets of laying age..... farms..	4 834	2 852	1 291	691	3 255	1 546	1 117	592
..... number..	8 212 576	6 113 208	1 521 771	577 597	8 148 440	6 057 957	1 516 503	573 980
Pullets 3 months old or older not of laying age..... farms..	487	283	134	70	322	159	108	55
..... number..	1 368 090	1 145 150	181 473	41 467	1 362 315	1 140 112	180 951	41 252
Hens and pullets sold..... farms..	908	497	283	128	754	366	271	117
..... number..	9 873 596	6 401 990	2 654 110	817 496	9 828 842	6 358 044	2 653 704	817 094
Broilers and other meat-type chickens sold..... farms..	1 060	480	322	258	768	251	290	227
..... number..	666 016	405 380	130 627	130 009	582 165	337 430	121 596	123 139
Farms with—								
1 to 1,999.....	1 021	461	309	251	735	238	277	220
2,000 to 59,999.....	38	18	13	7	32	12	13	7
60,000 to 99,999.....	-	-	-	-	-	-	-	-
100,000 or more.....	1	1	-	-	1	1	-	-
Turkey hens kept for breeding..... farms..	345	203	74	68	191	80	59	52
..... number..	71 889	45 124	13 600	13 165	71 274	44 633	13 546	13 095
Turkeys sold..... farms..	407	204	123	80	320	141	109	70
..... number..	9 594 632	4 584 072	4 127 961	882 599	9 592 464	4 582 317	4 127 627	882 520

See footnotes at end of table.

**Table 48. Summary by Tenure of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of \$10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms..	83 301	30 567	33 318	19 416	74 285	23 767	32 381	18 137
acres..	10 147 051	2 131 931	5 812 446	2 202 674	9 973 381	2 007 951	5 794 209	2 171 221
bushels..	1 274 388 346	256 325 081	741 792 924	276 270 341	1 258 020 972	244 614 474	740 154 216	273 252 282
Irrigated ----- farms..	453	123	245	85	434	108	243	83
acres..	62 099	16 923	36 275	8 901	61 726	16 594	(D)	(D)
Farms by acres harvested:								
1 to 24 acres -----	11 524	8 272	1 698	1 554	4 988	3 163	1 007	818
25 to 99 acres -----	35 088	15 998	9 592	9 498	32 638	14 323	9 353	8 962
100 to 249 acres -----	27 186	5 257	15 129	6 800	27 157	5 241	15 123	6 793
250 to 499 acres -----	7 726	848	5 543	1 335	7 725	848	5 542	1 335
500 acres or more -----	1 777	192	1 356	229	1 777	192	1 356	229
Corn for silage or green chop ----- farms..	7 934	2 708	3 883	1 343	7 742	2 562	3 858	1 322
acres..	205 176	61 549	113 351	30 276	202 856	59 717	113 084	30 055
tons, green..	3 251 394	924 462	1 848 141	478 791	3 217 196	897 805	1 844 316	475 075
Irrigated ----- farms..	7	1	6	-	6	-	6	-
acres..	110	(D)	(D)	-	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres -----	5 508	1 975	2 507	1 026	5 341	1 850	2 484	1 007
25 to 99 acres -----	2 112	652	1 187	273	2 088	632	1 185	271
100 to 249 acres -----	265	71	154	40	264	70	154	40
250 to 499 acres -----	41	9	31	1	41	9	31	1
500 acres or more -----	8	1	4	3	8	1	4	3
Sorghum for grain or seed ----- farms..	108	42	49	17	94	33	47	14
acres..	4 376	1 907	2 167	302	4 113	1 690	(D)	(D)
bushels..	334 779	122 203	190 217	22 359	325 404	116 231	(D)	(D)
Irrigated ----- farms..	-	-	-	-	-	-	-	-
acres..	-	-	-	-	-	-	-	-
Wheat for grain ----- farms..	1 345	498	629	218	1 212	395	615	202
acres..	31 047	10 398	15 936	4 713	28 672	8 358	15 739	4 575
bushels..	1 180 360	372 035	621 379	186 946	1 113 489	315 254	614 951	183 284
Irrigated ----- farms..	2	-	2	-	2	-	2	-
acres..	(D)	-	(D)	-	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres -----	998	384	454	160	892	304	443	145
25 to 99 acres -----	307	96	158	53	284	77	155	52
100 to 249 acres -----	33	17	12	4	29	13	12	4
250 to 499 acres -----	5	1	3	1	5	1	3	1
500 acres or more -----	2	-	2	-	2	-	2	-
Barley for grain ----- farms..	357	157	134	66	339	140	134	65
acres..	6 545	2 903	(D)	(D)	6 340	2 738	(D)	(D)
bushels..	358 125	153 748	(D)	(D)	351 973	148 276	(D)	(D)
Irrigated ----- farms..	7	2	2	3	7	2	2	3
acres..	483	(D)	(D)	130	483	(D)	(D)	130
Oats for grain ----- farms..	25 398	9 225	10 758	5 415	23 732	7 973	10 572	5 187
acres..	544 907	181 138	253 318	110 451	525 517	166 626	251 275	107 616
bushels..	30 918 660	9 818 590	14 780 883	6 319 187	30 087 002	9 202 128	14 688 361	6 196 513
Irrigated ----- farms..	16	4	9	3	15	3	9	3
acres..	484	306	123	55	(D)	(D)	123	55
Farms by acres harvested:								
1 to 24 acres -----	18 021	6 903	7 175	3 943	16 499	5 755	7 004	3 740
25 to 99 acres -----	7 125	2 248	3 442	1 435	6 983	2 146	3 427	1 410
100 to 249 acres -----	238	72	130	36	236	70	130	36
250 to 499 acres -----	13	2	10	1	13	2	10	1
500 acres or more -----	1	-	1	-	1	-	1	-
Soybeans for beans ----- farms..	68 278	21 831	29 523	16 924	62 537	17 660	28 875	16 002
acres..	7 903 395	1 407 647	4 593 817	1 901 931	7 792 894	1 332 209	4 580 147	1 880 538
bushels..	326 081 351	56 344 467	191 376 809	78 360 075	322 478 170	53 887 737	190 952 108	77 638 325
Irrigated ----- farms..	221	69	111	41	208	59	109	40
acres..	20 304	5 803	11 115	3 866	20 082	5 604	(D)	(D)
Farms by acres harvested:								
1 to 24 acres -----	10 200	6 271	2 198	1 731	6 065	3 143	1 748	1 174
25 to 99 acres -----	28 626	11 348	9 412	7 866	27 034	10 313	9 219	7 502
100 to 249 acres -----	22 245	3 637	12 687	5 921	22 231	3 629	12 682	5 920
250 to 499 acres -----	6 197	491	4 472	1 234	6 197	491	4 472	1 234
500 acres or more -----	1 010	84	754	172	1 010	84	754	172
Irish potatoes ----- farms..	104	56	43	5	63	23	35	5
acres..	1 998	878	1 074	46	1 963	845	1 073	46
cwt..	336 981	150 603	176 517	9 861	329 780	143 775	176 144	9 861
Irrigated ----- farms..	20	7	11	2	18	5	11	2
acres..	1 158	(D)	703	(D)	(D)	(D)	703	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms..	48 271	20 721	18 737	8 813	40 181	14 274	17 737	8 170
acres..	1 968 207	687 654	946 520	334 033	1 829 492	580 490	926 820	322 182
tons, dry..	5 612 944	1 855 802	2 806 100	951 042	5 328 103	1 638 851	2 763 002	926 250
Irrigated ----- farms..	45	25	16	4	37	18	15	4
acres..	1 216	791	(D)	(D)	1 146	737	(D)	(D)
Farms by acres harvested:								
1 to 24 acres -----	22 645	11 144	7 142	4 359	16 299	6 050	6 394	3 855
25 to 99 acres -----	21 233	8 435	9 001	3 797	19 538	7 114	8 757	3 667
100 to 249 acres -----	4 085	1 071	2 400	614	4 037	1 039	2 393	605
250 to 499 acres -----	278	64	173	41	277	64	172	41
500 acres or more -----	30	7	21	2	30	7	21	2
Alfalfa hay ----- farms..	41 883	17 682	16 480	7 721	35 260	12 411	15 631	7 218
acres..	1 380 550	489 543	653 774	237 233	1 283 000	414 223	639 672	229 105
tons, dry..	4 444 233	1 470 439	2 204 430	769 364	4 221 401	1 301 190	2 170 046	750 165
Irrigated ----- farms..	31	16	13	2	26	12	12	2
acres..	641	414	(D)	(D)	607	395	(D)	(D)

See footnotes at end of table.



**Table 49. Summary by Type of Organization: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
<b>FARMS AND LAND IN FARMS</b>									
Farms.....number.....	105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
.....percent.....	100.0	84.8	10.5	4.2	3.9	3.8	.3	.3	.5
Land in farms.....acres.....	31 638 130	25 058 946	3 802 372	2 659 862	2 568 304	2 512 083	91 558	76 406	116 950
Average size of farm.....acres.....	301	281	343	604	627	626	295	277	234
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>									
Total sales (see text).....farms.....	105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
.....\$1,000.....	8 926 799	6 458 754	1 167 123	1 258 180	1 120 000	1 079 773	138 181	100 807	42 741
Average per farm.....dollars.....	84 872	72 417	105 260	285 690	273 571	269 069	445 745	365 241	85 483
Farms by value of sales:									
Less than \$1,000 (see text).....	3 782	3 460	231	65	56	56	9	8	26
\$1,000 to \$2,499.....	5 017	4 624	307	51	42	42	9	8	35
\$2,500 to \$4,999.....	5 498	5 001	393	75	53	53	22	18	29
\$5,000 to \$9,999.....	8 252	7 258	808	118	98	95	20	17	68
\$10,000 to \$19,999.....	12 427	10 771	1 365	208	186	183	22	21	83
\$20,000 to \$24,999.....	5 009	4 313	564	93	84	81	9	5	39
\$25,000 to \$39,999.....	11 756	10 178	1 284	235	216	214	19	18	59
\$40,000 to \$49,999.....	5 996	5 211	613	153	142	138	11	11	19
\$50,000 to \$99,999.....	20 656	17 809	2 095	681	650	632	31	31	71
\$100,000 to \$249,999.....	20 200	16 470	2 357	1 332	1 282	1 261	50	42	41
\$250,000 to \$499,999.....	4 957	3 286	788	860	801	790	59	54	23
\$500,000 to \$999,999.....	1 220	656	207	352	320	312	32	29	5
\$1,000,000 or more.....	410	151	76	181	164	156	17	14	2
Grains.....farms.....	81 042	68 385	8 585	3 708	3 537	3 466	171	151	364
.....\$1,000.....	3 563 323	2 793 399	388 210	370 474	360 369	352 909	10 105	9 106	11 241
Sales of \$50,000 or more.....farms.....	23 982	19 259	2 347	2 323	2 260	2 216	63	59	53
.....\$1,000.....	2 507 136	1 888 093	274 921	337 920	329 356	322 463	8 564	7 767	6 203
Corn for grain.....farms.....	72 356	61 060	7 611	3 353	3 209	3 148	144	129	332
.....\$1,000.....	1 961 527	1 527 921	214 194	213 004	207 342	202 969	5 661	5 313	6 409
Wheat.....farms.....	1 188	945	147	88	86	84	2	1	8
.....\$1,000.....	2 726	2 076	348	291	(D)	279	(D)	(D)	10
Soybeans.....farms.....	68 166	57 423	7 123	3 338	3 208	3 143	130	115	282
.....\$1,000.....	1 573 168	1 242 619	170 754	155 032	150 730	147 667	4 302	3 724	4 762
Sorghum for grain.....farms.....	57	35	10	11	9	9	2	-	1
.....\$1,000.....	477	271	(D)	(D)	(D)	(D)	(D)	-	(D)
Barley.....farms.....	81	63	13	4	4	4	-	-	1
.....\$1,000.....	116	91	(D)	(D)	(D)	(D)	-	-	(D)
Oats.....farms.....	11 842	10 023	1 299	484	465	458	19	15	36
.....\$1,000.....	19 604	15 943	2 255	1 357	1 305	1 292	51	40	50
Other grains.....farms.....	677	542	80	50	46	46	4	2	5
.....\$1,000.....	5 705	4 478	(D)	600	513	513	86	(D)	(D)
Cotton and cottonseed.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	12 947	11 101	1 294	494	478	471	16	14	58
.....\$1,000.....	46 480	36 423	5 549	4 260	4 203	4 122	57	(D)	249
Sales of \$50,000 or more.....farms.....	30	17	5	8	8	8	-	-	-
.....\$1,000.....	3 365	1 291	363	1 711	1 711	1 711	-	-	-
Vegetables, sweet corn, and melons.....farms.....	596	511	54	26	25	25	1	1	5
.....\$1,000.....	7 541	4 464	1 172	931	(D)	(D)	(D)	(D)	974
Sales of \$50,000 or more.....farms.....	30	15	6	8	8	8	-	-	1
.....\$1,000.....	4 384	1 708	916	(D)	(D)	(D)	-	-	(D)
Fruits, nuts, and berries.....farms.....	371	335	23	11	7	7	4	4	2
.....\$1,000.....	2 853	2 407	305	(D)	120	120	(D)	(D)	(D)
Sales of \$50,000 or more.....farms.....	13	10	2	1	1	1	-	-	-
.....\$1,000.....	1 390	1 125	(D)	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops.....farms.....	357	246	27	83	77	76	6	5	1
.....\$1,000.....	38 241	8 239	2 934	(D)	18 800	(D)	(D)	(D)	(D)
Sales of \$50,000 or more.....farms.....	111	42	11	57	53	52	4	3	1
.....\$1,000.....	35 714	6 302	(D)	26 242	(D)	(D)	(D)	(D)	(D)
Other crops.....farms.....	99	77	9	9	8	8	1	-	4
.....\$1,000.....	1 678	682	69	921	(D)	(D)	(D)	-	6
Sales of \$50,000 or more.....farms.....	7	3	-	4	4	4	-	-	-
.....\$1,000.....	1 259	377	-	882	882	882	-	-	-
Poultry and poultry products.....farms.....	3 643	3 109	373	142	120	113	22	19	19
.....\$1,000.....	192 229	68 885	19 761	90 330	67 521	58 541	22 809	11 895	13 253
Sales of \$50,000 or more.....farms.....	426	284	54	86	69	65	17	16	2
.....\$1,000.....	186 495	64 156	(D)	90 055	67 280	58 301	22 775	(D)	(D)
Dairy products.....farms.....	7 048	5 616	1 250	153	145	141	8	8	29
.....\$1,000.....	392 284	293 775	79 642	17 054	16 552	16 103	502	502	1 812
Sales of \$50,000 or more.....farms.....	3 165	2 377	659	117	114	112	3	3	12
.....\$1,000.....	294 998	212 957	64 513	16 085	15 642	(D)	442	442	1 444
Cattle and calves.....farms.....	50 509	42 645	5 956	1 721	1 640	1 601	81	69	187
.....\$1,000.....	2 124 641	1 394 178	310 258	414 487	363 177	346 399	51 310	35 588	5 718
Sales of \$50,000 or more.....farms.....	7 178	5 289	1 074	785	755	735	30	22	30
.....\$1,000.....	1 590 392	945 986	243 204	397 420	346 820	330 327	50 600	34 897	3 782

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>									
Total sales (see text)—Con.									
Hogs and pigs									
farms...	38 638	32 175	4 578	1 786	1 656	1 626	130	122	99
\$1,000...	2 494 231	1 801 644	354 150	329 505	284 029	277 654	45 476	42 329	8 932
Sales of \$50,000 or more									
farms...	15 528	11 977	2 139	1 368	1 267	1 245	101	93	44
\$1,000...	2 058 777	1 424 494	306 763	319 645	274 743	268 541	44 902	41 755	7 876
Sheep, lambs, and wool									
farms...	8 922	7 859	792	233	227	227	6	6	38
\$1,000...	46 157	41 707	3 475	875	869	869	6	6	101
Sales of \$50,000 or more									
farms...	77	68	9	-	-	-	-	-	-
\$1,000...	21 114	20 099	1 015	-	-	-	-	-	-
Other livestock and livestock products (see text)									
farms...	3 417	3 068	235	104	93	93	11	11	10
\$1,000...	17 139	12 951	1 599	2 543	2 518	2 518	26	26	46
Sales of \$50,000 or more									
farms...	60	48	3	9	9	9	-	-	-
\$1,000...	8 848	5 696	1 014	2 138	2 138	2 138	-	-	-
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>									
Total farm production expenses									
farms...	105 184	88 896	11 249	4 375	4 018	3 923	357	304	664
\$1,000...	6 647 645	4 829 294	801 577	980 991	866 910	829 567	114 081	79 782	35 782
Average per farm									
dollars...	63 200	54 325	71 258	224 227	215 757	211 462	319 556	262 440	53 889
Livestock and poultry purchased									
farms...	46 066	38 626	5 168	2 065	1 915	1 857	150	134	207
\$1,000...	1 358 161	891 911	179 027	283 370	241 415	229 468	41 955	28 911	3 853
Farms with expenses of—									
\$1 to \$4,999	20 895	18 114	2 208	470	447	435	23	22	103
\$5,000 to \$24,999	14 932	12 657	1 699	529	487	473	42	42	47
\$25,000 to \$99,999	7 811	6 269	903	588	535	528	53	43	51
\$100,000 or more	2 428	1 586	358	478	446	421	32	27	6
Feed for livestock and poultry									
farms...	64 752	54 829	7 035	2 590	2 391	2 315	199	164	298
\$1,000...	1 101 866	750 663	150 157	191 640	156 004	145 144	35 636	25 624	9 406
Farms with expenses of—									
\$1 to \$4,999	31 369	27 734	2 904	552	506	493	46	31	179
\$5,000 to \$24,999	22 076	18 713	2 520	770	737	707	33	32	73
\$25,000 to \$99,999	9 846	7 567	1 395	849	801	774	48	38	35
\$100,000 or more	1 461	815	216	419	347	341	72	63	11
Commercially mixed formula feeds									
farms...	33 282	27 647	3 967	1 503	1 398	1 368	105	82	165
\$1,000...	475 104	305 525	66 228	96 571	77 609	68 971	18 961	12 181	6 781
Farms with expenses of—									
\$1 to \$4,999	17 634	15 257	1 838	427	394	387	33	17	112
\$5,000 to \$24,999	11 352	9 435	1 400	480	472	463	8	7	37
\$25,000 to \$79,999	3 545	2 538	617	382	355	347	27	25	8
\$80,000 or more	751	417	112	214	177	171	37	33	8
Seeds, bulbs, plants, and trees									
farms...	88 807	74 549	9 864	3 901	3 681	3 598	220	183	493
\$1,000...	308 197	240 671	34 880	31 542	28 683	28 068	2 859	921	1 103
Farms with expenses of—									
\$1 to \$999	23 074	19 877	2 587	389	349	326	40	28	221
\$1,000 to \$4,999	45 976	39 264	5 155	1 331	1 229	1 198	102	81	226
\$5,000 to \$24,999	19 426	15 252	2 053	2 076	2 005	1 985	71	68	45
\$25,000 or more	331	156	69	105	98	89	7	6	1
Commercial fertilizer									
farms...	83 067	69 809	9 023	3 803	3 585	3 502	218	181	432
\$1,000...	467 355	366 497	53 453	45 870	44 397	43 271	1 473	1 336	1 535
Farms with expenses of—									
\$1 to \$4,999	51 929	44 843	5 554	1 207	1 071	1 041	136	106	325
\$5,000 to \$24,999	29 100	23 639	3 185	2 177	2 108	2 066	69	62	99
\$25,000 to \$49,999	1 788	1 202	229	349	339	330	10	10	8
\$50,000 or more	250	125	55	70	67	63	3	3	-
Agricultural chemicals									
farms...	86 631	72 790	9 456	3 883	3 652	3 572	231	200	502
\$1,000...	309 894	242 033	34 908	31 472	30 415	29 734	1 057	954	1 482
Farms with expenses of—									
\$1 to \$4,999	66 563	57 091	7 329	1 698	1 523	1 474	175	148	445
\$5,000 to \$24,999	19 490	15 375	2 031	2 030	1 979	1 957	51	47	54
\$25,000 to \$49,999	514	296	82	134	130	124	4	4	2
\$50,000 or more	64	28	14	21	20	17	1	1	1
Petroleum products									
farms...	100 939	85 346	10 759	4 222	3 898	3 803	324	272	612
\$1,000...	315 061	244 263	38 259	31 245	29 117	28 103	2 128	1 446	1 295
Farms with expenses of—									
\$1 to \$4,999	81 446	70 559	8 297	2 051	1 823	1 762	228	184	539
\$5,000 to \$24,999	19 169	14 648	2 397	2 057	1 974	1 946	83	77	67
\$25,000 to \$49,999	274	125	56	87	75	73	12	11	6
\$50,000 or more	50	14	9	27	26	22	1	-	-
Gasoline and gasohol									
farms...	87 982	74 711	9 178	3 605	3 381	3 301	224	179	488
\$1,000...	105 047	83 728	12 823	8 035	7 564	7 363	471	382	462
Diesel fuel									
farms...	73 400	61 246	8 243	3 579	3 359	3 292	220	179	332
\$1,000...	136 878	105 875	16 676	13 845	13 263	12 943	582	523	481
Natural gas									
farms...	5 064	3 981	658	390	365	357	25	17	35
\$1,000...	6 637	4 083	742	1 744	1 643	1 319	100	98	68
LP gas, fuel oil, kerosene, motor oil, grease, etc.									
farms...	86 862	73 030	9 426	3 951	3 698	3 618	253	211	455
\$1,000...	66 500	50 577	8 018	7 621	6 646	6 478	975	443	284

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>									
—Con.									
Total farm production expenses—Con.									
Electricity..... farms.....	90 255	76 184	9 581	3 982	3 687	3 593	295	250	508
..... \$1,000.....	126 591	95 987	15 792	13 821	12 069	11 696	1 752	1 355	992
Farms with expenses of—									
\$1 to \$999.....	47 918	41 817	4 665	1 070	997	957	73	48	366
\$1,000 to \$4,999.....	39 358	32 661	4 408	2 167	2 032	1 993	135	125	122
\$5,000 to \$24,999.....	2 896	1 681	493	705	630	617	75	68	17
\$25,000 or more.....	83	25	15	40	28	26	12	9	3
Hired farm labor..... farms.....	49 121	41 152	4 834	2 945	2 762	2 712	183	166	190
..... \$1,000.....	282 515	158 573	33 248	87 009	77 519	74 805	9 490	5 385	3 685
Farms with expenses of—									
\$1 to \$4,999.....	37 600	33 133	3 624	725	664	657	61	59	118
\$5,000 to \$24,999.....	8 880	6 876	838	1 125	1 090	1 072	35	32	41
\$25,000 to \$99,999.....	2 443	1 100	344	974	901	882	73	66	25
\$100,000 or more.....	198	43	28	121	107	101	14	9	6
Contract labor..... farms.....	8 078	6 629	843	546	493	486	53	50	60
..... \$1,000.....	21 032	15 050	2 716	3 141	2 389	2 316	752	502	125
Farms with expenses of—									
\$1 to \$999.....	3 846	3 217	405	188	177	177	11	11	36
\$1,000 to \$4,999.....	3 123	2 644	246	215	190	187	25	25	18
\$5,000 to \$24,999.....	1 032	723	181	122	109	106	13	12	6
\$25,000 or more.....	77	45	11	21	17	16	4	2	—
Repair and maintenance..... farms.....	91 920	78 125	9 479	3 872	3 611	3 516	261	230	444
..... \$1,000.....	407 270	318 753	47 240	39 588	37 067	35 903	2 502	2 152	1 709
Farms with expenses of—									
\$1 to \$4,999.....	63 247	55 923	6 236	1 362	1 240	1 198	122	103	326
\$5,000 to \$24,999.....	27 602	22 223	3 062	2 204	2 089	2 048	115	106	113
\$25,000 to \$49,999.....	905	518	152	232	214	207	18	18	3
\$50,000 or more.....	166	61	29	74	68	63	6	3	2
Customwork, machine hire, and rental of machinery and equipment..... farms.....	57 354	48 718	5 873	2 458	2 291	2 242	167	148	305
..... \$1,000.....	133 395	104 805	15 395	12 240	11 262	10 877	978	880	956
Farms with expenses of—									
\$1 to \$999.....	25 122	21 852	2 467	649	601	595	48	46	154
\$1,000 to \$4,999.....	25 700	21 887	2 646	1 075	1 017	994	58	52	92
\$5,000 to \$24,999.....	6 238	4 815	723	645	595	579	50	40	55
\$25,000 or more.....	294	164	37	89	78	74	11	10	4
Interest expense..... farms.....	67 262	57 427	6 433	3 186	3 004	2 945	182	170	216
..... \$1,000.....	579 338	451 679	57 066	68 580	65 018	62 991	3 562	2 786	2 013
Farms with expenses of—									
\$1 to \$4,999.....	37 493	32 670	3 728	974	913	911	61	53	121
\$5,000 to \$24,999.....	24 442	20 881	2 143	1 340	1 247	1 209	93	90	78
\$25,000 to \$99,999.....	5 121	3 787	539	781	759	746	22	22	14
\$100,000 or more.....	206	89	23	91	85	79	6	5	3
Secured by real estate..... farms.....	44 371	38 234	3 654	2 363	2 225	2 180	138	129	120
..... \$1,000.....	390 226	308 534	34 705	45 767	43 815	42 578	1 952	1 924	1 220
Farms with expenses of—									
\$1 to \$999.....	6 684	5 925	581	165	160	159	5	5	13
\$1,000 to \$4,999.....	16 369	14 462	1 316	598	494	491	42	34	55
\$5,000 to \$24,999.....	17 889	15 391	1 403	1 050	978	949	72	71	45
\$25,000 or more.....	3 429	2 456	354	612	593	581	19	19	7
Not secured by real estate..... farms.....	41 208	35 105	4 127	1 832	1 760	1 728	72	69	144
..... \$1,000.....	189 113	143 145	22 362	22 814	21 204	20 413	1 610	862	793
Farms with expenses of—									
\$1 to \$999.....	13 476	11 856	1 299	277	258	258	19	19	44
\$1,000 to \$4,999.....	16 664	14 506	1 613	501	490	488	11	11	44
\$5,000 to \$24,999.....	10 034	8 117	1 062	803	771	753	32	30	52
\$25,000 or more.....	1 034	626	153	251	241	229	10	9	4
Cash rent..... farms.....	41 375	34 936	4 114	2 171	2 117	2 077	54	49	154
..... \$1,000.....	492 800	387 821	54 209	49 637	48 727	48 125	910	841	1 133
Farms with expenses of—									
\$1 to \$4,999.....	15 835	13 631	1 639	467	455	441	12	10	98
\$5,000 to \$9,999.....	8 684	7 485	828	347	330	324	17	17	24
\$10,000 to \$24,999.....	11 593	9 836	1 081	651	634	618	17	15	25
\$25,000 or more.....	5 263	3 984	566	706	698	694	8	7	7
Property taxes..... farms.....	87 431	74 537	8 414	3 944	3 598	3 503	346	296	536
..... \$1,000.....	230 810	179 695	25 305	24 369	22 916	22 175	1 452	1 191	1 442
Farms with expenses of—									
\$1 to \$4,999.....	75 206	65 632	7 005	2 091	1 819	1 767	272	230	478
\$5,000 to \$9,999.....	9 596	7 385	1 014	1 172	1 130	1 110	42	40	25
\$10,000 to \$24,999.....	2 474	1 467	369	611	583	567	28	24	27
\$25,000 or more.....	155	53	26	70	66	59	4	2	6
All other farm production expenses..... farms.....	101 919	86 064	10 994	4 294	3 960	3 865	334	283	567
..... \$1,000.....	513 358	380 896	59 921	67 487	59 911	56 892	7 577	5 497	5 053
Farms with expenses of—									
\$1 to \$4,999.....	73 591	63 465	7 729	1 904	1 720	1 669	184	153	493
\$5,000 to \$24,999.....	25 444	20 721	2 925	1 740	1 660	1 634	80	76	58
\$25,000 to \$49,999.....	2 166	1 519	232	403	372	364	31	20	12
\$50,000 or more.....	718	359	108	247	208	198	39	34	4

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>									
All farms.....number.....	105 184	88 896	11 249	4 375	4 018	3 923	357	304	664
.....\$1,000.....	2 146 997	1 568 415	318 074	249 276	223 063	219 159	26 213	22 560	11 231
Average per farm.....dollars.....	20 412	17 643	28 276	56 977	55 516	55 865	73 427	74 210	16 914
Farms with net gains <sup>2</sup> .....number.....	74 987	62 034	9 096	3 433	3 159	3 082	274	248	424
Average net gain.....dollars.....	31 660	28 315	36 902	78 406	76 613	76 213	99 070	93 914	30 076
Gain of—									
Less than \$1,000.....	4 767	4 135	485	111	83	82	28	24	36
\$1,000 to \$9,999.....	22 906	19 612	2 576	528	465	452	63	52	190
\$10,000 to \$49,999.....	33 147	27 783	3 923	1 286	1 220	1 179	66	63	155
\$50,000 or more.....	14 167	10 504	2 112	1 508	1 391	1 369	117	109	43
Farms with net losses.....number.....	30 197	26 862	2 153	942	859	841	83	56	240
Average net loss.....dollars.....	7 521	7 003	8 167	21 116	22 071	18 703	11 225	13 051	6 338
Loss of—									
Less than \$1,000.....	4 943	4 460	388	43	42	42	1	1	52
\$1,000 to \$9,999.....	18 984	17 073	1 274	477	429	428	48	31	160
\$10,000 to \$49,999.....	5 889	5 050	455	358	326	311	32	22	26
\$50,000 or more.....	381	279	36	64	62	60	2	2	2
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>									
Government payments.....farms.....	75 203	63 201	8 125	3 575	3 437	3 363	138	128	302
.....\$1,000.....	1 153 713	911 586	125 624	112 825	109 964	107 282	2 861	2 651	3 678
Other farm-related income <sup>1</sup> .....farms.....	30 370	25 982	2 930	1 330	1 267	1 229	63	42	128
.....\$1,000.....	132 008	107 848	12 057	10 562	10 340	9 904	222	110	1 541
Customwork and other agricultural services.....farms.....	15 001	12 980	1 376	628	598	589	30	30	17
.....\$1,000.....	61 977	51 386	6 199	4 375	4 308	4 130	68	68	17
Gross cash rent or share payments.....farms.....	8 633	7 335	801	394	365	337	29	9	103
.....\$1,000.....	58 000	47 090	4 695	4 704	4 589	4 390	115	20	1 511
Forest products and Christmas trees.....farms.....	710	616	40	54	53	52	1	1	-
.....\$1,000.....	1 876	1 393	91	392	(D)	378	(D)	(D)	-
Other farm-related income sources.....farms.....	11 908	10 137	1 229	533	527	517	6	5	9
.....\$1,000.....	10 156	7 980	1 073	1 091	(D)	1 006	(D)	(D)	12
<b>COMMODITY CREDIT CORPORATION LOANS</b>									
Total.....farms.....	51 178	43 074	5 176	2 779	2 695	2 638	84	77	149
.....\$1,000.....	1 598 775	1 234 850	170 401	190 060	185 789	181 721	4 271	4 037	3 465
Corn.....farms.....	50 551	42 531	5 117	2 755	2 671	2 614	84	77	148
.....\$1,000.....	1 298 123	998 302	140 819	155 896	152 444	148 980	3 452	(D)	3 106
Wheat.....farms.....	61	49	6	6	6	6	-	-	-
.....\$1,000.....	127	80	34	13	13	13	-	-	-
Soybeans.....farms.....	14 094	11 908	1 254	898	878	861	20	19	34
.....\$1,000.....	298 747	235 314	(D)	33 827	33 008	32 404	819	(D)	(D)
Sorghum, barley, and oats.....farms.....	86	64	13	8	8	8	-	-	1
.....\$1,000.....	190	97	(D)	(D)	(D)	(D)	-	-	(D)
Cotton.....farms.....	-	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....farms.....	70	66	2	2	2	2	-	-	-
.....\$1,000.....	1 587	1 056	(D)	(D)	(D)	(D)	-	-	-
<b>LAND IN FARMS ACCORDING TO USE</b>									
Total cropland.....farms.....	96 749	82 220	10 010	4 085	3 862	3 787	223	196	434
.....acres.....	27 290 868	21 579 015	3 253 379	2 365 330	2 291 944	2 243 139	73 386	64 823	93 144
Harvested cropland.....farms.....	92 878	78 763	9 710	3 991	3 793	3 718	198	176	414
.....acres.....	20 484 178	16 115 058	2 449 752	1 852 418	1 798 321	1 758 923	54 097	47 005	66 950
Farms by acres harvested:									
1 to 49 acres.....	17 548	15 887	1 265	298	238	236	60	54	98
50 to 99 acres.....	13 956	12 061	1 566	238	209	205	29	25	91
100 to 199 acres.....	23 454	20 126	2 715	490	457	444	33	29	123
200 to 499 acres.....	29 005	24 484	2 948	1 492	1 450	1 420	42	38	81
500 to 999 acres.....	7 723	5 599	965	1 143	1 120	1 105	23	22	16
1,000 to 1,999 acres.....	1 114	578	229	303	293	283	10	7	4
2,000 acres or more.....	78	28	22	27	26	25	1	1	1
Cropland:									
Pasture or grazing only.....farms.....	36 766	31 402	4 037	1 188	1 136	1 107	52	47	139
.....acres.....	2 283 547	1 848 340	307 980	117 891	113 396	110 741	4 495	4 355	9 336
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms.....	27 088	22 884	2 732	1 351	1 285	1 258	66	57	121
.....acres.....	1 670 711	1 345 705	182 643	135 563	130 101	128 067	5 462	4 658	6 800
On which all crops failed.....farms.....	1 640	1 390	169	70	65	64	5	4	11
.....acres.....	45 013	37 757	3 857	(D)	(D)	(D)	(D)	(D)	(D)
In cultivated summer fallow.....farms.....	844	709	108	25	22	22	3	3	2
.....acres.....	45 160	37 441	5 709	(D)	(D)	(D)	(D)	(D)	(D)
Idle.....farms.....	42 114	35 374	4 319	2 244	2 142	2 096	102	89	177
.....acres.....	2 762 259	2 194 714	303 438	254 409	245 690	241 028	8 719	8 292	9 698
Total woodland.....farms.....	24 782	21 173	2 641	871	818	798	53	44	97
.....acres.....	1 316 448	1 065 432	170 861	73 027	66 850	64 790	6 177	5 068	7 128
Woodland pastured.....farms.....	14 393	12 320	1 617	411	392	383	19	18	45
.....acres.....	774 976	629 176	107 314	35 233	33 210	32 081	2 023	(D)	3 253
Woodland not pastured.....farms.....	14 477	12 310	1 507	595	553	538	42	33	65
.....acres.....	541 472	436 256	63 547	37 794	33 640	32 709	4 154	(D)	3 875

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation									Other— cooperative, estate or trust, institutional, etc.
	Total	Individual or family	Partnership	Family held			Other than family held			
				Total	10 or less stock- holders	Total	10 or less stock- holders			
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>										
Pastureland and rangeland other than cropland and woodland pastured	farms... 22 415	19 193	2 287	844	809	790	35	28	91	
acres... 1 452 248	1 141 291	204 111	98 586	92 244	89 887	6 342	2 578	8 260		
Land in house lots, ponds, roads, wasteland, etc.	farms... 79 586	67 780	7 984	3 466	3 241	3 177	225	195	356	
acres... 1 578 566	1 273 208	174 021	122 919	117 266	114 267	5 653	3 937	8 418		
Cropland under federal acreage reduction programs:										
Annual commodity acreage adjustment programs	farms... 69 141	58 112	7 363	3 412	3 292	3 222	120	112	254	
acres... 3 560 902	2 817 249	407 332	326 371	318 136	311 520	8 235	7 733	9 950		
Conservation reserve program	farms... 8 050	6 808	708	499	480	469	19	18	35	
acres... 697 896	571 205	68 225	53 440	51 128	50 464	2 312	(D)	5 026		
Value of land and buildings <sup>1</sup>	farms... 105 184	88 896	11 249	4 375	4 018	3 923	357	304	664	
\$1,000... 29 829 901	23 490 430	3 463 102	2 737 739	2 600 678	2 545 544	137 061	109 240	138 630		
Average per farm... dollars... 283 597	264 246	307 859	625 769	647 257	648 877	383 924	359 342	208 780		
Average per acre... dollars... 947	939	921	1 053	1 042	1 043	1 328	1 222	969		
Farms by value group:										
\$1 to \$39,999	13 227	11 356	1 365	300	233	222	67	57	206	
\$40,000 to \$69,999	11 020	9 990	804	155	123	123	32	28	71	
\$70,000 to \$99,999	9 152	7 955	986	148	129	129	19	10	63	
\$100,000 to \$149,999	12 468	10 830	1 316	235	195	195	40	39	87	
\$150,000 to \$199,999	9 769	8 363	1 174	180	157	142	23	22	52	
\$200,000 to \$499,999	31 637	26 639	3 644	1 250	1 149	1 113	101	81	104	
\$500,000 to \$999,999	14 045	11 308	1 416	1 259	1 218	1 200	41	38	62	
\$1,000,000 to \$1,999,999	3 466	2 289	448	718	690	679	28	26	11	
\$2,000,000 to \$4,999,999	380	161	92	119	116	112	3	2	8	
\$5,000,000 or more	20	5	4	11	8	8	3	1	-	
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>										
Estimated market value of all machinery and equipment	farms... 104 901	88 684	11 194	4 366	4 016	3 921	350	297	657	
\$1,000... 5 543 375	4 374 155	664 467	474 915	449 085	440 268	25 831	20 875	29 837		
Farms by value group:										
\$1 to \$4,999	6 659	5 841	652	110	93	92	17	15	56	
\$5,000 to \$9,999	12 872	11 531	963	215	168	162	47	47	163	
\$10,000 to \$19,999	15 609	13 737	1 464	329	294	278	35	34	79	
\$20,000 to \$49,999	28 782	24 670	3 326	635	550	522	85	58	151	
\$50,000 to \$99,999	22 911	19 147	2 522	1 113	1 044	1 032	69	61	129	
\$100,000 to \$199,999	14 193	11 155	1 748	1 231	1 163	1 146	68	56	59	
\$200,000 to \$499,999	3 763	2 549	507	690	663	650	27	25	17	
\$500,000 or more	112	54	12	43	41	39	2	1	3	
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>										
Motortrucks, including pickups	farms... 93 674	79 287	9 860	4 018	3 737	3 648	281	230	509	
number... 143 433	117 179	16 525	8 970	8 348	8 105	622	449	759		
Wheel tractors	farms... 97 120	81 990	10 449	4 092	3 779	3 684	313	265	589	
number... 302 392	247 630	35 998	17 041	16 090	15 695	951	795	1 723		
Less than 40 horsepower (PTO)	farms... 48 200	40 709	5 171	1 953	1 834	1 774	119	103	267	
number... 79 062	65 824	8 938	3 703	3 509	3 419	194	160	597		
40 horsepower (PTO) or more	farms... 85 755	72 028	9 441	3 810	3 520	3 434	290	245	476	
number... 223 330	181 806	27 060	13 338	12 581	12 276	757	635	1 126		
Grain and bean combines	farms... 55 575	45 730	6 477	3 094	2 919	2 871	175	152	274	
number... 60 004	49 074	7 112	3 500	3 299	3 243	201	160	318		
Cottonpickers and strippers	farms... -	-	-	-	-	-	-	-	-	
number... -	-	-	-	-	-	-	-	-	-	
Mower conditioners	farms... 29 756	24 190	4 040	1 345	1 249	1 203	96	93	181	
number... 31 333	25 402	4 241	1 495	1 398	1 351	97	94	195		
Pickup balers	farms... 40 640	33 676	5 239	1 550	1 439	1 411	111	107	175	
number... 46 867	38 659	6 181	1 810	1 680	1 648	130	125	217		
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>										
Commercial fertilizer	farms... 83 051	69 809	9 013	3 803	3 585	3 502	218	181	426	
acres on which used... 13 313 702	10 427 055	1 583 443	1 248 352	1 208 668	1 182 676	39 684	35 121	54 852		
Lime	farms... 17 823	14 666	2 222	876	840	829	36	33	59	
acres on which used... 1 219 181	956 552	156 552	101 735	98 464	97 304	3 271	3 086	4 142		
tons... 2 846 408	2 229 029	369 350	238 098	229 581	226 495	8 517	8 057	9 931		
Sprays, dusts, granules, fumigants, etc., to control—										
Insects on hay and other crops	farms... 41 361	33 965	4 918	2 244	2 106	2 069	138	123	234	
acres on which used... 4 910 343	3 741 992	639 491	508 912	489 796	478 855	19 116	17 558	19 948		
Nematodes in crops	farms... 2 548	2 053	326	149	132	125	17	17	20	
acres on which used... 267 277	207 218	34 613	23 833	22 305	20 670	1 528	1 528	1 613		
Diseases in crops and orchards	farms... 1 330	1 014	167	106	102	102	4	2	43	
acres on which used... 112 420	75 953	18 294	12 912	12 271	12 271	641	(D)	5 261		
Weeds, grass, or brush in crops and pasture	farms... 70 486	59 246	7 593	3 269	3 085	3 008	184	162	378	
acres on which used... 14 709 093	11 591 094	1 636 357	1 424 410	1 376 647	1 346 995	47 763	44 388	57 232		
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 1 066	872	102	83	81	81	2	2	9	
acres on which used... 120 779	92 282	13 429	14 075	(D)	(D)	(D)	(D)	(D)		

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
<b>TENURE AND RACE OF OPERATOR</b>									
All operators .....	105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
Full owners .....	48 226	41 321	4 836	1 761	1 543	1 500	218	194	308
Part owners .....	35 207	30 029	3 051	2 054	2 003	1 967	51	44	73
Tenants .....	21 747	17 838	3 201	589	548	546	41	38	119
White .....	105 056	89 085	11 075	4 401	4 091	4 010	310	276	495
Full owners .....	48 162	41 268	4 830	1 758	1 540	1 497	218	194	306
Part owners .....	35 182	30 006	3 050	2 054	2 003	1 967	51	44	72
Tenants .....	21 712	17 811	3 195	589	548	546	41	38	117
Black and other races .....	124	103	13	3	3	3	-	-	5
Full owners .....	64	53	6	3	3	3	-	-	2
Part owners .....	25	23	1	-	-	-	-	-	1
Tenants .....	35	27	6	-	-	-	-	-	2
<b>OWNED AND RENTED LAND</b>									
Land owned .....	84 315	72 108	7 968	3 849	3 579	3 500	270	239	390
farms.....	17 021 650	13 402 140	1 962 426	1 558 360	1 491 893	1 438 382	66 467	54 293	98 724
acres.....	83 433	71 350	7 887	3 815	3 546	3 467	269	238	381
Owned land in farms .....	15 050 360	11 873 120	1 701 130	1 397 756	1 339 109	1 295 326	58 647	48 523	78 354
Land rented or leased from others .....	57 231	48 086	6 291	2 660	2 567	2 529	93	83	194
farms.....	16 739 305	13 295 113	2 126 171	1 277 860	1 244 908	1 232 430	32 952	27 924	40 161
acres.....	56 954	47 867	6 252	2 643	2 551	2 513	92	82	192
Rented or leased land in farms .....	16 587 770	13 185 826	2 101 242	1 262 106	1 229 195	1 216 757	32 911	27 883	38 596
Land rented or leased to others .....	14 144	11 780	1 622	645	597	574	48	39	97
farms.....	2 122 825	1 638 307	286 225	176 358	168 497	158 729	7 861	5 811	21 935
acres.....									
<b>OPERATOR CHARACTERISTICS</b>									
Operators by place of residence:									
On farm operated .....	78 710	68 412	7 074	3 010	2 884	2 831	126	120	214
Not on farm operated .....	20 505	15 799	3 367	1 097	930	905	167	139	242
Not reported .....	5 965	4 977	647	297	280	277	17	17	44
Operators by principal occupation:									
Farming .....	75 279	63 076	8 300	3 609	3 428	3 363	181	167	294
Other .....	29 901	26 112	2 788	795	666	650	129	109	206
Operators by days of work off farm:									
None .....	51 753	42 757	5 895	2 884	2 715	2 666	169	150	217
Any .....	46 229	40 304	4 381	1 312	1 186	1 161	126	111	232
1 to 99 days .....	13 104	11 194	1 370	486	463	455	23	22	54
100 to 199 days .....	7 197	6 316	647	213	196	194	17	14	21
200 days or more .....	25 928	22 794	2 364	613	527	512	86	75	157
Not reported .....	7 198	6 127	812	208	193	186	15	15	51
Operators by years on present farm:									
2 years or less .....	5 787	4 734	778	208	173	169	35	23	67
3 or 4 years .....	5 973	4 951	813	165	134	133	31	28	44
5 to 9 years .....	13 617	11 317	1 736	492	450	444	42	36	72
10 years or more .....	65 721	56 644	6 000	2 874	2 735	2 678	139	129	203
Average years on present farm .....	19.7	19.7	18.9	21.1	20.7	21.6	13.4	14.3	14.9
Not reported .....	14 082	11 542	1 761	665	602	589	63	60	114
Operators by age group:									
Under 25 years .....	2 852	2 482	313	36	32	31	4	4	21
25 to 34 years .....	17 458	14 675	2 257	450	399	394	51	44	76
35 to 44 years .....	21 282	18 259	1 988	960	876	865	84	69	95
45 to 49 years .....	10 512	9 168	776	528	499	487	29	25	40
50 to 54 years .....	11 232	9 690	963	540	507	500	33	32	39
55 to 59 years .....	12 608	10 725	1 206	615	577	565	38	35	62
60 to 64 years .....	12 679	10 541	1 464	612	580	566	32	30	62
65 to 69 years .....	7 848	6 525	935	348	330	321	18	17	40
70 years and over .....	8 709	7 123	1 206	315	294	284	21	20	65
Average age .....	49.3	49.2	49.6	51.1	51.3	51.3	47.9	48.5	50.8
Operators by sex:									
Male .....	101 838	86 458	10 661	4 263	3 963	3 883	300	267	456
Female .....	3 342	2 730	427	141	131	130	10	9	44
Operators of Spanish origin (see text) .....	105	84	8	10	9	9	1	1	3
<b>FARMS BY TYPE OF ORGANIZATION</b>									
Individual or family (sole proprietorship) .....	89 188	89 188	-	-	-	-	-	-	-
farms.....	25 058 946	25 058 946	-	-	-	-	-	-	-
acres.....	11 088	-	11 088	-	-	-	-	-	-
Partnership .....	3 802 372	-	3 802 372	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-	-
acres.....	-	-	-	-	-	-	-	-	-
Corporation:									
Family held .....	4 094	-	-	4 094	4 094	4 013	-	-	-
farms.....	2 568 304	-	-	2 568 304	2 568 304	2 512 083	-	-	-
acres.....	81	-	-	81	81	-	-	-	-
More than 10 stockholders .....	4 013	-	-	4 013	4 013	4 013	-	-	-
10 or less stockholders .....	-	-	-	-	-	-	-	-	-
Other than family held .....	310	-	-	310	-	-	310	276	-
farms.....	91 558	-	-	91 558	-	-	91 558	76 406	-
acres.....	34	-	-	34	-	-	34	-	-
More than 10 stockholders .....	276	-	-	276	-	-	276	276	-
10 or less stockholders .....	-	-	-	-	-	-	-	-	-
Other—cooperative, estate or trust, institutional, etc. ....	500	-	-	-	-	-	-	-	500
farms.....	116 950	-	-	-	-	-	-	-	116 950
acres.....									

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					10 or less stockholders	Total	10 or less stockholders	Total	
<b>FARMS BY SIZE</b>									
1 to 9 acres .....	7 974	6 623	1 017	278	226	223	52	49	56
10 to 49 acres .....	10 981	9 933	757	221	146	145	75	71	70
50 to 69 acres .....	2 901	2 573	255	52	42	42	10	7	21
70 to 99 acres .....	6 981	6 179	641	119	99	98	20	15	42
100 to 139 acres .....	7 168	6 258	765	106	86	85	20	18	39
140 to 179 acres .....	10 506	9 121	1 144	172	151	142	21	18	69
180 to 219 acres .....	6 574	5 669	743	131	120	118	11	11	31
220 to 259 acres .....	7 119	6 148	773	172	162	158	10	7	26
260 to 499 acres .....	25 378	21 731	2 609	941	909	885	32	29	97
500 to 999 acres .....	15 874	12 682	1 728	1 433	1 402	1 382	31	29	31
1,000 to 1,999 acres .....	3 401	2 129	570	687	663	652	24	19	15
2,000 acres or more .....	323	142	86	92	88	83	4	3	3
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>									
Cash grains (011) .....	50 200	42 849	4 835	2 243	2 117	2 077	126	111	273
Field crops, except cash grains (013) .....	1 451	1 321	90	30	29	29	1	1	10
Cotton (0131) .....	-	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	1 321	90	30	29	29	1	1	10
Vegetables and melons (016) .....	213	186	20	5	5	5	-	-	2
Fruits and tree nuts (017) .....	195	178	13	4	3	3	1	1	-
Horticultural specialties (018) .....	278	178	21	78	72	71	6	5	1
General farms, primarily crop (019) .....	1 039	921	87	23	19	19	4	3	8
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	37 138	4 896	1 772	1 625	1 592	147	132	173
Beef cattle, except feedlots (0212) .....	10 095	8 954	942	156	140	139	16	12	43
Dairy farms (024) .....	4 209	3 356	759	77	73	70	4	4	17
Poultry and eggs (025) .....	570	436	53	77	59	55	18	16	4
Animal specialties (027) .....	1 601	1 467	85	44	42	42	2	2	5
General farms, primarily livestock and animal specialties (029) .....	1 445	1 158	229	51	50	50	1	1	7
<b>LIVESTOCK</b>									
Cattle and calves inventory .....	49 469	41 811	5 820	1 653	1 573	1 535	80	69	185
number .....	4 303 682	3 168 766	653 964	465 588	428 704	414 740	36 884	27 198	15 364
Farms with—									
1 to 9 .....	4 928	4 501	347	64	57	56	7	7	16
10 to 49 .....	19 719	17 439	1 867	333	308	297	25	21	80
50 to 99 .....	12 289	10 423	1 550	270	261	255	9	9	46
100 to 199 .....	8 310	6 589	1 304	391	379	374	12	10	26
200 to 499 .....	3 423	2 416	607	386	368	360	18	16	14
500 or more .....	800	443	145	209	200	193	9	6	3
Cows and heifers that had calved .....	38 373	32 524	4 606	1 101	1 040	1 018	61	52	142
number .....	1 418 633	1 115 974	213 135	82 877	78 471	76 528	4 406	2 959	6 647
Beef cows .....	32 279	27 627	3 555	979	927	906	52	43	118
number .....	1 123 745	893 936	152 869	71 603	67 533	65 911	4 070	2 623	5 337
Farms with—									
1 to 9 .....	5 883	5 323	464	76	69	69	7	5	20
10 to 49 .....	19 651	17 097	2 115	431	410	398	21	18	68
50 to 99 .....	4 965	4 023	679	252	246	242	6	6	17
100 to 199 .....	1 467	1 059	239	159	144	141	15	13	10
200 to 499 .....	276	184	57	52	50	48	2	1	3
500 or more .....	37	21	7	9	8	8	1	-	-
Milk cows .....	7 748	6 247	1 313	157	147	143	10	10	31
number .....	294 888	222 038	60 266	11 274	10 938	10 617	336	336	1 310
Farms with—									
1 to 4 .....	880	793	75	8	6	6	2	2	4
5 to 9 .....	278	236	37	3	1	1	2	2	2
10 to 49 .....	4 340	3 611	665	49	46	44	3	3	15
50 to 99 .....	1 955	1 420	462	65	63	62	2	2	8
100 to 199 .....	272	173	71	26	25	24	1	1	2
200 to 499 .....	22	13	3	6	6	6	-	-	-
500 or more .....	1	1	-	-	-	-	-	-	-
Heifers and heifer calves .....	38 383	32 374	4 628	1 244	1 184	1 156	60	50	137
number .....	1 275 321	925 430	192 502	153 553	137 251	130 920	16 302	10 252	3 836
Steers, steer calves, bulls, and bull calves .....	42 527	35 890	5 037	1 443	1 381	1 344	62	53	157
number .....	1 609 728	1 127 362	248 327	229 158	212 982	207 292	16 176	13 987	4 881
Cattle and calves sold .....	50 509	42 645	5 956	1 721	1 640	1 601	81	69	187
number .....	3 539 020	2 410 991	511 080	606 479	533 679	509 567	72 800	49 556	10 470
\$1,000 .....	2 124 641	1 394 178	310 258	414 487	363 177	346 399	51 310	35 588	5 718
Calves .....	16 116	13 847	1 902	295	272	266	23	17	72
number .....	355 396	296 298	45 402	11 671	10 165	10 096	1 506	726	2 025
\$1,000 .....	101 352	84 937	12 287	3 561	3 087	3 073	474	233	566
Cattle .....	43 833	36 799	5 245	1 620	1 553	1 516	67	60	169
number .....	3 183 624	2 114 693	465 678	594 808	523 514	499 471	71 294	48 830	8 445
\$1,000 .....	2 023 290	1 309 241	297 971	410 927	360 090	343 327	50 837	35 356	5 152
Fattened on grain and concentrates .....	22 503	18 488	2 773	1 146	1 110	1 083	36	31	96
number .....	2 405 669	1 509 203	355 233	535 427	475 419	452 037	60 008	37 993	5 806
\$1,000 .....	1 643 176	1 021 359	242 981	374 939	333 074	316 661	41 866	26 610	3 898

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation				Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total		10 or less stockholders
<b>LIVESTOCK—Con.</b>									
Hogs and pigs inventory..... farms.....	36 670	30 494	4 372	1 711	1 582	1 552	129	121	93
..... number.....	12 983 074	9 480 466	1 867 665	1 585 487	1 365 553	1 332 441	219 934	206 630	49 456
Farms with—									
1 to 24..... farms.....	3 530	3 199	279	44	37	35	7	7	8
25 to 49..... farms.....	2 560	2 252	264	40	34	34	6	6	4
50 to 99..... farms.....	4 220	3 717	440	54	52	52	2	2	9
100 to 199..... farms.....	6 766	5 884	727	139	132	128	7	7	16
200 to 499..... farms.....	11 269	9 445	1 355	438	422	413	16	16	31
500 or more..... farms.....	8 325	5 997	1 307	996	905	890	91	83	25
Used or to be used for breeding..... farms.....	26 944	22 158	3 390	1 316	1 221	1 198	95	89	80
..... number.....	1 657 873	1 192 031	239 239	218 780	171 460	168 224	47 320	44 498	7 823
Other..... farms.....	35 152	29 166	4 215	1 683	1 557	1 528	126	118	88
..... number.....	11 325 201	8 288 435	1 628 426	1 366 707	1 194 093	1 164 217	172 614	162 132	41 633
Hogs and pigs sold..... farms.....	38 638	32 175	4 578	1 786	1 656	1 626	130	122	99
..... number.....	23 483 812	16 808 320	3 279 086	3 301 696	2 597 536	2 543 343	704 160	668 552	94 710
..... \$1,000.....	2 494 231	1 801 644	354 150	329 505	284 029	277 654	45 476	42 329	8 932
Feeder pigs..... farms.....	8 972	7 567	1 010	369	308	304	61	58	26
..... number.....	4 460 979	2 977 855	514 164	934 995	450 631	447 442	484 364	468 162	33 965
..... \$1,000.....	209 249	141 635	24 237	41 826	21 841	21 683	19 985	19 199	1 550
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30..... farms.....	28 037	23 122	3 486	1 346	1 245	1 220	101	95	83
..... number.....	2 495 867	1 762 350	361 104	360 953	280 611	274 146	80 342	75 583	11 460
Dec. 1 and May 31..... farms.....	26 110	21 428	3 298	1 304	1 205	1 180	99	93	80
..... number.....	1 251 973	884 400	182 351	179 528	139 574	136 188	39 954	37 370	5 694
June 1 and Nov. 30..... farms.....	25 992	21 353	3 255	1 305	1 210	1 186	95	90	79
..... number.....	1 243 894	877 950	178 753	181 425	141 037	137 958	40 388	38 213	5 766
Sheep and lambs of all ages inventory..... farms.....	8 636	7 615	764	221	214	214	7	7	36
..... number.....	451 617	395 721	41 994	12 443	12 311	12 311	132	132	1 459
Ewes 1 year old or older..... farms.....	8 089	7 133	715	208	203	203	5	5	33
..... number.....	280 591	242 298	27 626	9 633	(D)	(D)	(D)	(D)	1 034
Sheep and lambs sold..... farms.....	8 806	7 756	784	228	222	222	6	6	38
..... number.....	607 492	551 799	43 568	10 925	10 821	10 821	104	104	1 200
Sheep and lambs shorn..... farms.....	8 052	7 086	717	216	211	211	5	5	33
..... number.....	542 200	484 495	42 754	13 785	13 724	13 724	61	61	1 166
..... pounds of wool.....	2 901 639	2 530 238	273 765	89 133	88 774	88 774	359	359	8 503
Horses and ponies inventory..... farms.....	11 647	10 338	915	352	334	327	18	17	42
..... number.....	59 338	52 763	4 206	2 105	1 969	1 955	136	(D)	264
Horses and ponies sold..... farms.....	2 453	2 217	160	70	62	62	8	8	6
..... number.....	9 909	9 141	463	282	246	246	36	36	23
Goats inventory..... farms.....	1 082	987	73	18	17	17	1	1	4
..... number.....	7 387	6 514	658	138	(D)	(D)	(D)	(D)	77
Goats sold..... farms.....	366	336	25	4	3	3	1	1	1
..... number.....	3 198	2 996	142	(D)	(D)	(D)	(D)	(D)	(D)
<b>POULTRY</b>									
Chickens 3 months old or older inventory..... farms.....	4 897	4 324	454	98	90	85	8	7	21
..... number.....	9 580 666	4 171 986	714 673	3 842 072	3 217 419	2 994 169	624 653	(D)	851 935
Farms with—									
1 to 399..... farms.....	4 456	3 979	407	54	53	50	1	1	16
400 to 3,199..... farms.....	175	147	19	7	7	6	-	-	2
3,200 to 9,999..... farms.....	93	78	10	4	3	3	1	-	1
10,000 to 19,999..... farms.....	82	65	12	4	4	4	-	-	1
20,000 to 49,999..... farms.....	50	38	2	10	8	8	2	2	-
50,000 to 99,999..... farms.....	25	13	3	9	7	7	2	2	-
100,000 or more..... farms.....	16	4	1	10	8	7	2	2	1
Hens and pullets of laying age..... farms.....	4 834	4 269	449	96	88	83	8	7	20
..... number.....	8 212 576	3 483 799	633 753	3 423 989	(D)	(D)	(D)	(D)	671 035
Pullets 3 months old or older not of laying age..... farms.....	487	432	42	10	8	8	2	2	3
..... number.....	1 368 090	688 187	80 920	418 083	(D)	(D)	(D)	(D)	180 900
Hens and pullets sold..... farms.....	908	756	87	56	47	45	9	8	9
..... number.....	9 873 596	5 253 006	1 137 801	3 109 180	2 477 290	(D)	631 890	(D)	373 609
Broilers and other meat-type chickens sold..... farms.....	1 060	936	96	21	18	16	3	3	7
..... number.....	666 016	582 821	35 475	45 290	19 890	(D)	25 400	25 400	2 430
Farms with—									
1 to 1,999..... farms.....	1 021	905	92	17	15	13	2	2	7
2,000 to 59,999..... farms.....	38	30	4	4	3	3	1	1	-
60,000 to 99,999..... farms.....	-	-	-	-	-	-	-	-	-
100,000 or more..... farms.....	1	1	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms.....	345	299	33	8	6	5	2	2	5
..... number.....	71 889	21 601	19 808	30 469	(D)	13 119	(D)	(D)	11
Turkeys sold..... farms.....	407	325	36	44	36	33	8	7	2
..... number.....	9 594 632	3 521 666	(D)	4 982 036	3 277 653	2 453 619	1 704 383	(D)	(D)

See footnotes at end of table.

**Table 49. Summary by Type of Organization: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.	
				Total	Family held		Other than family held			
					10 or less stockholders	Total	10 or less stockholders	Total		
<b>CROPS HARVESTED</b>										
Corn for grain or seed										
farms..	83 301	70 134	9 059	3 739	3 575	3 501	164	148	369	
acres..	10 147 051	7 895 205	1 221 806	997 346	970 348	948 308	26 998	24 830	32 694	
bushels..	1 274 388 346	984 211 771	153 138 018	133 142 547	129 702 405	126 681 125	3 440 142	3 230 880	3 896 010	
Irrigated	453	348	48	54	(D)	49	2	1	3	
acres..	62 099	42 673	8 465	10 840	(D)	10 011	(D)	(D)	121	
Farms by acres harvested:										
1 to 24 acres	11 524	10 357	974	114	83	82	31	28	79	
25 to 99 acres	35 088	30 183	4 045	682	624	608	58	48	178	
100 to 249 acres	27 186	22 937	2 753	1 401	1 362	1 331	39	38	95	
250 to 499 acres	7 726	5 670	976	1 069	1 045	1 033	24	24	11	
500 acres or more	1 777	987	311	473	461	447	12	10	6	
Corn for silage or green chop										
farms..	7 934	6 118	1 291	492	478	462	14	11	33	
acres..	205 176	142 156	35 242	26 522	25 351	24 474	1 171	1 100	1 256	
tons, green	3 251 394	2 251 192	535 090	447 766	426 753	412 772	21 013	19 799	17 346	
Irrigated	7	6	-	1	1	1	-	-	-	
acres..	110	(D)	-	(D)	(D)	(D)	-	-	-	
Farms by acres harvested:										
1 to 24 acres	5 508	4 429	862	200	196	192	4	2	17	
25 to 99 acres	2 112	1 509	372	219	212	203	7	6	12	
100 to 249 acres	285	160	51	50	50	47	-	-	4	
250 to 499 acres	41	17	2	22	19	19	3	3	-	
500 acres or more	8	3	4	1	1	1	-	-	-	
Sorghum for grain or seed										
farms..	108	70	19	16	13	13	3	-	3	
acres..	4 376	2 306	430	1 632	1 570	1 570	62	-	8	
bushels..	334 779	159 415	27 042	147 937	146 317	146 317	1 620	-	385	
Irrigated	-	-	-	-	-	-	-	-	-	
acres..	-	-	-	-	-	-	-	-	-	
Farms by acres harvested:										
1 to 24 acres	998	815	113	61	58	57	3	2	9	
25 to 99 acres	307	238	38	30	29	28	1	1	1	
100 to 249 acres	33	23	6	4	4	4	-	-	-	
250 to 499 acres	5	3	1	1	1	1	-	-	-	
500 acres or more	2	1	1	-	-	-	-	-	-	
Wheat for grain										
farms..	1 345	1 080	159	96	92	90	4	3	10	
acres..	31 047	23 455	4 367	3 113	3 063	(D)	50	(D)	112	
bushels..	1 180 360	903 699	152 813	119 894	118 674	(D)	1 220	(D)	3 954	
Irrigated	2	2	-	-	-	-	-	-	-	
acres..	(D)	(D)	-	-	-	-	-	-	-	
Farms by acres harvested:										
1 to 24 acres	998	815	113	61	58	57	3	2	9	
25 to 99 acres	307	238	38	30	29	28	1	1	1	
100 to 249 acres	33	23	6	4	4	4	-	-	-	
250 to 499 acres	5	3	1	1	1	1	-	-	-	
500 acres or more	2	1	1	-	-	-	-	-	-	
Barley for grain										
farms..	357	281	52	20	19	19	1	-	4	
acres..	6 545	5 146	870	480	(D)	478	(D)	-	49	
bushels..	358 125	277 826	51 210	27 699	(D)	27 559	(D)	-	1 390	
Irrigated	7	7	-	-	-	-	-	-	-	
acres..	483	483	-	-	-	-	-	-	-	
Oats for grain										
farms..	25 398	21 240	3 143	934	902	888	32	28	81	
acres..	544 907	438 428	77 078	27 855	26 849	26 469	1 006	669	1 546	
bushels..	30 918 660	24 709 191	4 408 975	1 722 980	1 670 660	1 649 330	52 320	43 322	77 514	
Irrigated	16	14	2	-	-	-	-	-	-	
acres..	484	(D)	(D)	-	-	-	-	-	-	
Farms by acres harvested:										
1 to 24 acres	18 021	15 426	1 981	548	530	522	18	17	66	
25 to 99 acres	7 125	5 642	1 113	356	343	337	13	11	14	
100 to 249 acres	238	166	45	26	25	25	1	-	1	
250 to 499 acres	13	5	4	4	4	4	-	-	-	
500 acres or more	1	1	-	-	-	-	-	-	-	
Soybeans for beans										
farms..	68 278	57 521	7 135	3 339	3 209	3 144	130	115	283	
acres..	7 903 395	6 293 773	874 959	711 352	691 506	677 963	19 846	17 398	23 311	
bushels..	326 081 351	258 133 610	36 003 144	30 996 839	30 171 661	29 544 302	825 178	722 509	947 758	
Irrigated	221	189	33	16	15	14	1	-	3	
acres..	20 304	14 500	3 103	2 667	(D)	2 535	(D)	-	34	
Farms by acres harvested:										
1 to 24 acres	10 200	8 951	1 015	174	149	145	25	23	60	
25 to 99 acres	28 626	24 455	3 217	800	747	731	53	45	154	
100 to 249 acres	22 245	18 881	1 998	1 311	1 287	1 261	24	22	55	
250 to 499 acres	6 197	4 685	696	805	785	771	20	19	11	
500 acres or more	1 010	549	209	249	241	236	8	6	3	
Irish potatoes										
farms..	104	84	9	8	6	6	2	1	3	
acres..	1 998	668	85	1 233	(D)	1 232	(D)	(D)	11	
cwt..	336 981	117 176	16 717	201 920	(D)	201 400	(D)	(D)	1 168	
Irrigated	20	14	2	3	3	3	-	-	1	
acres..	1 158	530	(D)	550	550	550	-	-	(D)	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)										
farms..	48 271	41 012	5 430	1 641	1 578	1 540	63	57	188	
acres..	1 968 207	1 567 151	288 449	105 017	101 052	98 154	3 965	3 318	7 590	
tons, dry..	5 612 944	4 430 197	841 186	320 202	308 772	299 985	11 430	9 411	21 359	
Irrigated	45	38	4	2	2	2	-	-	1	
acres..	1 216	1 071	73	(D)	(D)	(D)	-	-	(D)	
Farms by acres harvested:										
1 to 24 acres	22 645	20 073	1 918	560	536	525	24	23	94	
25 to 99 acres	21 233	17 702	2 701	753	727	708	26	24	77	
100 to 249 acres	4 085	3 046	735	289	276	270	13	10	15	
250 to 499 acres	278	175	70	32	32	30	-	-	1	
500 acres or more	30	16	6	7	7	7	-	-	1	
Alfalfa hay										
farms..	41 883	35 600	4 747	1 375	1 324	1 291	51	45	161	
acres..	1 380 550	1 110 979	196 812	67 562	64 943	63 260	2 619	2 207	5 197	
tons, dry..	4 444 233	3 538 162	650 809	238 625	230 151	224 646	8 474	6 708	16 637	
Irrigated	31	27	3	1	1	1	-	-	-	
acres..	641	529	(D)	(D)	(D)	(D)	-	-	-	

See footnotes at end of table.



**Table 50. Summary by Age and Principal Occupation of Operator: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS AND LAND IN FARMS</b>								
Farms.....number.....	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
.....percent.....	100.0	71.6	1.9	11.7	12.8	13.6	18.8	12.8
Land in farms.....acres.....	31 638 130	27 958 679	426 187	4 306 858	6 018 101	6 432 386	7 507 188	3 267 959
Average size of farm.....acres.....	301	371	217	349	447	449	380	243
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text).....farms.....	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
.....\$1,000.....	8 926 799	8 083 173	121 372	1 366 841	1 822 916	1 957 385	2 139 377	675 282
Average per farm.....dollars.....	84 872	107 376	61 893	110 774	135 412	136 660	108 411	50 170
Farms by value of sales:								
Less than \$1,000 (see text).....	3 782	787	21	56	109	91	152	358
\$1,000 to \$2,499.....	5 017	1 224	34	114	125	152	268	531
\$2,500 to \$4,999.....	5 498	1 894	61	179	162	207	399	886
\$5,000 to \$9,999.....	8 252	3 636	102	334	328	419	736	1 717
\$10,000 to \$19,999.....	12 427	7 155	298	858	756	802	1 707	2 734
\$20,000 to \$24,999.....	5 009	3 330	118	436	372	464	913	1 027
\$25,000 to \$39,999.....	11 756	8 537	344	1 252	1 136	1 332	2 494	1 979
\$40,000 to \$49,999.....	5 996	4 866	160	825	757	695	1 475	814
\$50,000 to \$99,999.....	20 656	18 377	490	3 529	3 314	3 739	5 412	1 893
\$100,000 to \$249,999.....	20 200	19 171	291	3 785	4 771	4 578	4 608	1 138
\$250,000 to \$499,999.....	4 957	4 784	34	780	1 284	1 284	1 132	270
\$500,000 to \$999,999.....	1 220	1 150	7	154	279	317	312	81
\$1,000,000 or more.....	410	368	1	37	69	103	126	32
Grains.....farms.....	81 042	63 701	1 537	10 529	11 761	12 446	17 220	10 208
.....\$1,000.....	3 563 323	3 242 673	54 130	540 860	745 293	756 456	849 361	296 572
Sales of \$50,000 or more.....farms.....	23 982	22 670	338	3 996	5 345	5 439	5 957	1 595
.....\$1,000.....	2 507 136	2 391 174	29 194	394 987	600 025	602 652	605 479	158 937
Corn for grain.....farms.....	72 356	57 462	1 422	9 604	10 629	11 186	15 557	9 064
.....\$1,000.....	1 961 527	1 780 719	30 257	301 737	411 293	416 717	462 022	158 693
Wheat.....farms.....	1 188	996	16	132	212	209	257	170
.....\$1,000.....	2 726	2 365	37	228	601	491	550	458
Soybeans.....farms.....	68 166	55 407	1 326	9 184	10 383	10 939	15 222	8 353
.....\$1,000.....	1 573 168	1 436 200	23 379	234 848	328 672	334 359	380 635	134 306
Sorghum for grain.....farms.....	57	45	1	7	13	8	10	6
.....\$1,000.....	477	444	(D)	(D)	86	123	86	123
Barley.....farms.....	81	70	7	11	12	12	19	9
.....\$1,000.....	116	107	(D)	(D)	17	23	39	9
Oats.....farms.....	11 842	10 276	206	1 743	1 996	2 072	2 695	1 564
.....\$1,000.....	19 604	17 712	333	2 919	3 754	3 696	4 651	2 359
Other grains.....farms.....	677	572	14	110	119	130	134	65
.....\$1,000.....	5 705	5 126	116	1 091	870	1 048	1 378	624
Cotton and cottonseed.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	12 947	9 627	184	1 709	1 878	1 813	2 329	1 714
.....\$1,000.....	46 480	39 522	660	6 684	9 456	8 255	9 117	5 350
Sales of \$50,000 or more.....farms.....	30	30	1	1	9	11	6	2
.....\$1,000.....	3 365	3 365	(D)	(D)	1 604	970	527	(D)
Vegetables, sweet corn, and melons.....farms.....	596	357	8	49	87	67	83	63
.....\$1,000.....	7 541	5 583	(D)	(D)	1 551	1 122	1 261	455
Sales of \$50,000 or more.....farms.....	30	27	-	4	8	6	7	2
.....\$1,000.....	4 384	3 233	-	838	981	514	(D)	(D)
Fruits, nuts, and berries.....farms.....	371	212	-	32	32	40	54	54
.....\$1,000.....	2 853	2 207	-	190	394	367	842	414
Sales of \$50,000 or more.....farms.....	13	12	-	1	2	1	6	2
.....\$1,000.....	1 390	(D)	-	(D)	(D)	(D)	705	(D)
Nursery and greenhouse crops.....farms.....	357	161	-	19	41	39	26	36
.....\$1,000.....	38 241	26 160	-	1 534	6 835	3 882	10 835	3 075
Sales of \$50,000 or more.....farms.....	111	65	-	8	19	16	15	7
.....\$1,000.....	35 714	25 042	-	1 394	6 554	3 582	10 679	2 834
Other crops.....farms.....	99	70	2	6	16	13	14	19
.....\$1,000.....	1 678	1 520	(D)	(D)	180	188	459	343
Sales of \$50,000 or more.....farms.....	7	6	-	-	2	1	2	1
.....\$1,000.....	1 259	(D)	-	-	(D)	(D)	(D)	(D)
Poultry and poultry products.....farms.....	3 643	2 554	41	389	410	433	698	583
.....\$1,000.....	192 229	129 135	512	15 003	22 099	32 279	50 606	8 637
Sales of \$50,000 or more.....farms.....	426	316	5	44	60	67	109	31
.....\$1,000.....	186 495	124 479	494	14 162	21 334	31 475	49 294	7 720
Dairy products.....farms.....	7 048	6 622	166	1 370	1 373	1 570	1 559	584
.....\$1,000.....	392 284	380 544	6 574	77 719	89 695	95 945	85 231	25 381
Sales of \$50,000 or more.....farms.....	3 165	3 106	46	687	724	781	680	188
.....\$1,000.....	294 998	289 525	3 829	59 017	71 336	74 940	63 165	17 237
Cattle and calves.....farms.....	50 509	39 547	800	5 971	6 916	7 937	10 528	7 395
.....\$1,000.....	2 124 641	1 939 601	17 872	239 572	370 436	518 043	588 966	204 712
Sales of \$50,000 or more.....farms.....	7 178	6 763	71	943	1 364	1 742	1 960	683
.....\$1,000.....	1 590 392	1 486 460	9 850	172 652	287 886	425 129	462 543	128 400

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS AND LAND IN FARMS</b>							
Farms.....number.....	29 901	891	5 119	7 820	7 421	5 553	3 097
Land in farms.....percent.....	28.4	.8	4.9	7.4	7.1	5.3	2.9
Land in farms.....acres.....	3 679 451	60 992	546 318	947 767	962 126	754 015	408 233
Average size of farm.....acres.....	123	68	107	121	130	136	132
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text).....farms.....	29 901	891	5 119	7 820	7 421	5 553	3 097
.....\$1,000.....	843 626	18 108	160 884	221 670	212 579	152 388	77 996
Average per farm.....dollars.....	28 214	20 324	31 429	28 347	28 646	27 442	25 184
Farms by value of sales:							
Less than \$1,000 (see text).....	2 995	45	374	851	765	635	325
\$1,000 to \$2,499.....	3 793	135	530	954	1 017	708	449
\$2,500 to \$4,999.....	3 604	118	511	895	955	709	416
\$5,000 to \$9,999.....	4 616	137	720	1 125	1 135	936	563
\$10,000 to \$19,999.....	5 272	186	936	1 319	1 307	959	565
\$20,000 to \$24,999.....	1 679	46	340	460	397	296	140
\$25,000 to \$39,999.....	3 219	108	645	895	751	540	280
\$40,000 to \$49,999.....	1 130	30	287	327	255	155	76
\$50,000 to \$99,999.....	2 279	62	518	658	523	359	159
\$100,000 to \$249,999.....	1 029	23	220	268	240	187	91
\$250,000 to \$499,999.....	173	1	25	41	43	45	18
\$500,000 to \$999,999.....	70	-	9	17	20	14	10
\$1,000,000 or more.....	42	-	4	10	13	10	5
Grains.....farms.....	17 341	442	2 959	4 489	4 371	3 346	1 734
.....\$1,000.....	320 650	7 054	57 872	88 084	77 837	60 584	29 219
Sales of \$50,000 or more.....farms.....	1 312	18	240	363	313	251	127
.....\$1,000.....	115 961	1 524	18 499	32 266	28 845	24 194	10 635
Corn for grain.....farms.....	14 894	375	2 634	3 899	3 713	2 815	1 458
.....\$1,000.....	180 809	4 021	33 178	49 223	43 605	35 184	15 598
Wheat.....farms.....	192	2	34	56	42	37	21
.....\$1,000.....	361	(D)	80	80	74	81	(D)
Soybeans.....farms.....	12 759	325	2 283	3 331	3 146	2 408	1 266
.....\$1,000.....	136 968	2 957	24 234	38 160	33 559	24 815	13 243
Sorghum for grain.....farms.....	12	1	-	4	2	3	2
.....\$1,000.....	33	(D)	-	(D)	(D)	17	(D)
Barley.....farms.....	11	-	3	1	3	4	-
.....\$1,000.....	9	-	(D)	(D)	(D)	3	-
Oats.....farms.....	1 566	42	293	453	353	285	140
.....\$1,000.....	1 892	62	310	503	448	391	178
Other grains.....farms.....	105	1	17	26	31	14	16
.....\$1,000.....	579	(D)	(D)	112	148	92	139
Cotton and cottonseed.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	3 320	58	519	906	850	626	361
.....\$1,000.....	6 958	151	1 105	1 826	1 688	1 295	894
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Vegetables, sweet corn, and melons.....farms.....	239	2	34	59	64	49	31
.....\$1,000.....	1 958	(D)	(D)	279	1 157	149	98
Sales of \$50,000 or more.....farms.....	3	-	1	1	1	-	-
.....\$1,000.....	1 151	-	(D)	(D)	(D)	-	-
Fruits, nuts, and berries.....farms.....	159	-	13	32	53	45	16
.....\$1,000.....	645	-	72	194	171	183	26
Sales of \$50,000 or more.....farms.....	1	-	-	-	1	-	-
.....\$1,000.....	(D)	-	-	-	(D)	-	-
Nursery and greenhouse crops.....farms.....	196	2	25	60	54	31	24
.....\$1,000.....	12 081	(D)	(D)	4 253	1 354	2 327	1 829
Sales of \$50,000 or more.....farms.....	46	-	5	13	10	12	6
.....\$1,000.....	10 672	-	2 089	3 836	1 025	2 114	1 608
Other crops.....farms.....	29	-	3	9	7	4	6
.....\$1,000.....	158	-	23	10	96	20	9
Sales of \$50,000 or more.....farms.....	1	-	-	-	1	-	-
.....\$1,000.....	(D)	-	-	-	(D)	-	-
Poultry and poultry products.....farms.....	1 089	25	208	336	245	164	111
.....\$1,000.....	63 094	458	5 090	14 182	29 765	9 903	3 696
Sales of \$50,000 or more.....farms.....	110	5	20	19	31	23	12
.....\$1,000.....	62 016	424	4 743	13 929	29 634	9 751	3 535
Dairy products.....farms.....	426	30	68	103	109	77	36
.....\$1,000.....	11 740	433	1 743	2 458	3 073	3 040	992
Sales of \$50,000 or more.....farms.....	59	2	9	12	12	19	5
.....\$1,000.....	5 474	(D)	(D)	890	1 242	1 929	568
Cattle and calves.....farms.....	10 962	310	1 724	2 704	2 836	2 118	1 270
.....\$1,000.....	185 040	3 110	33 371	47 141	41 448	35 518	24 452
Sales of \$50,000 or more.....farms.....	415	11	51	110	98	96	49
.....\$1,000.....	103 932	963	20 678	27 848	20 597	19 266	14 580

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Hogs and pigs ----- farms..	38 638	31 856	961	6 626	6 859	6 856	7 635	2 919
\$1,000..	2 494 231	2 275 513	40 406	474 265	570 085	532 021	533 965	124 769
farms..	15 528	14 403	254	3 148	3 637	3 323	3 327	714
\$1,000..	2 058 777	1 915 313	27 403	398 781	499 416	456 293	443 191	90 228
Sheep, lambs, and wool ----- farms..	8 922	5 834	163	885	1 163	1 144	1 415	1 064
\$1,000..	46 157	29 553	1 040	8 608	4 516	6 384	6 017	2 987
farms..	77	65	3	20	8	21	9	4
\$1,000..	21 114	11 484	366	5 700	705	2 627	1 536	551
Other livestock and livestock products (see text) ----- farms..	3 417	1 647	32	230	394	337	338	316
\$1,000..	17 139	11 161	108	1 232	2 075	2 444	2 718	2 586
farms..	60	36	-	10	4	9	8	5
\$1,000..	8 848	6 831	-	782	1 165	1 301	1 789	1 794
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses ----- farms..	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
\$1,000..	6 647 645	5 945 971	83 330	956 813	1 332 385	1 460 428	1 595 318	517 697
Average per farm ----- dollars..	63 200	78 726	43 973	76 392	100 270	105 089	79 125	37 623
Livestock and poultry purchased ----- farms..	46 066	35 836	941	6 846	7 235	7 142	9 041	4 631
\$1,000..	1 358 161	1 214 269	13 150	177 680	246 765	323 017	355 636	98 021
Farms with expenses of--								
\$1 to \$4,999 -----	20 895	14 345	450	2 699	2 775	2 617	3 323	2 481
\$5,000 to \$24,999 -----	14 932	12 211	362	2 486	2 273	2 273	3 195	1 408
\$25,000 to \$99,999 -----	7 811	6 992	118	1 341	1 498	1 610	1 860	565
\$100,000 or more -----	2 428	2 288	11	319	476	642	663	177
Feed for livestock and poultry ----- farms..	64 752	49 308	1 087	8 698	9 635	9 817	12 731	7 340
\$1,000..	1 101 866	983 284	12 945	178 274	228 875	245 524	253 033	64 633
Farms with expenses of--								
\$1 to \$4,999 -----	31 369	19 514	538	2 677	2 806	3 269	5 325	4 899
\$5,000 to \$24,999 -----	22 076	19 127	412	3 878	4 108	3 928	4 941	1 860
\$25,000 to \$99,999 -----	9 846	9 325	130	1 933	2 406	2 246	2 107	503
\$100,000 or more -----	1 461	1 342	7	210	315	374	358	78
Commercially mixed formula feeds ----- farms..	33 282	26 013	567	5 082	5 450	5 484	6 428	3 002
\$1,000..	475 104	412 990	5 456	75 428	97 511	106 437	102 499	25 659
Farms with expenses of--								
\$1 to \$4,999 -----	17 634	11 839	290	2 094	2 002	2 098	3 242	2 113
\$5,000 to \$24,999 -----	11 352	10 183	239	2 235	2 385	2 326	2 334	664
\$25,000 to \$79,999 -----	3 545	3 325	34	629	903	885	688	186
\$80,000 or more -----	751	666	4	124	160	175	164	39
Seeds, bulbs, plants, and trees ----- farms..	88 807	69 103	1 660	11 481	12 486	13 177	18 843	11 456
\$1,000..	308 197	279 514	4 725	45 515	61 681	63 397	76 287	27 909
Farms with expenses of--								
\$1 to \$999 -----	23 074	12 221	332	1 699	1 381	1 632	2 878	4 299
\$1,000 to \$4,999 -----	45 976	37 986	1 081	6 633	6 467	6 867	11 160	5 778
\$5,000 to \$24,999 -----	19 426	18 582	246	3 107	4 555	4 591	4 734	1 349
\$25,000 or more -----	331	314	1	42	83	87	71	30
Commercial fertilizer ----- farms..	83 067	65 473	1 544	10 974	11 952	12 509	18 029	10 465
\$1,000..	467 355	426 825	6 573	67 492	96 374	99 935	115 956	40 496
Farms with expenses of--								
\$1 to \$4,999 -----	51 929	36 408	1 082	6 155	5 363	5 741	10 098	7 969
\$5,000 to \$24,999 -----	29 100	27 104	457	4 599	6 033	6 209	7 442	2 364
\$25,000 to \$49,999 -----	1 788	1 721	5	194	492	486	428	116
\$50,000 or more -----	250	240	-	26	64	73	61	16
Agricultural chemicals ----- farms..	86 631	67 286	1 636	11 185	12 164	12 782	18 324	11 195
\$1,000..	309 894	281 166	5 313	46 387	64 500	62 936	74 060	27 970
Farms with expenses of--								
\$1 to \$4,999 -----	66 563	48 272	1 334	7 993	7 567	8 332	13 405	9 641
\$5,000 to \$24,999 -----	19 490	18 456	294	3 111	4 445	4 313	4 780	1 513
\$25,000 to \$49,999 -----	514	495	8	68	141	119	122	37
\$50,000 or more -----	64	63	-	13	11	18	17	4
Petroleum products ----- farms..	100 939	73 941	1 828	12 271	13 049	13 666	19 837	13 290
\$1,000..	315 061	282 842	4 936	47 005	62 761	64 242	74 978	28 918
Farms with expenses of--								
\$1 to \$4,999 -----	81 446	55 283	1 589	9 140	8 340	9 013	15 253	11 948
\$5,000 to \$24,999 -----	19 169	18 359	237	3 099	4 640	4 571	4 495	1 317
\$25,000 to \$49,999 -----	274	258	1	26	62	67	79	23
\$50,000 or more -----	50	41	1	6	7	15	10	2
Gasoline and gasohol ----- farms..	87 982	64 803	1 438	10 474	11 692	12 135	17 524	11 540
\$1,000..	105 047	91 235	1 538	14 290	18 549	20 334	24 948	11 577
Diesel fuel ----- farms..	73 400	59 823	1 541	10 594	11 525	11 857	16 341	7 965
\$1,000..	136 878	126 030	2 262	21 085	29 061	28 740	33 625	11 257
Natural gas ----- farms..	5 064	4 158	94	896	770	673	1 059	666
\$1,000..	6 637	5 364	99	1 126	1 134	1 072	1 232	700
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	86 862	68 493	1 607	11 561	12 537	13 021	18 809	10 958
\$1,000..	66 500	60 212	1 036	10 504	14 018	14 096	15 174	5 384

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Hogs and pigs ----- farms...	6 782	295	1 734	1 958	1 528	880	387
\$1,000... ..	218 719	6 526	56 370	59 252	50 284	30 621	15 665
Sales of \$50,000 or more ----- farms...	1 125	31	308	330	248	148	60
\$1,000... ..	143 464	3 119	35 411	37 663	34 513	21 113	11 646
Sheep, lambs, and wool ----- farms...	3 088	99	482	981	795	477	254
\$1,000... ..	16 604	300	1 645	2 424	4 042	7 672	521
Sales of \$50,000 or more ----- farms...	12	-	3	2	4	3	-
\$1,000... ..	9 630	-	(D)	(D)	2 241	6 648	-
Other livestock and livestock products (see text) ----- farms...	1 770	29	278	612	477	246	128
\$1,000... ..	5 978	48	1 030	1 568	1 663	1 075	594
Sales of \$50,000 or more ----- farms...	24	-	6	4	8	5	1
\$1,000... ..	2 017	-	399	337	598	(D)	(D)
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses ----- farms...	29 657	780	4 949	7 752	7 205	5 715	3 256
\$1,000... ..	701 673	10 897	126 103	191 172	180 058	130 905	62 539
Average per farm ----- dollars...	23 660	13 970	25 481	24 661	24 991	22 905	19 207
Livestock and poultry purchased ----- farms...	10 230	242	2 096	2 862	2 557	1 699	774
\$1,000... ..	143 892	1 788	32 637	38 069	29 537	27 897	13 965
Farms with expenses of--							
\$1 to \$4,999 -----	6 550	130	1 235	1 783	1 802	1 089	511
\$5,000 to \$24,999 -----	2 721	111	639	801	547	425	198
\$25,000 to \$99,999 -----	819	1	210	249	176	145	38
\$100,000 or more -----	140	-	12	29	32	40	27
Feed for livestock and poultry ----- farms...	15 444	408	2 899	4 374	3 765	2 815	1 183
\$1,000... ..	118 582	1 913	24 376	34 646	29 729	19 947	7 970
Farms with expenses of--							
\$1 to \$4,999 -----	11 855	272	2 021	3 336	3 018	2 230	978
\$5,000 to \$24,999 -----	2 949	127	694	880	617	486	145
\$25,000 to \$99,999 -----	521	9	166	131	93	76	46
\$100,000 or more -----	119	-	18	27	37	23	14
Commercially mixed formula feeds ----- farms...	7 269	208	1 527	2 057	1 721	1 269	487
\$1,000... ..	62 114	531	10 772	18 705	17 498	11 471	3 138
Farms with expenses of--							
\$1 to \$4,999 -----	5 795	168	1 122	1 577	1 442	1 042	444
\$5,000 to \$24,999 -----	1 169	40	304	412	209	183	21
\$25,000 to \$79,999 -----	220	-	89	51	43	23	14
\$80,000 or more -----	85	-	12	17	27	21	8
Seeds, bulbs, plants, and trees ----- farms...	19 704	447	3 016	5 163	4 962	3 999	2 117
\$1,000... ..	28 683	531	4 728	7 717	7 378	5 714	2 615
Farms with expenses of--							
\$1 to \$999 -----	10 853	278	1 425	2 693	2 562	2 410	1 485
\$1,000 to \$4,999 -----	7 990	159	1 455	2 216	2 210	1 424	526
\$5,000 to \$24,999 -----	844	10	135	249	185	161	104
\$25,000 or more -----	17	-	1	5	5	4	2
Commercial fertilizer ----- farms...	17 594	359	2 776	4 665	4 457	3 670	1 667
\$1,000... ..	40 530	681	6 284	10 655	10 594	8 527	3 789
Farms with expenses of--							
\$1 to \$4,999 -----	15 521	327	2 458	4 092	3 935	3 233	1 476
\$5,000 to \$24,999 -----	1 996	32	317	554	502	417	174
\$25,000 to \$49,999 -----	67	-	1	19	18	15	14
\$50,000 or more -----	10	-	-	-	2	5	3
Agricultural chemicals ----- farms...	19 345	461	3 177	5 142	4 895	3 776	1 894
\$1,000... ..	28 728	515	5 003	7 889	7 706	5 035	2 580
Farms with expenses of--							
\$1 to \$4,999 -----	18 291	453	2 961	4 840	4 640	3 621	1 776
\$5,000 to \$24,999 -----	1 034	8	214	298	247	150	117
\$25,000 to \$49,999 -----	19	-	2	4	7	5	1
\$50,000 or more -----	1	-	-	-	1	-	-
Petroleum products ----- farms...	26 998	734	4 572	7 013	6 578	5 299	2 802
\$1,000... ..	32 220	702	5 668	8 686	7 975	6 264	2 925
Farms with expenses of--							
\$1 to \$4,999 -----	26 163	724	4 430	6 793	6 357	5 128	2 731
\$5,000 to \$24,999 -----	810	10	139	214	214	165	68
\$25,000 to \$49,999 -----	16	-	1	4	6	3	2
\$50,000 or more -----	9	-	2	2	1	3	1
Gasoline and gasohol ----- farms...	23 179	599	3 898	6 104	5 597	4 531	2 450
\$1,000... ..	13 812	268	2 350	3 643	3 390	2 774	1 388
Diesel fuel ----- farms...	13 577	374	2 503	3 538	3 416	2 532	1 214
\$1,000... ..	10 847	222	1 950	2 881	2 792	2 144	858
Natural gas ----- farms...	806	23	210	173	246	177	77
\$1,000... ..	1 273	6	167	531	230	291	48
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	18 369	440	3 135	4 812	4 676	3 534	1 772
\$1,000... ..	6 287	206	1 201	1 632	1 563	1 055	631

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
—Con.								
Total farm production expenses—Con.								
Electricity..... farms.....	90 255	68 023	1 368	10 995	12 338	12 908	18 690	11 724
..... \$1,000.....	126 591	111 253	1 411	18 234	24 426	25 959	29 449	11 775
Farms with expenses of—								
\$1 to \$999.....	47 918	29 727	870	4 593	3 729	4 290	8 369	7 876
\$1,000 to \$4,999.....	39 358	35 477	478	5 973	7 927	7 828	9 625	3 646
\$5,000 to \$24,999.....	2 896	2 747	20	421	668	776	669	193
\$25,000 or more.....	83	72	—	8	14	14	27	9
Hired farm labor..... farms.....	49 121	39 964	688	6 823	7 957	8 244	10 621	5 631
..... \$1,000.....	282 515	258 261	2 357	32 921	59 984	66 026	73 494	23 480
Farms with expenses of—								
\$1 to \$4,999.....	37 600	29 130	581	5 310	5 425	5 393	7 724	4 697
\$5,000 to \$24,999.....	8 880	8 372	89	1 212	1 943	2 198	2 188	742
\$25,000 to \$99,999.....	2 443	2 293	15	283	549	615	656	175
\$100,000 or more.....	198	169	3	18	40	38	53	17
Contract labor..... farms.....	8 078	5 971	110	1 126	1 280	1 203	1 496	756
..... \$1,000.....	21 032	16 735	159	3 355	3 936	3 518	3 852	1 915
Farms with expenses of—								
\$1 to \$999.....	3 846	2 489	67	450	463	543	608	358
\$1,000 to \$4,999.....	3 123	2 546	31	455	615	471	672	302
\$5,000 to \$24,999.....	1 032	885	12	215	187	175	205	91
\$25,000 or more.....	77	51	—	6	15	14	11	5
Repair and maintenance..... farms.....	91 920	68 781	1 570	11 508	12 392	12 935	18 628	11 748
..... \$1,000.....	407 270	364 764	4 631	56 729	81 491	85 625	99 281	37 008
Farms with expenses of—								
\$1 to \$4,999.....	63 247	41 966	1 270	7 105	6 114	6 609	11 385	9 483
\$5,000 to \$24,999.....	27 602	25 793	296	4 292	5 987	6 035	6 982	2 201
\$25,000 to \$49,999.....	905	866	3	97	258	244	213	51
\$50,000 or more.....	166	156	1	14	33	47	48	13
Customwork, machine hire, and rental of machinery and equipment..... farms.....	57 354	43 463	908	6 887	7 989	8 609	11 642	7 428
..... \$1,000.....	133 395	108 166	2 054	16 787	21 446	23 677	28 030	16 172
Farms with expenses of—								
\$1 to \$999.....	25 122	16 978	463	2 674	2 883	3 178	4 388	3 392
\$1,000 to \$4,999.....	25 700	21 065	326	3 296	3 941	4 281	5 928	3 293
\$5,000 to \$24,999.....	6 238	5 190	109	891	1 130	1 075	1 275	710
\$25,000 or more.....	294	230	10	26	35	75	51	33
Interest expense..... farms.....	67 262	51 114	1 076	9 021	10 673	10 819	13 434	6 091
..... \$1,000.....	579 338	512 510	3 965	64 560	119 876	143 636	138 707	41 766
Farms with expenses of—								
\$1 to \$4,999.....	37 493	25 230	835	5 082	4 326	4 197	6 751	4 039
\$5,000 to \$24,999.....	24 442	20 798	233	3 461	5 120	4 984	5 284	1 716
\$25,000 to \$99,999.....	5 121	4 887	8	467	1 200	1 569	1 330	313
\$100,000 or more.....	206	199	—	11	27	69	69	23
Secured by real estate..... farms.....	44 371	33 184	379	4 213	6 757	8 235	9 619	3 981
..... \$1,000.....	390 226	342 044	1 981	34 287	74 691	102 650	98 123	30 311
Farms with expenses of—								
\$1 to \$999.....	6 684	4 151	94	420	509	700	1 450	978
\$1,000 to \$4,999.....	16 369	10 517	152	1 560	1 930	2 355	3 096	1 424
\$5,000 to \$24,999.....	17 889	15 239	128	1 993	3 635	4 062	4 082	1 339
\$25,000 or more.....	3 429	3 277	5	240	683	1 118	991	240
Not secured by real estate..... farms.....	41 208	32 449	845	6 942	7 471	6 421	7 560	3 210
..... \$1,000.....	189 113	170 466	1 984	30 273	45 185	40 986	40 583	11 455
Farms with expenses of—								
\$1 to \$999.....	13 476	9 162	376	1 912	1 528	1 486	2 289	1 571
\$1,000 to \$4,999.....	16 664	13 064	346	3 158	3 080	2 472	3 002	1 006
\$5,000 to \$24,999.....	10 034	9 231	122	1 726	2 600	2 179	2 040	564
\$25,000 or more.....	1 034	992	1	146	263	284	229	69
Cash rent..... farms.....	41 375	34 874	1 180	7 833	8 135	7 052	7 931	2 743
..... \$1,000.....	492 800	456 078	13 971	109 389	124 952	97 055	87 727	22 984
Farms with expenses of—								
\$1 to \$4,999.....	15 835	11 792	410	2 380	2 192	2 211	3 063	1 536
\$5,000 to \$9,999.....	8 684	7 271	236	1 664	1 532	1 511	1 877	451
\$10,000 to \$24,999.....	11 593	10 741	433	2 511	2 908	2 193	2 152	544
\$25,000 or more.....	5 263	5 070	101	1 278	1 503	1 137	839	212
Property taxes..... farms.....	87 431	62 399	767	7 501	10 376	12 520	18 481	12 754
..... \$1,000.....	230 810	195 464	1 060	14 875	30 198	47 700	66 513	35 118
Farms with expenses of—								
\$1 to \$4,999.....	75 206	51 178	731	6 828	8 741	9 409	14 381	11 088
\$5,000 to \$9,999.....	9 596	8 815	31	559	1 301	2 420	3 254	1 250
\$10,000 to \$24,999.....	2 474	2 264	5	109	306	651	798	395
\$25,000 or more.....	155	142	—	5	28	40	48	21
All other farm production expenses..... farms.....	101 919	74 578	1 818	12 300	13 183	13 845	20 006	13 426
..... \$1,000.....	513 358	454 839	6 080	77 610	105 121	108 183	118 315	39 531
Farms with expenses of—								
\$1 to \$4,999.....	73 591	48 292	1 473	7 413	6 856	7 518	13 432	11 600
\$5,000 to \$24,999.....	25 444	23 563	327	4 461	5 558	5 598	5 935	1 684
\$25,000 to \$49,999.....	2 166	2 060	16	331	593	539	475	106
\$50,000 or more.....	718	663	2	95	176	190	164	36

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
—Con.							
Total farm production expenses—Con.							
Electricity..... farms..	22 232	446	3 566	6 050	5 503	4 400	2 267
..... \$1,000..	15 338	240	2 393	3 955	4 432	3 019	1 299
Farms with expenses of—							
\$1 to \$999.....	18 191	393	2 830	4 975	4 481	3 538	1 974
\$1,000 to \$4,999.....	3 881	53	721	1 040	974	821	272
\$5,000 to \$24,999.....	149	—	15	33	41	40	20
\$25,000 or more.....	11	—	—	2	7	1	1
Hired farm labor..... farms..	9 157	165	1 682	2 475	2 461	1 568	806
..... \$1,000..	24 254	151	3 014	5 836	7 659	4 562	3 031
Farms with expenses of—							
\$1 to \$4,999.....	8 470	163	1 609	2 303	2 241	1 432	722
\$5,000 to \$24,999.....	508	—	52	141	166	92	57
\$25,000 to \$99,999.....	150	2	16	25	45	38	24
\$100,000 or more.....	29	—	5	6	9	6	3
Contract labor..... farms..	2 107	15	218	517	590	514	253
..... \$1,000..	4 297	9	403	779	1 464	783	859
Farms with expenses of—							
\$1 to \$999.....	1 357	8	129	320	406	364	130
\$1,000 to \$4,999.....	577	7	73	170	130	107	90
\$5,000 to \$24,999.....	147	—	15	24	41	41	26
\$25,000 or more.....	26	—	1	3	13	2	7
Repair and maintenance..... farms..	23 139	514	3 863	6 392	5 658	4 462	2 250
..... \$1,000..	42 506	491	7 212	11 598	11 432	7 987	3 787
Farms with expenses of—							
\$1 to \$4,999.....	21 281	512	3 518	5 898	5 112	4 158	2 083
\$5,000 to \$24,999.....	1 809	2	338	486	528	292	163
\$25,000 to \$49,999.....	39	—	7	5	14	11	2
\$50,000 or more.....	10	—	—	3	4	1	2
Customwork, machine hire, and rental of machinery and equipment..... farms..	13 891	313	2 152	3 651	3 587	2 915	1 273
..... \$1,000..	25 230	392	3 475	5 753	7 007	5 593	3 010
Farms with expenses of—							
\$1 to \$999.....	8 144	185	1 264	2 209	2 086	1 638	762
\$1,000 to \$4,999.....	4 635	109	733	1 202	1 180	1 022	389
\$5,000 to \$24,999.....	1 048	19	150	234	307	237	101
\$25,000 or more.....	64	—	5	6	14	18	21
Interest expense..... farms..	16 148	354	3 008	4 645	4 380	2 737	1 024
..... \$1,000..	66 828	596	9 358	20 284	20 319	11 510	4 762
Farms with expenses of—							
\$1 to \$4,999.....	12 263	331	2 474	3 389	3 177	2 114	778
\$5,000 to \$24,999.....	3 644	23	519	1 177	1 123	574	228
\$25,000 to \$99,999.....	234	—	15	78	77	47	17
\$100,000 or more.....	7	—	—	1	3	2	1
Secured by real estate..... farms..	11 187	101	1 655	3 343	3 352	2 051	685
..... \$1,000..	48 181	256	6 034	14 696	15 115	8 646	3 434
Farms with expenses of—							
\$1 to \$999.....	2 533	24	307	703	714	564	221
\$1,000 to \$4,999.....	5 852	71	1 006	1 716	1 747	1 013	299
\$5,000 to \$24,999.....	2 650	6	332	864	852	444	152
\$25,000 or more.....	152	—	10	60	39	30	13
Not secured by real estate..... farms..	8 759	265	1 897	2 466	2 281	1 353	497
..... \$1,000..	18 647	340	3 324	5 588	5 203	2 863	1 328
Farms with expenses of—							
\$1 to \$999.....	4 314	136	974	1 173	1 078	685	268
\$1,000 to \$4,999.....	3 600	120	786	1 014	953	556	171
\$5,000 to \$24,999.....	803	9	132	265	240	103	54
\$25,000 or more.....	42	—	5	14	10	9	4
Cash rent..... farms..	6 501	354	1 651	1 998	1 329	855	314
..... \$1,000..	36 722	1 818	9 187	11 616	7 442	5 140	1 519
Farms with expenses of—							
\$1 to \$4,999.....	4 043	233	1 012	1 186	826	562	224
\$5,000 to \$9,999.....	1 413	83	369	482	296	139	44
\$10,000 to \$24,999.....	852	30	216	268	163	134	41
\$25,000 or more.....	193	8	54	62	44	20	5
Property taxes..... farms..	25 032	360	3 440	6 438	6 579	5 319	2 896
..... \$1,000..	35 346	245	3 121	7 926	10 117	8 939	4 997
Farms with expenses of—							
\$1 to \$4,999.....	24 028	359	3 360	6 254	6 332	5 036	2 687
\$5,000 to \$9,999.....	781	1	62	157	177	213	171
\$10,000 to \$24,999.....	210	—	18	25	64	68	35
\$25,000 or more.....	13	—	—	2	6	2	3
All other farm production expenses..... farms..	27 341	702	4 601	7 133	6 715	5 270	2 920
..... \$1,000..	58 519	824	9 244	15 762	17 267	9 989	5 432
Farms with expenses of—							
\$1 to \$4,999.....	25 299	677	4 215	6 550	6 127	4 956	2 774
\$5,000 to \$24,999.....	1 881	25	365	543	542	275	131
\$25,000 to \$49,999.....	106	—	16	21	35	25	9
\$50,000 or more.....	55	—	5	19	11	14	6

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms..... number.....	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
..... \$1,000.....	2 146 997	2 029 891	33 817	405 042	472 658	442 548	512 203	163 623
Average per farm..... dollars.....	20 412	26 876	17 845	32 339	35 570	31 845	25 404	11 891
Farms with net gains <sup>2</sup> ..... number.....	74 987	59 795	1 502	10 452	10 968	11 209	15 831	9 833
Average net gain..... dollars.....	31 660	36 545	24 815	40 742	45 636	42 573	35 226	18 984
Gain of—								
Less than \$1,000.....	4 767	2 262	54	322	331	315	492	748
\$1,000 to \$9,999.....	22 906	15 001	478	2 016	2 007	2 183	3 866	4 451
\$10,000 to \$49,999.....	33 147	28 945	782	5 225	5 173	5 639	8 365	3 761
\$50,000 or more.....	14 167	13 587	188	2 889	3 457	3 072	3 108	873
Farms with net losses..... number.....	30 197	15 732	393	2 073	2 320	2 688	4 331	3 927
Average net loss..... dollars.....	7 521	9 872	8 793	10 030	12 017	12 893	10 498	5 870
Loss of—								
Less than \$1,000.....	4 943	2 165	44	284	292	289	475	781
\$1,000 to \$9,999.....	18 984	8 914	215	1 177	1 102	1 375	2 476	2 569
\$10,000 to \$49,999.....	5 889	4 296	132	563	857	917	1 285	542
\$50,000 or more.....	381	357	2	49	69	107	95	35
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments..... farms.....	75 203	60 425	1 433	10 240	11 414	11 973	16 425	8 940
..... \$1,000.....	1 153 713	1 036 728	14 769	158 657	228 747	248 983	290 428	95 145
Other farm-related income <sup>1</sup> ..... farms.....	30 370	24 557	605	4 238	4 966	4 883	6 248	3 617
..... \$1,000.....	132 008	108 399	1 759	17 115	20 893	22 532	27 394	18 706
Customwork and other agricultural services..... farms.....	15 001	13 140	435	2 891	3 211	2 908	2 860	835
..... \$1,000.....	61 977	57 448	1 305	13 554	15 051	12 418	11 375	3 744
Gross cash rent or share payments..... farms.....	8 633	5 552	34	415	660	865	1 706	1 872
..... \$1,000.....	58 000	40 363	325	2 193	3 739	7 412	12 920	13 774
Forest products and Christmas trees..... farms.....	710	487	-	41	68	83	162	133
..... \$1,000.....	1 876	1 313	-	148	102	295	415	353
Other farm-related income sources..... farms.....	11 908	10 427	190	1 550	2 066	2 247	2 936	1 438
..... \$1,000.....	10 156	9 274	129	1 220	2 000	2 406	2 684	834
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total..... farms.....	51 178	43 224	1 086	8 070	8 878	8 893	11 670	4 627
..... \$1,000.....	1 598 775	1 477 868	23 181	247 379	349 981	358 991	392 825	105 511
Corn..... farms.....	50 551	42 773	1 074	7 994	8 789	8 804	11 560	4 552
..... \$1,000.....	1 298 123	1 199 155	19 088	201 004	280 824	290 142	322 369	85 728
Wheat..... farms.....	61	50	1	10	15	9	9	6
..... \$1,000.....	127	92	(D)	12	12	19	11	10
Soybeans..... farms.....	14 094	12 302	262	2 426	2 836	2 687	3 059	1 032
..... \$1,000.....	298 747	277 737	4 014	46 241	68 958	68 774	70 341	19 409
Sorghum, barley, and oats..... farms.....	86	82	-	13	18	10	24	17
..... \$1,000.....	190	151	-	15	29	18	30	59
Cotton..... farms.....	-	-	-	-	-	-	-	-
..... \$1,000.....	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms.....	70	30	2	3	8	4	6	7
..... \$1,000.....	1 587	733	(D)	(D)	159	38	74	305
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms.....	96 749	71 620	1 695	11 519	12 949	13 816	19 091	12 550
..... acres.....	27 290 868	24 403 812	384 157	3 872 342	5 338 592	5 615 990	6 520 137	2 672 594
Harvested cropland..... farms.....	92 878	70 196	1 660	11 378	12 806	13 621	18 790	11 941
..... acres.....	20 484 178	18 570 853	298 085	2 995 323	4 131 581	4 318 683	4 929 749	1 897 432
Farms by acres harvested:								
1 to 49 acres.....	17 548	6 497	198	708	717	805	1 427	2 642
50 to 99 acres.....	13 956	8 981	318	1 291	1 098	1 215	2 203	2 856
100 to 199 acres.....	23 454	18 942	602	3 278	3 988	3 166	5 376	3 532
200 to 499 acres.....	29 005	27 136	475	4 899	5 657	6 074	7 676	2 355
500 to 999 acres.....	7 723	7 488	63	1 057	2 035	2 022	1 838	473
1,000 to 1,999 acres.....	1 114	1 079	4	135	295	320	249	76
2,000 acres or more.....	78	73	-	10	16	19	21	7
Cropland:								
Pasture or grazing only..... farms.....	36 766	28 356	510	3 966	5 066	5 686	7 835	5 293
..... acres.....	2 283 547	1 935 029	26 373	258 315	363 703	408 332	541 453	336 853
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms.....	27 088	20 934	392	3 122	3 754	3 951	6 157	3 558
..... acres.....	1 670 711	1 404 005	18 607	207 994	277 426	302 566	416 028	181 384
On which all crops failed..... farms.....	1 640	1 125	17	146	215	239	273	235
..... acres.....	45 013	35 426	280	4 405	7 909	8 467	8 188	6 177
In cultivated summer fallow..... farms.....	844	640	12	82	108	118	175	145
..... acres.....	45 160	38 963	519	4 673	6 404	8 420	10 578	8 369
Idle..... farms.....	42 114	33 996	830	5 889	6 683	6 968	8 911	4 715
..... acres.....	2 762 259	2 419 536	40 293	401 632	551 569	569 522	614 141	242 379
Total woodland..... farms.....	24 782	17 470	280	2 235	3 167	3 512	4 766	3 510
..... acres.....	1 316 448	1 031 132	10 901	125 165	197 601	234 620	276 378	186 467
Woodland pastured..... farms.....	14 393	10 545	154	1 317	1 886	2 197	2 837	2 154
..... acres.....	774 976	632 020	6 856	73 652	116 889	144 156	173 275	117 192
Woodland not pastured..... farms.....	14 477	10 074	157	1 345	1 841	1 994	2 777	1 960
..... acres.....	541 472	399 112	4 045	51 513	80 712	90 464	103 103	69 275

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>							
All farms..... number..	29 657	780	4 949	7 752	7 205	5 715	3 256
..... \$1,000..	117 105	4 398	27 377	29 228	21 921	21 697	12 485
Average per farm..... dollars..	3 949	5 639	5 532	3 770	3 042	3 796	3 835
Farms with net gains <sup>2</sup> ..... number..	15 192	515	2 879	3 859	3 172	2 929	1 838
Average net gain..... dollars..	12 435	10 135	12 746	13 413	13 678	11 615	9 699
Gain of—							
Less than \$1,000.....	2 505	105	427	624	524	469	356
\$1,000 to \$9,999.....	7 905	275	1 453	1 782	1 750	1 649	996
\$10,000 to \$49,999.....	4 202	118	896	1 283	772	687	446
\$50,000 or more.....	580	17	103	170	126	124	40
Farms with net losses..... number..	14 465	265	2 070	3 893	4 033	2 786	1 418
Average net loss..... dollars..	4 964	3 099	4 502	5 788	5 323	4 423	3 766
Loss of—							
Less than \$1,000.....	2 778	104	438	694	747	440	355
\$1,000 to \$9,999.....	10 070	154	1 385	2 705	2 765	2 098	963
\$10,000 to \$49,999.....	1 593	7	247	489	510	243	97
\$50,000 or more.....	24	-	-	5	11	5	3
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>							
Government payments..... farms..	14 778	351	2 574	3 891	3 653	2 848	1 461
..... \$1,000..	116 985	1 985	18 216	30 742	31 153	24 004	10 885
Other farm-related income <sup>1</sup> ..... farms..	5 813	118	886	1 358	1 335	1 429	687
..... \$1,000..	23 610	266	2 350	4 321	5 597	6 023	5 053
Customwork and other agricultural services..... farms..	1 861	103	449	496	381	340	92
..... \$1,000..	4 529	146	1 056	1 258	1 105	688	276
Gross cash rent or share payments..... farms..	3 081	22	318	622	748	818	553
..... \$1,000..	17 637	117	1 168	2 624	4 145	4 872	4 710
Forest products and Christmas trees..... farms..	223	-	11	78	46	88	-
..... \$1,000..	563	-	20	141	115	286	-
Other farm-related income sources..... farms..	1 481	14	240	360	327	395	145
..... \$1,000..	881	3	106	297	231	176	67
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total..... farms..	7 954	221	1 650	2 224	1 895	1 379	585
..... \$1,000..	120 907	2 641	23 324	33 852	29 444	22 077	9 569
Corn..... farms..	7 778	219	1 615	2 173	1 858	1 349	564
..... \$1,000..	98 968	2 272	18 782	27 450	23 987	18 705	7 772
Wheat..... farms..	11	-	2	5	1	3	-
..... \$1,000..	35	-	(D)	4	(D)	(D)	-
Soybeans..... farms..	1 792	47	416	499	416	295	119
..... \$1,000..	21 010	369	4 262	6 314	5 154	3 222	1 689
Sorghum, barley, and oats..... farms..	4	-	-	1	-	2	1
..... \$1,000..	40	-	-	(D)	-	(D)	(D)
Cotton..... farms..	-	-	-	-	-	-	-
..... \$1,000..	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms..	40	-	7	10	11	6	6
..... \$1,000..	854	-	(D)	(D)	(D)	85	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland..... farms..	25 129	573	3 977	6 632	6 435	4 922	2 590
..... acres..	2 887 056	52 733	457 918	756 348	736 339	577 237	306 481
Harvested cropland..... farms..	22 682	526	3 639	5 957	5 859	4 400	2 301
..... acres..	1 913 325	39 533	325 982	510 161	477 683	366 684	193 282
Farms by acres harvested:							
1 to 49 acres.....	11 051	248	1 523	2 886	2 977	2 268	1 149
50 to 99 acres.....	4 975	133	853	1 241	1 278	962	508
100 to 199 acres.....	4 512	114	891	1 252	1 084	755	416
200 to 499 acres.....	1 869	28	335	513	446	349	198
500 to 999 acres.....	235	3	34	50	63	58	27
1,000 to 1,999 acres.....	35	-	3	13	9	7	3
2,000 acres or more.....	5	-	-	2	2	1	-
Cropland:							
Pasture or grazing only..... farms..	8 410	130	1 177	2 235	2 294	1 737	837
..... acres..	348 518	3 997	41 499	84 658	90 704	81 429	46 231
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms..	6 154	109	906	1 625	1 608	1 291	615
..... acres..	266 706	3 329	34 904	69 846	69 466	60 950	28 211
On which all crops failed..... farms..	515	7	80	135	122	107	64
..... acres..	9 587	37	1 482	2 442	2 202	2 075	1 349
In cultivated summer fallow..... farms..	204	4	31	39	44	46	40
..... acres..	6 197	96	772	1 435	1 259	1 393	1 242
Idle..... farms..	8 118	193	1 416	2 150	2 052	1 511	796
..... acres..	342 723	5 741	53 279	87 806	95 025	64 706	36 166
Total woodland..... farms..	7 312	79	866	1 889	2 116	1 573	789
..... acres..	285 316	1 842	29 335	66 654	87 740	65 473	34 272
Woodland pastured..... farms..	3 848	37	466	963	1 153	818	411
..... acres..	142 956	1 216	15 200	31 163	47 568	32 114	15 695
Woodland not pastured..... farms..	4 403	47	499	1 174	1 255	952	476
..... acres..	142 360	626	14 135	35 491	40 172	33 359	18 577

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Pastureland and rangeland other than cropland and woodland pastured ----- farms..	22 415	16 403	259	2 089	2 874	3 280	4 688	3 213
acres..	1 452 248	1 189 229	14 985	139 618	214 090	267 477	330 465	222 594
Land in house lots, ponds, roads, wasteland, etc.----- farms..	79 586	57 766	1 200	8 178	10 178	11 553	16 062	10 595
acres..	1 578 566	1 334 506	16 144	169 733	267 818	314 299	380 208	186 304
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ----- farms..	69 141	57 007	1 332	9 771	10 994	11 504	15 625	7 781
acres..	3 560 902	3 228 217	53 132	545 950	743 589	749 965	853 177	282 404
Conservation reserve program ----- farms..	8 050	5 612	69	743	987	1 191	1 663	959
acres..	697 896	505 505	4 528	61 161	82 330	119 547	156 698	81 241
Value of land and buildings <sup>1</sup> ----- farms..	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
\$1,000-----	29 829 901	26 203 435	407 363	4 177 659	5 798 723	5 864 472	6 951 925	3 003 293
Average per farm ----- dollars..	283 597	346 941	214 967	333 546	436 388	421 996	344 803	218 263
Average per acre ----- dollars..	947	941	932	955	962	946	925	907
Farms by value group:								
\$1 to \$39,999 -----	13 227	5 413	272	920	563	676	1 177	1 805
\$40,000 to \$69,999 -----	11 020	5 045	242	655	538	560	1 060	1 990
\$70,000 to \$99,999 -----	9 152	4 932	154	727	528	738	1 151	1 834
\$100,000 to \$149,999 -----	12 468	8 283	231	1 427	991	1 288	2 296	2 050
\$150,000 to \$199,999 -----	9 769	7 305	223	1 063	1 067	1 229	2 133	1 590
\$200,000 to \$499,999 -----	31 637	27 499	577	5 098	5 322	5 155	8 028	3 319
\$500,000 to \$999,999 -----	14 045	13 360	175	2 151	3 269	3 243	3 446	1 076
\$1,000,000 to \$1,999,999 -----	3 466	3 310	21	440	916	901	773	259
\$2,000,000 to \$4,999,999 -----	380	363	-	44	90	100	96	33
\$5,000,000 or more -----	20	17	-	-	4	7	2	4
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms..	104 901	75 458	1 895	12 525	13 281	13 888	20 139	13 730
\$1,000-----	5 543 375	4 863 996	74 609	762 513	1 020 623	1 093 931	1 334 451	577 869
Farms by value group:								
\$1 to \$4,999 -----	6 659	2 325	126	225	293	185	472	1 024
\$5,000 to \$9,999 -----	12 872	5 158	247	642	469	650	1 231	1 919
\$10,000 to \$19,999 -----	15 609	9 277	380	1 519	1 121	1 256	2 377	2 624
\$20,000 to \$49,999 -----	28 782	21 389	551	4 112	3 454	3 606	5 497	4 169
\$50,000 to \$99,999 -----	22 911	20 208	380	3 571	4 062	4 005	5 894	2 296
\$100,000 to \$199,999 -----	14 193	13 404	202	2 009	3 006	3 121	3 705	1 361
\$200,000 to \$499,999 -----	3 763	3 591	9	436	851	1 030	932	333
\$500,000 or more -----	112	106	-	11	25	35	31	4
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Motortrucks, including pickups ----- farms..	93 674	69 282	1 606	11 628	12 450	13 048	18 686	11 864
number..	143 433	110 834	2 273	17 579	21 443	22 173	30 173	17 193
Wheel tractors ----- farms..	97 120	71 082	1 601	11 552	12 686	13 387	19 172	12 684
number..	302 392	242 177	4 217	34 044	44 507	50 411	69 573	39 425
Less than 40 horsepower (PTO) ----- farms..	48 200	33 815	593	4 717	5 625	6 654	9 481	6 745
number..	79 062	57 131	879	7 466	8 898	10 986	16 786	12 116
40 horsepower (PTO) or more ----- farms..	85 755	65 760	1 484	10 944	12 151	12 676	17 868	10 637
number..	223 330	185 046	3 338	26 578	35 609	39 425	52 787	27 309
Grain and bean combines ----- farms..	55 575	47 147	801	7 039	9 196	9 901	13 685	6 525
number..	60 004	51 016	813	7 776	9 823	10 704	14 884	7 016
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	29 756	23 964	429	3 748	4 299	5 179	6 573	3 736
number..	31 333	25 251	463	3 920	4 513	5 493	6 935	3 927
Pickup balers ----- farms..	40 640	32 810	557	4 571	5 669	6 678	9 690	5 645
number..	46 867	38 175	608	5 273	6 576	7 875	11 375	6 468
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Commercial fertilizer ----- farms..	83 051	65 457	1 544	10 974	11 952	12 503	18 019	10 465
acres on which used..	13 313 702	12 060 924	205 299	2 038 474	2 755 282	2 694 221	3 157 165	1 210 483
Lime ----- farms..	17 823	14 832	267	2 541	2 863	3 005	4 123	2 033
acres on which used..	1 219 181	1 070 088	14 676	171 749	235 340	235 514	293 763	119 046
tons..	2 846 408	2 483 892	35 201	378 773	549 120	554 446	687 583	278 769
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms..	41 361	33 695	888	6 149	6 825	6 892	8 433	4 508
acres on which used..	4 910 343	4 448 841	75 814	733 001	1 032 328	1 057 933	1 105 786	443 979
Nematodes in crops ----- farms..	2 548	2 012	76	446	437	274	519	260
acres on which used..	267 277	231 448	7 695	39 440	54 113	45 511	63 124	21 565
Diseases in crops and orchards ----- farms..	1 330	865	15	158	154	205	199	134
acres on which used..	112 420	87 251	718	13 758	21 905	26 622	18 320	5 928
Weeds, grass, or brush in crops and pasture ----- farms..	70 486	55 609	1 277	9 395	10 354	10 455	15 254	8 874
acres on which used..	14 709 093	13 391 124	232 131	2 302 954	3 117 288	2 944 678	3 496 916	1 297 157
Chemicals for defoliation or for growth control of crops or thinning of fruit ----- farms..	1 066	808	24	162	178	107	209	128
acres on which used..	120 779	103 563	2 119	25 976	24 436	17 338	22 754	10 940

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Pastureland and rangeland other than cropland and woodland pastured ----- farms..	6 012	94	865	1 574	1 610	1 248	621
acres..	263 019	2 760	28 507	66 970	68 641	60 445	35 696
Land in house lots, ponds, roads, wasteland, etc. ----- farms..	21 820	552	3 496	5 690	5 565	4 210	2 307
acres..	244 060	3 657	30 558	57 795	69 406	50 860	31 784
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ----- farms..	12 134	291	2 250	3 248	3 034	2 245	1 066
acres..	332 685	6 748	61 406	92 524	81 447	60 679	29 881
Conservation reserve program ----- farms..	2 438	19	248	632	706	577	256
acres..	192 391	1 119	18 569	49 865	57 284	47 271	18 283
Value of land and buildings <sup>1</sup> ----- farms..	29 657	780	4 949	7 752	7 205	5 715	3 256
\$1,000..	3 626 466	60 133	540 747	966 639	933 055	745 735	380 157
Average per farm ----- dollars..	122 280	77 094	109 264	124 695	129 501	130 487	116 756
Average per acre ----- dollars..	994	1 067	1 030	1 009	976	976	975
Farms by value group:							
\$1 to \$39,999 -----	7 814	394	1 610	1 838	1 675	1 254	1 043
\$40,000 to \$69,999 -----	5 975	109	1 059	1 581	1 438	1 145	643
\$70,000 to \$99,999 -----	4 220	83	646	1 082	1 068	909	432
\$100,000 to \$149,999 -----	4 185	105	536	1 211	1 156	771	406
\$150,000 to \$199,999 -----	2 464	16	357	737	604	546	204
\$200,000 to \$499,999 -----	4 138	57	592	1 099	1 065	912	413
\$500,000 to \$999,999 -----	685	15	141	157	144	145	83
\$1,000,000 to \$1,999,999 -----	156	1	8	41	47	28	31
\$2,000,000 to \$4,999,999 -----	17	-	-	5	7	4	1
\$5,000,000 or more -----	3	-	-	1	1	1	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment ----- farms..	29 443	780	4 916	7 718	7 151	5 649	3 229
\$1,000..	679 379	18 943	112 878	178 628	170 588	130 690	67 651
Farms by value group:							
\$1 to \$4,999 -----	4 334	131	737	1 112	984	873	497
\$5,000 to \$9,999 -----	7 714	144	1 108	2 084	1 856	1 625	887
\$10,000 to \$19,999 -----	6 332	178	1 155	1 611	1 537	1 114	737
\$20,000 to \$49,999 -----	7 393	208	1 310	1 955	1 824	1 301	795
\$50,000 to \$99,999 -----	2 703	87	484	684	741	506	201
\$100,000 to \$199,999 -----	789	32	91	215	186	179	86
\$200,000 to \$499,999 -----	172	-	30	57	19	50	16
\$500,000 or more -----	6	-	1	-	4	1	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Motortrucks, including pickups ----- farms..	24 392	587	4 150	6 510	6 015	4 569	2 561
number..	32 599	832	5 505	8 412	8 108	6 265	3 477
Wheel tractors ----- farms..	26 038	628	4 218	6 909	6 384	5 121	2 778
number..	60 215	1 468	9 121	15 277	15 564	12 371	6 414
Less than 40 horsepower (PTO) ----- farms..	14 385	324	2 155	3 561	3 680	3 023	1 642
number..	21 931	518	3 066	5 143	5 615	4 954	2 635
40 horsepower (PTO) or more ----- farms..	19 995	486	3 422	5 368	5 008	3 753	1 958
number..	38 284	950	6 055	10 134	9 949	7 417	3 779
Grain and bean combines ----- farms..	8 428	197	1 372	2 139	2 315	1 572	833
number..	8 988	205	1 438	2 278	2 486	1 711	870
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Mower conditioners ----- farms..	5 792	123	863	1 469	1 467	1 238	632
number..	6 082	130	899	1 580	1 531	1 291	651
Pickup balers ----- farms..	7 830	189	1 115	2 039	1 965	1 728	794
number..	8 692	221	1 248	2 296	2 125	1 920	882
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>							
Commercial fertilizer ----- farms..	17 594	359	2 776	4 665	4 457	3 670	1 667
acres on which used..	1 252 778	22 724	207 696	342 155	307 870	256 681	115 652
Lime ----- farms..	2 991	50	460	830	716	661	274
acres on which used..	149 093	2 980	21 406	42 364	36 071	34 053	12 219
tons..	362 516	5 908	48 620	104 781	85 558	89 551	28 098
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms..	7 666	180	1 386	2 180	1 792	1 440	688
acres on which used..	461 502	8 852	77 016	126 851	115 119	90 425	43 239
Nematodes in crops ----- farms..	536	16	79	146	151	108	36
acres on which used..	35 829	544	3 859	13 986	11 157	3 698	2 585
Diseases in crops and orchards ----- farms..	465	15	28	121	177	79	45
acres on which used..	25 169	566	2 484	3 611	13 475	3 317	1 716
Weeds, grass, or brush in crops and pasture ----- farms..	14 877	347	2 531	3 959	3 763	2 965	1 312
acres on which used..	1 317 969	23 072	235 653	376 099	331 478	243 164	108 503
Chemicals for defoliation or for growth control of crops or thinning of fruit ----- farms..	258	1	32	81	56	61	27
acres on which used..	17 216	(D)	(D)	7 013	4 338	3 864	662

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>TENURE AND RACE OF OPERATOR</b>								
All operators .....	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
Full owners .....	48 226	28 709	434	2 292	3 036	4 668	8 708	9 571
Part owners .....	35 207	30 242	268	4 120	6 693	7 782	8 729	2 650
Tenants .....	21 747	16 328	1 259	5 927	3 733	1 873	2 297	1 239
White .....	105 056	75 203	1 958	12 324	13 447	14 309	19 728	13 437
Full owners .....	48 162	28 676	433	2 290	3 031	4 660	8 704	9 558
Part owners .....	35 182	30 222	267	4 117	6 686	7 778	8 728	2 646
Tenants .....	21 712	16 305	1 258	5 917	3 730	1 871	2 296	1 233
Black and other races .....	124	76	3	15	15	14	6	23
Full owners .....	64	33	1	2	5	8	4	13
Part owners .....	25	20	1	3	7	4	1	4
Tenants .....	35	23	1	10	3	2	1	6
<b>OWNED AND RENTED LAND</b>								
Land owned .....	84 315	59 651	709	6 503	9 811	12 544	17 641	12 443
farms..	17 021 650	14 183 481	76 108	977 958	2 053 862	3 353 982	4 769 345	2 952 226
acres..	83 433	58 951	702	6 412	9 729	12 450	17 437	12 221
Owned land in farms .....	15 050 360	12 762 763	66 763	864 341	1 912 621	3 153 097	4 365 801	2 400 140
Land rented or leased from others .....	57 231	46 750	1 528	10 068	10 444	9 688	11 072	3 950
farms..	16 739 305	15 313 002	361 222	3 464 886	4 121 892	3 304 525	3 171 394	889 083
acres..	56 954	46 570	1 527	10 047	10 426	9 655	11 026	3 889
Rented or leased land in farms .....	16 587 770	15 195 916	359 424	3 442 517	4 105 480	3 279 289	3 141 387	867 819
acres..	14 144	9 369	90	826	1 020	1 409	2 587	3 437
Land rented or leased to others .....	2 122 825	1 537 804	11 143	135 986	157 653	226 121	433 551	573 350
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	78 710	59 943	1 124	8 952	11 033	12 135	16 312	10 387
Not on farm operated .....	20 505	11 326	753	2 855	1 810	1 486	2 413	2 009
Not reported .....	5 965	4 010	84	532	619	702	1 009	1 064
Operators by principal occupation:								
Farming .....	75 279	75 279	1 961	12 339	13 462	14 323	19 734	13 460
Other .....	29 901	-	-	-	-	-	-	-
Operators by days of work off farm:								
None .....	51 753	48 742	822	6 613	8 010	9 351	13 913	10 033
Any .....	46 229	19 339	1 028	4 928	4 517	3 830	3 837	1 199
1 to 99 days .....	13 104	11 954	634	2 978	2 711	2 295	2 493	843
100 to 199 days .....	7 197	3 985	206	982	946	827	807	217
200 days or more .....	25 928	3 400	188	968	860	708	537	139
Not reported .....	7 198	7 198	111	798	935	1 142	1 984	2 228
Operators by years on present farm:								
2 years or less .....	5 787	3 203	722	1 264	528	264	258	167
3 or 4 years .....	5 973	3 398	527	1 593	630	265	229	154
5 to 9 years .....	13 617	8 219	390	4 446	1 809	698	540	336
10 years or more .....	65 721	50 830	-	3 744	9 035	11 372	16 361	10 318
Average years on present farm .....	19.7	21.9	3.2	7.7	13.7	22.0	29.5	35.6
Not reported .....	14 082	9 629	322	1 292	1 460	1 724	2 346	2 485
Operators by age group:								
Under 25 years .....	2 852	1 961	1 961	-	-	-	-	-
25 to 34 years .....	17 458	12 339	-	12 339	-	-	-	-
35 to 44 years .....	21 282	13 462	-	-	13 462	-	-	-
45 to 49 years .....	10 512	6 661	-	-	-	6 661	-	-
50 to 54 years .....	11 232	7 662	-	-	-	7 662	-	-
55 to 59 years .....	12 608	9 492	-	-	-	-	9 492	-
60 to 64 years .....	12 679	10 242	-	-	-	-	10 242	-
65 to 69 years .....	7 848	6 362	-	-	-	-	-	6 362
70 years and over .....	8 709	7 098	-	-	-	-	-	7 098
Average age .....	49.3	50.3	22.2	30.0	39.3	49.6	59.6	71.3
Operators by sex:								
Male .....	101 838	73 431	1 954	12 232	13 278	14 062	19 207	12 698
Female .....	3 342	1 848	7	107	184	261	527	762
Operators of Spanish origin (see text) .....	105	75	3	17	12	5	24	14
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....	89 188	63 076	1 692	10 207	11 296	12 179	16 505	11 197
farms..	25 058 946	22 076 586	356 591	3 489 508	4 807 426	5 176 318	5 820 240	2 426 503
acres..	11 088	8 300	233	1 716	1 336	1 194	2 145	1 676
Partnership .....	3 802 372	3 351 841	56 526	604 097	627 263	586 395	955 635	521 925
acres..								
Corporation:								
Family held .....	4 094	3 428	23	337	730	875	977	486
farms..	2 568 304	2 374 674	9 565	189 348	550 304	645 967	692 741	286 749
acres..	81	65	1	4	9	14	20	17
More than 10 stockholders .....	4 013	3 363	22	333	721	861	957	469
10 or less stockholders .....								
Other than family held .....	310	181	4	38	46	34	32	27
farms..	91 558	68 493	86	8 873	17 851	14 418	14 325	12 940
acres..	34	14	-	2	5	3	3	1
More than 10 stockholders .....	276	167	4	36	41	31	29	26
10 or less stockholders .....								
Other—cooperative, estate or trust, institutional, etc. ....	500	294	9	41	54	41	75	74
farms..	116 950	87 085	3 419	15 032	15 257	9 288	24 247	19 842
acres..								

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>TENURE AND RACE OF OPERATOR</b>							
All operators .....	29 901	891	5 119	7 820	7 421	5 553	3 097
Full owners .....	19 517	382	2 415	4 855	5 272	4 251	2 542
Part owners .....	4 965	54	848	1 610	1 357	824	272
Tenants .....	5 419	455	1 856	1 555	792	478	283
White .....	29 853	890	5 112	7 802	7 411	5 551	3 087
Full owners .....	19 486	381	2 411	4 844	5 264	4 250	2 536
Part owners .....	4 960	54	848	1 609	1 356	823	270
Tenants .....	5 407	455	1 853	1 549	791	478	281
Black and other races .....	48	1	7	18	10	2	10
Full owners .....	31	1	4	11	8	1	6
Part owners .....	5	-	-	1	1	1	2
Tenants .....	12	-	3	6	1	-	2
<b>OWNED AND RENTED LAND</b>							
Land owned .....	24 664	436	3 288	6 308	6 669	5 118	2 845
farms..							
acres..	2 838 169	16 139	223 661	591 207	809 601	724 795	472 766
Owned land in farms .....	24 482	436	3 263	6 265	6 629	5 075	2 814
farms..							
acres..	2 287 597	12 266	180 755	503 728	677 964	581 579	331 305
Land rented or leased from others .....	10 481	510	2 717	3 191	2 174	1 322	567
farms..							
acres..	1 426 303	50 364	371 412	457 561	290 990	177 077	78 899
Rented or leased land in farms .....	10 384	509	2 704	3 165	2 149	1 302	555
farms..							
acres..	1 391 854	48 726	365 563	444 039	284 162	172 436	76 928
Land rented or leased to others .....	4 775	52	436	930	1 228	1 169	960
farms..							
acres..	585 021	5 511	48 755	101 001	138 465	147 857	143 432
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	18 767	401	3 061	5 095	4 967	3 554	1 689
Not on farm operated .....	9 179	448	1 788	2 284	1 970	1 612	1 077
Not reported .....	1 955	42	270	441	484	367	331
Operators by principal occupation:							
Farming .....	-	-	-	-	-	-	-
Other .....	29 901	891	5 119	7 820	7 421	5 553	3 097
Operators by days of work off farm:							
None .....	3 011	81	180	234	246	638	1 632
Any .....	26 890	810	4 939	7 586	7 175	4 915	1 465
1 to 99 days .....	1 150	80	147	161	195	254	313
100 to 199 days .....	3 212	133	467	777	772	767	296
200 days or more .....	22 528	597	4 325	6 648	6 208	3 894	856
Not reported .....	-	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less .....	2 584	353	961	665	326	192	87
3 or 4 years .....	2 575	191	925	777	410	192	80
5 to 9 years .....	5 398	118	1 734	1 899	997	484	166
10 years or more .....	14 891	-	879	3 582	4 709	3 813	1 908
Average years on present farm .....	14.0	2.9	6.0	9.9	15.0	20.7	28.8
Not reported .....	4 453	229	620	897	979	872	856
Operators by age group:							
Under 25 years .....	891	891	-	-	-	-	-
25 to 34 years .....	5 119	-	5 119	-	-	-	-
35 to 44 years .....	7 820	-	-	7 820	-	-	-
45 to 49 years .....	3 851	-	-	-	3 851	-	-
50 to 54 years .....	3 570	-	-	-	3 570	-	-
55 to 59 years .....	3 116	-	-	-	-	3 116	-
60 to 64 years .....	2 437	-	-	-	-	2 437	-
65 to 69 years .....	1 486	-	-	-	-	-	1 486
70 years and over .....	1 611	-	-	-	-	-	1 611
Average age .....	46.7	21.8	30.2	39.5	49.2	59.1	71.4
Operators by sex:							
Male .....	28 407	853	4 989	7 569	7 130	5 168	2 698
Female .....	1 494	38	130	251	291	385	399
Operators of Spanish origin (see text) .....	30	-	3	8	3	8	8
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	26 112	790	4 468	6 963	6 679	4 761	2 451
farms..							
acres..	2 982 360	53 272	452 915	787 685	813 743	586 881	287 864
Partnership .....	2 788	80	541	632	545	525	465
farms..							
acres..	450 531	6 540	73 389	110 486	93 081	94 168	72 867
Corporation:							
Family held .....	666	9	62	146	131	180	138
farms..							
acres..	193 630	558	14 823	37 807	42 776	56 082	41 584
More than 10 stockholders .....	16	-	1	2	5	6	2
10 or less stockholders .....	650	9	61	144	126	174	136
Other than family held .....	129	-	13	38	28	38	12
farms..							
acres..	23 065	-	1 796	6 649	3 776	8 518	2 326
More than 10 stockholders .....	20	-	5	10	2	2	1
10 or less stockholders .....	109	-	8	28	26	36	11
Other—cooperative, estate or trust, institutional, etc. ....	206	12	35	41	38	49	31
farms..							
acres..	29 865	622	3 395	5 140	8 750	8 366	3 592

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	7 974	3 181	256	741	466	455	570	693
10 to 49 acres .....	10 981	3 330	142	488	432	423	629	1 216
50 to 69 acres .....	2 901	1 175	59	173	128	143	218	454
70 to 99 acres .....	6 981	3 608	141	515	373	423	749	1 407
100 to 139 acres .....	7 168	4 332	158	644	526	555	1 064	1 385
140 to 179 acres .....	10 506	7 432	290	1 192	990	1 054	1 967	1 939
180 to 219 acres .....	6 574	4 990	137	889	771	746	1 330	1 117
220 to 259 acres .....	7 119	5 851	171	991	949	995	1 640	1 105
260 to 499 acres .....	25 378	22 709	427	3 964	4 212	4 605	6 778	2 723
500 to 999 acres .....	15 874	15 105	165	2 322	3 645	3 925	3 908	1 140
1,000 to 1,999 acres .....	3 401	3 266	15	381	902	916	812	240
2,000 acres or more .....	323	300	-	39	68	83	69	41
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	50 200	37 149	977	5 884	6 499	6 840	10 233	6 716
Field crops, except cash grains (013) .....	1 451	488	10	40	66	49	96	227
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	488	10	40	66	49	96	227
Vegetables and melons (016) .....	213	93	2	7	22	12	20	30
Fruits and tree nuts (017) .....	195	69	-	9	6	10	17	27
Horticultural specialties (018) .....	278	112	-	12	30	28	22	20
General farms, primarily crop (019) .....	1 039	548	14	78	76	92	151	137
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	31 036	827	5 175	5 555	5 957	7 875	5 647
Beef cattle, except feedlots (0212) .....	10 095	5 298	80	425	491	659	1 381	2 262
Dairy farms (024) .....	4 209	3 942	105	859	868	915	856	339
Poultry and eggs (025) .....	570	327	4	45	59	56	104	59
Animal specialties (027) .....	1 601	311	6	28	55	56	67	99
General farms, primarily livestock and animal specialties (029) .....	1 445	1 204	16	202	226	308	293	159
<b>LIVESTOCK</b>								
Cattle and calves inventory .....	49 469 farms..	38 442	808	5 880	6 783	7 677	10 164	7 130
number..	4 303 682	3 870 599	50 618	541 958	758 009	940 933	1 078 580	500 501
Farms with—								
1 to 9 .....	4 928	2 157	88	348	366	316	460	579
10 to 49 .....	19 719	13 738	383	2 042	2 059	2 267	3 522	3 465
50 to 99 .....	28 289	10 761	194	1 707	1 896	2 185	3 009	1 770
100 to 199 .....	8 310	7 745	109	1 264	1 603	1 814	2 044	911
200 to 499 .....	3 423	3 287	30	437	705	885	905	325
500 or more .....	800	754	4	82	154	210	224	80
Cows and heifers that had calved .....	38 373 farms..	30 288	571	4 380	5 311	6 066	8 031	5 929
number..	1 418 633	1 252 315	17 816	177 280	240 745	278 536	343 239	194 699
Beef cows .....	32 279 farms..	24 891	412	3 158	4 137	4 771	6 763	5 450
number..	1 123 745	968 219	12 094	119 283	177 608	207 638	277 922	173 674
Farms with—								
1 to 9 .....	5 883	3 176	107	390	477	515	772	915
10 to 49 .....	19 651	15 315	244	2 020	2 422	2 829	4 205	3 595
50 to 99 .....	4 965	4 542	45	552	893	1 014	1 327	711
100 to 199 .....	1 467	1 369	12	163	292	344	369	189
200 to 499 .....	276	257	4	29	47	65	76	36
500 or more .....	37	32	-	4	6	4	14	4
Milk cows .....	7 748 farms..	7 013	172	1 417	1 443	1 623	1 631	727
number..	294 888	284 096	5 722	57 997	63 137	70 898	65 317	21 025
Farms with—								
1 to 4 .....	880	550	7	63	89	90	137	164
5 to 9 .....	278	211	12	36	28	36	54	45
10 to 49 .....	4 340	4 041	118	862	808	943	936	374
50 to 99 .....	1 955	1 922	34	413	450	459	441	125
100 to 199 .....	272	266	1	43	62	86	58	16
200 to 499 .....	22	22	-	-	5	9	5	3
500 or more .....	1	1	-	-	1	-	-	-
Heifers and heifer calves .....	38 383 farms..	30 457	625	4 650	5 408	6 183	8 075	5 516
number..	1 275 321	1 156 474	14 847	171 202	231 937	297 268	313 407	127 813
Steers, steer calves, bulls, and bull calves .....	42 527 farms..	33 417	663	4 952	5 864	6 722	8 957	6 259
number..	1 609 728	1 461 810	17 955	193 476	285 327	365 129	421 934	177 989
Cattle and calves sold .....	50 509 farms..	39 547	800	5 971	6 916	7 937	10 528	7 395
number..	3 539 020	3 195 483	32 789	410 074	608 915	830 851	949 068	363 786
\$1,000..	2 124 641	1 939 601	17 872	239 572	370 436	518 043	588 966	204 712
Calves .....	16 116 farms..	11 949	286	1 896	2 009	2 291	2 932	2 535
number..	355 396	295 779	5 091	45 442	53 287	64 683	72 464	54 812
\$1,000..	101 352	83 444	1 399	11 708	15 482	18 454	20 601	15 801
Cattle .....	43 833 farms..	34 910	684	5 298	6 178	7 082	9 396	6 272
number..	3 183 624	2 899 704	27 698	364 632	555 628	766 168	876 604	308 974
\$1,000..	2 023 290	1 856 157	16 474	227 864	354 954	499 589	568 365	188 911
Fattened on grain and concentrates .....	22 503 farms..	19 004	338	2 832	3 481	4 103	5 340	2 910
number..	2 405 669	2 244 748	19 026	264 963	430 617	621 464	697 857	210 821
\$1,000..	1 643 176	1 538 781	12 325	179 641	294 870	429 086	480 696	142 163

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARMS BY SIZE</b>							
1 to 9 acres .....	4 793	326	1 205	1 348	914	594	406
10 to 49 acres .....	7 651	198	1 170	2 057	1 977	1 444	805
50 to 69 acres .....	1 726	52	239	401	479	370	185
70 to 99 acres .....	3 373	83	550	775	900	696	369
100 to 139 acres .....	2 836	73	455	715	711	575	307
140 to 179 acres .....	3 074	61	539	822	755	587	310
180 to 219 acres .....	1 584	41	224	431	412	304	172
220 to 259 acres .....	1 268	19	191	345	323	237	153
260 to 499 acres .....	2 669	32	431	705	692	532	277
500 to 999 acres .....	769	5	101	180	212	177	94
1,000 to 1,999 acres .....	135	1	14	34	39	31	16
2,000 acres or more .....	23	-	-	7	7	6	3
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	13 051	359	2 180	3 347	3 238	2 548	1 379
Field crops, except cash grains (013) .....	963	11	105	242	264	209	132
Cotton (0131) .....	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	963	11	105	242	264	209	132
Vegetables and melons (016) .....	120	2	12	31	30	26	19
Fruits and tree nuts (017) .....	126	-	11	33	35	38	9
Horticultural specialties (018) .....	166	2	19	51	44	27	23
General farms, primarily crop (019) .....	491	1	60	139	135	112	44
Livestock, except dairy, poultry, and animal specialties (021) .....	12 943	469	2 455	3 348	3 165	2 219	1 287
Beef cattle, except feedlots (0212) .....	4 797	119	646	1 018	1 268	1 052	694
Dairy farms (024) .....	267	17	38	72	67	49	24
Poultry and eggs (025) .....	243	6	48	50	57	48	34
Animal specialties (027) .....	1 290	17	169	432	336	218	118
General farms, primarily livestock and animal specialties (029) .....	241	7	22	75	50	59	28
<b>LIVESTOCK</b>							
Cattle and calves inventory .....	11 027	315	1 775	2 809	2 802	2 092	1 234
Farms with—	433 083	9 377	62 095	108 827	106 914	92 363	53 507
1 to 9 .....	2 771	103	516	821	651	439	241
10 to 49 .....	5 981	159	951	1 445	1 552	1 148	726
50 to 99 .....	1 528	35	212	378	414	314	175
100 to 199 .....	565	16	76	122	139	146	66
200 to 499 .....	136	1	16	32	36	31	20
500 or more .....	46	1	4	11	10	14	6
Cows and heifers that had calved .....	8 085	210	1 172	1 986	2 134	1 621	862
number .....	166 318	3 737	20 471	39 771	43 393	37 615	21 331
Beef cows .....	7 588	183	1 080	1 854	2 003	1 546	922
number .....	155 526	3 218	18 936	37 334	40 556	35 016	20 466
Farms with—							
1 to 9 .....	2 707	78	442	732	665	492	298
10 to 49 .....	4 336	94	577	1 010	1 200	912	543
50 to 99 .....	423	8	48	89	106	112	60
100 to 199 .....	98	3	11	18	28	23	15
200 to 499 .....	19	-	2	3	4	5	5
500 or more .....	5	-	-	2	-	2	1
Milk cows .....	735	35	115	219	180	120	66
number .....	10 792	519	1 535	2 437	2 837	2 599	865
Farms with—							
1 to 4 .....	330	11	49	121	73	44	32
5 to 9 .....	67	7	14	12	17	11	6
10 to 49 .....	299	16	48	81	81	48	25
50 to 99 .....	33	1	4	5	6	15	2
100 to 199 .....	6	-	-	-	3	2	1
200 to 499 .....	-	-	-	-	-	-	-
500 or more .....	-	-	-	-	-	-	-
Heifers and heifer calves .....	7 926	235	1 231	1 988	2 033	1 575	864
number .....	118 847	2 633	21 459	30 271	27 717	24 056	12 711
Steers, steer calves, bulls, and bull calves .....	9 110	238	1 408	2 338	2 355	1 768	1 003
number .....	147 918	3 007	20 165	38 785	35 804	30 692	19 465
Cattle and calves sold .....	10 962	310	1 724	2 704	2 836	2 118	1 270
number .....	343 537	6 370	59 615	83 975	82 297	64 812	46 468
\$1,000 .....	185 040	3 110	33 371	47 141	41 448	35 518	24 452
Caives .....	4 167	122	626	1 001	1 107	772	539
number .....	59 617	1 362	7 770	14 546	17 475	10 377	8 067
\$1,000 .....	17 907	413	2 319	4 260	5 239	3 222	2 455
Cattle .....	8 923	261	1 409	2 217	2 285	1 751	1 000
number .....	283 920	4 988	51 845	69 429	64 822	54 435	38 401
\$1,000 .....	167 133	2 697	31 052	42 881	36 210	32 296	21 997
Fattened on grain and concentrates .....	3 499	123	600	916	878	635	347
number .....	160 921	2 695	37 064	33 964	36 461	27 766	22 971
\$1,000 .....	104 395	1 649	24 225	22 562	23 184	17 630	15 145

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory..... farms..	36 670	30 475	908	6 389	6 624	6 575	7 281	2 698
..... number..	12 983 074	11 887 067	232 802	2 522 212	2 968 249	2 800 300	2 722 486	641 018
Farms with—								
1 to 24.....	3 530	1 948	71	244	354	344	499	436
25 to 49.....	2 560	1 741	70	307	251	320	443	350
50 to 99.....	4 220	3 207	153	627	544	646	815	422
100 to 199.....	6 766	5 666	199	1 183	1 130	1 188	1 440	526
200 to 499.....	11 269	10 053	291	2 312	2 281	2 198	2 343	628
500 or more.....	8 325	7 860	124	1 716	2 064	1 879	1 741	336
Used or to be used for breeding..... farms..	26 844	23 142	662	4 942	5 135	4 999	5 448	1 956
..... number..	1 657 873	1 529 718	31 441	335 734	376 680	352 200	340 680	85 983
Other..... farms..	35 152	29 443	867	6 210	6 442	6 379	7 024	2 521
..... number..	11 325 201	10 364 349	201 361	2 186 478	2 591 568	2 448 100	2 381 806	555 035
Hogs and pigs sold..... farms..	38 638	31 856	961	6 626	6 859	6 856	7 635	2 919
..... number..	23 483 812	21 239 788	413 123	4 682 323	5 330 258	4 856 909	4 816 492	1 140 683
..... \$1,000..	2 494 231	2 275 513	40 406	474 265	570 085	532 021	533 965	124 769
Feeder pigs..... farms..	8 972	7 022	294	1 887	1 710	1 349	1 323	459
..... number..	4 460 979	3 809 208	116 659	1 175 432	983 734	729 869	641 154	162 360
..... \$1,000..	209 249	179 421	5 230	54 561	47 491	34 335	30 459	7 344
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms..	28 037	23 914	687	5 098	5 262	5 163	5 640	2 064
..... number..	2 495 867	2 297 634	46 147	515 713	577 729	522 959	512 018	123 068
Dec. 1 and May 31..... farms..	26 110	22 448	610	4 753	5 001	4 881	5 335	1 868
..... number..	1 251 973	1 153 487	21 966	255 272	290 441	262 201	260 281	63 326
June 1 and Nov. 30..... farms..	25 992	22 321	663	4 877	5 026	4 869	5 165	1 721
..... number..	1 243 894	1 144 147	24 181	260 441	287 288	260 758	251 737	59 742
Sheep and lambs of all ages inventory..... farms..	8 636	5 651	154	848	1 119	1 125	1 363	1 042
..... number..	451 617	319 781	10 057	65 043	61 098	68 830	70 180	44 573
Ewes 1 year old or older..... farms..	8 089	5 316	149	797	1 033	1 066	1 291	980
..... number..	280 591	207 930	6 658	42 084	42 499	42 903	45 578	28 208
Sheep and lambs sold..... farms..	8 806	5 765	160	874	1 150	1 133	1 403	1 045
..... number..	607 492	380 835	13 281	117 304	57 957	78 081	74 471	39 741
Sheep and lambs shorn..... farms..	8 052	5 316	154	783	1 051	1 063	1 284	981
..... number..	542 200	333 401	12 218	74 954	61 570	71 711	71 882	41 066
..... pounds of wool..	2 901 639	2 148 525	72 895	403 044	394 265	493 824	489 205	295 292
Horses and ponies inventory..... farms..	11 647	6 525	109	926	1 580	1 419	1 365	1 126
..... number..	59 338	32 662	533	3 766	7 381	7 567	7 220	6 195
Horses and ponies sold..... farms..	2 453	1 182	20	163	293	239	242	225
..... number..	9 909	5 429	44	399	1 050	1 412	1 347	1 177
Goats inventory..... farms..	1 082	535	10	77	141	99	113	95
..... number..	7 387	3 672	77	805	1 017	569	557	647
Goats sold..... farms..	366	172	4	32	32	35	33	36
..... number..	3 198	1 276	18	194	270	208	193	393
<b>POULTRY</b>								
Chickens 3 months old or older inventory..... farms..	4 897	3 311	47	397	535	573	858	901
..... number..	9 580 666	6 441 802	25 477	1 020 171	752 315	1 044 387	2 963 628	635 824
Farms with—								
1 to 399.....	4 456	2 963	44	357	488	496	749	829
400 to 3,199.....	175	153	—	11	16	30	47	49
3,200 to 9,999.....	93	76	2	—	12	17	24	12
10,000 to 19,999.....	82	53	1	6	10	12	18	6
20,000 to 49,999.....	50	37	—	9	4	14	8	2
50,000 to 99,999.....	25	20	—	3	4	4	7	2
100,000 or more.....	16	9	—	2	1	—	5	1
Hens and pullets of laying age..... farms..	4 834	3 263	47	392	528	564	850	882
..... number..	8 212 576	5 819 132	25 417	967 367	551 986	955 756	2 845 211	473 395
Pullets 3 months old or older not of laying age..... farms..	487	325	4	47	54	47	67	106
..... number..	1 368 090	622 670	60	52 804	200 329	88 631	118 417	162 429
Hens and pullets sold..... farms..	908	673	9	81	106	121	216	140
..... number..	9 873 596	6 334 651	77 498	730 947	1 454 681	1 324 031	2 319 839	427 655
Broilers and other meat-type chickens sold..... farms..	1 060	658	21	172	151	122	118	74
..... number..	666 016	513 188	4 161	122 379	65 518	71 485	231 175	18 470
Farms with—								
1 to 1,999.....	1 021	630	21	163	143	118	113	72
2,000 to 59,999.....	38	27	—	9	8	4	4	2
60,000 to 99,999.....	—	—	—	—	—	—	—	—
100,000 or more.....	1	1	—	—	—	—	1	—
Turkey hens kept for breeding..... farms..	345	164	3	24	41	29	38	29
..... number..	71 889	38 381	11	5 958	2 676	16 803	12 808	125
Turkeys sold..... farms..	407	264	3	65	63	41	70	22
..... number..	9 594 632	7 218 985	8 258	760 542	1 749 897	2 225 057	1 986 323	488 908

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK—Con.</b>							
Hogs and pigs inventory..... farms..	6 195	257	1 614	1 786	1 412	786	340
..... number..	1 096 007	42 860	290 333	298 112	243 386	142 627	78 689
Farms with—							
1 to 24.....	1 582	55	313	489	416	207	102
25 to 49.....	819	36	205	229	194	109	46
50 to 99.....	1 013	48	302	262	227	135	39
100 to 199.....	1 100	55	327	318	211	125	64
200 to 499.....	1 216	46	342	379	249	149	51
500 or more.....	465	17	125	109	115	61	38
Used or to be used for breeding..... farms..	3 802	157	995	1 095	852	493	210
..... number..	135 155	5 103	38 203	38 268	28 450	17 228	7 903
Other..... farms..	5 709	242	1 487	1 657	1 308	704	311
..... number..	960 852	37 757	252 130	259 844	214 936	125 399	70 786
Hogs and pigs sold..... farms..	6 782	295	1 734	1 958	1 528	880	387
..... number..	2 244 024	64 850	615 987	625 511	495 333	299 933	142 410
..... \$1,000..	218 719	6 526	56 370	59 252	50 284	30 621	15 665
Feeder pigs..... farms..	1 950	86	536	614	418	215	81
..... number..	651 771	17 528	228 213	198 157	116 203	72 407	19 263
..... \$1,000..	29 828	810	10 540	8 904	5 376	3 305	893
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30..... farms..	4 123	175	1 063	1 184	937	534	230
..... number..	198 233	6 598	56 002	53 955	43 756	27 272	10 650
Dec. 1 and May 31..... farms..	3 662	155	938	1 061	831	476	201
..... number..	98 486	3 113	27 426	26 997	21 894	13 819	5 237
June 1 and Nov. 30..... farms..	3 671	161	978	1 066	809	458	199
..... number..	99 747	3 485	28 576	26 958	21 862	13 453	5 413
Sheep and lambs of all ages inventory..... farms..	2 985	98	476	952	769	446	244
..... number..	131 836	3 613	21 613	31 483	31 639	36 172	7 316
Ewes 1 year old or older..... farms..	2 773	93	437	875	732	414	222
..... number..	72 661	2 657	13 837	21 300	19 269	10 747	4 851
Sheep and lambs sold..... farms..	3 041	95	468	974	781	472	251
..... number..	226 657	3 723	19 995	31 399	49 447	114 857	7 236
Sheep and lambs shorn..... farms..	2 736	92	425	867	711	422	219
..... number..	208 799	3 862	19 532	31 242	31 549	115 299	7 315
..... pounds of wool..	753 114	28 029	124 285	207 331	198 682	144 970	49 817
Horses and ponies inventory..... farms..	5 122	84	780	1 658	1 371	861	368
..... number..	26 676	407	3 390	8 535	7 154	4 749	2 441
Horses and ponies sold..... farms..	1 271	25	203	437	344	179	83
..... number..	4 480	86	743	1 464	1 134	651	402
Goats inventory..... farms..	547	3	93	214	135	71	31
..... number..	3 715	16	939	1 126	725	453	456
Goats sold..... farms..	194	-	33	74	46	26	15
..... number..	1 922	-	356	849	422	153	142
<b>POULTRY</b>							
Chickens 3 months old or older inventory..... farms..	1 586	17	247	473	388	248	213
..... number..	3 138 864	45 048	352 230	732 067	1 325 206	315 894	368 419
Farms with—							
1 to 399.....	1 493	13	223	458	367	233	199
400 to 3,199.....	22	-	8	4	3	5	2
3,200 to 9,999.....	17	1	3	2	4	2	5
10,000 to 19,999.....	29	3	10	2	7	5	2
20,000 to 49,999.....	13	-	1	4	3	1	4
50,000 to 99,999.....	5	-	2	-	2	1	-
100,000 or more.....	7	-	-	3	2	1	1
Hens and pullets of laying age..... farms..	1 571	17	245	470	384	243	212
..... number..	2 393 444	45 048	221 350	513 658	1 061 735	248 723	302 930
Pullets 3 months old or older not of laying age..... farms..	162	-	26	60	30	28	18
..... number..	745 420	-	130 880	218 409	263 471	67 171	65 489
Hens and pullets sold..... farms..	235	6	47	50	50	45	37
..... number..	3 538 945	39 123	589 990	682 903	975 317	890 258	361 354
Broilers and other meat-type chickens sold..... farms..	402	11	98	138	81	56	18
..... number..	152 828	2 550	32 152	46 122	22 826	40 185	8 993
Farms with—							
1 to 1,999.....	391	11	95	134	80	54	17
2,000 to 59,999.....	11	-	3	4	1	2	1
60,000 to 99,999.....	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms..	181	2	38	57	49	23	12
..... number..	33 508	(D)	(D)	215	22 077	4 115	73
Turkeys sold..... farms..	143	3	34	39	45	18	4
..... number..	2 375 647	16 614	216 143	1 031 362	395 437	697 826	18 265

See footnotes at end of table.

**Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED</b>								
Corn for grain or seed	farms... 83 301	66 463	1 581	11 039	12 374	13 149	17 966	10 354
	acres... 10 147 051	9 217 643	152 708	1 521 716	2 081 071	2 170 314	2 410 809	881 025
	bushels... 1 274 388 346	1 164 174 492	19 354 286	193 428 088	265 528 566	276 172 334	304 072 777	105 618 441
	farms... 453	399	4	69	100	88	93	45
	acres... 62 099	57 530	299	9 235	12 150	12 417	15 391	8 038
Farms by acres harvested:								
1 to 24 acres	11 524	5 443	149	599	602	701	1 279	2 113
25 to 99 acres	35 088	26 671	901	4 418	3 933	4 292	7 572	5 555
100 to 249 acres	27 186	25 177	443	4 669	5 407	5 665	6 890	2 103
250 to 499 acres	7 726	7 461	79	1 138	1 970	2 000	1 811	463
500 acres or more	1 777	1 711	9	215	462	491	414	120
Corn for silage or green chop	farms... 7 934	7 402	83	1 054	1 473	1 812	2 090	890
	acres... 205 176	193 852	1 270	23 939	36 978	51 627	59 148	20 890
	tons, green... 3 251 394	3 089 005	17 736	384 499	579 822	830 562	956 922	319 464
Irrigated	farms... 7	7	-	2	1	2	2	-
	acres... 110	110	(D)	(D)	(D)	(D)	(D)	-
Farms by acres harvested:								
1 to 24 acres	5 508	5 113	69	788	1 028	1 205	1 414	609
25 to 99 acres	2 112	1 990	14	233	388	525	576	254
100 to 249 acres	265	251	-	30	51	65	80	25
250 to 499 acres	41	40	-	2	6	13	17	2
500 acres or more	8	8	-	1	-	4	3	-
Sorghum for grain or seed	farms... 108	85	2	15	19	23	15	11
	acres... 4 376	3 969	(D)	(D)	646	1 133	848	995
	bushels... 334 779	312 462	(D)	(D)	53 707	104 058	62 852	64 519
Irrigated	farms... -	-	-	-	-	-	-	-
	acres... -	-	-	-	-	-	-	-
Wheat for grain	farms... 1 345	1 131	16	147	236	234	296	202
	acres... 31 047	26 688	382	2 605	6 053	5 588	6 748	5 312
	bushels... 1 180 360	1 030 257	17 251	105 789	253 199	206 480	242 188	205 350
Irrigated	farms... 2	2	-	1	1	-	-	-
	acres... (D)	(D)	-	(D)	(D)	-	-	-
Farms by acres harvested:								
1 to 24 acres	998	823	11	112	173	177	212	138
25 to 99 acres	307	275	4	34	55	51	76	55
100 to 249 acres	33	27	1	1	7	4	7	7
250 to 499 acres	5	5	-	-	-	2	1	2
500 acres or more	2	1	-	-	1	-	-	-
Barley for grain	farms... 357	325	12	65	76	62	81	29
	acres... 6 545	6 178	131	1 203	1 453	1 232	1 645	514
	bushels... 358 125	339 452	4 940	74 103	78 690	68 862	85 867	26 990
Irrigated	farms... 7	7	-	1	1	1	3	1
	acres... 483	483	(D)	(D)	(D)	(D)	77	(D)
Oats for grain	farms... 25 398	22 440	411	3 580	4 304	4 812	6 088	3 245
	acres... 544 907	500 028	7 626	76 422	98 106	111 937	137 495	68 442
	bushels... 30 918 660	28 617 452	435 022	4 421 994	5 799 529	6 571 596	7 796 349	3 592 962
Irrigated	farms... 16	14	-	5	2	3	4	-
	acres... 484	(D)	-	275	(D)	28	72	-
Farms by acres harvested:								
1 to 24 acres	18 021	15 514	324	2 532	2 937	3 210	4 160	2 351
25 to 99 acres	7 125	6 691	84	1 016	1 317	1 549	1 869	856
100 to 249 acres	238	222	3	30	48	51	55	35
250 to 499 acres	13	12	-	2	2	2	3	3
500 acres or more	1	1	-	-	-	-	1	-
Soybeans for beans	farms... 68 278	55 477	1 326	9 192	10 396	10 948	15 237	8 378
	acres... 7 903 395	7 187 026	118 149	1 168 641	1 625 420	1 654 804	1 919 826	700 186
	bushels... 326 081 351	297 484 547	4 919 327	48 631 235	67 637 686	68 769 395	79 440 937	28 085 967
Irrigated	farms... 221	190	4	31	36	50	43	26
	acres... 20 304	18 409	162	2 659	3 276	5 075	5 207	2 030
Farms by acres harvested:								
1 to 24 acres	10 200	5 977	183	830	761	889	1 539	1 775
25 to 99 acres	28 626	21 868	716	3 704	3 404	3 673	6 065	4 306
100 to 249 acres	22 245	20 665	372	3 661	4 304	4 520	5 943	1 865
250 to 499 acres	6 197	5 991	48	870	1 645	1 575	1 483	370
500 acres or more	1 010	976	7	127	282	291	207	62
Irish potatoes	farms... 104	82	2	8	14	12	21	25
	acres... 1 998	1 937	(D)	(D)	476	258	687	450
	cwt... 336 981	318 112	(D)	(D)	84 511	36 165	115 555	69 060
Irrigated	farms... 20	19	1	3	2	5	5	3
	acres... 1 158	(D)	(D)	44	(D)	254	334	431
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms... 48 271	37 951	663	5 650	6 891	7 673	10 248	6 826
	acres... 1 968 207	1 735 153	23 037	255 765	343 104	383 515	467 836	261 896
	tons, dry... 5 612 944	5 047 422	63 470	753 725	1 034 592	1 172 248	1 345 199	678 188
Irrigated	farms... 45	36	1	7	7	5	9	7
	acres... 1 216	1 105	(D)	(D)	244	115	164	111
Farms by acres harvested:								
1 to 24 acres	22 645	15 400	338	2 313	2 626	2 840	4 039	3 244
25 to 99 acres	21 233	18 408	288	2 725	3 349	3 795	5 140	3 111
100 to 249 acres	4 085	3 849	34	583	647	965	990	430
250 to 499 acres	278	265	2	27	84	68	68	36
500 acres or more	30	29	1	2	5	5	11	5
Alfalfa hay	farms... 41 883	33 212	574	4 958	6 152	6 823	8 936	5 769
	acres... 1 380 550	1 211 566	16 369	176 218	241 724	271 426	326 093	179 736
	tons, dry... 4 444 233	3 985 540	51 602	596 345	826 767	933 666	1 050 703	526 457
Irrigated	farms... 31	26	1	7	5	4	4	5
	acres... 641	604	(D)	(D)	104	111	40	58

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED</b>							
Corn for grain or seed	farms.. 16 838	424	2 938	4 410	4 276	3 170	1 620
	acres.. 929 408	20 898	164 646	248 510	229 591	177 427	88 336
	bushels.. 110 213 854	2 497 419	19 831 895	29 605 944	26 984 323	20 967 557	10 326 716
Irrigated	farms.. 54	2	3	15	18	13	3
	acres.. 4 569	(D)	(D)	1 417	1 254	1 084	614
Farms by acres harvested:							
1 to 24 acres	6 081	145	930	1 545	1 650	1 206	605
25 to 99 acres	8 417	224	1 572	2 253	2 062	1 524	782
100 to 249 acres	2 009	52	387	527	491	353	199
250 to 499 acres	265	1	41	67	54	73	29
500 acres or more	66	2	8	18	19	14	5
Corn for silage or green chop	farms.. 532	5	65	124	129	133	76
	acres.. 11 324	32	1 351	2 021	2 890	2 756	2 274
	tons, green.. 162 389	375	17 437	29 359	41 931	39 551	33 736
Irrigated	farms.. -	-	-	-	-	-	-
	acres.. -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	395	5	51	104	95	92	48
25 to 99 acres	122	-	11	19	30	38	24
100 to 249 acres	14	-	3	1	3	3	4
250 to 499 acres	1	-	-	-	1	-	-
500 acres or more	-	-	-	-	-	-	-
Sorghum for grain or seed	farms.. 23	2	-	9	4	5	3
	acres.. 407	(D)	-	(D)	22	137	60
	bushels.. 22 317	(D)	-	(D)	1 252	11 212	4 460
Irrigated	farms.. -	-	-	-	-	-	-
	acres.. -	-	-	-	-	-	-
Wheat for grain	farms.. 214	2	37	62	48	42	23
	acres.. 4 359	(D)	(D)	1 315	742	755	675
	bushels.. 150 103	(D)	(D)	34 505	32 337	27 272	23 052
Irrigated	farms.. -	-	-	-	-	-	-
	acres.. -	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	175	2	27	52	42	36	16
25 to 99 acres	32	-	9	9	5	4	5
100 to 249 acres	6	-	1	-	1	2	2
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	1	-	-	1	-	-	-
Barley for grain	farms.. 32	-	4	8	10	10	-
	acres.. 367	-	47	122	112	86	-
	bushels.. 18 673	-	2 020	6 530	5 877	4 246	-
Irrigated	farms.. -	-	-	-	-	-	-
	acres.. -	-	-	-	-	-	-
Oats for grain	farms.. 2 958	75	500	815	742	557	269
	acres.. 44 879	1 085	7 038	11 552	11 615	8 986	4 603
	bushels.. 2 301 208	66 632	375 253	570 620	601 515	462 518	224 670
Irrigated	farms.. 2	-	1	-	-	1	-
	acres.. (D)	-	(D)	-	-	(D)	-
Farms by acres harvested:							
1 to 24 acres	2 507	61	440	695	633	470	208
25 to 99 acres	434	14	58	117	104	80	61
100 to 249 acres	16	-	2	3	4	7	-
250 to 499 acres	1	-	-	-	1	-	-
500 acres or more	-	-	-	-	-	-	-
Soybeans for beans	farms.. 12 801	328	2 288	3 338	3 160	2 413	1 274
	acres.. 716 389	14 790	126 541	196 493	174 795	132 396	71 354
	bushels.. 28 596 804	598 728	5 084 175	7 883 942	6 951 373	5 275 170	2 803 418
Irrigated	farms.. 31	-	4	6	10	9	2
	acres.. 1 895	-	133	179	644	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	4 223	116	682	1 028	1 093	874	430
25 to 99 acres	6 758	182	1 280	1 819	1 604	1 220	653
100 to 249 acres	1 580	29	299	418	405	262	167
250 to 499 acres	206	1	25	63	45	50	22
500 acres or more	34	-	2	10	13	7	2
Irish potatoes	farms.. 22	-	2	3	6	7	4
	acres.. 61	-	(D)	(D)	24	7	3
	cwt.. 18 869	-	(D)	(D)	10 578	1 531	700
Irrigated	farms.. 1	-	-	-	-	-	1
	acres.. (D)	-	-	-	-	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms.. 10 320	159	1 440	2 752	2 796	2 126	1 047
	acres.. 233 054	3 249	31 339	56 534	62 956	50 686	28 290
	tons, dry.. 565 522	7 923	77 712	136 844	154 945	122 129	65 969
Irrigated	farms.. 9	-	2	2	4	1	-
	acres.. 111	-	(D)	(D)	64	(D)	-
Farms by acres harvested:							
1 to 24 acres	7 245	117	1 040	2 011	1 960	1 444	673
25 to 99 acres	2 825	40	366	694	764	622	339
100 to 249 acres	236	2	31	44	69	57	33
250 to 499 acres	13	-	3	2	3	3	2
500 acres or more	1	-	-	1	-	-	-
Alfalfa hay	farms.. 8 671	129	1 181	2 331	2 399	1 815	816
	acres.. 168 984	2 305	21 714	42 015	46 805	37 036	19 109
	tons, dry.. 458 693	6 417	61 579	112 324	128 529	99 416	50 428
Irrigated	farms.. 5	-	1	1	2	1	-
	acres.. 37	-	(D)	(D)	(D)	(D)	-

See footnotes at end of table.





**Table 51. Summary by Size of Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS AND LAND IN FARMS</b>						
Farms ----- number .....	105 180	7 974	10 981	2 901	6 981	7 168
----- percent .....	100.0	7.6	10.4	2.8	6.6	6.8
Land in farms ----- acres .....	31 638 130	23 461	282 586	170 098	567 963	840 781
Average size of farm ----- acres .....	301	3	26	59	81	117
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>						
Total sales (see text) ----- farms .....	105 180	7 974	10 981	2 901	6 981	7 168
----- \$1,000 .....	8 926 799	298 772	280 825	51 610	149 945	203 563
Average per farm ----- dollars .....	84 872	37 468	23 752	17 790	21 479	28 399
<b>Farms by value of sales:</b>						
Less than \$1,000 (see text) -----	3 782	844	1 922	218	244	186
\$1,000 to \$2,499 -----	5 017	1 427	2 369	311	386	241
\$2,500 to \$4,999 -----	5 498	1 015	2 262	472	701	433
\$5,000 to \$9,999 -----	8 252	1 043	1 979	801	1 665	1 070
\$10,000 to \$19,999 -----	12 427	1 100	972	632	2 510	2 305
\$20,000 to \$24,999 -----	5 009	308	263	95	358	815
\$25,000 to \$39,999 -----	11 756	625	355	161	433	938
\$40,000 to \$49,999 -----	5 996	249	166	49	154	269
\$50,000 to \$99,999 -----	20 656	674	334	104	308	626
\$100,000 to \$249,999 -----	20 200	486	197	40	181	236
\$250,000 to \$499,999 -----	4 957	137	93	12	27	39
\$500,000 to \$999,999 -----	1 220	50	46	4	10	7
\$1,000,000 or more -----	410	16	23	2	4	3
<b>Grains</b>						
----- farms .....	81 042	499	4 566	1 717	5 198	5 509
----- \$1,000 .....	3 563 323	561	14 530	11 151	46 548	65 708
Sales of \$50,000 or more ----- farms .....	23 982	-	-	-	-	1
----- \$1,000 .....	2 507 136	-	-	-	-	(D)
<b>Corn for grain</b>						
----- farms .....	72 356	305	3 162	1 391	4 521	4 843
----- \$1,000 .....	1 961 527	287	7 757	6 105	25 381	36 438
<b>Wheat</b>						
----- farms .....	1 188	1	30	21	38	52
----- \$1,000 .....	2 726	(D)	32	32	44	82
<b>Soybeans</b>						
----- farms .....	68 166	205	2 393	1 129	3 850	4 207
----- \$1,000 .....	1 573 188	262	6 470	4 836	20 592	28 414
<b>Sorghum for grain</b>						
----- farms .....	57	-	3	1	-	3
----- \$1,000 .....	477	(D)	(D)	-	-	3
<b>Barley</b>						
----- farms .....	81	-	6	1	5	6
----- \$1,000 .....	116	-	(D)	(D)	3	8
<b>Oats</b>						
----- farms .....	11 842	35	352	150	495	712
----- \$1,000 .....	19 604	10	238	140	448	669
<b>Other grains</b>						
----- farms .....	677	4	21	12	21	27
----- \$1,000 .....	5 705	(D)	34	(D)	80	94
<b>Cotton and cottonseed</b>						
----- farms .....	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-
Sales of \$50,000 or more ----- farms .....	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-
<b>Tobacco</b>						
----- farms .....	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-
Sales of \$50,000 or more ----- farms .....	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-
<b>Hay, silage, and field seeds</b>						
----- farms .....	12 947	140	1 343	357	833	971
----- \$1,000 .....	46 480	69	1 343	547	1 697	2 222
Sales of \$50,000 or more ----- farms .....	30	-	-	-	-	-
----- \$1,000 .....	3 365	-	-	-	-	-
<b>Vegetables, sweet corn, and melons</b>						
----- farms .....	596	88	166	29	48	37
----- \$1,000 .....	7 541	173	973	(D)	545	294
Sales of \$50,000 or more ----- farms .....	13	-	1	2	2	1
----- \$1,000 .....	4 384	-	(D)	(D)	(D)	(D)
<b>Fruits, nuts, and berries</b>						
----- farms .....	371	51	143	23	32	35
----- \$1,000 .....	2 853	86	1 049	310	506	157
Sales of \$50,000 or more ----- farms .....	13	-	3	1	3	1
----- \$1,000 .....	1 390	-	295	(D)	393	(D)
<b>Nursery and greenhouse crops</b>						
----- farms .....	357	145	113	10	25	18
----- \$1,000 .....	38 241	14 058	9 991	166	1 077	970
Sales of \$50,000 or more ----- farms .....	111	51	32	2	5	6
----- \$1,000 .....	35 714	12 839	9 182	(D)	902	875
<b>Other crops</b>						
----- farms .....	99	8	29	1	8	10
----- \$1,000 .....	1 678	9	80	(D)	18	20
Sales of \$50,000 or more ----- farms .....	7	-	-	-	-	-
----- \$1,000 .....	1 259	-	-	-	-	-
<b>Poultry and poultry products</b>						
----- farms .....	3 643	494	567	112	272	302
----- \$1,000 .....	192 229	29 679	27 974	4 885	9 135	6 422
Sales of \$50,000 or more ----- farms .....	426	89	62	8	34	15
----- \$1,000 .....	186 495	28 893	27 257	4 755	8 747	5 953
<b>Dairy products</b>						
----- farms .....	7 048	318	258	111	311	567
----- \$1,000 .....	392 284	10 304	5 935	2 383	7 883	19 040
Sales of \$50,000 or more ----- farms .....	3 165	58	29	10	29	119
----- \$1,000 .....	294 998	4 899	2 154	640	2 383	8 889
<b>Cattle and calves</b>						
----- farms .....	50 509	3 193	3 663	1 207	2 670	3 373
----- \$1,000 .....	2 124 641	59 129	79 485	10 147	23 550	35 317
Sales of \$50,000 or more ----- farms .....	7 178	199	60	22	58	89
----- \$1,000 .....	1 590 392	36 169	60 422	2 544	6 134	8 676

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARMS AND LAND IN FARMS</b>							
Farms.....number.....	10 506	6 574	7 119	25 378	15 874	3 401	323
.....percent.....	10.0	6.3	6.8	24.1	15.1	3.2	.3
Land in farms.....acres.....	1 661 495	1 298 012	1 692 823	9 225 178	10 707 195	4 290 322	878 216
Average size of farm.....acres.....	158	197	238	364	675	1 261	2 719
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text).....farms.....	10 506	6 574	7 119	25 378	15 874	3 401	323
.....\$1,000.....	434 118	351 784	473 331	2 504 995	2 826 801	1 162 671	208 384
Average per farm.....dollars.....	41 321	53 511	66 488	98 707	178 077	341 861	645 151
<b>Farms by value of sales:</b>							
Less than \$1,000 (see text).....	135	75	39	97	19	3	-
\$1,000 to \$2,499.....	117	55	31	73	6	1	-
\$2,500 to \$4,999.....	285	129	69	121	11	-	-
\$5,000 to \$9,999.....	787	348	221	287	45	4	2
\$10,000 to \$19,999.....	2 168	1 013	666	934	116	11	-
\$20,000 to \$24,999.....	1 391	602	436	660	74	7	-
\$25,000 to \$39,999.....	2 669	1 656	1 665	2 847	393	13	1
\$40,000 to \$49,999.....	683	595	971	2 484	356	18	2
\$50,000 to \$99,999.....	1 413	1 286	1 807	9 915	3 982	194	13
\$100,000 to \$249,999.....	775	731	1 051	6 671	8 280	1 498	54
\$250,000 to \$499,999.....	62	68	128	1 059	2 028	1 178	126
\$500,000 to \$999,999.....	15	13	25	180	447	345	78
\$1,000,000 or more.....	6	3	10	50	117	129	47
Grains.....farms.....	8 925	5 566	6 357	23 684	15 389	3 322	310
.....\$1,000.....	155 639	112 116	165 821	1 006 917	1 316 397	563 667	104 269
Sales of \$50,000 or more.....farms.....	37	105	413	8 760	11 431	2 955	280
.....\$1,000.....	(D)	5 971	23 971	609 349	1 208 539	553 526	103 604
Corn for grain.....farms.....	7 967	4 982	5 706	21 629	14 416	3 129	285
.....\$1,000.....	82 916	61 303	89 040	538 272	728 244	322 671	63 112
Wheat.....farms.....	77	56	87	334	346	128	18
.....\$1,000.....	120	89	123	657	854	480	(D)
Soybeans.....farms.....	7 264	4 498	5 421	21 273	14 456	3 176	294
.....\$1,000.....	70 880	49 298	75 022	459 822	579 593	237 500	40 478
Sorghum for grain.....farms.....	4	6	5	17	9	8	1
.....\$1,000.....	15	34	12	67	60	249	(D)
Barley.....farms.....	10	7	7	30	6	3	-
.....\$1,000.....	13	4	10	56	8	9	-
Oats.....farms.....	1 332	930	1 028	3 974	2 370	435	29
.....\$1,000.....	1 536	1 184	1 436	6 680	5 475	1 598	190
Other grains.....farms.....	48	36	36	205	184	70	13
.....\$1,000.....	158	204	176	1 363	2 162	1 160	237
Cotton and cottonseed.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	1 279	893	951	3 435	2 199	492	54
.....\$1,000.....	3 791	2 803	3 217	13 453	11 387	4 062	1 888
Sales of \$50,000 or more.....farms.....	-	-	-	8	10	7	5
.....\$1,000.....	-	-	-	627	820	500	1 418
Vegetables, sweet corn, and melons.....farms.....	33	18	25	76	57	18	1
.....\$1,000.....	225	522	347	1 254	1 674	(D)	(D)
Sales of \$50,000 or more.....farms.....	-	2	3	5	10	4	-
.....\$1,000.....	-	(D)	206	692	1 255	1 176	-
Fruits, nuts, and berries.....farms.....	19	14	12	26	11	3	2
.....\$1,000.....	133	221	97	215	42	(D)	(D)
Sales of \$50,000 or more.....farms.....	1	2	1	1	-	-	-
.....\$1,000.....	(D)	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops.....farms.....	7	7	3	19	7	3	-
.....\$1,000.....	420	496	170	2 897	1 411	6 587	-
Sales of \$50,000 or more.....farms.....	1	4	1	5	3	1	-
.....\$1,000.....	(D)	449	(D)	2 831	1 391	(D)	-
Other crops.....farms.....	10	4	6	10	10	2	1
.....\$1,000.....	31	57	31	167	626	(D)	(D)
Sales of \$50,000 or more.....farms.....	-	1	-	1	2	2	1
.....\$1,000.....	-	(D)	-	(D)	(D)	(D)	(D)
Poultry and poultry products.....farms.....	369	205	229	747	300	43	3
.....\$1,000.....	8 285	17 597	8 657	56 102	16 877	5 658	957
Sales of \$50,000 or more.....farms.....	27	20	23	91	43	12	2
.....\$1,000.....	7 669	17 290	8 191	54 817	16 347	(D)	(D)
Dairy products.....farms.....	1 000	783	706	2 116	771	102	5
.....\$1,000.....	45 337	39 893	39 095	143 031	67 348	11 448	607
Sales of \$50,000 or more.....farms.....	380	344	336	1 250	535	70	5
.....\$1,000.....	28 871	27 771	28 893	118 722	60 667	10 501	607
Cattle and calves.....farms.....	4 818	3 526	3 707	13 459	8 772	1 930	191
.....\$1,000.....	78 177	61 484	97 585	516 961	735 408	351 106	76 292
Sales of \$50,000 or more.....farms.....	238	211	368	2 111	2 713	979	130
.....\$1,000.....	33 763	23 561	54 907	343 667	615 143	330 660	74 746

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>						
Total sales (see text)—Con.						
Hogs and pigs ----- farms..	38 638	3 841	2 295	554	1 475	1 902
\$1,000..	2 494 231	171 091	109 445	20 676	57 248	70 516
Sales of \$50,000 or more ----- farms..	15 528	906	440	99	300	397
\$1,000..	2 058 777	130 476	87 195	14 926	40 512	46 557
Sheep, lambs, and wool ----- farms..	8 922	1 093	1 378	292	512	565
\$1,000..	46 157	9 511	6 017	709	1 152	2 266
Sales of \$50,000 or more ----- farms..	77	6	9	-	1	8
\$1,000..	21 114	6 884	2 830	-	(D)	(D)
Other livestock and livestock products (see text) ----- farms..	3 417	653	838	148	245	249
\$1,000..	17 139	4 103	4 002	362	586	631
Sales of \$50,000 or more ----- farms..	60	13	20	-	2	3
\$1,000..	8 848	1 634	2 050	-	(D)	200
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
Total farm production expenses ----- farms..	105 184	7 673	11 095	2 799	7 071	7 406
\$1,000..	6 647 645	199 225	229 216	39 459	114 592	159 574
Average per farm ----- dollars..	63 200	25 964	20 659	14 098	16 206	21 547
Livestock and poultry purchased ----- farms..	46 066	4 315	4 083	938	2 023	2 456
\$1,000..	1 358 161	67 299	72 328	6 683	15 125	23 281
Farms with expenses of—						
\$1 to \$4,999 -----	20 895	2 558	2 834	642	1 263	1 442
\$5,000 to \$24,999 -----	14 932	1 222	888	250	604	769
\$25,000 to \$99,999 -----	7 811	437	306	39	148	226
\$100,000 or more -----	2 428	98	55	7	8	19
Feed for livestock and poultry ----- farms..	64 752	5 849	5 955	1 508	3 104	3 878
\$1,000..	1 101 866	66 681	67 399	7 515	24 517	30 933
Farms with expenses of—						
\$1 to \$4,999 -----	31 369	3 792	4 616	1 167	2 266	2 546
\$5,000 to \$24,999 -----	22 076	1 500	900	301	660	1 109
\$25,000 to \$99,999 -----	9 846	464	326	32	152	193
\$100,000 or more -----	1 461	93	113	8	26	30
Commercially mixed formula feeds ----- farms..	33 282	3 082	2 729	810	1 501	1 838
\$1,000..	475 104	33 880	30 614	3 146	13 372	15 671
Farms with expenses of—						
\$1 to \$4,999 -----	17 634	2 142	2 087	651	1 165	1 181
\$5,000 to \$24,999 -----	11 352	654	443	137	255	572
\$25,000 to \$79,999 -----	3 545	223	116	20	58	67
\$80,000 or more -----	751	63	73	2	23	18
Seeds, bulbs, plants, and trees ----- farms..	88 807	1 193	5 879	2 038	5 907	6 566
\$1,000..	308 197	942	2 614	1 255	4 918	7 177
Farms with expenses of—						
\$1 to \$999 -----	23 074	1 136	5 712	1 730	3 978	3 309
\$1,000 to \$4,999 -----	45 976	27	142	308	1 924	3 247
\$5,000 to \$24,999 -----	19 426	22	21	-	5	10
\$25,000 or more -----	331	6	4	-	-	-
Commercial fertilizer ----- farms..	83 067	666	4 715	1 728	5 320	5 946
\$1,000..	467 355	605	2 557	1 485	6 607	9 543
Farms with expenses of—						
\$1 to \$4,999 -----	51 929	649	4 710	1 728	5 253	5 766
\$5,000 to \$24,999 -----	29 100	7	4	-	67	180
\$25,000 to \$49,999 -----	1 788	8	1	-	-	-
\$50,000 or more -----	250	2	-	-	-	-
Agricultural chemicals ----- farms..	86 631	1 981	5 831	1 949	5 558	6 113
\$1,000..	309 894	671	2 058	1 158	4 592	6 741
Farms with expenses of—						
\$1 to \$4,999 -----	66 563	1 980	5 822	1 945	5 528	6 079
\$5,000 to \$24,999 -----	19 490	1	9	4	30	34
\$25,000 to \$49,999 -----	514	-	-	-	-	-
\$50,000 or more -----	64	-	-	-	-	-
Petroleum products ----- farms..	100 939	6 435	9 721	2 698	6 775	7 185
\$1,000..	315 061	7 562	7 136	2 056	6 354	8 891
Farms with expenses of—						
\$1 to \$4,999 -----	81 446	6 205	9 566	2 683	6 713	7 091
\$5,000 to \$24,999 -----	19 169	216	139	13	59	93
\$25,000 to \$49,999 -----	274	12	10	2	3	1
\$50,000 or more -----	50	2	6	-	-	-
Gasoline and gasohol ----- farms..	87 982	5 584	8 527	2 275	5 799	6 200
\$1,000..	105 047	3 458	3 848	1 188	3 363	4 476
Diesel fuel ----- farms..	73 400	1 971	3 001	1 177	3 710	4 349
\$1,000..	136 878	1 575	1 268	417	1 641	2 610
Natural gas ----- farms..	5 064	216	211	74	229	282
\$1,000..	6 637	607	276	93	127	139
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	86 862	4 062	5 101	1 699	4 868	5 819
\$1,000..	66 500	1 923	1 745	358	1 223	1 666

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Hogs and pigs							
farms	3 232	2 390	2 871	11 239	7 262	1 475	102
\$1,000	136 950	114 152	156 083	751 392	667 221	215 714	23 743
Sales of \$50,000 or more	900	774	1 069	5 244	4 263	1 055	81
farms	93 446	83 235	119 878	616 037	597 063	206 098	23 354
\$1,000							
Sheep, lambs, and wool							
farms	789	491	512	1 932	1 131	209	18
\$1,000	4 008	2 143	1 726	10 494	6 570	1 517	44
Sales of \$50,000 or more	5	4	3	21	17	3	-
farms	1 968	949	196	4 364	2 444	594	-
\$1,000							
Other livestock and livestock products (see text)							
farms	210	114	153	442	282	76	7
\$1,000	1 122	301	503	2 112	1 838	1 219	360
Sales of \$50,000 or more	4	2	1	5	6	3	1
farms	792	(D)	(D)	1 389	1 010	1 037	(D)
\$1,000							
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses							
farms	10 502	6 581	7 272	25 485	15 582	3 395	323
\$1,000	319 218	261 111	357 923	1 846 266	2 070 574	888 187	162 300
Average per farm	30 396	39 677	49 219	72 445	132 882	261 616	502 476
dollars							
Livestock and poultry purchased							
farms	3 765	2 583	3 432	12 380	8 123	1 787	181
\$1,000	51 259	39 744	63 993	333 206	426 961	214 460	43 821
Farms with expenses of—							
\$1 to \$4,999	2 070	1 200	1 482	4 689	2 395	297	23
\$5,000 to \$24,999	1 200	959	1 355	4 413	2 680	551	41
\$25,000 to \$99,999	432	381	514	2 678	2 103	496	51
\$100,000 or more	63	43	81	600	945	443	66
Feed for livestock and poultry							
farms	5 453	3 918	4 678	17 064	10 854	2 280	211
\$1,000	57 015	50 181	67 282	321 553	286 481	106 562	15 747
Farms with expenses of—							
\$1 to \$4,999	3 036	1 914	2 084	6 227	3 153	530	38
\$5,000 to \$24,999	1 848	1 502	1 797	7 347	4 270	776	66
\$25,000 to \$99,999	530	473	740	3 170	2 987	719	60
\$100,000 or more	39	29	57	320	444	255	47
Commercially mixed formula feeds							
farms	2 933	2 053	2 490	8 814	5 701	1 231	100
\$1,000	26 794	24 550	28 671	140 607	113 031	40 127	4 643
Farms with expenses of—							
\$1 to \$4,999	1 745	1 080	1 267	3 955	1 945	385	21
\$5,000 to \$24,999	1 016	822	975	3 561	2 443	441	33
\$25,000 to \$79,999	145	127	220	1 138	1 107	293	31
\$80,000 or more	27	24	28	160	206	112	15
Seeds, bulbs, plants, and trees							
farms	9 822	6 244	7 050	24 954	15 465	3 370	319
\$1,000	15 780	12 057	17 170	92 196	103 804	42 848	7 435
Farms with expenses of—							
\$1 to \$999	2 822	1 322	1 017	1 720	287	35	4
\$1,000 to \$4,999	6 936	4 771	5 693	17 425	5 103	369	31
\$5,000 to \$24,999	64	151	340	5 796	10 032	2 820	165
\$25,000 or more	-	-	-	13	43	146	119
Commercial fertilizer							
farms	9 132	5 940	6 687	24 100	15 174	3 342	317
\$1,000	20 461	16 850	24 200	138 796	165 720	68 192	12 339
Farms with expenses of—							
\$1 to \$4,999	8 516	5 048	5 006	12 232	2 833	174	14
\$5,000 to \$24,999	616	892	1 681	11 799	11 577	2 167	110
\$25,000 to \$49,999	-	-	-	68	728	869	114
\$50,000 or more	-	-	-	1	36	132	79
Agricultural chemicals							
farms	9 360	5 991	6 807	24 226	15 174	3 332	309
\$1,000	14 989	11 336	16 206	89 613	108 641	45 589	8 298
Farms with expenses of—							
\$1 to \$4,999	9 205	5 736	6 240	17 999	5 540	458	31
\$5,000 to \$24,999	155	255	567	6 223	9 485	2 583	144
\$25,000 to \$49,999	-	-	-	4	143	268	99
\$50,000 or more	-	-	-	-	6	23	35
Petroleum products							
farms	10 137	6 437	7 168	25 207	15 484	3 372	320
\$1,000	17 750	13 949	19 213	92 851	96 796	36 324	6 178
Farms with expenses of—							
\$1 to \$4,999	9 865	6 033	6 472	19 813	6 543	439	23
\$5,000 to \$24,999	268	403	693	5 380	8 878	2 807	220
\$25,000 to \$49,999	2	1	3	8	56	119	57
\$50,000 or more	2	-	-	6	7	7	20
Gasoline and gasohol							
farms	8 789	5 828	6 230	21 884	13 618	2 954	294
\$1,000	8 234	6 146	7 469	30 216	26 189	8 876	1 584
Diesel fuel							
farms	7 350	4 915	6 116	22 645	14 652	3 213	301
\$1,000	5 808	4 849	7 398	40 802	48 221	19 060	3 229
Natural gas							
farms	372	199	387	1 631	1 081	351	31
\$1,000	194	210	361	2 028	1 730	736	137
LP gas, fuel oil, kerosene, motor oil, grease, etc.							
farms	9 061	5 868	6 845	24 560	15 312	3 349	318
\$1,000	3 515	2 745	3 985	19 806	20 656	7 651	1 227

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
—Con.						
Total farm production expenses—Con.						
Electricity ----- farms.....	90 255	5 840	7 676	1 919	5 215	5 926
..... \$1,000.....	126 591	5 035	5 251	1 279	3 347	4 717
Farms with expenses of—						
\$1 to \$999 .....	47 918	4 482	6 658	1 620	4 300	4 514
\$1,000 to \$4,999 .....	39 358	1 258	902	281	897	1 368
\$5,000 to \$24,999 .....	2 896	86	103	17	13	42
\$25,000 or more .....	83	14	13	1	5	2
Hired farm labor ----- farms.....	49 121	2 092	2 673	837	2 115	2 709
..... \$1,000.....	282 515	9 069	12 999	1 702	3 270	3 809
Farms with expenses of—						
\$1 to \$4,999 .....	37 600	1 842	2 376	792	2 023	2 566
\$5,000 to \$24,999 .....	8 880	154	173	24	75	122
\$25,000 to \$99,999 .....	2 443	82	94	19	12	20
\$100,000 or more .....	198	14	30	2	5	1
Contract labor ----- farms.....	8 078	362	612	188	394	346
..... \$1,000.....	21 032	795	1 456	265	735	492
Farms with expenses of—						
\$1 to \$999 .....	3 846	237	468	131	254	213
\$1,000 to \$4,999 .....	3 123	94	103	46	110	119
\$5,000 to \$24,999 .....	1 032	27	35	10	20	13
\$25,000 or more .....	77	4	6	1	10	1
Repair and maintenance ----- farms.....	91 920	5 620	8 002	2 164	5 493	6 242
..... \$1,000.....	407 270	8 943	10 741	2 692	8 710	12 650
Farms with expenses of—						
\$1 to \$4,999 .....	63 247	5 188	7 650	2 093	5 240	5 697
\$5,000 to \$24,999 .....	27 602	415	327	68	247	540
\$25,000 to \$49,999 .....	905	13	16	2	4	4
\$50,000 or more .....	166	4	9	1	2	1
Customwork, machine hire, and rental of machinery and equipment ----- farms.....	57 354	2 180	4 267	1 364	3 625	4 071
..... \$1,000.....	133 395	1 636	2 565	1 302	4 304	5 838
Farms with expenses of—						
\$1 to \$999 .....	25 122	1 721	3 621	980	2 050	2 079
\$1,000 to \$4,999 .....	25 700	402	621	375	1 492	1 839
\$5,000 to \$24,999 .....	6 238	36	21	9	83	151
\$25,000 or more .....	294	1	4	-	-	2
Interest expense ----- farms.....	67 262	3 506	4 756	1 322	3 457	4 003
..... \$1,000.....	579 338	7 654	13 168	3 781	10 053	13 049
Farms with expenses of—						
\$1 to \$4,999 .....	37 493	3 167	4 197	1 061	2 798	3 238
\$5,000 to \$24,999 .....	24 442	308	515	256	649	734
\$25,000 to \$99,999 .....	5 121	31	41	5	9	31
\$100,000 or more .....	206	-	3	-	1	-
Secured by real estate ----- farms.....	44 371	2 180	3 336	849	2 320	2 561
..... \$1,000.....	390 226	3 913	8 672	2 844	7 393	9 086
Farms with expenses of—						
\$1 to \$999 .....	6 684	1 185	976	143	620	684
\$1,000 to \$4,999 .....	16 369	840	2 050	512	1 204	1 286
\$5,000 to \$24,999 .....	17 889	147	290	190	493	588
\$25,000 or more .....	3 429	8	20	4	3	3
Not secured by real estate ----- farms.....	41 208	1 962	2 435	733	1 840	2 205
..... \$1,000.....	189 113	3 741	4 496	937	2 660	3 963
Farms with expenses of—						
\$1 to \$999 .....	13 476	1 169	1 540	463	1 105	1 176
\$1,000 to \$4,999 .....	16 664	634	741	238	633	858
\$5,000 to \$24,999 .....	10 034	143	131	31	99	161
\$25,000 or more .....	1 034	16	23	1	3	10
Cash rent ----- farms.....	41 375	450	1 297	709	1 382	1 913
..... \$1,000.....	492 800	970	2 615	1 465	4 529	8 177
Farms with expenses of—						
\$1 to \$4,999 .....	15 835	428	1 261	625	956	1 209
\$5,000 to \$9,999 .....	8 684	5	15	84	414	556
\$10,000 to \$24,999 .....	11 593	7	17	-	10	144
\$25,000 or more .....	5 263	10	4	-	2	4
Property taxes ----- farms.....	87 431	7 006	9 687	2 253	5 943	5 980
..... \$1,000.....	230 810	3 623	7 609	2 310	7 448	9 404
Farms with expenses of—						
\$1 to \$4,999 .....	75 206	6 926	9 636	2 238	5 901	5 926
\$5,000 to \$9,999 .....	9 596	65	42	14	40	50
\$10,000 to \$24,999 .....	2 474	14	9	-	2	4
\$25,000 or more .....	155	1	-	1	-	-
All other farm production expenses ----- farms.....	101 919	6 980	9 673	2 556	6 694	7 200
..... \$1,000.....	513 358	17 739	18 720	4 490	10 083	14 871
Farms with expenses of—						
\$1 to \$4,999 .....	73 591	6 325	9 236	2 449	6 353	6 577
\$5,000 to \$24,999 .....	25 444	565	353	99	327	589
\$25,000 to \$49,999 .....	2 166	83	39	4	9	24
\$50,000 or more .....	718	27	45	4	5	10

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
—Con.							
Total farm production expenses—Con.							
Electricity----- farms...	8 904	5 846	6 608	23 726	14 982	3 302	311
\$1,000...	8 314	7 005	8 387	37 406	32 847	11 281	1 721
Farms with expenses of—							
\$1 to \$999.....	5 915	3 373	3 451	9 533	3 624	408	40
\$1,000 to \$4,999.....	2 943	2 391	3 088	13 481	10 339	2 251	159
\$5,000 to \$24,999.....	44	81	68	699	1 005	631	107
\$25,000 or more.....	2	1	1	13	14	12	5
Hired farm labor----- farms...	4 092	3 039	3 477	14 309	10 741	2 747	290
\$1,000...	7 721	8 413	9 627	62 419	90 619	59 291	13 575
Farms with expenses of—							
\$1 to \$4,999.....	3 784	2 700	2 963	11 198	6 576	750	30
\$5,000 to \$24,999.....	272	308	460	2 687	3 265	1 234	106
\$25,000 to \$99,999.....	34	29	49	402	857	724	121
\$100,000 or more.....	2	2	5	22	43	39	33
Contract labor----- farms...	660	427	475	2 171	1 779	593	71
\$1,000...	866	642	968	5 159	6 140	2 935	560
Farms with expenses of—							
\$1 to \$999.....	467	256	241	977	475	120	7
\$1,000 to \$4,999.....	153	149	176	964	924	261	24
\$5,000 to \$24,999.....	40	21	56	214	363	197	36
\$25,000 or more.....	-	1	2	16	17	15	4
Repair and maintenance----- farms...	9 238	5 920	6 717	23 945	14 932	3 328	319
\$1,000...	25 009	18 976	24 795	120 389	122 926	44 658	6 780
Farms with expenses of—							
\$1 to \$4,999.....	7 852	4 683	4 993	14 437	4 888	479	47
\$5,000 to \$24,999.....	1 365	1 229	1 712	9 391	9 651	2 486	171
\$25,000 to \$49,999.....	18	7	11	103	340	315	72
\$50,000 or more.....	3	1	1	14	53	48	29
Customwork, machine hire, and rental of machinery and equipment----- farms...	6 224	4 055	4 458	15 289	9 602	2 036	203
\$1,000...	11 900	8 577	9 079	38 883	35 353	11 705	2 252
Farms with expenses of—							
\$1 to \$999.....	2 621	1 578	1 837	5 654	2 599	363	19
\$1,000 to \$4,999.....	3 096	2 111	2 252	7 427	4 980	1 021	84
\$5,000 to \$24,999.....	499	366	367	2 182	1 864	580	80
\$25,000 or more.....	8	-	2	26	159	72	20
Interest expense----- farms...	5 926	4 138	4 781	18 882	13 182	3 013	296
\$1,000...	24 679	20 335	29 132	158 287	198 581	84 625	15 994
Farms with expenses of—							
\$1 to \$4,999.....	4 196	2 679	2 890	8 867	3 864	514	22
\$5,000 to \$24,999.....	1 693	1 405	1 768	8 900	6 803	1 307	104
\$25,000 to \$99,999.....	36	54	123	1 106	2 462	1 099	124
\$100,000 or more.....	1	-	-	9	53	93	46
Secured by real estate----- farms...	3 584	2 558	2 939	12 084	9 427	2 297	236
\$1,000...	17 497	12 960	19 830	106 991	135 124	55 176	10 740
Farms with expenses of—							
\$1 to \$999.....	623	456	423	1 033	452	86	3
\$1,000 to \$4,999.....	1 688	1 117	1 137	4 056	2 112	340	27
\$5,000 to \$24,999.....	1 257	957	1 293	6 307	5 209	1 079	79
\$25,000 or more.....	16	28	86	688	1 654	792	127
Not secured by real estate----- farms...	3 698	2 585	3 013	12 045	8 443	2 049	200
\$1,000...	7 182	7 375	9 302	51 296	63 457	29 449	5 254
Farms with expenses of—							
\$1 to \$999.....	1 633	958	1 037	3 059	1 179	154	3
\$1,000 to \$4,999.....	1 766	1 223	1 392	5 492	3 185	481	21
\$5,000 to \$24,999.....	296	393	571	3 353	3 683	1 066	107
\$25,000 or more.....	3	11	13	141	396	348	69
Cash rent----- farms...	3 174	2 354	2 824	13 625	10 832	2 570	245
\$1,000...	19 110	15 118	22 622	143 453	184 012	77 262	13 468
Farms with expenses of—							
\$1 to \$4,999.....	1 569	1 143	1 157	4 422	2 654	388	23
\$5,000 to \$9,999.....	871	635	677	3 184	1 911	306	26
\$10,000 to \$24,999.....	710	549	965	4 875	3 533	724	59
\$25,000 or more.....	24	27	25	1 144	2 734	1 152	137
Property taxes----- farms...	8 204	5 301	5 677	20 655	13 363	3 061	301
\$1,000...	16 091	12 202	15 369	66 774	63 515	22 106	4 359
Farms with expenses of—							
\$1 to \$4,999.....	8 063	5 022	5 113	16 698	8 188	1 402	93
\$5,000 to \$9,999.....	125	250	549	3 666	3 858	875	62
\$10,000 to \$24,999.....	16	27	15	286	1 294	709	98
\$25,000 or more.....	-	2	-	5	23	75	48
All other farm production expenses----- farms...	10 358	6 504	7 243	25 415	15 578	3 395	323
\$1,000...	28 273	25 726	29 879	145 281	148 177	60 347	9 772
Farms with expenses of—							
\$1 to \$4,999.....	8 896	5 235	5 491	16 058	6 232	699	40
\$5,000 to \$24,999.....	1 415	1 208	1 660	8 748	8 277	2 044	159
\$25,000 to \$49,999.....	39	54	80	493	827	464	70
\$50,000 or more.....	8	7	12	116	242	188	54

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>						
All farms.....number...	105 184	7 673	11 095	2 799	7 071	7 406
Average per farm.....\$1,000...	2 146 997	68 261	36 071	7 022	27 042	46 310
.....dollars...	20 412	8 896	3 251	2 509	3 824	6 253
Farms with net gains <sup>2</sup> .....number...	74 987	4 450	4 967	1 502	4 198	4 800
Average net gain.....dollars...	31 660	17 846	11 548	8 448	9 345	12 420
Gain of—						
Less than \$1,000.....	4 767	900	1 373	235	409	351
\$1,000 to \$9,999.....	22 906	1 990	2 595	1 041	2 906	2 728
\$10,000 to \$49,999.....	33 147	1 192	797	205	790	1 546
\$50,000 or more.....	14 167	368	202	21	93	175
Farms with net losses.....number...	30 197	3 223	6 128	1 297	2 873	2 606
Average net loss.....dollars...	7 521	3 460	3 474	4 369	4 242	5 105
Loss of—						
Less than \$1,000.....	4 943	979	1 556	193	517	363
\$1,000 to \$9,999.....	18 984	2 054	4 274	1 033	2 124	1 945
\$10,000 to \$49,999.....	5 889	184	286	71	231	288
\$50,000 or more.....	381	6	12	-	1	10
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>						
Government payments.....farms...	75 203	938	2 599	1 332	4 364	4 847
.....\$1,000...	1 153 713	3 586	4 891	3 609	16 348	24 375
Other farm-related income <sup>1</sup> .....farms...	30 370	1 526	2 501	589	1 547	1 817
.....\$1,000...	132 008	7 862	10 406	2 227	6 677	6 320
Customwork and other agricultural services.....farms...	15 001	378	553	205	503	621
.....\$1,000...	61 977	1 199	1 035	607	1 605	1 678
Gross cash rent or share payments.....farms...	8 633	946	1 586	302	701	777
.....\$1,000...	58 000	6 485	8 749	1 581	4 726	4 229
Forest products and Christmas trees.....farms...	710	39	76	-	80	57
.....\$1,000...	1 876	32	219	-	108	87
Other farm-related income sources.....farms...	11 908	341	535	149	533	628
.....\$1,000...	10 156	146	403	38	238	325
<b>COMMODITY CREDIT CORPORATION LOANS</b>						
Total.....farms...	51 178	66	766	526	2 183	2 522
.....\$1,000...	1 598 775	1 221	2 287	2 376	13 425	21 201
Corn.....farms...	50 551	13	739	511	2 128	2 481
.....\$1,000...	1 298 123	12	1 987	2 049	11 698	18 357
Wheat.....farms...	61	-	1	-	1	2
.....\$1,000...	127	(D)	(D)	-	(D)	(D)
Soybeans.....farms...	14 094	1	74	77	369	450
.....\$1,000...	298 747	(D)	(D)	(D)	1 722	2 841
Sorghum, barley, and oats.....farms...	86	-	-	-	4	2
.....\$1,000...	190	-	-	-	(D)	(D)
Cotton.....farms...	-	-	-	-	-	-
.....\$1,000...	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....farms...	70	53	8	2	1	1
.....\$1,000...	1 587	(D)	76	(D)	(D)	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>						
Total cropland.....farms...	96 749	1 947	9 278	2 740	6 794	7 013
.....acres...	27 290 868	7 618	181 989	122 890	449 455	678 438
Harvested cropland.....farms...	92 878	1 373	7 873	2 463	6 397	6 699
.....acres...	20 484 178	4 938	126 800	84 171	324 340	479 587
Farms by acres harvested:						
1 to 49 acres.....	17 548	1 373	7 873	1 843	2 549	1 568
50 to 99 acres.....	13 956	-	-	620	3 848	3 952
100 to 199 acres.....	23 454	-	-	-	-	1 179
200 to 499 acres.....	29 005	-	-	-	-	-
500 to 999 acres.....	7 723	-	-	-	-	-
1,000 to 1,999 acres.....	1 114	-	-	-	-	-
2,000 acres or more.....	78	-	-	-	-	-
Cropland:						
Pasture or grazing only.....farms...	36 766	661	3 084	862	2 010	2 590
.....acres...	2 283 547	2 250	37 686	19 628	50 471	84 836
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms...	27 088	67	918	498	1 675	1 893
.....acres...	1 670 711	178	7 519	7 772	30 921	48 169
On which all crops failed.....farms...	1 640	27	132	58	126	127
.....acres...	45 013	54	870	742	2 016	1 714
In cultivated summer fallow.....farms...	844	4	44	27	48	81
.....acres...	45 160	7	288	451	918	2 212
Idle.....farms...	42 114	70	1 063	699	2 376	2 611
.....acres...	2 762 259	191	8 826	10 126	40 789	61 920
Total woodland.....farms...	24 782	252	2 181	867	1 640	2 063
.....acres...	1 316 448	667	24 090	18 878	40 799	63 793
Woodland pastured.....farms...	14 393	140	1 153	464	899	1 162
.....acres...	774 976	372	13 308	9 483	21 804	36 417
Woodland not pastured.....farms...	14 477	130	1 207	521	945	1 165
.....acres...	541 472	295	10 782	9 395	18 995	27 376

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>							
All farms.....number.....	10 502	6 581	7 272	25 485	15 582	3 395	323
.....\$1,000.....	101 636	84 860	130 660	649 236	692 083	257 730	46 084
Average per farm.....dollars.....	9 678	12 895	17 968	25 475	44 416	75 915	142 675
Farms with net gains <sup>2</sup> .....number.....	7 581	4 724	5 639	20 822	13 125	2 888	291
Average net gain.....dollars.....	15 742	20 761	25 539	33 835	56 233	95 084	162 139
Gain of—							
Less than \$1,000.....	528	198	166	392	193	18	4
\$1,000 to \$9,999.....	3 199	1 671	1 455	3 862	1 311	127	21
\$10,000 to \$49,999.....	3 487	2 454	3 378	12 464	5 922	851	61
\$50,000 or more.....	367	401	640	4 104	5 699	1 892	205
Farms with net losses.....number.....	2 921	1 857	1 633	4 663	2 457	507	32
Average net loss.....dollars.....	6 062	7 116	8 179	11 855	18 712	33 280	34 327
Loss of—							
Less than \$1,000.....	359	219	163	453	133	8	-
\$1,000 to \$9,999.....	2 020	1 211	1 018	2 278	912	105	10
\$10,000 to \$49,999.....	542	419	445	1 862	1 257	290	14
\$50,000 or more.....	-	8	7	70	155	104	8
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>							
Government payments.....farms.....	8 195	5 239	6 066	23 030	15 066	3 231	296
.....\$1,000.....	56 181	42 361	58 592	342 196	417 893	160 503	24 367
Other farm-related income <sup>1</sup> .....farms.....	2 679	1 776	2 130	8 673	5 838	1 201	93
.....\$1,000.....	10 063	6 694	8 842	32 427	30 280	8 824	1 387
Customwork and other agricultural services.....farms.....	1 084	828	1 086	5 002	3 876	809	56
.....\$1,000.....	3 775	2 740	4 143	19 050	19 731	5 704	709
Gross cash rent or share payments.....farms.....	701	437	473	1 573	888	224	25
.....\$1,000.....	5 369	3 198	4 113	9 989	6 954	2 125	481
Forest products and Christmas trees.....farms.....	59	81	38	120	123	31	6
.....\$1,000.....	334	142	30	174	498	199	54
Other farm-related income sources.....farms.....	1 238	815	995	3 811	2 331	499	33
.....\$1,000.....	585	614	557	3 213	3 097	796	143
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total.....farms.....	4 928	3 345	4 095	17 526	12 373	2 621	227
.....\$1,000.....	56 475	45 174	68 070	451 618	627 002	261 242	48 682
Corn.....farms.....	4 847	3 309	4 043	17 361	12 291	2 601	227
.....\$1,000.....	47 019	38 024	56 769	370 354	504 019	208 876	38 959
Wheat.....farms.....	3	2	6	21	18	6	1
.....(D).....	(D)	(D)	(D)	(D)	58	9	(D)
Soybeans.....farms.....	1 067	727	1 014	4 835	4 349	1 040	91
.....\$1,000.....	9 418	7 142	11 267	81 145	122 649	52 293	(D)
Sorghum, barley, and oats.....farms.....	7	3	11	33	17	8	1
.....\$1,000.....	3	3	22	74	(D)	64	(D)
Cotton.....farms.....	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....farms.....	1	1	1	1	1	-	-
.....\$1,000.....	(D)	(D)	(D)	(D)	(D)	-	-
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland.....farms.....	10 440	6 516	7 099	25 336	15 866	3 399	321
.....acres.....	1 412 028	1 090 023	1 463 531	8 041 586	9 441 073	3 743 269	658 968
Harvested cropland.....farms.....	10 135	6 344	6 979	25 092	15 812	3 391	320
.....acres.....	1 044 568	794 890	1 091 180	6 045 183	7 115 018	2 862 824	510 679
Farms by acres harvested:							
1 to 49 acres.....	1 001	479	287	481	84	9	1
50 to 99 acres.....	2 617	1 082	680	981	155	20	1
100 to 199 acres.....	6 517	4 672	4 849	5 596	609	28	4
200 to 499 acres.....	-	111	1 163	18 034	9 360	316	21
500 to 999 acres.....	-	-	-	-	5 604	2 073	46
1,000 to 1,999 acres.....	-	-	-	-	-	945	169
2,000 acres or more.....	-	-	-	-	-	-	78
Cropland:							
Pasture or grazing only.....farms.....	3 760	2 621	2 905	10 296	6 487	1 373	117
.....acres.....	136 389	117 816	133 975	667 814	718 832	270 407	43 443
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms.....	3 003	1 910	2 202	8 286	5 386	1 147	103
.....acres.....	95 240	73 021	94 334	510 273	566 465	207 846	28 973
On which all crops failed.....farms.....	177	126	118	361	286	93	9
.....acres.....	3 183	2 899	2 692	9 622	13 180	7 141	920
In cultivated summer fallow.....farms.....	86	88	71	216	149	23	7
.....acres.....	2 266	2 780	3 881	12 525	15 107	2 518	2 207
Idle.....farms.....	4 509	2 702	3 407	13 140	9 205	2 126	206
.....acres.....	130 402	98 617	137 469	796 169	1 012 471	392 533	72 746
Total woodland.....farms.....	2 302	1 880	1 780	6 460	4 159	1 074	124
.....acres.....	81 387	79 251	76 737	380 085	359 669	152 423	38 669
Woodland pastured.....farms.....	1 296	1 128	1 039	3 928	2 504	608	72
.....acres.....	45 088	45 753	44 353	235 385	214 864	84 957	23 192
Woodland not pastured.....farms.....	1 358	1 064	1 025	3 755	2 522	713	72
.....acres.....	36 299	33 498	32 384	144 700	144 805	67 466	15 477

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>						
Pastureland and rangeland other than cropland and woodland pastured	farms.. 22 415	553	2 283	592	1 381	1 457
	acres.. 1 452 248	1 919	30 959	13 784	35 147	47 655
Land in house lots, ponds, roads, wasteland, etc.	farms.. 79 586	7 090	7 818	1 854	4 959	4 994
	acres.. 1 578 566	13 257	45 548	14 546	42 562	50 895
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs	farms.. 69 141	44	1 653	984	3 673	4 166
	acres.. 3 560 902	50	8 753	8 711	44 003	66 228
Conservation reserve program	farms.. 8 050	1	204	146	498	551
	acres.. 697 896	(D)	(D)	3 837	17 135	26 383
Value of land and buildings <sup>1</sup>	farms.. 105 184	7 673	11 095	2 799	7 071	7 406
	\$1,000.. 29 829 901	272 887	640 643	203 793	662 361	803 895
Average per farm	dollars.. 283 597	35 565	57 742	72 809	93 673	108 546
Average per acre	dollars.. 947	11 592	2 228	1 229	1 149	923
Farms by value group:						
\$1 to \$39,999	13 227	5 611	5 009	856	789	552
\$40,000 to \$69,999	11 020	1 215	3 334	1 037	2 117	1 488
\$70,000 to \$99,999	9 152	436	1 433	441	2 247	1 385
\$100,000 to \$149,999	12 468	195	760	261	1 270	2 657
\$150,000 to \$199,999	9 769	68	253	97	332	799
\$200,000 to \$499,999	31 637	104	262	84	210	499
\$500,000 to \$999,999	14 045	27	29	13	90	19
\$1,000,000 to \$1,999,999	3 466	14	14	9	16	7
\$2,000,000 to \$4,999,999	380	1	-	1	-	-
\$5,000,000 or more	20	2	1	-	-	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Estimated market value of all machinery and equipment	farms.. 104 901	7 639	10 997	2 787	7 032	7 394
	\$1,000.. 5 543 375	150 363	170 891	51 148	155 790	197 146
Farms by value group:						
\$1 to \$4,999	6 659	1 521	2 232	336	812	546
\$5,000 to \$9,999	12 872	2 544	4 108	760	1 586	1 271
\$10,000 to \$19,999	15 609	1 428	2 218	834	1 975	2 042
\$20,000 to \$49,999	28 782	1 411	1 789	667	1 914	2 439
\$50,000 to \$99,999	22 911	468	450	159	493	834
\$100,000 to \$199,999	14 193	203	176	28	234	221
\$200,000 to \$499,999	3 763	64	22	1	18	41
\$500,000 or more	112	-	2	2	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Motortrucks, including pickups	farms.. 93 674	6 290	8 779	2 297	5 669	6 203
	number.. 143 433	8 010	11 175	2 952	7 454	8 152
Wheel tractors	farms.. 97 120	5 924	9 378	2 526	6 358	6 850
	number.. 302 392	12 256	18 682	5 409	15 402	18 135
Less than 40 horsepower (PTO)	farms.. 48 200	3 449	5 768	1 372	3 299	3 708
	number.. 79 062	4 870	9 060	2 330	5 461	6 086
40 horsepower (PTO) or more	farms.. 85 755	3 958	6 097	1 936	5 180	5 890
	number.. 223 330	7 386	9 622	3 279	9 941	12 049
Grain and bean combines	farms.. 55 575	1 172	1 524	798	2 295	2 736
	number.. 60 004	1 251	1 673	819	2 467	2 887
Cottonpickers and strippers	farms.. -	-	-	-	-	-
	number.. -	-	-	-	-	-
Mower conditioners	farms.. 29 756	966	1 472	612	1 486	1 858
	number.. 31 333	1 010	1 547	631	1 561	1 883
Pickup balers	farms.. 40 640	1 330	2 331	897	2 095	2 830
	number.. 46 867	1 465	2 521	965	2 260	3 162
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>						
Commercial fertilizer	farms.. 83 051	660	4 715	1 728	5 310	5 946
	acres on which used.. 13 313 702	2 364	73 731	48 830	205 154	310 634
Lime	farms.. 17 823	53	631	251	882	1 100
	acres on which used.. 1 219 181	233	8 878	5 711	28 765	37 887
	tons.. 2 846 408	589	22 056	14 300	69 245	90 914
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops	farms.. 41 361	313	2 090	696	2 211	2 579
	acres on which used.. 4 910 343	844	29 748	16 310	81 516	109 299
Nematodes in crops	farms.. 2 548	2	121	76	137	173
	acres on which used.. 267 277	(D)	(D)	1 990	4 888	7 810
Diseases in crops and orchards	farms.. 1 330	66	189	29	117	103
	acres on which used.. 112 420	119	1 780	1 318	5 518	4 428
Weeds, grass, or brush in crops and pasture	farms.. 70 486	574	4 136	1 439	4 357	4 946
	acres on which used.. 14 709 093	2 174	68 200	46 926	198 283	313 431
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms.. 1 066	8	76	41	90	117
	acres on which used.. 120 779	11	1 903	1 007	2 382	6 255

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Pastureland and rangeland other than cropland and woodland pastured	farms... 2 121	1 465	1 513	5 876	4 071	953	150
	acres... 72 561	60 317	65 520	351 514	420 964	205 598	146 310
Land in house lots, ponds, roads, wasteland, etc.	farms... 7 833	4 804	5 461	19 478	12 376	2 672	247
	acres... 95 519	68 421	87 035	451 993	485 489	189 032	34 269
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs	farms... 7 485	4 833	5 752	22 224	14 843	3 199	285
	acres... 159 698	122 069	177 277	1 069 450	1 336 584	493 810	74 269
Conservation reserve program	farms... 739	524	545	2 235	1 919	602	86
	acres... 46 570	37 485	41 502	194 990	210 286	93 512	23 377
Value of land and buildings <sup>1</sup>	farms... 10 502	6 581	7 272	25 485	15 582	3 395	323
	\$1,000... 1 627 048	1 190 512	1 607 286	8 569 257	9 642 501	3 841 773	767 945
Average per farm	dollars... 154 927	180 901	221 024	336 247	618 823	1 131 597	2 377 539
Average per acre	dollars... 978	914	931	923	921	901	874
Farms by value group:							
\$1 to \$39,999	201	63	71	75	-	-	-
\$40,000 to \$69,999	879	378	237	316	19	-	-
\$70,000 to \$99,999	1 388	673	415	671	62	1	-
\$100,000 to \$149,999	2 715	1 339	1 255	1 804	205	7	-
\$150,000 to \$199,999	3 007	1 687	1 049	2 131	343	3	-
\$200,000 to \$499,999	2 234	2 353	4 120	16 820	4 670	274	7
\$500,000 to \$999,999	70	80	117	3 591	8 852	1 138	19
\$1,000,000 to \$1,999,999	7	8	8	74	1 414	1 773	122
\$2,000,000 to \$4,999,999	-	-	-	2	17	197	162
\$5,000,000 or more	1	-	-	1	-	2	13
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment	farms... 10 472	6 574	7 252	25 464	15 573	3 395	322
	\$1,000... 353 669	266 361	347 909	1 651 880	1 576 073	546 649	75 495
Farms by value group:							
\$1 to \$4,999	468	176	162	341	61	3	1
\$5,000 to \$9,999	1 002	548	324	594	130	5	-
\$10,000 to \$19,999	2 275	1 358	966	1 967	497	46	3
\$20,000 to \$49,999	4 367	2 589	3 005	8 061	2 334	188	18
\$50,000 to \$99,999	1 850	1 352	1 982	9 360	5 316	617	30
\$100,000 to \$199,999	460	486	740	4 353	5 746	1 436	110
\$200,000 to \$499,999	48	64	73	776	1 454	1 067	135
\$500,000 or more	2	1	-	12	35	33	25
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Motortrucks, including pickups	farms... 9 072	5 918	6 622	24 071	15 091	3 341	321
	number... 11 797	8 021	9 139	36 699	29 098	9 557	1 379
Wheel tractors	farms... 9 777	6 243	6 886	24 385	15 167	3 310	316
	number... 27 567	18 794	22 390	84 334	60 932	16 533	1 958
Less than 40 horsepower (PTO)	farms... 4 836	3 004	3 363	11 038	6 797	1 442	124
	number... 7 746	4 768	5 487	18 560	11 772	2 797	325
40 horsepower (PTO) or more	farms... 8 757	5 707	6 573	23 430	14 684	3 234	309
	number... 19 821	14 026	16 903	65 774	49 160	13 736	1 633
Grain and bean combines	farms... 4 876	3 376	4 439	18 021	13 026	3 023	289
	number... 5 111	3 669	4 794	19 080	14 193	3 617	443
Cottonpickers and strippers	farms... -	-	-	-	-	-	-
	number... -	-	-	-	-	-	-
Mower conditioners	farms... 2 805	2 355	2 421	8 551	5 660	1 441	129
	number... 2 924	2 463	2 531	8 917	6 107	1 590	169
Pickup balers	farms... 4 230	3 179	3 094	11 561	7 427	1 523	143
	number... 4 643	3 679	3 576	13 501	8 999	1 905	191
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>							
Commercial fertilizer	farms... 9 132	5 940	6 687	24 100	15 174	3 342	317
	acres on which used... 655 974	509 346	712 164	3 914 598	4 587 819	1 922 625	370 463
Lime	farms... 1 491	1 210	1 432	5 890	3 930	890	63
	acres on which used... 63 108	54 633	79 734	402 063	391 527	131 619	15 023
	tons... 158 092	131 128	178 856	940 787	902 523	302 769	35 149
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops	farms... 4 160	3 069	3 279	12 329	8 466	1 955	214
	acres on which used... 253 474	207 517	257 920	1 392 159	1 676 643	718 716	166 197
Nematodes in crops	farms... 273	222	214	760	438	121	11
	acres on which used... 14 988	18 104	17 684	79 128	76 260	39 458	4 891
Diseases in crops and orchards	farms... 182	52	113	237	175	62	5
	acres on which used... 10 426	3 687	6 270	24 617	30 208	19 997	4 052
Weeds, grass, or brush in crops and pasture	farms... 7 799	4 927	5 668	20 508	12 979	2 903	250
	acres on which used... 701 791	514 608	747 320	4 309 801	5 232 658	2 190 756	383 145
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 117	72	67	283	147	45	3
	acres on which used... 5 854	6 039	5 627	42 161	32 111	17 384	45

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 199 acres
<b>TENURE AND RACE OF OPERATOR</b>						
All operators .....	105 180	7 974	10 981	2 901	6 981	7 169
Full owners .....	48 226	7 158	8 437	1 951	4 777	4 442
Part owners .....	35 207	143	1 003	408	778	1 188
Tenants .....	21 747	673	1 541	542	1 426	1 538
White .....	105 056	7 962	10 958	2 898	6 972	7 159
Full owners .....	48 162	7 148	8 419	1 948	4 771	4 439
Part owners .....	35 182	143	1 000	408	777	1 188
Tenants .....	21 712	671	1 539	542	1 424	1 532
Black and other races .....	124	12	23	3	9	9
Full owners .....	64	10	18	3	6	3
Part owners .....	25	-	3	-	1	-
Tenants .....	35	2	2	-	2	6
<b>OWNED AND RENTED LAND</b>						
Land owned .....	84 315	7 313	9 509	2 382	5 676	5 721
farms.....	17 021 650	458 441	459 375	208 305	561 269	734 496
acres.....	83 433	7 301	9 440	2 359	5 555	5 630
Owned land in farms .....	15 050 360	20 160	226 809	125 246	414 054	583 300
Land rented or leased from others .....	57 231	892	2 566	969	2 233	2 737
farms.....	16 739 305	15 507	62 073	48 358	160 328	267 393
acres.....	56 954	816	2 544	950	2 204	2 726
Rented or leased land in farms .....	16 587 770	3 301	55 777	44 852	153 909	257 481
Land rented or leased to others .....	14 144	2 223	2 448	797	1 272	1 239
farms.....	2 122 825	450 487	238 862	86 565	153 634	161 108
acres.....						
<b>OPERATOR CHARACTERISTICS</b>						
Operators by place of residence:						
On farm operated .....	78 710	5 082	7 741	1 887	4 323	4 800
Not on farm operated .....	20 505	1 919	2 528	817	2 257	1 975
Not reported .....	5 965	973	712	197	401	393
Operators by principal occupation:						
Farming .....	75 279	3 181	3 330	1 175	3 608	4 332
Other .....	29 901	4 793	7 651	1 726	3 373	2 836
Operators by days of work off farm:						
None .....	51 753	2 240	2 554	820	2 383	2 880
Any .....	46 229	5 249	7 876	1 930	4 122	3 773
1 to 99 days .....	13 104	671	794	258	678	705
100 to 199 days .....	7 197	565	874	248	602	634
200 days or more .....	25 928	4 013	6 208	1 424	2 842	2 434
Not reported .....	7 198	485	551	151	476	515
Operators by years on present farm:						
2 years or less .....	5 787	884	958	266	529	490
3 or 4 years .....	5 973	860	935	245	503	497
5 to 9 years .....	13 617	1 558	1 849	448	1 058	981
10 years or more .....	65 721	2 703	5 568	1 510	3 893	4 219
Average years on present farm .....	19.7	12.2	14.7	16.4	18.2	19.4
Not reported .....	14 082	1 969	1 671	432	998	981
Operators by age group:						
Under 25 years .....	2 852	582	340	111	224	231
25 to 34 years .....	17 458	1 946	1 658	412	1 065	1 099
35 to 44 years .....	21 262	1 814	2 489	529	1 148	1 241
45 to 49 years .....	10 512	734	1 293	314	631	602
50 to 54 years .....	11 232	635	1 167	308	692	664
55 to 59 years .....	12 608	560	1 097	297	692	749
60 to 64 years .....	12 679	604	976	291	753	890
65 to 69 years .....	7 848	476	837	272	713	742
70 years and over .....	8 709	623	1 184	367	1 063	950
Average age .....	49.3	44.7	49.4	50.7	51.8	51.4
Operators by sex:						
Male .....	101 838	7 570	10 321	2 719	6 618	6 875
Female .....	3 342	404	660	182	363	293
Operators of Spanish origin (see text) .....	105	5	12	8	9	6
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Individual or family (sole proprietorship) .....	89 188	6 623	9 933	2 573	6 179	6 258
farms.....	25 058 946	20 680	254 785	151 051	503 189	734 148
acres.....	11 088	1 017	757	255	641	765
Partnership .....	3 802 372	1 966	20 467	14 935	51 849	89 937
farms.....						
acres.....						
Corporation:						
Family held .....	4 094	226	146	42	99	86
farms.....	2 568 304	530	3 698	2 363	7 962	9 912
acres.....	81	3	1	-	1	1
More than 10 stockholders .....	4 013	223	145	42	98	85
farms.....						
acres.....						
Other than family held .....	310	52	75	10	20	20
farms.....	91 558	158	1 717	563	1 599	2 256
acres.....	34	3	4	3	5	2
More than 10 stockholders .....	276	49	71	7	15	18
farms.....						
acres.....						
Other—cooperative, estate or trust, institutional, etc. ....	500	56	70	21	42	39
farms.....	116 950	127	1 919	1 186	3 364	4 528
acres.....						

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>TENURE AND RACE OF OPERATOR</b>							
All operators .....	10 506	6 574	7 119	25 378	15 874	3 401	323
Full owners .....	5 829	3 171	3 010	6 875	2 126	404	46
Part owners .....	1 828	1 753	2 214	12 331	10 768	2 552	241
Tenants .....	2 849	1 650	1 895	6 172	2 980	445	36
White .....	10 496	6 566	7 109	25 355	15 859	3 399	323
Full owners .....	5 821	3 167	3 009	6 866	2 124	404	46
Part owners .....	1 827	1 752	2 210	12 324	10 761	2 551	241
Tenants .....	2 848	1 647	1 890	6 165	2 974	444	36
Black and other races .....	10	8	10	23	15	2	-
Full owners .....	8	4	1	9	2	-	-
Part owners .....	1	1	4	7	7	1	-
Tenants .....	1	3	5	7	6	1	-
<b>OWNED AND RENTED LAND</b>							
Land owned .....	7 787	4 987	5 296	19 403	12 982	2 969	290
farms .....	1 199 798	879 250	1 072 624	4 743 066	4 530 283	1 744 660	430 083
acres .....	7 657	4 924	5 224	19 206	12 894	2 956	287
Owned land in farms .....	1 050 529	783 773	967 538	4 457 785	4 323 233	1 690 780	407 153
Land rented or leased from others .....	4 707	3 416	4 121	18 541	13 767	3 003	279
farms .....	624 098	523 435	732 177	4 809 734	6 406 582	2 611 070	478 550
acres .....	4 677	3 403	4 109	18 503	13 748	2 997	277
Rented or leased land in farms .....	610 966	514 239	725 285	4 767 393	6 383 962	2 599 542	471 063
Land rented or leased to others .....	1 171	740	716	2 037	1 193	264	44
farms .....	162 401	104 673	111 978	327 622	229 670	65 408	30 417
acres .....							
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	7 317	4 816	5 485	20 705	13 486	2 834	234
Not on farm operated .....	2 640	1 413	1 312	3 592	1 674	327	51
Not reported .....	549	345	322	1 081	714	240	38
Operators by principal occupation:							
Farming .....	7 432	4 990	5 851	22 709	15 105	3 266	300
Other .....	3 074	1 584	1 268	2 669	769	135	23
Operators by days of work off farm:							
None .....	4 865	3 294	3 890	15 385	10 707	2 500	235
Any .....	4 831	2 745	2 709	8 203	4 050	676	65
1 to 99 days .....	1 256	832	970	3 943	2 527	439	31
100 to 199 days .....	846	500	559	1 586	876	92	15
200 days or more .....	2 729	1 413	1 180	2 674	847	145	19
Not reported .....	810	535	520	1 790	1 117	225	23
Operators by years on present farm:							
2 years or less .....	671	369	302	933	331	45	9
3 or 4 years .....	680	387	387	1 026	391	55	7
5 to 9 years .....	1 453	897	895	2 924	1 321	210	23
10 years or more .....	6 322	4 101	4 713	17 833	12 113	2 535	211
Average years on present farm .....	19.9	20.3	21.1	21.7	22.3	23.2	23.4
Not reported .....	1 380	820	822	2 662	1 718	556	73
Operators by age group:							
Under 25 years .....	351	178	190	459	170	16	-
25 to 34 years .....	1 731	1 113	1 182	4 395	2 423	395	39
35 to 44 years .....	1 812	1 202	1 294	4 917	3 825	936	75
45 to 49 years .....	880	571	610	2 403	1 988	495	51
50 to 54 years .....	929	587	708	2 894	2 149	460	39
55 to 59 years .....	1 148	788	861	3 664	2 264	464	44
60 to 64 years .....	1 406	866	1 016	3 646	1 821	379	31
65 to 69 years .....	1 050	627	648	1 575	726	156	26
70 years and over .....	1 199	662	610	1 425	508	100	18
Average age .....	50.7	50.3	50.2	49.1	48.0	48.3	49.6
Operators by sex:							
Male .....	10 146	6 343	6 934	24 933	15 691	3 366	322
Female .....	360	231	185	445	183	35	1
Operators of Spanish origin (see text) .....	8	3	5	33	13	2	1
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	9 121	5 669	6 148	21 731	12 682	2 129	142
farms .....	1 442 702	1 119 616	1 461 911	7 890 594	8 471 320	2 642 502	366 448
acres .....	1 144	743	773	2 609	1 728	570	86
Partnership .....	180 602	146 346	184 041	941 945	1 185 938	741 203	243 143
Corporation:							
Family held .....	151	120	162	909	1 402	663	88
farms .....	23 871	23 720	38 372	346 817	1 006 880	854 189	249 990
acres .....	9	2	4	24	20	11	5
More than 10 stockholders .....	142	118	158	885	1 382	652	83
10 or less stockholders .....							
Other than family held .....	21	11	10	32	31	24	4
farms .....	3 319	2 169	2 311	11 769	21 943	32 249	11 505
acres .....	3	-	3	3	2	5	1
More than 10 stockholders .....	18	11	7	29	29	19	3
10 or less stockholders .....							
Other—cooperative, estate or trust, institutional, etc. ....	69	31	26	97	31	15	3
farms .....	11 001	6 161	6 188	34 053	21 114	20 179	7 130
acres .....							

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARMS BY SIZE</b>						
1 to 9 acres .....	7 974	7 974	-	-	-	-
10 to 49 acres .....	10 981	-	10 981	-	-	-
50 to 69 acres .....	2 901	-	-	2 901	-	-
70 to 99 acres .....	6 981	-	-	-	6 981	-
100 to 139 acres .....	7 168	-	-	-	-	7 168
140 to 179 acres .....	10 506	-	-	-	-	-
180 to 219 acres .....	6 574	-	-	-	-	-
220 to 259 acres .....	7 119	-	-	-	-	-
260 to 499 acres .....	25 378	-	-	-	-	-
500 to 999 acres .....	15 874	-	-	-	-	-
1,000 to 1,999 acres .....	3 401	-	-	-	-	-
2,000 acres or more .....	323	-	-	-	-	-
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>						
Cash grains (011) .....	50 200	327	3 350	1 257	3 704	3 556
Field crops, except cash grains (013) .....	1 451	60	681	113	183	132
Cotton (0131) .....	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	60	681	113	183	132
Vegetables and melons (016) .....	213	50	88	14	22	9
Fruits and tree nuts (017) .....	195	42	108	17	14	6
Horticultural specialties (018) .....	278	133	94	6	13	11
General farms, primarily crop (019) .....	1 039	32	281	47	88	93
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	6 322	5 271	1 270	2 593	2 786
Beef cattle, except feedlots (0212) .....	10 095	1 400	1 980	575	1 027	1 023
Dairy farms (024) .....	4 209	239	189	81	205	379
Poultry and eggs (025) .....	570	186	135	15	42	24
Animal specialties (027) .....	1 601	558	733	73	79	63
General farms, primarily livestock and animal specialties (029) .....	1 445	25	51	8	38	109
<b>LIVESTOCK</b>						
Cattle and calves inventory .....	49 469	3 123	3 856	1 207	2 653	3 330
farms .....	4 303 682	127 188	99 821	31 344	78 638	128 294
number .....						
Farms with—						
1 to 9 .....	4 928	1 018	1 535	245	414	343
10 to 49 .....	19 719	1 397	2 071	833	1 873	2 180
50 to 99 .....	12 289	411	192	102	300	649
100 to 199 .....	8 310	218	41	24	54	137
200 to 499 .....	3 423	66	7	2	11	18
500 or more .....	800	13	10	1	1	3
Cows and heifers that had calved .....	38 373	1 968	2 632	913	2 111	2 720
farms .....	1 418 633	42 176	28 965	12 438	33 147	54 900
number .....						
Beef cows .....	32 279	1 612	2 310	798	1 803	2 195
farms .....	1 123 745	33 178	23 347	10 093	26 227	39 131
number .....						
Farms with—						
1 to 9 .....	5 883	703	1 491	340	617	556
10 to 49 .....	19 651	761	787	447	1 158	1 583
50 to 99 .....	4 965	109	24	10	27	50
100 to 199 .....	1 467	33	5	1	1	3
200 to 499 .....	276	5	2	-	-	3
500 or more .....	37	1	1	-	-	-
Milk cows .....	7 748	411	418	159	376	631
farms .....	294 888	8 998	5 618	2 345	6 920	15 769
number .....						
Farms with—						
1 to 4 .....	880	102	171	49	75	79
5 to 9 .....	278	45	50	12	38	30
10 to 49 .....	4 340	218	184	92	247	463
50 to 99 .....	1 955	41	11	6	15	58
100 to 199 .....	272	5	1	-	1	1
200 to 499 .....	22	-	1	-	-	-
500 or more .....	1	-	-	-	-	-
Heifers and heifer calves .....	38 383	2 155	2 712	883	2 011	2 591
farms .....	1 275 321	36 665	33 617	8 681	22 638	36 392
number .....						
Steers, steer calves, bulls, and bull calves .....	42 527	2 423	2 976	978	2 210	2 817
farms .....	1 609 728	48 347	37 239	10 225	22 853	37 002
number .....						
Cattle and calves sold .....	50 509	3 193	3 663	1 207	2 670	3 373
farms .....	3 539 020	108 928	129 440	22 315	50 688	75 135
number .....						
\$1,000 .....	2 124 641	59 129	79 485	10 147	23 550	35 317
farms .....	16 116	1 101	1 406	519	1 109	1 410
number .....	355 396	17 752	15 458	6 719	12 271	19 620
\$1,000 .....	101 352	5 106	4 142	2 036	3 238	5 163
Cattle .....	43 833	2 652	2 985	976	2 141	2 800
farms .....	3 183 624	91 176	113 982	15 596	38 417	55 515
number .....						
\$1,000 .....	2 023 290	54 023	75 344	8 111	20 311	30 154
Fattened on grain and concentrates .....	22 503	1 323	1 051	337	794	1 026
farms .....	2 405 669	63 119	79 636	6 030	16 529	25 231
number .....						
\$1,000 .....	1 643 176	40 491	53 991	3 503	10 139	15 886

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>FARMS BY SIZE</b>							
1 to 9 acres	-	-	-	-	-	-	-
10 to 49 acres	-	-	-	-	-	-	-
50 to 99 acres	-	-	-	-	-	-	-
100 to 139 acres	-	-	-	-	-	-	-
140 to 179 acres	10 506	-	-	-	-	-	-
180 to 219 acres	-	6 574	-	-	-	-	-
220 to 259 acres	-	-	7 119	-	-	-	-
260 to 499 acres	-	-	-	25 378	-	-	-
500 to 999 acres	-	-	-	-	15 874	-	-
1,000 to 1,999 acres	-	-	-	-	-	3 401	-
2,000 acres or more	-	-	-	-	-	-	323
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011)	5 627	3 089	3 617	13 619	9 585	2 260	209
Field crops, except cash grains (013)	100	48	34	79	18	1	2
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	100	48	34	79	18	1	2
Vegetables and melons (016)	9	3	4	10	3	1	-
Fruits and tree nuts (017)	3	3	1	1	-	-	-
Horticultural specialties (018)	4	6	1	6	3	1	-
General farms, primarily crop (019)	88	66	55	167	101	16	5
Livestock, except dairy, poultry, and animal specialties (021)	3 753	2 657	2 783	9 761	5 621	1 058	104
Beef cattle, except feedlots (0212)	951	639	498	1 293	579	110	20
Dairy farms (024)	696	537	453	1 114	290	26	-
Poultry and eggs (025)	29	19	21	72	22	4	1
Animal specialties (027)	29	20	10	24	10	2	-
General farms, primarily livestock and animal specialties (029)	168	126	140	525	221	32	2
<b>LIVESTOCK</b>							
Cattle and calves inventory	4 676	3 420	3 605	13 057	8 469	1 883	190
number	235 436	201 301	247 814	1 171 439	1 303 665	549 941	128 801
Farms with—							
1 to 9	305	168	183	507	184	23	3
10 to 49	2 583	1 578	1 439	3 944	1 591	221	9
50 to 99	1 371	1 179	1 276	4 439	2 076	281	13
100 to 199	352	442	594	3 231	2 710	479	28
200 to 499	56	49	98	832	1 601	625	58
500 or more	9	4	15	104	307	254	79
Cows and heifers that had calved	3 800	2 775	2 858	10 310	6 672	1 458	156
number	96 019	82 894	89 966	404 031	393 932	143 487	36 678
Beef cows	2 881	2 073	2 243	8 636	6 167	1 406	155
number	61 735	51 739	60 585	300 216	345 992	135 442	36 060
Farms with—							
1 to 9	529	264	261	805	286	27	4
10 to 49	2 219	1 657	1 748	5 947	2 902	425	17
50 to 99	109	139	220	1 656	2 178	418	25
100 to 199	20	11	11	203	725	414	40
200 to 499	3	2	3	25	68	113	52
500 or more	1	-	-	-	8	9	17
Milk cows	1 054	811	745	2 214	814	109	6
number	34 284	31 155	29 381	103 815	47 940	8 045	618
Farms with—							
1 to 4	76	47	59	157	56	8	1
5 to 9	28	17	15	32	9	2	-
10 to 49	754	524	442	1 079	306	31	-
50 to 99	190	211	214	830	333	42	4
100 to 199	6	12	14	110	100	22	-
200 to 499	-	-	1	5	10	4	1
500 or more	-	-	-	1	-	-	-
Heifers and heifer calves	3 682	2 687	2 816	10 489	6 723	1 476	158
number	68 889	60 004	77 332	351 306	390 670	156 730	32 397
Steers, steer calves, bulls, and bull calves	3 994	2 909	3 125	11 568	7 630	1 720	177
number	70 528	58 403	80 516	416 102	519 063	249 724	59 726
Cattle and calves sold	4 818	3 526	3 707	13 459	8 772	1 930	191
number	152 659	121 057	175 080	883 929	1 167 544	538 501	113 744
\$1,000	78 177	61 484	97 585	516 961	735 408	351 106	76 292
Calves	1 825	1 329	1 272	3 735	1 959	406	45
number	30 722	23 523	29 513	95 214	75 353	25 154	4 097
\$1,000	7 886	5 920	7 991	26 711	23 008	8 732	1 420
Cattle	4 099	3 028	3 204	11 996	8 003	1 773	176
number	121 937	97 534	145 567	788 715	1 092 191	513 347	109 647
\$1,000	70 291	55 564	89 594	490 251	712 401	342 374	74 872
Fattened on grain and concentrates	1 813	1 380	1 640	6 820	5 023	1 187	109
number	73 095	56 692	100 974	578 735	876 472	441 734	87 422
\$1,000	47 137	36 324	68 143	390 221	607 831	306 342	63 169

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LIVESTOCK—Con.</b>						
Hogs and pigs inventory..... farms...	36 670	3 484	2 117	524	1 387	1 827
..... number...	12 983 074	850 261	568 751	113 337	305 249	373 057
Farms with—						
1 to 24.....	3 530	730	619	144	258	305
25 to 49.....	2 560	371	288	61	188	230
50 to 99.....	4 220	522	319	73	232	338
100 to 199.....	6 766	619	322	97	266	377
200 to 499.....	11 269	752	333	100	291	407
500 or more.....	8 325	470	236	49	152	170
Used or to be used for breeding..... farms...	26 944	2 177	1 402	354	990	1 387
..... number...	1 657 873	107 530	97 314	17 845	42 390	55 561
Other..... farms...	35 152	3 218	1 925	480	1 295	1 709
..... number...	11 325 201	742 731	471 437	95 492	262 859	317 496
Hogs and pigs sold..... farms...	38 638	3 841	2 295	554	1 475	1 902
..... number...	23 483 812	1 790 091	1 365 580	235 054	590 665	726 625
..... \$1,000...	2 494 231	171 091	109 445	20 676	57 248	70 516
Feeder pigs..... farms...	8 972	1 150	818	196	489	545
..... number...	4 460 979	565 163	707 386	104 965	193 535	230 305
..... \$1,000...	209 248	26 045	30 917	4 601	9 118	11 029
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30..... farms...	28 037	2 370	1 497	382	1 050	1 450
..... number...	2 495 867	162 239	149 874	26 278	66 735	82 053
Dec. 1 and May 31..... farms...	26 110	2 126	1 341	340	950	1 296
..... number...	1 251 973	80 427	74 146	12 964	34 289	40 883
June 1 and Nov. 30..... farms...	25 992	2 139	1 327	338	935	1 302
..... number...	1 243 894	81 812	75 728	13 314	32 466	41 170
Sheep and lambs of all ages inventory..... farms...	8 636	997	1 348	287	497	566
..... number...	451 617	54 132	52 549	10 002	16 740	25 129
Ewes 1 year old or older..... farms...	8 089	926	1 256	271	470	531
..... number...	280 591	22 698	32 096	6 441	11 454	16 829
Sheep and lambs sold..... farms...	8 806	1 084	1 359	284	502	553
..... number...	607 492	139 963	73 917	9 499	14 400	27 445
Sheep and lambs shorn..... farms...	8 052	935	1 241	267	460	506
..... number...	542 200	135 744	53 642	8 912	15 611	26 103
..... pounds of wool...	2 901 639	270 733	333 712	60 831	108 244	174 632
Horses and ponies inventory..... farms...	11 647	1 138	2 382	433	760	859
..... number...	59 338	5 291	13 179	2 541	4 195	4 884
Horses and ponies sold..... farms...	2 453	388	625	95	182	194
..... number...	9 909	1 171	2 260	447	783	862
Goats inventory..... farms...	1 082	144	265	55	90	89
..... number...	7 387	886	1 879	378	468	455
Goats sold..... farms...	366	65	97	26	32	28
..... number...	3 198	471	932	158	240	555
<b>POULTRY</b>						
Chickens 3 months old or older inventory..... farms...	4 897	514	831	181	452	465
..... number...	9 580 666	1 779 773	1 669 857	141 012	255 054	488 427
Farms with—						
1 to 399.....	4 456	433	778	170	424	445
400 to 3,199.....	175	17	12	5	11	10
3,200 to 9,999.....	93	17	14	1	7	3
10,000 to 19,999.....	82	21	7	3	7	3
20,000 to 49,999.....	50	14	10	1	3	1
50,000 to 99,999.....	25	12	5	1	1	1
100,000 or more.....	16	-	5	-	-	2
Hens and pullets of laying age..... farms...	4 834	501	822	180	442	457
..... number...	8 212 576	1 370 690	1 335 610	138 455	229 110	375 843
Pullets 3 months old or older not of laying age..... farms...	487	48	88	21	57	53
..... number...	1 368 090	409 083	334 247	2 557	25 944	112 584
Hens and pullets sold..... farms...	908	146	132	24	59	76
..... number...	9 873 596	2 794 217	1 821 769	119 741	334 167	588 795
Broilers and other meat-type chickens sold..... farms...	1 060	186	178	30	59	72
..... number...	666 016	68 133	261 505	28 395	35 927	25 455
Farms with—						
1 to 1,999.....	1 021	180	170	29	57	70
2,000 to 59,999.....	38	6	7	1	2	2
60,000 to 99,999.....	-	-	-	-	-	-
100,000 or more.....	1	-	1	-	-	-
Turkey hens kept for breeding..... farms...	345	60	84	17	25	29
..... number...	71 889	19 212	22 557	38	76	139
Turkeys sold..... farms...	407	62	77	11	31	24
..... number...	9 594 632	660 752	1 013 640	7 089	750 796	213 106

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>LIVESTOCK—Con.</b>							
Hogs and pigs inventory..... farms...	3 086	2 272	2 756	10 773	6 953	1 414	97
..... number...	743 071	615 835	815 272	3 977 551	3 455 029	1 052 475	113 186
Farms with—							
1 to 24 .....	319	184	221	486	221	38	5
25 to 49 .....	291	174	198	499	226	33	1
50 to 99 .....	434	350	353	1 075	454	65	5
100 to 199 .....	708	513	611	2 048	1 062	141	2
200 to 499 .....	953	703	876	3 978	2 448	406	22
500 or more .....	381	348	497	2 687	2 542	731	62
Used or to be used for breeding..... farms...	2 316	1 711	2 053	8 235	5 221	1 033	65
..... number...	104 248	82 096	108 790	497 450	409 885	122 460	12 294
Other..... farms...	2 947	2 183	2 842	10 483	8 800	1 393	97
..... number...	638 823	533 739	706 482	3 480 101	3 045 134	930 015	100 892
Hogs and pigs sold..... farms...	3 232	2 390	2 871	11 239	7 262	1 475	102
..... number...	1 358 682	1 092 667	1 466 612	6 845 740	5 919 125	1 882 229	210 742
..... \$1,000...	136 950	114 152	156 083	751 392	667 221	215 714	23 743
Feeder pigs..... farms...	804	543	637	2 293	1 249	238	10
..... number...	351 870	224 152	257 047	1 007 239	612 648	176 933	29 736
..... \$1,000...	16 657	10 111	12 125	48 749	29 528	8 654	1 714
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30..... farms...	2 418	1 772	2 136	8 481	5 351	1 063	67
..... number...	151 599	122 380	160 814	751 251	617 488	185 193	19 963
Dec. 1 and May 31..... farms...	2 221	1 641	1 982	8 049	5 082	1 021	61
..... number...	76 947	61 826	82 286	379 096	307 976	91 451	9 702
June 1 and Nov. 30..... farms...	2 214	1 638	1 959	7 973	5 069	1 013	85
..... number...	74 652	60 554	78 528	372 155	309 512	93 742	10 261
Sheep and lambs of all ages inventory..... farms...	772	485	497	1 882	1 093	195	17
..... number...	39 216	23 185	25 244	108 587	80 225	15 831	777
Ewes 1 year old or older..... farms...	722	454	460	1 767	1 033	183	16
..... number...	26 153	13 237	17 282	72 187	51 887	(D)	(D)
Sheep and lambs sold..... farms...	777	485	505	1 913	1 117	209	18
..... number...	53 063	24 870	23 061	140 372	81 707	18 474	721
Sheep and lambs shorn..... farms...	714	455	467	1 764	1 039	189	15
..... number...	39 309	22 288	24 631	116 286	80 605	18 437	632
..... pounds of wool...	247 629	142 960	161 909	722 909	555 592	118 219	4 269
Horses and ponies inventory..... farms...	852	550	554	2 160	1 513	415	51
..... number...	4 262	3 085	2 477	9 321	7 426	2 418	259
Horses and ponies sold..... farms...	139	87	111	333	235	59	5
..... number...	494	305	608	1 328	1 309	335	7
Goats inventory..... farms...	85	63	52	143	79	17	-
..... number...	600	279	254	1 310	759	119	-
Goats sold..... farms...	31	8	17	41	17	4	-
..... number...	375	26	59	223	133	26	-
<b>POULTRY</b>							
Chickens 3 months old or older inventory..... farms...	551	263	315	894	366	59	6
..... number...	553 856	1 060 462	541 638	2 073 654	604 258	412 495	180
Farms with—							
1 to 399 .....	515	231	283	804	317	50	6
400 to 3,199 .....	19	17	15	41	25	3	-
3,200 to 9,999 .....	5	6	10	21	9	-	-
10,000 to 19,999 .....	7	5	2	17	7	3	-
20,000 to 49,999 .....	2	2	2	7	6	2	-
50,000 to 99,999 .....	2	1	1	1	1	-	-
100,000 or more .....	1	1	2	3	1	1	-
Hens and pullets of laying age..... farms...	546	260	311	889	363	57	6
..... number...	550 726	869 771	468 106	2 009 251	473 911	(D)	(D)
Pullets 3 months old or older not of laying age..... farms...	44	27	34	82	24	8	1
..... number...	3 130	190 691	73 532	64 403	130 347	(D)	(D)
Hens and pullets sold..... farms...	97	47	55	182	71	18	1
..... number...	675 246	509 785	417 503	1 244 357	669 754	(D)	(D)
Broilers and other meat-type chickens sold..... farms...	82	57	66	233	90	7	-
..... number...	15 612	13 997	17 401	161 839	36 082	1 670	-
Farms with—							
1 to 1,999 .....	82	56	65	218	87	7	-
2,000 to 59,999 .....	-	1	1	15	3	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-	-
Turkey hens kept for breeding..... farms...	30	21	18	42	14	5	-
..... number...	2 612	160	2 674	20 245	4 061	115	-
Turkeys sold..... farms...	25	16	28	88	39	5	1
..... number...	392 034	346 543	367 072	4 174 045	1 460 980	(D)	(D)

See footnotes at end of table.

**Table 51. Summary by Size of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>CROPS HARVESTED</b>						
Corn for grain or seed ----- farms..	83 301	488	4 045	1 698	5 280	5 825
acres..	10 147 051	2 041	52 803	38 224	152 977	227 908
bushels..	1 274 388 346	238 005	5 823 066	4 360 723	17 672 160	26 256 894
Irrigated ----- farms..	453	3	4	8	17	6
acres..	62 099	16	45	159	533	315
Farms by acres harvested:						
1 to 24 acres -----	11 524	488	3 616	1 050	2 251	1 394
25 to 99 acres -----	35 088	-	429	648	3 029	4 344
100 to 249 acres -----	27 186	-	-	-	-	87
250 to 499 acres -----	7 726	-	-	-	-	-
500 acres or more -----	1 777	-	-	-	-	-
Corn for silage or green chop ----- farms..	7 934	12	85	56	199	372
acres..	205 176	47	733	526	2 156	4 895
tons, green..	3 251 394	601	10 418	7 237	33 503	68 918
Irrigated ----- farms..	7	-	-	-	-	-
acres..	110	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres -----	5 508	12	84	51	181	319
25 to 99 acres -----	2 112	-	1	5	18	53
100 to 249 acres -----	265	-	-	-	-	-
250 to 499 acres -----	41	-	-	-	-	-
500 acres or more -----	8	-	-	-	-	-
Sorghum for grain or seed ----- farms..	108	1	4	1	5	4
acres..	4 376	(D)	(D)	(D)	8	29
bushels..	334 779	(D)	(D)	(D)	477	2 170
Irrigated ----- farms..	-	-	-	-	-	-
acres..	-	-	-	-	-	-
Wheat for grain ----- farms..	1 345	1	34	23	48	69
acres..	31 047	(D)	(D)	366	578	1 042
bushels..	1 180 360	(D)	(D)	13 109	20 896	40 300
Irrigated ----- farms..	2	-	-	-	-	-
acres..	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres -----	998	1	34	17	43	58
25 to 99 acres -----	307	-	-	6	5	9
100 to 249 acres -----	33	-	-	-	-	2
250 to 499 acres -----	5	-	-	-	-	-
500 acres or more -----	2	-	-	-	-	-
Barley for grain ----- farms..	357	1	9	5	20	24
acres..	6 545	(D)	(D)	53	171	320
bushels..	358 125	(D)	(D)	2 562	6 236	13 970
Irrigated ----- farms..	7	-	-	-	-	-
acres..	483	-	-	-	-	-
Oats for grain ----- farms..	25 398	61	661	310	1 068	1 645
acres..	544 907	213	5 660	3 409	12 895	23 287
bushels..	30 918 660	11 866	267 848	160 299	659 983	1 179 372
Irrigated ----- farms..	16	-	-	-	-	2
acres..	484	-	-	-	-	(D)
Farms by acres harvested:						
1 to 24 acres -----	18 021	61	640	291	991	1 474
25 to 99 acres -----	7 125	-	21	19	77	171
100 to 249 acres -----	238	-	-	-	-	-
250 to 499 acres -----	13	-	-	-	-	-
500 acres or more -----	1	-	-	-	-	-
Soybeans for beans ----- farms..	68 278	210	2 420	1 140	3 861	4 221
acres..	7 903 395	1 019	34 320	25 880	109 887	150 757
bushels..	326 081 351	43 890	1 324 555	991 410	4 331 498	5 956 960
Irrigated ----- farms..	221	1	5	10	9	4
acres..	20 304	(D)	103	213	188	130
Farms by acres harvested:						
1 to 24 acres -----	10 200	210	2 114	677	1 557	1 938
25 to 99 acres -----	28 626	-	306	463	2 304	2 849
100 to 249 acres -----	22 245	-	-	-	-	34
250 to 499 acres -----	6 197	-	-	-	-	-
500 acres or more -----	1 010	-	-	-	-	-
Irish potatoes ----- farms..	104	9	28	2	8	10
acres..	1 998	3	47	(D)	20	18
cwt..	336 981	366	10 819	(D)	3 757	2 672
Irrigated ----- farms..	20	-	7	-	-	1
acres..	1 158	-	21	-	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	48 271	490	3 631	1 184	2 802	3 554
acres..	1 968 207	1 669	35 682	18 301	52 252	82 567
tons, dry..	5 612 944	4 179	85 789	43 608	128 780	212 239
Irrigated ----- farms..	45	3	5	1	4	5
acres..	1 216	4	(D)	(D)	70	84
Farms by acres harvested:						
1 to 24 acres -----	22 645	490	3 449	989	2 096	2 276
25 to 99 acres -----	21 233	-	182	194	704	1 249
100 to 249 acres -----	4 085	-	-	1	2	29
250 to 499 acres -----	278	-	-	-	-	-
500 acres or more -----	30	-	-	-	-	-
Alfalfa hay ----- farms..	41 883	423	3 068	993	2 347	3 027
acres..	1 380 550	1 425	28 552	13 853	38 685	61 345
tons, dry..	4 444 233	3 792	74 610	36 369	105 280	174 768
Irrigated ----- farms..	31	1	4	1	3	3
acres..	641	(D)	30	(D)	54	37

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
<b>CROPS HARVESTED</b>							
Corn for grain or seed ----- farms...	9 457	5 978	6 709	24 507	15 645	3 358	311
acres...	493 179	381 932	525 561	2 935 364	3 574 571	1 488 999	273 492
bushels...	59 408 861	45 541 332	63 886 498	364 703 568	456 163 398	194 303 287	36 030 554
Irrigated ----- farms...	18	10	36	90	158	85	18
acres...	747	574	2 350	8 895	22 730	18 552	7 183
Farms by acres harvested:							
1 to 24 acres -----	1 075	577	330	628	108	7	-
25 to 99 acres -----	7 974	4 619	4 750	8 047	1 160	78	10
100 to 249 acres -----	408	782	1 626	15 270	8 588	405	20
250 to 499 acres -----	-	-	3	562	5 479	1 641	41
500 acres or more -----	-	-	-	-	310	1 227	240
Corn for silage or green chop ----- farms...	758	622	660	2 614	1 946	539	71
acres...	11 494	10 234	11 554	59 907	65 093	29 843	8 694
tons, green...	181 624	154 124	171 977	940 967	1 053 188	490 064	138 773
Irrigated ----- farms...	-	-	1	3	2	1	-
acres...	-	-	(D)	50	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres -----	627	518	519	1 877	1 114	199	7
25 to 99 acres -----	127	98	134	671	712	263	30
100 to 249 acres -----	4	6	7	64	97	59	28
250 to 499 acres -----	-	-	-	2	23	13	3
500 acres or more -----	-	-	-	-	-	5	3
Sorghum for grain or seed ----- farms...	8	9	7	30	19	17	3
acres...	141	187	163	967	609	1 746	407
bushels...	13 810	19 060	10 400	56 484	45 520	148 152	32 614
Irrigated ----- farms...	-	-	-	-	-	-	-
acres...	-	-	(D)	-	-	(D)	-
Wheat for grain ----- farms...	92	69	95	392	372	132	18
acres...	1 398	1 113	1 645	7 613	9 129	5 562	2 290
bushels...	57 161	38 061	55 303	284 018	365 566	194 744	100 156
Irrigated ----- farms...	-	-	1	-	-	1	-
acres...	-	-	(D)	-	-	(D)	-
Farms by acres harvested:							
1 to 24 acres -----	77	54	76	306	260	67	5
25 to 99 acres -----	15	14	18	77	103	53	7
100 to 249 acres -----	-	1	1	8	8	10	3
250 to 499 acres -----	-	-	-	1	1	1	2
500 acres or more -----	-	-	-	-	-	1	1
Barley for grain ----- farms...	36	39	25	142	40	16	-
acres...	591	539	331	2 756	943	751	-
bushels...	28 431	32 103	17 937	147 328	55 668	50 880	-
Irrigated ----- farms...	1	-	1	4	-	1	-
acres...	(D)	-	(D)	191	-	(D)	-
Oats for grain ----- farms...	2 997	2 092	2 333	8 480	4 814	881	56
acres...	48 997	37 180	45 003	188 896	139 561	35 396	4 410
bushels...	2 716 796	2 057 300	2 550 338	10 928 118	8 108 008	2 040 874	237 858
Irrigated ----- farms...	2	-	5	5	1	1	-
acres...	(D)	-	58	108	(D)	(D)	-
Farms by acres harvested:							
1 to 24 acres -----	2 525	1 649	1 728	5 615	2 679	356	12
25 to 99 acres -----	468	441	599	2 822	2 015	464	28
100 to 249 acres -----	4	2	6	42	113	57	14
250 to 499 acres -----	-	-	-	1	6	4	2
500 acres or more -----	-	-	-	-	1	-	-
Soybeans for beans ----- farms...	7 275	4 507	5 426	21 285	14 462	3 177	294
acres...	368 086	258 238	389 041	2 339 439	2 885 773	1 149 851	191 104
bushels...	14 903 224	10 420 128	15 794 011	96 227 721	119 742 710	48 408 010	7 937 234
Irrigated ----- farms...	17	2	15	51	68	33	6
acres...	838	(D)	723	4 045	7 292	5 169	1 511
Farms by acres harvested:							
1 to 24 acres -----	1 319	755	573	1 286	325	44	2
25 to 99 acres -----	5 833	3 390	3 349	7 719	2 189	204	20
100 to 249 acres -----	123	362	1 504	12 145	7 397	641	39
250 to 499 acres -----	-	-	-	135	4 508	1 507	47
500 acres or more -----	-	-	-	-	43	781	186
Irish potatoes ----- farms...	10	2	7	16	8	2	2
acres...	35	(D)	87	146	856	(D)	(D)
cwt...	8 073	(D)	6 442	29 139	146 880	(D)	(D)
Irrigated ----- farms...	1	-	2	1	5	2	1
acres...	(D)	-	(D)	(D)	226	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms...	5 091	3 606	3 803	13 619	8 519	1 791	181
acres...	144 782	124 398	139 452	608 058	544 567	182 849	33 630
tons, dry...	403 773	347 651	395 716	1 756 501	1 606 620	532 265	95 823
Irrigated ----- farms...	4	1	4	5	10	3	-
acres...	54	(D)	115	126	245	402	-
Farms by acres harvested:							
1 to 24 acres -----	2 683	1 567	1 571	4 929	2 271	310	14
25 to 99 acres -----	2 337	1 927	2 082	7 428	4 342	730	58
100 to 249 acres -----	71	112	147	1 231	1 807	620	65
250 to 499 acres -----	-	-	3	31	95	116	33
500 acres or more -----	-	-	-	-	4	15	11
Alfalfa hay ----- farms...	4 399	3 146	3 330	11 980	7 493	1 541	136
acres...	106 857	90 104	98 973	428 930	371 289	119 086	21 451
tons, dry...	333 362	282 499	318 370	1 399 703	1 248 632	396 245	70 603
Irrigated ----- farms...	2	-	3	5	8	1	-
acres...	(D)	-	71	121	92	(D)	-

See footnotes at end of table.





**Table 52. Summary by Value of Agricultural Products Sold: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>FARMS AND LAND IN FARMS</b>							
Farms ----- number .....	105 180	410	1 630	4 957	20 200	20 656	5 996
----- percent .....	100.0	.4	1.5	4.7	19.2	19.6	5.7
Land in farms ----- acres .....	31 638 130	467 661	1 573 526	3 780 793	10 723 255	7 445 295	1 604 284
----- Average size of farm ----- acres .....	301	1 141	965	763	531	360	268
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- farms .....	105 180	410	1 630	4 957	20 200	20 656	5 996
----- \$1,000 .....	8 926 799	840 349	1 643 439	1 659 468	3 103 103	1 493 083	267 940
----- Average per farm ----- dollars .....	84 872	2 049 632	1 008 245	334 773	153 619	72 283	44 686
Farms by value of sales:							
Less than \$1,000 (see text) -----	3 782	-	-	-	-	-	-
\$1,000 to \$2,499 -----	5 017	-	-	-	-	-	-
\$2,500 to \$4,999 -----	5 498	-	-	-	-	-	-
\$5,000 to \$9,999 -----	8 252	-	-	-	-	-	-
\$10,000 to \$19,999 -----	12 427	-	-	-	-	-	-
\$20,000 to \$24,999 -----	5 009	-	-	-	-	-	-
\$25,000 to \$39,999 -----	11 756	-	-	-	-	-	-
\$40,000 to \$49,999 -----	5 996	-	-	-	-	-	5 996
\$50,000 to \$99,999 -----	20 656	-	-	-	-	20 656	-
\$100,000 to \$249,999 -----	20 200	-	-	-	20 200	-	-
\$250,000 to \$499,999 -----	4 957	-	-	4 957	-	-	-
\$500,000 to \$999,999 -----	1 220	-	1 220	-	-	-	-
\$1,000,000 or more -----	410	410	410	-	-	-	-
Grains ----- farms .....	81 042	311	1 323	4 420	18 329	18 396	5 183
----- \$1,000 .....	3 563 323	55 272	202 169	538 005	1 389 439	832 000	160 296
Sales of \$50,000 or more ----- farms .....	23 982	206	916	3 157	11 201	8 708	-
----- \$1,000 .....	2 507 136	52 744	192 066	505 510	1 214 421	595 139	-
Corn for grain ----- farms .....	72 356	217	989	3 764	16 457	17 000	4 838
----- \$1,000 .....	1 961 527	34 975	120 957	309 060	759 001	445 709	86 574
Wheat ----- farms .....	1 188	42	42	97	321	293	67
----- \$1,000 .....	2 726	(D)	219	376	845	687	108
Soybeans ----- farms .....	68 166	267	1 190	4 048	16 620	16 594	4 603
----- \$1,000 .....	1 573 168	19 689	79 723	225 387	620 398	379 752	72 303
Sorghum for grain ----- farms .....	57	2	3	5	8	9	5
----- \$1,000 .....	477	(D)	(D)	53	162	45	18
Barley ----- farms .....	81	-	2	7	21	19	6
----- \$1,000 .....	116	-	(D)	6	35	40	4
Oats ----- farms .....	11 842	35	198	759	3 348	2 929	743
----- \$1,000 .....	19 604	187	748	2 060	6 717	4 715	1 007
Other grains ----- farms .....	677	7	31	70	212	157	42
----- \$1,000 .....	5 705	165	391	1 063	2 280	1 052	281
Cotton and cottonseed ----- farms .....	-	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-	-
Sales of \$50,000 or more ----- farms .....	-	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-	-
Tobacco ----- farms .....	-	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-	-
Sales of \$50,000 or more ----- farms .....	-	-	-	-	-	-	-
----- \$1,000 .....	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms .....	12 947	51	207	674	2 733	2 551	742
----- \$1,000 .....	46 480	2 092	3 756	4 341	13 313	9 204	2 499
Sales of \$50,000 or more ----- farms .....	30	5	9	6	10	5	-
----- \$1,000 .....	3 365	1 466	1 828	368	875	295	-
Vegetables, sweet corn, and melons ----- farms .....	596	2	7	23	86	75	21
----- \$1,000 .....	7 541	(D)	1 299	1 254	2 297	982	192
Sales of \$50,000 or more ----- farms .....	30	-	3	6	17	4	-
----- \$1,000 .....	4 384	-	1 247	1 050	1 814	272	-
Fruits, nuts, and berries ----- farms .....	371	2	3	9	32	32	17
----- \$1,000 .....	2 853	(D)	(D)	(D)	1 140	408	192
Sales of \$50,000 or more ----- farms .....	13	-	-	-	8	5	-
----- \$1,000 .....	1 390	-	-	-	1 078	312	-
Nursery and greenhouse crops ----- farms .....	357	5	17	22	49	47	18
----- \$1,000 .....	38 241	13 410	21 119	6 169	6 186	2 419	592
Sales of \$50,000 or more ----- farms .....	111	5	17	19	41	34	-
----- \$1,000 .....	35 714	13 410	21 119	6 148	6 140	2 307	-
Other crops ----- farms .....	99	-	1	9	13	8	4
----- \$1,000 .....	1 678	-	(D)	(D)	218	137	5
Sales of \$50,000 or more ----- farms .....	7	-	1	4	1	1	-
----- \$1,000 .....	1 259	-	(D)	819	(D)	(D)	-
Poultry and poultry products ----- farms .....	3 643	42	131	176	607	664	203
----- \$1,000 .....	192 229	98 283	139 024	25 778	19 147	5 687	580
Sales of \$50,000 or more ----- farms .....	426	40	115	105	145	61	-
----- \$1,000 .....	186 495	(D)	138 953	25 442	17 898	4 202	-
Dairy products ----- farms .....	7 048	9	54	378	2 462	2 275	538
----- \$1,000 .....	392 284	3 660	13 749	50 610	196 032	97 414	14 712
Sales of \$50,000 or more ----- farms .....	3 165	7	49	338	1 930	848	-
----- \$1,000 .....	294 998	(D)	13 556	49 304	178 762	53 376	-
Cattle and calves ----- farms .....	50 509	312	1 178	3 003	11 202	10 658	2 870
----- \$1,000 .....	2 124 641	535 737	864 655	389 515	459 422	208 835	40 250
Sales of \$50,000 or more ----- farms .....	7 178	304	1 070	1 992	3 265	851	-
----- \$1,000 .....	1 590 392	535 596	862 231	367 788	306 843	53 530	-

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARMS AND LAND IN FARMS</b>						
Farms.....	11 756	5 009	12 427	8 252	5 498	8 799
.....number.....						
.....percent.....	11.2	4.8	11.8	7.8	5.2	8.4
Land in farms.....	2 537 071	859 245	1 634 730	749 253	333 099	397 579
.....acres.....						
Average size of farm.....	216	172	132	91	61	45
.....acres.....						
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>						
Total sales (see text).....	11 756	5 009	12 427	8 252	5 498	8 799
.....farms.....						
.....\$1,000.....	375 819	112 042	182 050	60 139	20 091	9 626
.....dollars.....						
Average per farm.....	31 968	22 368	14 650	7 288	3 654	1 094
.....dollars.....						
Farms by value of sales:						
Less than \$1,000 (see text).....	-	-	-	-	-	3 782
\$1,000 to \$2,499.....	-	-	-	-	-	5 017
\$2,500 to \$4,999.....	-	-	-	-	5 498	-
\$5,000 to \$9,999.....	-	-	-	8 252	-	-
\$10,000 to \$19,999.....	-	-	12 427	-	-	-
\$20,000 to \$24,999.....	-	5 009	-	-	-	-
\$25,000 to \$39,999.....	11 756	-	-	-	-	-
\$40,000 to \$49,999.....	-	-	-	-	-	-
\$50,000 to \$99,999.....	-	-	-	-	-	-
\$100,000 to \$249,999.....	-	-	-	-	-	-
\$250,000 to \$499,999.....	-	-	-	-	-	-
\$500,000 to \$999,999.....	-	-	-	-	-	-
\$1,000,000 or more.....	-	-	-	-	-	-
Grains.....	9 988	4 066	9 283	4 942	2 558	2 554
.....farms.....						
.....\$1,000.....	231 465	67 743	103 617	27 839	7 508	3 241
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Corn for grain.....	9 303	3 758	8 408	4 229	1 914	1 696
.....farms.....						
.....\$1,000.....	124 090	37 289	56 896	15 737	4 269	1 946
.....dollars.....						
Wheat.....	104	33	119	65	25	22
.....farms.....						
.....\$1,000.....	160	43	154	98	26	10
.....dollars.....						
Soybeans.....	8 718	3 369	7 344	3 315	1 406	959
.....farms.....						
.....\$1,000.....	104 945	29 702	45 269	11 539	3 013	1 137
.....dollars.....						
Sorghum for grain.....	9	3	7	3	3	2
.....farms.....						
.....\$1,000.....	44	(D)	7	(D)	(D)	(D)
.....dollars.....						
Barley.....	7	1	11	1	1	5
.....farms.....						
.....\$1,000.....	11	(D)	10	(D)	(D)	(D)
.....dollars.....						
Oats.....	1 369	506	1 056	496	222	216
.....farms.....						
.....\$1,000.....	1 880	631	1 134	404	174	133
.....dollars.....						
Other grains.....	60	22	36	26	11	10
.....farms.....						
.....\$1,000.....	335	69	149	55	18	12
.....dollars.....						
Cotton and cottonseed.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Tobacco.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Hay, silage, and field seeds.....	1 349	583	1 398	920	602	1 188
.....farms.....						
.....\$1,000.....	4 510	1 810	3 580	1 780	916	772
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Vegetables, sweet corn, and melons.....	43	21	83	75	88	74
.....farms.....						
.....\$1,000.....	359	125	511	306	171	45
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Fruits, nuts, and berries.....	25	15	53	57	53	75
.....farms.....						
.....\$1,000.....	277	150	266	182	117	55
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Nursery and greenhouse crops.....	25	18	45	45	38	33
.....farms.....						
.....\$1,000.....	638	315	432	241	91	40
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Other crops.....	5	4	21	18	9	7
.....farms.....						
.....\$1,000.....	16	5	78	30	12	4
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Poultry and poultry products.....	383	150	406	301	231	391
.....farms.....						
.....\$1,000.....	656	312	513	246	138	148
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Dairy products.....	686	215	320	63	30	27
.....farms.....						
.....\$1,000.....	13 490	2 914	3 020	272	47	24
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						
Cattle and calves.....	5 420	2 266	5 573	3 827	2 408	2 104
.....farms.....						
.....\$1,000.....	65 649	22 644	43 954	19 872	7 089	2 756
.....dollars.....						
Sales of \$50,000 or more.....	-	-	-	-	-	-
.....farms.....						
.....\$1,000.....	-	-	-	-	-	-
.....dollars.....						

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Hogs and pigs ----- farms...	38 638	208	1 080	3 658	12 762	9 332	2 107
\$1,000... -----	2 494 231	119 027	380 382	636 004	1 005 016	326 603	46 047
Sales of \$50,000 or more ----- farms...	15 528	201	1 000	3 284	8 808	2 436	-
\$1,000... -----	2 058 777	118 837	378 159	626 243	897 094	157 262	-
Sheep, lambs, and wool ----- farms...	8 922	15	73	336	1 448	1 553	474
\$1,000... -----	46 157	12 796	13 847	4 517	8 530	6 429	1 638
Sales of \$50,000 or more ----- farms...	77	5	7	20	33	17	-
\$1,000... -----	21 114	(D)	13 573	3 109	3 290	1 142	-
Other livestock and livestock products (see text) ----- farms...	3 417	4	23	88	357	423	163
\$1,000... -----	17 139	12	3 089	2 389	2 363	2 966	936
Sales of \$50,000 or more ----- farms...	60	-	5	8	16	31	-
\$1,000... -----	8 848	-	3 046	2 189	1 677	1 937	-
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses ----- farms...	105 184	410	1 630	4 417	20 634	20 700	5 909
\$1,000... -----	6 647 645	706 585	1 338 199	1 079 240	2 242 358	1 095 796	203 858
Average per farm ----- dollars...	63 200	1 723 379	820 981	244 338	108 673	52 937	34 500
Livestock and poultry purchased ----- farms...	46 066	388	1 521	3 485	13 196	10 264	2 421
\$1,000... -----	1 358 161	361 952	585 357	246 804	326 837	123 507	19 155
Farms with expenses of—							
\$1 to \$4,999 -----	20 895	2	42	513	3 893	4 138	1 171
\$5,000 to \$24,999 -----	14 932	12	106	672	4 582	4 624	1 177
\$25,000 to \$99,999 -----	7 811	19	218	1 304	4 657	1 491	73
\$100,000 or more -----	2 428	355	1 155	996	264	11	-
Feed for livestock and poultry ----- farms...	64 752	393	1 566	3 949	16 732	14 031	3 431
\$1,000... -----	1 101 866	166 213	309 334	210 461	376 885	131 289	19 664
Farms with expenses of—							
\$1 to \$4,999 -----	31 369	-	8	144	2 443	5 077	1 843
\$5,000 to \$24,999 -----	22 076	5	76	866	8 180	8 209	1 563
\$25,000 to \$99,999 -----	9 846	49	560	2 461	6 048	745	25
\$100,000 or more -----	1 461	339	922	478	61	-	-
Commercially mixed formula feeds ----- farms...	33 282	262	980	2 337	9 473	7 698	1 865
\$1,000... -----	475 104	82 212	150 160	89 143	153 567	54 322	8 523
Farms with expenses of—							
\$1 to \$4,999 -----	17 634	5	27	204	2 396	3 891	1 234
\$5,000 to \$24,999 -----	11 352	21	182	896	5 059	3 552	616
\$25,000 to \$79,999 -----	3 545	79	342	1 005	1 930	253	15
\$80,000 or more -----	751	157	429	232	88	2	-
Seeds, bulbs, plants, and trees ----- farms...	88 807	369	1 489	4 254	20 006	19 625	5 582
\$1,000... -----	308 197	8 268	21 634	40 045	116 611	70 815	14 127
Farms with expenses of—							
\$1 to \$999 -----	23 074	7	31	74	564	1 284	720
\$1,000 to \$4,999 -----	45 976	70	266	977	9 178	14 007	4 476
\$5,000 to \$24,999 -----	19 426	228	1 037	3 078	10 214	4 333	386
\$25,000 or more -----	331	64	155	125	50	1	-
Commercial fertilizer ----- farms...	83 067	351	1 451	4 192	19 587	18 998	5 310
\$1,000... -----	467 355	10 117	32 374	65 984	186 286	104 695	20 843
Farms with expenses of—							
\$1 to \$4,999 -----	51 929	31	143	514	5 319	10 374	3 826
\$5,000 to \$24,999 -----	29 100	173	849	2 944	13 522	8 547	1 470
\$25,000 to \$49,999 -----	1 788	93	342	640	708	76	14
\$50,000 or more -----	250	54	117	94	38	1	-
Agricultural chemicals ----- farms...	86 631	357	1 460	4 185	19 689	19 175	5 432
\$1,000... -----	309 894	6 867	21 128	41 386	120 810	68 768	13 355
Farms with expenses of—							
\$1 to \$4,999 -----	66 563	66	314	1 202	9 770	14 447	4 882
\$5,000 to \$24,999 -----	19 490	210	951	2 783	9 748	4 717	550
\$25,000 to \$49,999 -----	514	57	156	181	165	11	-
\$50,000 or more -----	64	24	39	19	6	-	-
Petroleum products ----- farms...	100 939	401	1 609	4 395	20 482	20 460	5 835
\$1,000... -----	315 061	9 487	24 678	39 728	114 897	69 632	14 431
Farms with expenses of—							
\$1 to \$4,999 -----	81 446	21	180	932	10 213	16 823	5 449
\$5,000 to \$24,999 -----	19 169	279	1 235	3 375	10 227	3 637	386
\$25,000 to \$49,999 -----	274	75	156	77	41	-	-
\$50,000 or more -----	50	26	38	11	1	-	-
Gasoline and gasohol ----- farms...	87 982	352	1 407	3 864	18 276	17 978	5 084
\$1,000... -----	105 047	2 340	6 398	10 216	33 053	23 681	5 406
Diesel fuel ----- farms...	73 400	367	1 491	4 132	19 127	18 314	4 891
\$1,000... -----	136 878	4 028	11 202	19 193	54 246	30 374	6 157
Natural gas ----- farms...	5 064	42	159	374	1 541	1 240	249
\$1,000... -----	6 637	775	1 253	977	2 293	1 301	220
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms...	86 862	398	1 601	4 377	20 330	20 009	5 543
\$1,000... -----	66 500	2 344	5 826	9 341	25 305	14 276	2 648

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>						
Total sales (see text)—Con.						
Hogs and pigs ----- farms..	3 281	1 176	2 492	1 404	738	607
\$1,000..	54 811	14 379	21 758	6 643	1 936	653
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
Sheep, lambs, and wool ----- farms..	909	389	1 068	774	761	1 137
\$1,000..	2 837	1 176	2 789	1 813	1 380	1 201
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
Other livestock and livestock products (see text) ----- farms..	254	136	382	361	363	867
\$1,000..	1 111	468	1 530	914	687	687
Sales of \$50,000 or more ----- farms..	-	-	-	-	-	-
\$1,000..	-	-	-	-	-	-
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
Total farm production expenses ----- farms..	11 849	4 914	12 594	8 587	5 200	8 750
\$1,000..	292 198	96 315	168 420	69 318	28 903	33 039
Average per farm ----- dollars..	24 660	19 600	13 373	8 072	5 558	3 776
Livestock and poultry purchased ----- farms..	4 126	1 577	3 663	2 207	1 388	2 218
\$1,000..	25 049	7 310	12 841	6 392	2 524	2 385
Farms with expenses of—						
\$1 to \$4,999 -----	2 355	1 011	2 618	1 891	1 313	2 150
\$5,000 to \$24,999 -----	1 711	565	1 038	315	75	67
\$25,000 to \$99,999 -----	60	1	6	-	-	1
\$100,000 or more -----	-	-	1	1	-	-
Feed for livestock and poultry ----- farms..	6 411	2 376	6 018	3 994	2 404	3 840
\$1,000..	25 294	6 953	12 533	4 794	2 046	2 613
Farms with expenses of—						
\$1 to \$4,999 -----	4 441	1 867	5 376	3 969	2 394	3 807
\$5,000 to \$24,999 -----	1 963	509	642	25	10	33
\$25,000 to \$99,999 -----	7	-	-	-	-	-
\$100,000 or more -----	-	-	-	-	-	-
Commercially mixed formula feeds ----- farms..	3 191	1 033	2 739	1 481	975	1 510
\$1,000..	10 012	2 129	4 810	1 214	545	659
Farms with expenses of—						
\$1 to \$4,999 -----	2 497	920	2 507	1 481	975	1 502
\$5,000 to \$24,999 -----	694	113	232	-	-	8
\$25,000 to \$79,999 -----	-	-	-	-	-	-
\$80,000 or more -----	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ----- farms..	10 833	4 335	10 586	5 899	2 825	3 373
\$1,000..	21 309	6 778	11 081	3 739	1 236	821
Farms with expenses of—						
\$1 to \$999 -----	2 319	1 337	5 837	4 928	2 653	3 327
\$1,000 to \$4,999 -----	8 213	2 931	4 739	971	172	46
\$5,000 to \$24,999 -----	301	67	10	-	-	-
\$25,000 or more -----	-	-	-	-	-	-
Commercial fertilizer ----- farms..	10 041	3 953	9 664	4 941	2 313	2 617
\$1,000..	26 304	8 544	14 376	4 780	1 645	1 323
Farms with expenses of—						
\$1 to \$4,999 -----	8 792	3 676	9 501	4 885	2 290	2 609
\$5,000 to \$24,999 -----	1 249	277	163	56	23	-
\$25,000 to \$49,999 -----	-	-	-	-	-	8
\$50,000 or more -----	-	-	-	-	-	-
Agricultural chemicals ----- farms..	10 297	4 284	10 203	5 683	2 788	3 435
\$1,000..	20 896	6 857	11 287	3 420	1 108	880
Farms with expenses of—						
\$1 to \$4,999 -----	9 750	4 201	10 100	5 674	2 788	3 435
\$5,000 to \$24,999 -----	546	83	103	9	-	-
\$25,000 to \$49,999 -----	1	-	-	-	-	-
\$50,000 or more -----	-	-	-	-	-	-
Petroleum products ----- farms..	11 457	4 708	12 053	8 214	4 772	6 954
\$1,000..	21 294	6 891	12 985	5 661	2 470	2 374
Farms with expenses of—						
\$1 to \$4,999 -----	11 194	4 679	12 043	8 207	4 772	6 954
\$5,000 to \$24,999 -----	263	29	10	7	-	-
\$25,000 to \$49,999 -----	-	-	-	-	-	-
\$50,000 or more -----	-	-	-	-	-	-
Gasoline and gasohol ----- farms..	9 851	3 951	10 302	6 980	4 236	6 053
\$1,000..	9 378	3 306	7 015	3 429	1 584	1 580
Diesel fuel ----- farms..	8 850	3 232	6 759	3 423	1 427	1 754
\$1,000..	7 793	2 354	3 559	1 224	392	385
Natural gas ----- farms..	412	171	484	203	126	105
\$1,000..	220	81	209	34	32	17
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	10 616	4 141	9 683	5 063	2 545	2 954
\$1,000..	3 903	1 150	2 202	994	462	393

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>							
—Con.							
Total farm production expenses—Con.							
Electricity..... farms..	90 255	403	1 596	4 345	19 951	19 377	5 328
..... \$1,000..	126 591	4 958	12 108	16 921	44 182	25 539	5 529
Farms with expenses of—							
\$1 to \$999.....	47 918	7	84	260	3 414	7 855	2 926
\$1,000 to \$4,999.....	39 358	137	757	2 986	15 565	11 422	2 376
\$5,000 to \$24,999.....	2 896	222	694	1 090	959	100	26
\$25,000 or more.....	83	37	61	9	13	-	-
Hired farm labor..... farms..	49 121	396	1 576	3 710	14 394	11 637	2 679
..... \$1,000..	282 515	36 461	84 335	77 486	78 360	26 862	4 364
Farms with expenses of—							
\$1 to \$4,999.....	37 600	22	60	461	9 817	10 059	2 433
\$5,000 to \$24,999.....	8 880	80	559	2 166	4 058	1 497	246
\$25,000 to \$99,999.....	2 443	191	782	1 062	517	81	-
\$100,000 or more.....	198	103	175	21	2	-	-
Contract labor..... farms..	8 078	79	321	736	2 322	1 624	395
..... \$1,000..	21 032	1 616	3 960	4 447	5 696	3 768	605
Farms with expenses of—							
\$1 to \$999.....	3 846	7	21	113	782	755	241
\$1,000 to \$4,999.....	3 123	20	97	328	1 236	680	125
\$5,000 to \$24,999.....	1 032	36	171	272	318	173	29
\$25,000 or more.....	77	16	32	23	6	16	-
Repair and maintenance..... farms..	91 920	405	1 612	4 336	20 004	19 546	5 386
..... \$1,000..	407 270	14 071	36 031	53 548	148 419	86 343	17 180
Farms with expenses of—							
\$1 to \$4,999.....	63 247	19	147	659	6 659	12 644	4 356
\$5,000 to \$24,999.....	27 602	173	962	3 334	13 146	6 877	1 030
\$25,000 to \$49,999.....	905	131	372	317	190	25	-
\$50,000 or more.....	166	82	131	26	9	-	-
Customwork, machine hire, and rental of machinery and equipment..... farms..	57 354	275	1 087	2 878	13 352	12 287	3 407
..... \$1,000..	133 395	3 272	8 051	12 717	40 987	30 446	7 111
Farms with expenses of—							
\$1 to \$999.....	25 122	17	137	592	4 029	4 722	1 422
\$1,000 to \$4,999.....	25 700	104	495	1 514	7 101	6 017	1 713
\$5,000 to \$24,999.....	6 238	118	395	725	2 105	1 479	272
\$25,000 or more.....	294	36	60	47	117	69	-
Interest expense..... farms..	67 262	391	1 555	3 940	17 270	15 283	3 785
..... \$1,000..	579 338	27 844	71 750	93 114	223 758	102 646	17 826
Farms with expenses of—							
\$1 to \$4,999.....	37 493	19	134	606	5 296	8 132	2 362
\$5,000 to \$24,999.....	24 442	82	496	1 893	9 478	6 720	1 400
\$25,000 to \$99,999.....	5 121	209	771	1 401	2 485	430	23
\$100,000 or more.....	206	81	154	40	11	1	-
Secured by real estate..... farms..	44 371	315	1 255	3 094	12 099	9 417	2 188
..... \$1,000..	390 226	15 267	43 655	62 302	153 277	67 726	11 747
Farms with expenses of—							
\$1 to \$999.....	6 684	8	30	78	639	995	333
\$1,000 to \$4,999.....	16 369	19	126	488	2 867	3 575	911
\$5,000 to \$24,999.....	17 889	101	495	1 631	6 967	4 570	929
\$25,000 or more.....	3 429	187	604	897	1 626	277	15
Not secured by real estate..... farms..	41 208	274	1 037	2 506	11 324	9 876	2 422
..... \$1,000..	189 113	12 577	28 096	30 812	70 481	34 921	6 078
Farms with expenses of—							
\$1 to \$999.....	13 476	3	20	149	1 828	2 595	905
\$1,000 to \$4,999.....	16 664	12	124	568	4 486	4 888	1 160
\$5,000 to \$24,999.....	10 034	92	483	1 479	4 709	2 380	357
\$25,000 or more.....	1 034	167	410	310	301	13	-
Cash rent..... farms..	41 375	266	1 143	3 149	13 399	10 522	2 548
..... \$1,000..	492 800	13 247	41 023	75 906	207 508	105 429	19 341
Farms with expenses of—							
\$1 to \$4,999.....	15 835	27	122	423	3 305	3 620	1 165
\$5,000 to \$9,999.....	8 684	24	155	487	2 611	2 684	543
\$10,000 to \$24,999.....	11 593	72	320	1 139	4 805	3 338	798
\$25,000 or more.....	5 263	143	546	1 100	2 678	880	42
Property taxes..... farms..	87 431	378	1 516	4 038	17 242	16 345	4 586
..... \$1,000..	230 810	4 721	13 757	23 747	69 871	49 844	11 786
Farms with expenses of—							
\$1 to \$4,999.....	75 206	117	584	2 088	12 157	13 486	4 113
\$5,000 to \$9,999.....	9 596	103	472	1 279	3 987	2 578	422
\$10,000 to \$24,999.....	2 474	119	378	632	1 066	279	51
\$25,000 or more.....	155	39	82	39	32	2	-
All other farm production expenses..... farms..	101 919	410	1 630	4 416	20 629	20 694	5 908
..... \$1,000..	513 358	37 491	72 678	76 947	181 251	96 012	18 541
Farms with expenses of—							
\$1 to \$4,999.....	73 591	17	126	717	7 429	13 614	4 938
\$5,000 to \$24,999.....	25 444	126	758	2 787	12 105	6 949	970
\$25,000 to \$49,999.....	2 166	92	379	679	977	131	-
\$50,000 or more.....	718	175	367	233	118	-	-

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>						
—Con.						
Total farm production expenses—Con.						
Electricity ----- farms... \$1,000..	10 341 8 300	4 176 2 789	10 040 5 537	6 296 2 832	3 552 1 334	5 253 1 521
Farms with expenses of—						
\$1 to \$999 .....	7 297	3 256	8 677	5 798	3 360	4 991
\$1,000 to \$4,999 .....	3 025	920	1 363	498	192	254
\$5,000 to \$24,999 .....	19	-	-	-	-	8
\$25,000 or more .....	-	-	-	-	-	-
Hired farm labor ----- farms... \$1,000..	4 848 4 881	1 832 1 636	4 040 2 678	1 974 1 039	1 041 354	1 390 521
Farms with expenses of—						
\$1 to \$4,999 .....	4 648	1 784	3 984	1 951	1 041	1 382
\$5,000 to \$24,999 .....	199	86	56	23	-	8
\$25,000 to \$99,999 .....	1	-	-	-	-	-
\$100,000 or more .....	-	-	-	-	-	-
Contract labor ----- farms... \$1,000..	705 904	253 313	676 791	508 290	252 116	286 142
Farms with expenses of—						
\$1 to \$999 .....	459	164	443	433	218	237
\$1,000 to \$4,999 .....	209	80	210	75	34	49
\$5,000 to \$24,999 .....	37	9	23	-	-	-
\$25,000 or more .....	-	-	-	-	-	-
Repair and maintenance ----- farms... \$1,000..	10 566 26 510	4 186 9 049	10 194 16 038	6 505 7 119	3 915 3 465	5 670 3 569
Farms with expenses of—						
\$1 to \$4,999 .....	9 301	3 828	9 740	6 398	3 895	5 620
\$5,000 to \$24,999 .....	1 264	358	454	107	20	50
\$25,000 to \$49,999 .....	1	-	-	-	-	-
\$50,000 or more .....	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ----- farms... \$1,000..	6 721 14 054	2 731 5 529	6 850 9 428	3 780 3 273	2 030 1 092	2 231 708
Farms with expenses of—						
\$1 to \$999 .....	2 954	1 162	3 553	2 677	1 765	2 109
\$1,000 to \$4,999 .....	3 070	1 274	3 065	1 064	265	122
\$5,000 to \$24,999 .....	696	295	232	39	-	-
\$25,000 or more .....	1	-	-	-	-	-
Interest expense ----- farms... \$1,000..	7 379 26 910	2 757 8 839	6 313 16 731	3 703 7 945	2 064 3 631	3 213 6 188
Farms with expenses of—						
\$1 to \$4,999 .....	5 364	2 190	5 240	3 282	1 904	2 983
\$5,000 to \$24,999 .....	2 012	567	1 072	421	160	223
\$25,000 to \$99,999 .....	3	-	1	-	-	7
\$100,000 or more .....	-	-	-	-	-	-
Secured by real estate ----- farms... \$1,000..	4 136 18 471	1 573 6 241	4 090 12 267	2 720 6 499	1 443 2 916	2 356 5 125
Farms with expenses of—						
\$1 to \$999 .....	788	336	1 234	834	572	845
\$1,000 to \$4,999 .....	1 951	806	1 950	1 596	748	1 351
\$5,000 to \$24,999 .....	1 395	431	905	290	123	153
\$25,000 or more .....	2	-	1	-	-	7
Not secured by real estate ----- farms... \$1,000..	4 865 8 440	1 726 2 597	3 299 4 464	1 692 1 446	1 013 715	1 448 1 063
Farms with expenses of—						
\$1 to \$999 .....	2 284	828	1 807	1 167	829	1 064
\$1,000 to \$4,999 .....	2 169	820	1 380	517	175	377
\$5,000 to \$24,999 .....	412	78	112	8	9	7
\$25,000 or more .....	-	-	-	-	-	-
Cash rent ----- farms... \$1,000..	4 054 23 003	1 407 7 382	2 897 9 464	1 141 2 583	533 712	582 449
Farms with expenses of—						
\$1 to \$4,999 .....	2 162	791	2 146	1 013	516	572
\$5,000 to \$9,999 .....	1 035	371	656	115	17	10
\$10,000 to \$24,999 .....	840	245	95	13	-	-
\$25,000 or more .....	17	-	-	-	-	-
Property taxes ----- farms... \$1,000..	9 256 20 045	3 813 7 432	10 442 15 811	7 421 8 630	4 654 4 109	8 118 5 779
Farms with expenses of—						
\$1 to \$4,999 .....	8 759	3 726	10 289	7 321	4 611	8 072
\$5,000 to \$9,999 .....	468	80	134	94	43	39
\$10,000 to \$24,999 .....	29	7	19	6	-	7
\$25,000 or more .....	-	-	-	-	-	-
All other farm production expenses ----- farms... \$1,000..	11 849 27 446	4 914 10 014	12 576 16 840	7 625 6 801	4 530 3 062	7 148 3 766
Farms with expenses of—						
\$1 to \$4,999 .....	10 634	4 512	12 357	7 609	4 530	7 125
\$5,000 to \$24,999 .....	1 215	402	219	16	-	23
\$25,000 to \$49,999 .....	-	-	-	-	-	-
\$50,000 or more .....	-	-	-	-	-	-

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999	
		\$1,000,000 or more	Total					
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....	number.....	105 184	410	1 630	4 417	20 634	20 700	5 909
	\$1,000.....	2 146 997	133 764	305 240	396 336	914 541	396 972	59 719
Average per farm.....	dollars.....	20 412	326 254	187 264	89 730	44 322	19 177	10 106
Farms with net gains <sup>2</sup> .....	number.....	74 987	372	1 488	4 062	18 911	17 452	4 676
Average net gain.....	dollars.....	31 660	377 706	213 548	100 161	50 287	25 165	15 610
Gain of—								
Less than \$1,000.....		4 767	-	12	26	168	264	143
\$1,000 to \$9,999.....		22 906	5	42	142	1 180	2 801	1 189
\$10,000 to \$49,999.....		33 147	28	165	769	8 922	13 255	3 344
\$50,000 or more.....		14 167	339	1 269	3 125	8 641	1 132	-
Farms with net losses.....	number.....	30 197	38	142	355	1 723	3 248	1 233
Average net loss.....	dollars.....	7 521	177 436	88 165	29 623	21 148	12 996	10 764
Loss of—								
Less than \$1,000.....		4 943	-	4	10	111	188	87
\$1,000 to \$9,999.....		18 984	3	19	93	550	1 495	632
\$10,000 to \$49,999.....		5 889	8	52	190	904	1 513	492
\$50,000 or more.....		381	27	67	62	158	52	22
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....	farms.....	75 203	329	1 366	4 430	18 139	17 797	4 894
	\$1,000.....	1 153 713	18 574	66 951	161 620	424 216	265 336	53 289
Other farm-related income <sup>1</sup> .....	farms.....	30 370	92	482	1 684	7 794	6 847	1 682
	\$1,000.....	132 008	1 044	4 412	10 217	36 564	26 559	6 724
Customwork and other agricultural services.....	farms.....	15 001	47	290	1 090	4 763	3 841	845
	\$1,000.....	61 977	480	2 483	6 393	21 914	15 704	3 363
Gross cash rent or share payments.....	farms.....	8 633	26	93	235	1 237	1 339	458
	\$1,000.....	58 000	437	1 078	2 295	10 553	8 678	2 763
Forest products and Christmas trees.....	farms.....	710	1	4	29	87	74	71
	\$1,000.....	1 876	(D)	32	100	362	140	235
Other farm-related income sources.....	farms.....	11 908	42	232	784	3 614	2 920	667
	\$1,000.....	10 156	(D)	819	1 430	3 736	2 037	363
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....	farms.....	51 178	230	1 075	3 680	14 847	13 698	3 589
	\$1,000.....	1 598 775	32 985	115 655	269 572	648 177	361 768	63 221
Corn.....	farms.....	50 551	226	1 063	3 852	14 735	13 571	3 541
	\$1,000.....	1 298 123	27 713	97 011	218 950	519 801	291 314	52 223
Wheat.....	farms.....	61	-	-	1	23	15	3
	\$1,000.....	127	-	-	(D)	64	42	(Z)
Soybeans.....	farms.....	14 094	71	338	1 283	4 865	3 994	876
	\$1,000.....	298 747	(D)	18 600	50 350	128 040	69 853	10 852
Sorghum, barley, and oats.....	farms.....	86	1	3	8	18	26	12
	\$1,000.....	190	(D)	44	(D)	(D)	62	22
Cotton.....	farms.....	-	-	-	-	-	-	-
	\$1,000.....	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....	farms.....	70	-	-	1	2	9	5
	\$1,000.....	1 587	-	-	(D)	(D)	497	123
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....	farms.....	96 749	376	1 519	4 787	19 677	19 960	5 750
	acres.....	27 290 868	407 313	1 385 621	3 420 671	9 563 566	6 493 111	1 374 769
Harvested cropland.....	farms.....	92 878	370	1 494	4 746	19 571	19 804	5 660
	acres.....	20 484 178	336 697	1 133 182	2 743 066	7 476 976	4 892 483	1 001 488
Farms by acres harvested:								
1 to 49 acres.....		17 548	7	32	72	239	544	292
50 to 99 acres.....		13 958	10	23	56	508	1 248	597
100 to 199 acres.....		23 454	16	61	324	3 069	5 515	2 639
200 to 499 acres.....		29 005	90	441	1 878	10 810	11 907	2 115
500 to 999 acres.....		7 723	134	592	1 825	4 692	588	16
1,000 to 1,999 acres.....		1 114	86	290	569	252	2	1
2,000 acres or more.....		78	27	55	22	1	-	-
Cropland:								
Pasture or grazing only.....	farms.....	36 766	132	521	1 819	7 844	7 931	2 243
	acres.....	2 283 547	17 256	62 847	183 743	616 665	546 099	137 533
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms.....	27 088	92	408	1 311	5 802	6 169	1 817
	acres.....	1 670 711	13 896	52 620	148 611	493 868	398 002	93 637
On which all crops failed.....	farms.....	1 640	6	18	50	225	288	108
	acres.....	45 013	176	980	1 868	10 248	10 503	2 352
In cultivated summer fallow.....	farms.....	844	3	13	26	141	170	70
	acres.....	45 160	460	1 880	2 196	9 755	11 648	3 895
Idle.....	farms.....	42 114	211	874	2 781	10 667	9 926	2 686
	acres.....	2 762 259	38 828	134 112	341 187	956 054	634 376	135 864
Total woodland.....	farms.....	24 782	62	292	996	4 407	4 657	1 380
	acres.....	1 316 448	7 341	32 890	77 318	302 661	285 908	75 034
Woodland pastured.....	farms.....	14 393	32	152	546	2 664	2 802	830
	acres.....	774 976	4 886	20 104	44 202	184 069	174 007	45 509
Woodland not pastured.....	farms.....	14 477	40	196	607	2 650	2 716	800
	acres.....	541 472	2 455	12 786	33 116	118 592	111 901	29 525

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>						
All farms..... number..	11 849	4 914	12 594	8 587	5 200	8 750
..... \$1,000..	85 241	13 488	15 984	-6 873	-9 894	-23 759
Average per farm..... dollars..	7 194	2 745	1 269	-800	-1 903	-2 715
Farms with net gains <sup>2</sup> ..... number..	9 181	3 395	7 979	4 496	1 964	1 383
Average net gain..... dollars..	11 464	7 479	5 037	2 659	1 403	573
Gain of—						
Less than \$1,000.....	347	239	693	906	826	1 143
\$1,000 to \$9,999.....	3 789	2 116	6 679	3 590	1 138	240
\$10,000 to \$49,999.....	5 045	1 040	607	-	-	-
\$50,000 or more.....	-	-	-	-	-	-
Farms with net losses..... number..	2 668	1 519	4 615	4 091	3 236	7 367
Average net loss..... dollars..	7 501	7 835	5 245	4 602	3 909	3 333
Loss of—						
Less than \$1,000.....	378	134	722	717	689	1 903
\$1,000 to \$9,999.....	1 559	984	3 209	2 983	2 308	5 152
\$10,000 to \$49,999.....	730	400	682	390	239	297
\$50,000 or more.....	1	1	2	1	-	15
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>						
Government payments..... farms..	9 191	3 632	8 022	4 057	1 875	1 860
..... \$1,000..	79 321	25 105	44 319	16 908	7 606	9 042
Other farm-related income <sup>1</sup> ..... farms..	3 447	1 122	2 783	1 663	1 095	1 791
..... \$1,000..	13 366	3 975	11 176	8 604	4 066	6 346
Customwork and other agricultural services..... farms..	1 632	528	926	470	239	377
..... \$1,000..	5 928	1 490	2 525	1 310	464	405
Gross cash rent or share payments..... farms..	857	373	1 276	962	689	1 114
..... \$1,000..	6 527	2 156	8 188	6 871	3 452	5 439
Forest products and Christmas trees..... farms..	74	15	125	68	67	96
..... \$1,000..	175	17	132	268	95	320
Other farm-related income sources..... farms..	1 440	414	919	365	201	352
..... \$1,000..	736	312	331	155	55	183
<b>COMMODITY CREDIT CORPORATION LOANS</b>						
Total..... farms..	6 019	2 192	4 021	1 412	443	202
..... \$1,000..	82 009	23 005	28 371	5 650	1 064	284
Corn..... farms..	5 938	2 143	3 923	1 379	417	189
..... \$1,000..	68 603	19 376	24 483	5 168	929	265
Wheat..... farms..	5	1	9	4	-	-
..... \$1,000..	7	(D)	(D)	6	-	-
Soybeans..... farms..	1 356	496	678	152	44	12
..... \$1,000..	13 203	3 608	3 693	(D)	73	(D)
Sorghum, barley, and oats..... farms..	8	2	6	3	-	-
..... \$1,000..	10	(D)	(D)	1	-	-
Cotton..... farms..	-	-	-	-	-	-
..... \$1,000..	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms..	10	2	16	2	15	8
..... \$1,000..	186	(D)	185	(D)	62	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>						
Total cropland..... farms..	11 098	4 646	11 201	7 030	4 367	6 714
..... acres..	2 130 850	702 780	1 268 035	520 423	207 522	223 520
Harvested cropland..... farms..	10 899	4 505	10 695	6 373	3 801	5 330
..... acres..	1 506 652	479 992	809 994	277 555	93 303	69 487
Farms by acres harvested:						
1 to 49 acres.....	763	473	2 444	4 042	3 422	5 225
50 to 99 acres.....	1 815	1 458	5 706	2 094	358	93
100 to 199 acres.....	6 775	2 382	2 434	229	19	7
200 to 499 acres.....	1 541	189	110	7	2	5
500 to 999 acres.....	5	3	1	1	-	-
1,000 to 1,999 acres.....	-	-	-	-	-	-
2,000 acres or more.....	-	-	-	-	-	-
Cropland:						
Pasture or grazing only..... farms..	4 177	1 672	3 968	2 547	1 597	2 447
..... acres..	242 967	90 476	191 003	99 979	47 060	65 175
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms..	3 443	1 380	3 151	1 718	904	985
..... acres..	155 404	54 260	122 846	68 512	36 968	45 983
On which all crops failed..... farms..	174	71	215	155	119	217
..... acres..	3 999	1 689	3 989	3 241	1 863	4 281
In cultivated summer fallow..... farms..	106	40	111	77	36	54
..... acres..	4 926	1 928	4 474	2 382	1 192	884
Idle..... farms..	5 042	2 039	4 258	1 982	875	984
..... acres..	216 902	74 435	135 729	68 754	27 136	37 710
Total woodland..... farms..	2 633	1 128	3 210	2 250	1 520	2 309
..... acres..	133 859	55 087	142 484	92 049	52 494	66 664
Woodland pastured..... farms..	1 516	675	1 880	1 307	841	1 180
..... acres..	82 057	34 155	83 974	49 686	27 358	29 855
Woodland not pastured..... farms..	1 535	625	1 815	1 271	856	1 406
..... acres..	51 802	20 932	58 510	42 363	25 136	36 809

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Pastureland and rangeland other than cropland and woodland pastured	farms... 22 415 acres... 1 452 248	84 32 120	326 85 013	1 057 126 366	4 495 385 774	4 421 317 804	1 238 72 918
Land in house lots, ponds, roads, wasteland, etc.	farms... 79 586 acres... 1 578 566	335 20 887	1 320 70 002	3 955 156 438	15 779 471 254	15 828 348 472	4 454 81 563
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs	farms... 69 141 acres... 3 560 902	322 49 856	1 336 178 185	4 366 474 097	17 839 1 352 558	17 232 878 658	4 674 174 327
Conservation reserve program	farms... 8 050 acres... 697 896	48 6 485	173 19 285	386 38 290	1 494 128 130	1 431 127 757	433 37 386
Value of land and buildings <sup>1</sup>	farms... 105 184 \$1,000... 29 829 901	410 537 107	1 630 1 736 605	4 417 3 528 520	20 634 10 651 864	20 700 6 733 422	5 909 1 377 203
Average per farm	dollars... 283 597	1 310 017	1 065 402	798 850	516 229	325 286	233 069
Average per acre	dollars... 947	1 148	1 104	1 022	962	913	878
Farms by value group:							
\$1 to \$39,999	13 227	4	31	85	386	717	307
\$40,000 to \$69,999	11 020	3	27	28	257	486	256
\$70,000 to \$99,999	9 152	7	22	39	287	802	364
\$100,000 to \$149,999	12 468	13	37	82	731	1 705	825
\$150,000 to \$199,999	9 769	4	28	84	1 065	2 026	930
\$200,000 to \$499,999	31 637	52	277	1 090	8 637	11 364	2 965
\$500,000 to \$999,999	14 045	131	536	1 766	7 596	3 402	246
\$1,000,000 to \$1,999,999	3 466	125	496	1 091	1 616	191	16
\$2,000,000 to \$4,999,999	380	58	161	154	55	7	-
\$5,000,000 or more	20	13	15	1	4	-	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment	farms... 104 901 \$1,000... 5 543 375	410 94 861	1 630 293 395	4 417 611 288	20 625 1 934 664	20 692 1 264 615	5 909 264 091
Farms by value group:							
\$1 to \$4,999	6 659	-	2	14	69	244	151
\$5,000 to \$9,999	12 872	2	3	21	132	482	259
\$10,000 to \$19,999	15 609	1	25	81	552	1 776	858
\$20,000 to \$49,999	28 782	6	70	305	3 672	7 173	2 606
\$50,000 to \$99,999	22 911	58	287	1 082	7 888	7 363	1 439
\$100,000 to \$199,999	14 193	167	659	1 929	6 761	3 089	555
\$200,000 to \$499,999	3 763	139	535	963	1 518	557	41
\$500,000 or more	112	37	49	22	33	8	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Motortrucks, including pickups	farms... 93 674 number... 143 433	397 1 586	1 582 4 796	4 300 9 805	19 898 35 103	19 436 29 512	5 433 7 746
Wheel tractors	farms... 97 120 number... 302 392	397 2 393	1 595 8 405	4 315 19 882	20 078 77 326	19 698 66 450	5 473 17 568
Less than 40 horsepower (PTO)	farms... 48 200 number... 79 062	154 362	630 1 309	1 871 3 285	9 094 15 076	8 809 14 493	2 601 4 461
40 horsepower (PTO) or more	farms... 85 755 number... 223 330	385 2 031	1 544 7 096	4 230 16 597	19 447 62 250	19 003 51 957	5 153 13 107
Grain and bean combines	farms... 55 575 number... 60 004	266 337	1 210 1 408	3 623 4 055	15 709 16 934	13 747 14 726	3 536 3 881
Cottonpickers and strippers	farms... - number... -	- -	- -	- -	- -	- -	- -
Mower conditioners	farms... 29 756 number... 31 333	164 194	661 736	1 753 1 908	7 718 8 179	6 763 7 074	1 673 1 732
Pickup balers	farms... 40 640 number... 46 867	162 197	718 845	2 108 2 478	9 975 11 756	9 005 10 544	2 441 2 905
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>							
Commercial fertilizer	farms... 83 051 acres on which used... 13 313 702	351 255 707	1 451 821 931	4 192 1 733 262	19 581 5 043 747	18 998 3 097 152	5 310 607 476
Lime	farms... 17 823 acres on which used... 1 219 181	96 21 870	403 66 601	1 300 150 637	5 352 441 586	4 186 257 799	913 48 637
Sprays, dusts, granules, fumigants, etc., to control—	tons... 2 846 408	46 696	145 998	359 104	1 016 426	601 673	113 221
Insects on hay and other crops	farms... 41 361 acres on which used... 4 910 343	255 142 964	1 006 407 235	2 769 735 022	11 488 1 827 246	9 595 1 042 626	2 445 201 894
Nematodes in crops	farms... 2 548 acres on which used... 267 277	17 7 958	70 23 477	137 32 428	664 89 544	645 66 268	133 8 164
Diseases in crops and orchards	farms... 1 330 acres on which used... 112 420	9 3 286	29 13 556	70 15 249	208 26 721	250 20 912	48 2 334
Weeds, grass, or brush in crops and pasture	farms... 70 486 acres on which used... 14 709 093	302 254 658	1 204 817 467	3 488 1 850 830	16 647 5 738 325	16 140 3 451 681	4 575 703 145
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 1 066 acres on which used... 120 779	4 1 663	19 6 663	65 18 599	237 38 775	162 27 964	68 7 665

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>						
Pastureland and rangeland other than cropland and woodland pastured	farms... 2 364	1 007	2 454	1 859	1 241	1 953
	acres... 129 858	50 682	116 825	71 781	38 684	56 343
Land in house lots, ponds, roads, wasteland, etc.	farms... 8 833	3 695	9 080	5 970	4 081	6 631
	acres... 142 504	50 696	107 386	65 000	34 199	51 052
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs	farms... 8 615	3 288	6 905	3 034	1 146	707
	acres... 252 718	78 396	121 371	36 887	9 356	4 349
Conservation reserve program	farms... 618	334	974	759	481	757
	acres... 76 357	29 842	87 181	58 958	34 505	60 205
Value of land and buildings <sup>1</sup>	farms... 11 849	4 914	12 594	8 587	5 200	8 750
	\$1,000... 2 119 805	737 035	1 400 952	694 139	318 994	531 362
Average per farm	dollars... 178 902	149 987	111 240	80 836	61 345	60 727
Average per acre	dollars... 851	873	851	891	1 002	1 360
Farms by value group:						
\$1 to \$39,999	758	466	1 735	2 513	2 173	4 056
\$40,000 to \$69,999	1 007	447	2 306	2 478	1 453	2 277
\$70,000 to \$99,999	1 151	600	2 659	1 435	619	1 135
\$100,000 to \$149,999	2 217	1 276	3 204	1 120	585	686
\$150,000 to \$199,999	2 314	1 068	1 353	472	193	236
\$200,000 to \$499,999	4 178	984	1 220	508	161	253
\$500,000 to \$999,999	222	66	105	39	15	52
\$1,000,000 to \$1,999,999	2	6	12	20	1	15
\$2,000,000 to \$4,999,999	1	1	-	2	-	-
\$5,000,000 or more	-	-	-	-	-	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Estimated market value of all machinery and equipment	farms... 11 833	4 906	12 587	8 542	5 176	8 584
	\$1,000... 413 152	155 050	306 205	151 683	78 139	71 090
Farms by value group:						
\$1 to \$4,999	497	286	1 034	1 381	1 023	1 958
\$5,000 to \$9,999	895	525	1 915	1 931	1 517	5 192
\$10,000 to \$19,999	2 488	1 100	4 209	2 377	1 362	781
\$20,000 to \$49,999	5 075	2 039	4 011	2 284	990	557
\$50,000 to \$99,999	2 270	755	1 044	443	269	71
\$100,000 to \$199,999	559	175	311	126	15	14
\$200,000 to \$499,999	49	28	63	-	-	11
\$500,000 or more	-	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>						
Motortrucks, including pickups	farms... 10 499	4 241	10 601	6 854	4 118	6 712
	number... 14 354	6 131	13 757	9 157	5 136	7 936
Wheel tractors	farms... 10 906	4 500	11 664	7 632	4 381	6 878
	number... 32 040	12 948	29 762	17 459	9 038	11 516
Less than 40 horsepower (PTO)	farms... 5 221	2 205	6 344	4 274	2 730	4 421
	number... 8 472	3 530	10 614	6 794	4 411	6 617
40 horsepower (PTO) or more	farms... 10 007	4 124	9 757	5 858	3 063	3 589
	number... 23 588	9 416	19 148	10 665	4 627	4 899
Grain and bean combines	farms... 6 387	2 246	4 882	2 489	1 140	606
	number... 6 843	2 360	5 189	2 676	1 251	681
Cottonpickers and strippers	farms... -	-	-	-	-	-
	number... -	-	-	-	-	-
Mower conditioners	farms... 3 078	1 246	3 173	1 808	1 028	855
	number... 3 215	1 312	3 355	1 861	1 082	879
Pickup balers	farms... 4 589	1 744	4 405	2 810	1 566	1 299
	number... 5 151	2 017	4 949	3 087	1 728	1 407
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>						
Commercial fertilizer	farms... 10 031	3 953	9 664	4 941	2 313	2 617
	acres on which used... 900 245	295 499	534 816	176 402	61 380	41 792
Lime	farms... 1 785	571	1 593	876	329	515
	acres on which used... 85 878	24 443	78 600	37 409	15 079	12 512
	tons... 199 010	57 545	198 119	88 099	37 821	29 392
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops	farms... 4 745	1 909	3 770	1 815	743	1 076
	acres on which used... 333 146	103 471	176 472	57 846	12 666	12 719
Nematodes in crops	farms... 251	148	279	138	62	21
	acres on which used... 17 768	8 496	14 213	5 781	966	174
Diseases in crops and orchards	farms... 186	73	217	99	53	97
	acres on which used... 11 075	4 682	13 152	3 985	358	396
Weeds, grass, or brush in crops and pasture	farms... 8 647	3 418	8 133	4 227	2 019	1 988
	acres on which used... 1 051 017	315 771	531 728	169 049	45 685	34 395
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 137	39	154	115	33	37
	acres on which used... 8 645	1 218	7 732	3 071	278	169

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>TENURE AND RACE OF OPERATOR</b>							
All operators -----	105 180	410	1 630	4 957	20 200	20 656	5 996
Full owners -----	48 226	124	394	957	4 103	6 033	2 283
Part owners -----	35 207	248	1 067	3 341	11 706	9 092	1 997
Tenants -----	21 747	38	169	659	4 391	5 531	1 716
White -----	105 056	410	1 630	4 954	20 186	20 637	5 992
Full owners -----	48 162	124	394	957	4 099	6 030	2 280
Part owners -----	35 182	248	1 067	3 339	11 701	9 086	1 996
Tenants -----	21 712	38	169	658	4 386	5 521	1 716
Black and other races -----	124	-	-	3	14	19	4
Full owners -----	64	-	-	-	4	3	3
Part owners -----	25	-	-	2	5	6	1
Tenants -----	35	-	-	1	5	10	-
<b>OWNED AND RENTED LAND</b>							
Land owned ----- farms...	84 315	372	1 471	4 318	15 940	15 289	4 350
acres...	17 021 650	257 791	778 022	1 633 166	4 513 694	3 597 865	917 152
Owned land in farms ----- farms...	83 433	372	1 461	4 298	15 809	15 125	4 280
acres...	15 050 360	248 193	745 595	1 553 867	4 226 062	3 316 876	821 184
Land rented or leased from others ----- farms...	57 231	288	1 242	4 012	16 132	14 667	3 725
acres...	16 739 305	221 989	834 420	2 237 612	6 533 798	4 164 714	790 341
Rented or leased land in farms ----- farms...	56 954	286	1 236	4 000	16 097	14 623	3 713
acres...	16 587 770	219 468	827 931	2 226 926	6 497 193	4 128 419	783 100
Land rented or leased to others ----- farms...	14 144	49	166	423	1 669	1 845	618
acres...	2 122 825	12 119	38 916	89 985	324 237	317 284	103 209
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated -----	78 710	282	1 282	4 291	17 431	16 805	4 542
Not on farm operated -----	20 505	83	223	390	1 984	3 013	1 177
Not reported -----	5 965	45	125	276	785	838	277
Operators by principal occupation:							
Farming -----	75 279	368	1 518	4 784	19 171	18 377	4 866
Other -----	29 901	42	112	173	1 029	2 279	1 130
Operators by days of work off farm:							
None -----	51 753	325	1 290	3 774	13 914	11 988	2 995
Any -----	46 229	60	238	835	5 018	7 274	2 565
1 to 99 days -----	13 104	27	122	533	3 126	3 485	883
100 to 199 days -----	7 197	6	33	122	745	1 350	539
200 days or more -----	25 928	27	83	180	1 147	2 439	1 143
Not reported -----	7 198	25	102	348	1 268	1 394	436
Operators by years on present farm:							
2 years or less -----	5 787	11	37	97	532	878	330
3 or 4 years -----	5 973	9	40	129	781	1 064	364
5 to 9 years -----	13 617	30	110	409	2 326	2 681	853
10 years or more -----	65 721	275	1 170	3 633	14 592	13 954	3 771
Average years on present farm -----	19.7	23.4	23.1	21.8	20.5	20.6	20.5
Not reported -----	14 082	85	273	689	1 969	2 079	678
Operators by age group:							
Under 25 years -----	2 852	1	8	35	314	552	190
25 to 34 years -----	17 458	41	204	805	4 005	4 047	1 112
35 to 44 years -----	21 282	79	375	1 325	5 039	3 972	1 084
45 to 49 years -----	10 512	58	238	650	2 341	1 950	518
50 to 54 years -----	11 232	58	215	677	2 477	2 312	572
55 to 59 years -----	12 608	68	261	658	2 744	2 857	750
60 to 64 years -----	12 679	68	201	519	2 051	2 914	880
65 to 69 years -----	7 848	23	79	169	750	1 174	482
70 years and over -----	8 709	14	49	119	479	878	408
Average age -----	49.3	50.7	49.0	47.0	46.2	47.8	49.0
Operators by sex:							
Male -----	101 838	406	1 618	4 909	19 988	20 321	5 881
Female -----	3 342	4	12	48	212	335	115
Operators of Spanish origin (see text) -----	105	-	-	3	19	23	5
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) ----- farms...	89 188	151	807	3 286	16 470	17 809	5 211
acres...	25 058 946	150 113	673 759	2 372 730	8 568 466	6 408 728	1 393 145
Partnership ----- farms...	11 088	76	283	788	2 357	2 095	613
acres...	3 802 372	105 869	347 221	667 342	1 236 375	712 860	157 675
Corporation:							
Family held ----- farms...	4 094	164	484	801	1 282	650	142
acres...	2 568 304	200 588	532 083	709 087	864 687	288 097	45 200
More than 10 stockholders ----- farms...	81	8	16	11	21	18	4
10 or less stockholders ----- farms...	4 013	156	468	790	1 261	632	138
Other than family held ----- farms...	310	17	49	59	50	31	11
acres...	91 558	(D)	13 776	15 939	33 363	11 099	3 063
More than 10 stockholders ----- farms...	34	3	6	5	8	-	-
10 or less stockholders ----- farms...	276	14	43	54	42	31	11
Other—cooperative, estate or trust, institutional, etc. ----- farms...	500	2	7	23	41	71	19
acres...	116 950	(D)	6 687	15 695	20 364	24 711	5 201

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>TENURE AND RACE OF OPERATOR</b>						
All operators .....	11 756	5 009	12 427	8 252	5 498	8 799
Full owners .....	5 635	2 798	7 974	6 136	4 399	7 514
Part owners .....	3 117	968	1 923	897	499	600
Tenants .....	3 004	1 243	2 530	1 219	600	685
White .....	11 740	5 002	12 407	8 246	5 490	8 772
Full owners .....	5 628	2 795	7 961	6 131	4 393	7 494
Part owners .....	3 113	965	1 922	896	499	598
Tenants .....	2 999	1 242	2 524	1 219	598	680
Black and other races .....	16	7	20	6	8	27
Full owners .....	7	3	13	5	6	20
Part owners .....	4	3	1	1	-	2
Tenants .....	5	1	6	-	2	5
<b>OWNED AND RENTED LAND</b>						
Land owned .....	8 889	3 837	10 070	7 099	4 917	8 135
farms .....	1 682 685	645 394	1 486 431	827 741	405 251	534 249
acres .....	8 752	3 766	9 897	7 033	4 898	8 114
Owned land in farms .....	1 458 720	535 866	1 161 257	593 114	284 787	353 032
Land rented or leased from others .....	6 164	2 222	4 499	2 140	1 113	1 315
farms .....	1 100 172	326 549	490 910	161 112	50 847	48 830
acres .....	6 121	2 211	4 453	2 116	1 099	1 285
Rented or leased land in farms .....	1 078 351	323 379	473 473	156 139	48 312	44 547
acres .....	1 444	719	2 307	1 884	1 225	1 844
Land rented or leased to others .....	245 786	112 698	342 611	239 600	122 999	185 500
<b>OPERATOR CHARACTERISTICS</b>						
Operators by place of residence:						
On farm operated .....	8 165	3 321	7 855	5 234	3 622	6 162
Not on farm operated .....	2 964	1 407	3 748	2 369	1 372	1 858
Not reported .....	627	281	824	649	504	779
Operators by principal occupation:						
Farming .....	8 537	3 330	7 155	3 636	1 894	2 011
Other .....	3 219	1 679	5 272	4 616	3 604	6 788
Operators by days of work off farm:						
None .....	5 226	2 043	4 617	2 615	1 402	1 889
Any .....	5 622	2 554	6 815	5 035	3 728	6 545
1 to 99 days .....	1 563	585	1 211	639	380	577
100 to 199 days .....	1 094	465	1 058	700	439	652
200 days or more .....	2 965	1 504	4 546	3 696	2 909	5 316
Not reported .....	908	412	995	602	368	365
Operators by years on present farm:						
2 years or less .....	798	383	979	685	407	661
3 or 4 years .....	741	327	843	580	401	703
5 to 9 years .....	1 597	642	1 660	1 115	825	1 399
10 years or more .....	7 079	2 956	6 983	4 399	2 829	4 355
Average years on present farm .....	20.0	20.1	19.4	18.5	16.8	15.0
Not reported .....	1 541	701	1 962	1 473	1 036	1 681
Operators by age group:						
Under 25 years .....	452	164	484	239	179	235
25 to 34 years .....	1 897	776	1 794	1 054	690	1 074
35 to 44 years .....	2 031	832	2 075	1 453	1 057	2 039
45 to 49 years .....	998	439	996	763	531	1 088
50 to 54 years .....	1 085	422	1 113	791	631	937
55 to 59 years .....	1 342	528	1 163	819	570	916
60 to 64 years .....	1 692	681	1 503	853	538	847
65 to 69 years .....	1 103	505	1 403	936	546	701
70 years and over .....	1 156	662	1 896	1 344	756	962
Average age .....	50.3	51.5	52.0	52.7	51.6	50.3
Operators by sex:						
Male .....	11 391	4 820	11 822	7 743	5 192	8 153
Female .....	365	189	605	509	306	646
Operators of Spanish origin (see text) .....	11	7	14	12	4	7
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Individual or family (sole proprietorship) .....	10 178	4 313	10 771	7 258	5 001	8 084
farms .....	2 192 595	736 606	1 403 413	651 206	301 895	356 403
acres .....	1 284	564	1 365	808	393	538
Partnership .....	268 479	95 978	185 839	78 104	24 460	28 239
acres .....						
Corporation:						
Family held .....	216	84	186	98	53	98
farms .....	55 882	18 265	30 662	11 836	4 051	8 454
acres .....	2	3	3	3	-	-
More than 10 stockholders .....	2	3	3	3	-	-
10 or less stockholders .....	214	81	183	95	53	98
farms .....	19	9	22	20	22	18
Other than family held .....	4 471	1 196	3 486	2 103	1 407	1 655
farms .....	1	4	1	3	4	2
acres .....	18	5	21	17	18	16
10 or less stockholders .....						
Other—cooperative, estate or trust, institutional, etc. .....	59	39	83	68	29	61
farms .....	15 644	7 200	11 330	6 004	1 286	2 828
acres .....						

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>FARMS BY SIZE</b>							
1 to 9 acres .....	7 974	16	66	137	486	674	249
10 to 49 acres .....	10 981	23	69	93	197	334	166
50 to 99 acres .....	2 901	2	6	12	40	104	49
70 to 99 acres .....	6 981	4	14	27	181	308	154
100 to 139 acres .....	7 168	3	10	39	236	626	269
140 to 179 acres .....	10 506	6	21	62	775	1 413	683
180 to 219 acres .....	6 574	3	16	68	731	1 286	595
220 to 259 acres .....	7 119	10	35	128	1 051	1 807	971
260 to 499 acres .....	25 378	50	230	1 059	6 671	9 915	2 484
500 to 999 acres .....	15 874	117	564	2 028	8 280	3 982	356
1,000 to 1,999 acres .....	3 401	129	474	1 178	1 498	194	18
2,000 acres or more .....	323	47	125	126	54	13	2
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	50 200	14	129	1 241	8 263	11 391	3 647
Field crops, except cash grains (013) .....	1 451	1	2	2	5	15	10
Cotton (0131) .....	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	1	2	2	5	15	10
Vegetables and melons (016) .....	213	-	1	1	14	9	4
Fruits and tree nuts (017) .....	195	-	-	-	7	6	4
Horticultural specialties (018) .....	278	5	17	19	40	35	14
General farms, primarily crop (019) .....	1 039	1	4	13	84	123	38
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	350	1 351	3 388	9 860	7 144	1 816
Beef cattle, except feedlots (0212) .....	10 095	9	55	102	329	519	267
Dairy farms (024) .....	4 209	2	14	131	1 331	1 459	368
Poultry and eggs (025) .....	570	37	100	75	119	71	9
Animal specialties (027) .....	1 601	-	4	6	12	37	17
General farms, primarily livestock and animal specialties (029) .....	1 445	-	8	81	465	366	69
<b>LIVESTOCK</b>							
Cattle and calves inventory .....	49 469	308	1 145	2 814	10 741	10 328	2 804
farms .....	49 469	308	1 145	2 814	10 741	10 328	2 804
number .....	4 303 682	425 837	788 581	590 883	1 225 092	784 812	164 013
Farms with—							
1 to 9 .....	4 928	-	12	43	296	457	170
10 to 49 .....	19 719	2	33	280	2 109	3 354	1 208
50 to 99 .....	12 289	4	49	412	3 109	3 785	1 012
100 to 199 .....	8 310	9	112	795	3 787	2 297	372
200 to 499 .....	3 423	33	391	1 126	1 364	422	42
500 or more .....	800	260	548	158	76	13	-
Cows and heifers that had calved .....	38 373	82	427	1 656	8 141	8 447	2 355
farms .....	38 373	82	427	1 656	8 141	8 447	2 355
number .....	1 418 633	21 225	67 037	135 206	453 413	335 980	74 346
Beef cows .....	32 279	73	388	1 352	6 118	6 544	1 899
farms .....	32 279	73	388	1 352	6 118	6 544	1 899
number .....	1 123 745	18 913	58 830	103 992	319 907	254 766	59 657
Farms with—							
1 to 9 .....	5 883	-	11	67	423	618	214
10 to 49 .....	19 651	10	104	545	3 242	4 107	1 315
50 to 99 .....	4 965	16	106	392	1 697	1 443	330
100 to 199 .....	1 467	19	84	262	643	356	39
200 to 499 .....	276	17	59	78	108	20	1
500 or more .....	37	11	24	8	5	-	-
Milk cows .....	7 748	9	54	378	2 466	2 328	559
farms .....	7 748	9	54	378	2 466	2 328	559
number .....	294 888	2 312	8 207	31 214	133 506	81 214	14 689
Farms with—							
1 to 4 .....	880	-	2	11	60	114	35
5 to 9 .....	278	-	-	-	9	41	16
10 to 49 .....	4 340	1	6	66	977	1 741	477
50 to 99 .....	1 955	3	16	185	1 276	428	31
100 to 199 .....	272	1	16	108	143	4	-
200 to 499 .....	22	3	13	8	1	-	-
500 or more .....	1	1	1	-	-	-	-
Heifers and heifer calves .....	38 383	213	771	2 048	8 602	8 414	2 273
farms .....	38 383	213	771	2 048	8 602	8 414	2 273
number .....	1 275 321	151 556	268 186	197 188	366 725	216 708	42 501
Steers, steer calves, bulls, and bull calves .....	42 527	269	981	2 416	9 339	9 043	2 457
farms .....	42 527	269	981	2 416	9 339	9 043	2 457
number .....	1 609 728	253 056	453 358	258 489	404 954	232 124	47 166
Cattle and calves sold .....	50 509	312	1 178	3 003	11 202	10 658	2 870
farms .....	50 509	312	1 178	3 003	11 202	10 658	2 870
number .....	3 539 020	755 444	1 241 055	600 802	808 924	416 831	87 080
\$1,000 .....	2 124 641	535 737	864 655	389 515	459 422	208 835	40 250
Calves .....	16 116	20	87	443	2 740	3 153	987
farms .....	16 116	20	87	443	2 740	3 153	987
number .....	355 396	3 829	18 108	22 058	96 196	75 431	20 577
\$1,000 .....	101 352	1 202	5 688	6 610	26 404	20 849	5 828
Cattle .....	43 833	309	1 163	2 889	10 362	9 572	2 512
farms .....	43 833	309	1 163	2 889	10 362	9 572	2 512
number .....	3 183 624	751 615	1 222 947	578 744	712 728	341 400	66 503
\$1,000 .....	2 023 290	534 535	858 966	382 905	433 018	187 986	34 422
Fattened on grain and concentrates .....	22 503	290	1 034	2 256	6 556	5 151	1 158
farms .....	22 503	290	1 034	2 256	6 556	5 151	1 158
number .....	2 405 669	715 501	1 132 056	480 236	489 492	184 056	29 066
\$1,000 .....	1 643 176	508 963	803 181	332 146	322 823	115 719	17 731

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>FARMS BY SIZE</b>						
1 to 9 acres .....	625	308	1 100	1 043	1 015	2 271
10 to 49 acres .....	355	263	972	1 979	2 262	4 291
50 to 69 acres .....	161	95	632	801	472	529
70 to 99 acres .....	433	358	2 510	1 665	701	630
100 to 139 acres .....	938	815	2 305	1 070	433	427
140 to 179 acres .....	2 669	1 391	2 168	787	285	252
180 to 219 acres .....	1 656	602	1 013	348	129	130
220 to 259 acres .....	1 665	436	666	221	69	70
260 to 499 acres .....	2 847	660	934	287	121	170
500 to 999 acres .....	393	74	116	45	11	25
1,000 to 1,999 acres .....	13	7	11	4	-	4
2,000 acres or more .....	1	-	-	2	-	-
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>						
Cash grains (011) .....	7 326	3 063	7 057	3 735	2 009	2 339
Field crops, except cash grains (013) .....	40	21	109	173	222	852
Cotton (0131) .....	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	40	21	109	173	222	852
Vegetables and melons (016) .....	8	5	37	41	46	47
Fruits and tree nuts (017) .....	8	7	14	26	34	89
Horticultural specialties (018) .....	20	15	32	33	24	29
General farms, primarily crop (019) .....	86	43	94	78	27	449
Livestock, except dairy, poultry, and animal specialties (021) .....	3 679	1 650	4 708	3 985	2 909	3 489
Beef cattle, except feedlots (0212) .....	829	527	1 996	2 135	1 589	1 747
Dairy farms (024) .....	458	145	230	37	15	21
Poultry and eggs (025) .....	10	7	9	18	24	128
Animal specialties (027) .....	26	18	89	110	171	1 111
General farms, primarily livestock and animal specialties (029) .....	95	35	48	16	17	245
<b>LIVESTOCK</b>						
Cattle and calves inventory .....	5 282	2 189	5 438	3 729	2 358	2 641
farms... ..	278 382	97 438	202 610	99 388	41 962	30 521
Farms with—						
1 to 9 .....	304	181	529	604	697	1 635
10 to 49 .....	2 694	1 272	3 550	2 666	1 592	961
50 to 99 .....	1 696	554	1 145	429	65	33
100 to 199 .....	536	171	204	29	4	3
200 to 499 .....	52	10	9	-	7	7
500 or more .....	-	1	1	1	-	2
Cows and heifers that had calved .....	4 394	1 763	4 479	2 978	1 835	1 898
farms... ..	128 864	45 003	97 401	48 175	19 910	13 298
Beef cows .....	3 810	1 574	4 161	2 887	1 785	1 761
number... ..	113 679	40 740	92 494	47 288	19 558	12 834
Farms with—						
1 to 9 .....	457	259	773	817	853	1 391
10 to 49 .....	2 752	1 124	3 154	2 025	928	355
50 to 99 .....	537	183	222	43	4	8
100 to 199 .....	61	8	9	1	-	4
200 to 499 .....	3	-	3	1	-	3
500 or more .....	-	-	-	-	-	-
Milk cows .....	746	253	463	187	115	199
farms... ..	15 185	4 263	4 907	887	352	464
Farms with—						
1 to 4 .....	77	51	139	128	89	174
5 to 9 .....	37	23	82	31	19	20
10 to 49 .....	624	172	237	28	7	5
50 to 99 .....	8	6	5	-	-	-
100 to 199 .....	-	1	-	-	-	-
200 to 499 .....	-	-	-	-	-	-
500 or more .....	-	-	-	-	-	-
Heifers and heifer calves .....	4 137	1 694	4 140	2 768	1 729	1 807
farms... ..	68 865	24 351	47 954	23 965	10 440	8 338
Steers, steer calves, bulls, and bull calves .....	4 635	1 896	4 702	3 191	1 919	1 948
farms... ..	80 553	28 084	57 255	27 248	11 612	8 885
number... ..						
Cattle and calves sold .....	5 420	2 266	5 573	3 827	2 408	2 104
farms... ..	146 897	52 085	107 927	50 310	18 866	8 243
number... ..	65 649	22 644	43 954	19 872	7 089	2 756
\$1,000... ..	1 922	859	2 243	1 675	1 057	950
farms... ..	39 447	14 912	37 570	19 401	7 738	3 958
number... ..	11 708	4 505	10 859	5 763	2 227	909
\$1,000... ..	4 562	1 885	4 555	3 015	1 834	1 484
farms... ..	107 450	37 173	70 357	30 909	11 128	4 285
number... ..	53 941	18 139	33 095	14 109	4 861	1 848
\$1,000... ..	2 036	764	1 656	935	529	428
farms... ..	43 912	13 039	22 132	8 086	2 522	1 072
number... ..	25 702	7 444	12 304	4 306	1 291	529
\$1,000... ..						

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>LIVESTOCK—Con.</b>							
Hogs and pigs inventory..... farms..	36 670	203	1 043	3 564	12 298	8 858	1 990
..... number..	12 983 074	503 928	1 703 038	3 047 117	5 231 168	1 951 373	313 630
Farms with—							
1 to 24 .....	3 530	-	8	26	224	451	185
25 to 49 .....	2 560	-	5	32	233	547	182
50 to 99 .....	4 220	3	16	72	628	1 146	374
100 to 199 .....	6 766	-	24	175	1 603	2 443	645
200 to 499 .....	11 269	19	132	731	5 392	3 652	563
500 or more .....	8 325	181	858	2 528	4 218	619	41
Used or to be used for breeding..... farms..	26 944	143	755	2 615	9 309	6 650	1 475
..... number..	1 657 873	61 831	209 044	362 181	648 597	270 239	45 450
Other..... farms..	35 152	202	1 033	3 526	12 076	8 516	1 886
..... number..	11 325 201	442 097	1 493 994	2 684 936	4 582 571	1 681 134	268 180
Hogs and pigs sold..... farms..	38 638	208	1 080	3 658	12 762	9 332	2 107
..... number..	23 483 812	1 086 705	3 515 607	5 795 773	9 252 739	3 271 772	489 460
\$1,000..... farms..	2 494 231	119 027	380 382	636 004	1 005 016	326 603	46 047
..... number..	8 972	33	211	694	2 563	2 112	520
Feeder pigs..... farms..	4 460 979	200 569	676 679	910 237	1 438 351	815 331	152 326
..... number..	209 249	10 115	32 813	42 623	69 485	37 671	6 709
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .. farms..	28 037	144	766	2 657	9 545	6 863	1 537
..... number..	2 495 867	103 762	342 757	573 911	984 020	379 648	59 681
Dec. 1 and May 31 .. farms..	26 110	142	755	2 596	9 224	6 437	1 394
..... number..	1 251 973	51 371	169 516	285 321	498 612	191 376	29 753
June 1 and Nov. 30 .. farms..	25 992	143	753	2 603	9 168	6 396	1 399
..... number..	1 243 894	52 391	173 241	288 590	485 408	188 272	29 928
Sheep and lambs of all ages inventory..... farms..	8 636	13	68	302	1 388	1 510	465
..... number..	451 617	38 552	45 026	36 120	93 265	79 257	21 723
Ewes 1 year old or older..... farms..	8 089	11	60	288	1 315	1 419	431
..... number..	280 591	(D)	10 333	20 300	62 324	54 378	14 459
Sheep and lambs sold..... farms..	8 806	15	73	335	1 429	1 530	472
..... number..	607 492	186 519	197 959	50 862	104 838	83 568	21 341
Sheep and lambs shorn..... farms..	8 052	12	61	298	1 328	1 420	418
..... number..	542 200	125 744	130 051	43 312	99 642	87 377	22 763
pounds of wool.....	2 901 639	142 261	167 811	283 826	637 940	551 050	142 606
Horses and ponies inventory..... farms..	11 647	44	146	471	1 629	1 758	528
..... number..	59 338	374	772	2 078	7 403	8 440	2 884
Horses and ponies sold..... farms..	2 453	2	11	70	283	305	114
..... number..	9 909	(D)	30	316	1 182	1 826	737
Goats inventory..... farms..	1 082	1	5	25	83	143	48
..... number..	7 387	(D)	71	778	470	905	189
Goats sold..... farms..	366	1	2	5	32	41	17
..... number..	3 198	(D)	(D)	(D)	661	302	104
<b>POULTRY</b>							
Chickens 3 months old or older inventory .. farms..	4 897	21	63	142	592	826	291
..... number..	9 580 666	4 482 709	6 066 192	1 305 939	1 372 341	479 859	114 123
Farms with—							
1 to 399 .....	4 456	2	11	82	459	733	272
400 to 3,199 .....	175	-	2	5	33	45	12
3,200 to 9,999 .....	93	-	1	11	38	33	5
10,000 to 19,999 .....	82	-	5	15	48	14	-
20,000 to 49,999 .....	50	1	8	26	12	1	2
50,000 to 99,999 .....	25	3	20	3	2	-	-
100,000 or more .....	16	15	16	-	-	-	-
Hens and pullets of laying age..... farms..	4 834	20	60	139	581	818	289
..... number..	8 212 576	3 846 709	5 247 642	1 156 368	1 078 055	432 325	90 754
Pullets 3 months old or older not of laying age..... farms..	487	7	10	13	43	76	23
..... number..	1 368 090	636 000	818 550	149 571	294 286	47 534	23 369
Hens and pullets sold..... farms..	908	19	53	81	201	179	59
..... number..	9 873 596	2 933 306	4 826 254	2 167 079	1 976 295	666 478	79 279
Broilers and other meat-type chickens sold..... farms..	1 060	-	7	26	180	201	54
..... number..	666 016	-	5 225	68 214	248 087	122 602	10 763
Farms with—							
1 to 1,999 .....	1 021	-	6	23	168	194	53
2,000 to 59,999 .....	38	-	1	3	11	7	1
60,000 to 99,999 .....	-	-	-	-	-	-	-
100,000 or more .....	1	-	-	-	1	-	-
Turkey hens kept for breeding..... farms..	345	4	7	6	32	35	12
..... number..	71 889	24 850	34 370	10 522	19 399	6 384	82
Turkeys sold..... farms..	407	18	61	54	84	46	10
..... number..	9 594 632	4 355 428	7 163 978	1 496 669	775 424	146 014	2 675

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>LIVESTOCK—Con.</b>						
Hogs and pigs inventory..... farms..	3 049	1 102	2 255	1 228	655	628
..... number..	376 396	110 378	162 869	57 547	19 015	10 543
Farms with—						
1 to 24 .....	382	221	589	508	403	533
25 to 49 .....	392	164	488	323	140	54
50 to 99 .....	703	282	597	292	84	26
100 to 199 .....	1 006	315	443	79	23	10
200 to 499 .....	527	111	128	24	5	4
500 or more .....	39	9	10	2	-	1
Used or to be used for breeding..... farms..	2 261	788	1 629	803	378	281
..... number..	59 138	17 645	28 801	10 844	3 898	2 045
Other..... farms..	2 864	1 012	2 024	1 089	565	561
..... number..	317 258	92 733	134 068	46 703	15 126	8 498
Hogs and pigs sold..... farms..	3 281	1 176	2 492	1 404	739	607
..... number..	613 829	164 614	263 726	83 540	23 718	9 034
\$1,000..... farms..	54 811	14 379	21 758	6 643	1 936	653
..... farms..	924	327	800	457	217	147
..... number..	228 939	64 079	119 311	40 693	10 538	4 495
\$1,000.....	9 982	2 796	4 964	1 653	408	145
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30..... farms..	2 398	842	1 758	905	441	325
..... number..	80 370	22 332	35 094	12 467	3 774	1 813
Dec. 1 and May 31..... farms..	2 155	726	1 497	740	354	232
..... number..	40 753	10 654	17 318	6 135	1 772	763
June 1 and Nov. 30..... farms..	2 098	734	1 495	750	343	253
..... number..	39 617	11 678	17 776	6 332	2 002	1 050
Sheep and lambs of all ages inventory..... farms..	889	377	1 047	751	720	1 119
..... number..	40 898	16 833	43 601	27 765	22 070	25 059
Ewes 1 year old or older..... farms..	829	348	974	699	681	1 045
..... number..	27 501	11 375	29 126	18 511	15 350	16 934
Sheep and lambs sold..... farms..	897	383	1 058	762	754	1 113
..... number..	36 617	15 249	36 486	23 828	18 632	18 112
Sheep and lambs shorn..... farms..	828	353	974	683	660	1 009
..... number..	37 102	15 456	40 403	25 470	20 199	20 425
pounds of wool.....	258 607	109 690	289 375	176 585	142 773	141 376
Horses and ponies inventory..... farms..	967	453	1 224	1 019	849	2 603
..... number..	4 453	2 356	5 989	4 716	4 864	15 383
Horses and ponies sold..... farms..	172	93	260	232	255	658
..... number..	660	336	1 391	839	948	1 644
Goats inventory..... farms..	82	41	147	106	114	288
..... number..	417	171	1 187	1 190	592	1 417
Goats sold..... farms..	30	17	47	44	41	90
..... number..	202	135	463	532	317	448
<b>POULTRY</b>						
Chickens 3 months old or older inventory..... farms..	495	247	643	483	409	706
..... number..	61 690	36 693	73 918	26 838	19 485	23 588
Farms with—						
1 to 399 .....	468	230	615	475	406	705
400 to 3,199 .....	25	15	26	8	3	1
3,200 to 9,999 .....	2	2	1	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-
20,000 to 49,999 .....	-	-	1	-	-	-
50,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Hens and pullets of laying age..... farms..	489	243	636	476	406	697
..... number..	50 221	25 595	67 480	24 892	17 600	21 644
Pullets 3 months old or older not of laying age..... farms..	45	30	82	35	45	85
..... number..	11 469	11 098	6 438	1 946	1 885	1 944
Hens and pullets sold..... farms..	76	20	85	50	35	69
..... number..	44 982	9 982	58 493	24 468	8 917	11 369
Broilers and other meat-type chickens sold..... farms..	139	39	122	94	66	132
..... number..	47 218	31 015	49 041	37 390	17 200	29 261
Farms with—						
1 to 1,999 .....	135	37	119	89	65	132
2,000 to 59,999 .....	4	2	3	5	1	-
60,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Turkey hens kept for breeding..... farms..	22	14	63	40	35	79
..... number..	141	81	295	123	137	355
Turkeys sold..... farms..	20	14	31	27	23	37
..... number..	1 957	3 817	1 930	766	806	596

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$500,000 or more		\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999	\$40,000 to \$49,999
		\$1,000,000 or more	Total				
<b>CROPS HARVESTED</b>							
Corn for grain or seed ----- farms...	83 301	355	1 447	4 674	19 346	19 422	5 472
acres...	10 147 051	198 924	646 129	1 488 025	3 745 295	2 330 766	473 337
bushels...	1 274 388 346	27 540 609	89 062 449	199 858 360	484 040 183	285 227 084	55 548 106
Irrigated ----- farms...	453	9	29	59	152	106	14
acres...	62 099	3 275	7 527	14 068	22 668	11 865	1 135
Farms by acres harvested:							
1 to 24 acres -----	11 524	4	10	29	184	468	287
25 to 99 acres -----	35 088	20	67	291	3 535	7 671	3 445
100 to 249 acres -----	27 186	67	341	1 708	10 803	10 370	1 692
250 to 499 acres -----	7 726	110	552	1 897	4 295	892	47
500 acres or more -----	1 777	154	477	749	529	21	1
Corn for silage or green chop ----- farms...	7 934	166	554	1 020	2 733	1 912	448
acres...	205 176	21 306	45 290	36 056	62 508	35 674	7 469
tons, green	3 251 394	367 008	741 211	585 842	995 969	545 036	114 794
Irrigated ----- farms...	7	-	2	1	3	-	-
acres...	110	-	(D)	(D)	30	-	-
Farms by acres harvested:							
1 to 24 acres -----	5 508	12	112	483	1 900	1 559	372
25 to 99 acres -----	2 112	74	291	471	782	320	70
100 to 249 acres -----	265	54	115	64	45	29	5
250 to 499 acres -----	41	20	28	2	6	4	1
500 acres or more -----	8	6	8	-	-	-	-
Sorghum for grain or seed ----- farms...	108	2	5	12	19	20	9
acres...	4 376	(D)	1 054	658	952	763	171
bushels...	334 779	(D)	113 634	42 629	67 145	47 100	13 478
Irrigated ----- farms...	-	-	-	-	-	-	-
acres...	-	-	-	-	-	-	-
Wheat for grain ----- farms...	1 345	8	43	106	350	335	75
acres...	31 047	1 308	2 146	4 187	9 093	7 144	1 306
bushels...	1 180 360	59 253	92 218	157 447	362 612	290 536	48 657
Irrigated ----- farms...	2	-	-	-	2	-	-
acres...	(D)	-	-	-	(D)	-	-
Farms by acres harvested:							
1 to 24 acres -----	998	3	32	64	238	245	61
25 to 99 acres -----	307	2	7	34	99	81	13
100 to 249 acres -----	33	2	2	5	12	8	1
250 to 499 acres -----	5	-	1	2	1	1	-
500 acres or more -----	2	1	1	1	-	-	-
Barley for grain ----- farms...	357	2	11	31	127	91	22
acres...	6 545	(D)	504	797	2 477	1 360	382
bushels...	358 125	(D)	37 100	47 303	142 340	73 935	17 936
Irrigated ----- farms...	7	1	1	-	1	3	-
acres...	483	(D)	(D)	-	(D)	136	-
Oats for grain ----- farms...	25 398	81	441	1 692	7 479	6 651	1 646
acres...	544 907	4 122	17 791	51 245	184 147	140 264	32 886
bushels...	30 918 660	285 268	1 104 722	3 329 158	11 213 962	7 826 649	1 696 417
Irrigated ----- farms...	16	1	1	-	5	4	-
acres...	484	(D)	(D)	-	104	40	-
Farms by acres harvested:							
1 to 24 acres -----	18 021	29	189	909	4 732	4 724	1 233
25 to 99 acres -----	7 125	44	226	737	2 651	1 871	401
100 to 249 acres -----	238	7	21	44	92	54	11
250 to 499 acres -----	13	1	4	2	4	2	1
500 acres or more -----	1	-	1	-	-	-	-
Soybeans for beans ----- farms...	68 278	267	1 192	4 049	16 626	16 600	4 607
acres...	7 903 395	84 112	348 152	1 016 622	2 983 540	2 001 183	397 607
bushels...	326 081 351	3 838 016	15 645 862	44 961 652	126 485 910	80 319 767	15 543 422
Irrigated ----- farms...	221	1	5	23	70	62	8
acres...	20 304	(D)	597	4 322	8 074	4 884	361
Farms by acres harvested:							
1 to 24 acres -----	10 200	8	38	149	732	1 009	411
25 to 99 acres -----	28 626	58	220	774	4 013	5 849	2 391
100 to 249 acres -----	22 245	93	414	1 454	7 701	8 952	1 780
250 to 499 acres -----	6 197	60	321	1 192	3 863	777	24
500 acres or more -----	1 010	48	199	480	317	13	1
Irish potatoes ----- farms...	104	-	1	9	17	7	3
acres...	1 998	-	(D)	(D)	315	74	53
cwt...	336 981	-	(D)	(D)	58 008	16 712	1 060
Irrigated ----- farms...	20	-	1	3	5	2	1
acres...	1 158	-	(D)	388	212	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms...	48 271	231	916	2 643	10 866	10 417	2 871
acres...	1 968 207	29 864	92 664	185 152	605 489	456 522	104 773
tons, dry...	5 612 944	102 845	305 925	589 645	1 873 786	1 320 346	282 366
Irrigated ----- farms...	45	2	5	3	10	4	2
acres...	1 216	(D)	442	60	271	82	(D)
Farms by acres harvested:							
1 to 24 acres -----	22 645	23	134	688	3 487	4 041	1 271
25 to 99 acres -----	21 233	97	422	1 302	5 612	5 397	1 450
100 to 249 acres -----	4 085	94	306	591	1 636	940	147
250 to 499 acres -----	278	13	43	56	121	37	3
500 acres or more -----	30	4	11	6	10	2	-
Alfalfa hay ----- farms...	41 883	157	683	2 277	9 757	9 370	2 546
acres...	1 980 550	15 775	50 274	118 788	423 228	336 417	76 737
tons, dry...	4 444 233	64 915	199 593	436 723	1 493 306	1 089 161	230 644
Irrigated ----- farms...	31	3	3	3	8	3	1
acres...	641	(D)	222	60	126	64	(D)

See footnotes at end of table.

**Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$39,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>CROPS HARVESTED</b>						
Corn for grain or seed ----- farms..	10 402	4 205	9 317	4 780	2 190	2 046
acres..	701 510	223 746	364 573	118 740	35 582	19 348
bushels..	80 519 853	24 817 180	38 947 757	11 577 137	3 189 147	1 601 040
Irrigated ----- farms..	47	4	23	11	3	5
acres..	3 368	271	804	314	35	24
Farms by acres harvested:						
1 to 24 acres -----	832	552	2 626	2 781	1 799	1 956
25 to 99 acres -----	7 854	3 323	6 452	1 971	389	90
100 to 249 acres -----	1 681	325	237	27	2	-
250 to 499 acres -----	35	5	2	1	-	-
500 acres or more -----	-	-	-	-	-	-
Corn for silage or green chop ----- farms..	584	188	305	103	42	47
acres..	9 198	2 524	4 137	1 284	492	544
tons, green..	141 675	41 468	51 201	20 390	5 731	8 077
Irrigated ----- farms..	-	-	-	1	-	-
acres..	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres -----	491	159	265	88	37	42
25 to 99 acres -----	89	27	38	15	5	4
100 to 249 acres -----	4	-	2	-	-	1
250 to 499 acres -----	-	-	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Sorghum for grain or seed ----- farms..	10	4	15	3	7	4
acres..	350	49	116	139	78	46
bushels..	29 185	4 840	7 393	4 480	3 363	1 532
Irrigated ----- farms..	-	-	-	-	-	-
acres..	-	-	-	-	-	-
Wheat for grain ----- farms..	119	44	140	83	26	24
acres..	1 983	690	2 123	1 600	506	269
bushels..	71 332	21 700	68 987	48 334	12 344	6 193
Irrigated ----- farms..	-	-	-	-	-	-
acres..	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres -----	94	38	120	63	22	21
25 to 99 acres -----	25	6	19	17	3	3
100 to 249 acres -----	-	-	1	3	1	-
250 to 499 acres -----	-	-	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Barley for grain ----- farms..	23	10	24	7	3	8
acres..	394	135	291	101	37	67
bushels..	16 694	3 290	13 375	2 750	1 830	1 572
Irrigated ----- farms..	1	1	-	-	-	-
acres..	(D)	(D)	-	-	-	-
Oats for grain ----- farms..	2 755	975	2 093	918	368	380
acres..	50 530	16 227	32 427	11 744	4 043	3 603
bushels..	2 610 791	820 702	1 484 601	509 920	174 377	147 361
Irrigated ----- farms..	4	-	1	1	-	-
acres..	62	-	(D)	-	-	-
Farms by acres harvested:						
1 to 24 acres -----	2 152	789	1 771	821	341	360
25 to 99 acres -----	592	186	319	96	26	20
100 to 249 acres -----	11	-	3	1	1	-
250 to 499 acres -----	-	-	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Soybeans for beans ----- farms..	8 729	3 374	7 360	3 335	1 419	987
acres..	587 865	177 101	280 824	79 477	21 784	9 240
bushels..	22 761 932	6 552 007	10 207 618	2 651 975	682 237	268 969
Irrigated ----- farms..	22	4	14	9	3	1
acres..	1 229	170	445	194	(D)	(D)
Farms by acres harvested:						
1 to 24 acres -----	1 021	597	2 108	1 986	1 205	944
25 to 99 acres -----	6 144	2 546	5 097	1 335	214	43
100 to 249 acres -----	1 548	227	155	14	-	-
250 to 499 acres -----	16	4	-	-	-	-
500 acres or more -----	-	-	-	-	-	-
Irish potatoes ----- farms..	7	4	15	24	8	9
acres..	10	3	65	24	7	5
cwt..	753	626	12 539	5 539	1 301	361
Irrigated ----- farms..	1	-	5	2	-	-
acres..	(D)	-	20	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	5 289	2 101	5 078	3 138	1 901	3 051
acres..	177 605	66 495	140 792	69 555	31 980	37 180
tons, dry..	460 690	163 507	331 838	152 411	65 569	66 861
Irrigated ----- farms..	7	1	5	1	1	6
acres..	136	(D)	95	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres -----	2 626	1 084	2 966	2 131	1 498	2 717
25 to 99 acres -----	2 433	940	1 982	975	394	326
100 to 249 acres -----	218	76	123	31	9	8
250 to 499 acres -----	10	1	6	1	-	-
500 acres or more -----	-	-	1	-	-	-
Alfalfa hay ----- farms..	4 575	1 793	4 259	2 595	1 529	2 499
acres..	129 976	48 760	98 820	49 073	21 997	26 480
tons, dry..	377 888	132 618	261 468	119 792	50 665	52 375
Irrigated ----- farms..	3	1	4	-	1	4
acres..	64	(D)	53	-	(D)	(D)

See footnotes at end of table.



Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$38,999	\$20,000 to \$24,999	\$10,000 to \$19,999	\$5,000 to \$9,999	\$2,500 to \$4,999	Less than \$2,500
<b>CROPS HARVESTED—Con.</b>						
Vegetables harvested for sale (see text) ----- farms...	5	2	7	-	-	-
acres...	-	-	-	-	-	-
Irrigated ----- farms...	-	-	-	-	-	-
acres...	1	8	13	19	16	7
Farms by acres harvested:						
0.1 to 4.9 acres -----	(D)	(D)	35	43	7	4
5.0 to 24.9 acres -----	-	-	3	2	4	-
25.0 to 99.9 acres -----	-	-	2	(D)	1	-
100.0 to 249.9 acres -----	1	2	5	2	6	1
250.0 acres or more -----	(D)	(D)	4	(D)	1	(D)
Land in orchards ----- farms...	1	3	2	1	-	-
acres...	-	-	-	-	-	-
Irrigated ----- farms...	-	-	-	-	-	-
acres...	35	21	37	63	61	138
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres -----	169	189	209	292	200	352
5.0 to 24.9 acres -----	1 273 320	558 381	744 034	705 962	469 046	217 473
25.0 to 99.9 acres -----	7	2	4	6	14	25
100.0 to 249.9 acres -----	1	(D)	1	2	4	4
250.0 acres or more -----	485	(D)	301	1 835	460	707

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

Table 53. Summary by Standard Industrial Classification of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>FARMS AND LAND IN FARMS</b>								
Farms.....	105 180	50 200	1 451	-	-	1 451	213	195
number.....	105 180	50 200	1 451	-	-	1 451	213	195
percent.....	100.0	47.7	1.4	-	-	1.4	.2	.2
Land in farms.....	31 638 130	18 137 472	131 518	-	-	131 518	15 931	7 090
acres.....	31 638 130	18 137 472	131 518	-	-	131 518	15 931	7 090
Average size of farm.....	301	361	91	-	-	91	75	36
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text).....	105 180	50 200	1 451	-	-	1 451	213	195
farms.....	105 180	50 200	1 451	-	-	1 451	213	195
\$1,000.....	8 926 799	3 142 700	10 682	-	-	10 682	5 687	2 713
Average per farm.....	84 872	62 604	7 362	-	-	7 362	26 698	13 912
dollars.....	84 872	62 604	7 362	-	-	7 362	26 698	13 912
Farms by value of sales:								
Less than \$1,000 (see text).....	3 782	593	535	-	-	535	22	63
\$1,000 to \$2,499.....	5 017	1 746	317	-	-	317	25	26
\$2,500 to \$4,999.....	5 498	2 009	222	-	-	222	46	34
\$5,000 to \$9,999.....	8 252	3 735	173	-	-	173	41	26
\$10,000 to \$19,999.....	12 427	7 057	109	-	-	109	37	14
\$20,000 to \$24,999.....	5 009	3 063	21	-	-	21	5	7
\$25,000 to \$39,999.....	11 756	7 326	40	-	-	40	8	8
\$40,000 to \$49,999.....	5 996	3 647	10	-	-	10	4	4
\$50,000 to \$99,999.....	20 656	11 391	15	-	-	15	9	6
\$100,000 to \$249,999.....	20 200	8 263	5	-	-	5	14	7
\$250,000 to \$499,999.....	4 957	1 241	2	-	-	2	1	-
\$500,000 to \$999,999.....	1 220	115	1	-	-	1	1	-
\$1,000,000 or more.....	410	14	1	-	-	1	-	-
Grains.....	81 042	50 170	354	-	-	354	55	22
farms.....	81 042	50 170	354	-	-	354	55	22
\$1,000.....	3 563 323	2 640 347	1 982	-	-	1 982	622	90
Sales of \$50,000 or more.....	23 982	18 341	3	-	-	3	6	-
\$1,000.....	2 507 136	1 986 397	419	-	-	419	392	-
Corn for grain.....	72 356	48 145	257	-	-	257	32	12
farms.....	72 356	48 145	257	-	-	257	32	12
\$1,000.....	1 961 527	1 464 171	1 408	-	-	1 408	376	60
Wheat.....	1 188	639	11	-	-	11	3	-
farms.....	1 188	639	11	-	-	11	3	-
\$1,000.....	2 726	1 796	6	-	-	6	11	-
Soybeans.....	68 166	44 666	108	-	-	108	32	7
farms.....	68 166	44 666	108	-	-	108	32	7
\$1,000.....	1 573 168	1 159 681	447	-	-	447	220	27
Sorghum for grain.....	57	34	2	-	-	2	-	-
farms.....	57	34	2	-	-	2	-	-
\$1,000.....	477	279	(D)	-	-	(D)	-	-
Barley.....	81	25	1	-	-	1	-	-
farms.....	81	25	1	-	-	1	-	-
\$1,000.....	116	44	(D)	-	-	(D)	-	-
Oats.....	11 842	5 754	100	-	-	100	5	3
farms.....	11 842	5 754	100	-	-	100	5	3
\$1,000.....	19 604	10 192	95	-	-	95	5	1
Other grains.....	677	385	4	-	-	4	11	4
farms.....	677	385	4	-	-	4	11	4
\$1,000.....	5 705	4 183	22	-	-	22	10	1
Cotton and cottonseed.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Tobacco.....	-	-	-	-	-	-	-	-
farms.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....	-	-	-	-	-	-	-	-
\$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....	12 947	5 599	1 434	-	-	1 434	21	2
farms.....	12 947	5 599	1 434	-	-	1 434	21	2
\$1,000.....	46 480	17 668	6 811	-	-	6 811	20	(D)
Sales of \$50,000 or more.....	30	3	10	-	-	10	-	-
farms.....	30	3	10	-	-	10	-	-
\$1,000.....	3 365	209	1 821	-	-	1 821	-	-
Vegetables, sweet corn, and melons.....	596	144	9	-	-	9	213	37
farms.....	596	144	9	-	-	9	213	37
\$1,000.....	7 541	800	256	-	-	256	4 760	151
Sales of \$50,000 or more.....	30	4	2	-	-	2	20	-
farms.....	30	4	2	-	-	2	20	-
\$1,000.....	4 384	(D)	(D)	-	-	(D)	3 247	-
Fruits, nuts, and berries.....	371	48	10	-	-	10	28	155
farms.....	371	48	10	-	-	10	28	155
\$1,000.....	2 853	107	1	-	-	1	54	2 410
Sales of \$50,000 or more.....	13	-	-	-	-	-	-	12
farms.....	13	-	-	-	-	-	-	12
\$1,000.....	1 390	-	-	-	-	-	-	(D)
Nursery and greenhouse crops.....	357	17	-	-	-	-	18	2
farms.....	357	17	-	-	-	-	18	2
\$1,000.....	38 241	107	-	-	-	-	52	(D)
Sales of \$50,000 or more.....	111	1	-	-	-	-	-	-
farms.....	111	1	-	-	-	-	-	-
\$1,000.....	35 714	(D)	-	-	-	-	-	-
Other crops.....	99	19	17	-	-	17	18	2
farms.....	99	19	17	-	-	17	18	2
\$1,000.....	1 678	71	1 060	-	-	1 060	68	(D)
Sales of \$50,000 or more.....	7	-	5	-	-	5	-	-
farms.....	7	-	5	-	-	5	-	-
\$1,000.....	1 259	-	(D)	-	-	(D)	-	-
Poultry and poultry products.....	3 643	882	19	-	-	19	16	3
farms.....	3 643	882	19	-	-	19	16	3
\$1,000.....	192 229	2 418	2	-	-	2	10	(Z)
Sales of \$50,000 or more.....	426	12	-	-	-	-	-	-
farms.....	426	12	-	-	-	-	-	-
\$1,000.....	186 495	(D)	-	-	-	-	-	-
Dairy products.....	7 048	359	3	-	-	3	-	-
farms.....	7 048	359	3	-	-	3	-	-
\$1,000.....	392 284	9 939	32	-	-	32	-	-
Sales of \$50,000 or more.....	3 165	54	-	-	-	-	-	-
farms.....	3 165	54	-	-	-	-	-	-
\$1,000.....	294 998	4 200	-	-	-	-	-	-
Cattle and calves.....	50 509	13 738	117	-	-	117	15	11
farms.....	50 509	13 738	117	-	-	117	15	11
\$1,000.....	2 124 641	203 429	402	-	-	402	62	51
Sales of \$50,000 or more.....	7 178	668	-	-	-	-	-	-
farms.....	7 178	668	-	-	-	-	-	-
\$1,000.....	1 590 392	56 011	-	-	-	-	-	-

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>FARMS AND LAND IN FARMS</b>								
Farms.....number.....	278	1 039	43 979	10 095	4 209	570	1 601	1 445
.....percent.....	.3	1.0	41.8	9.6	4.0	5	1.5	1.4
Land in farms.....acres.....	13 229	231 923	11 483 078	1 722 370	997 836	72 274	64 967	482 812
Average size of farm.....acres.....	48	223	261	171	237	127	41	334
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text).....farms.....	278	1 039	43 979	10 095	4 209	570	1 601	1 445
.....\$1,000.....	38 520	37 276	4 946 285	274 761	392 666	196 398	14 105	139 767
Average per farm.....dollars.....	138 562	35 876	112 469	27 218	93 292	344 558	8 810	96 725
Farms by value of sales:								
Less than \$1,000 (see text).....	4	432	1 015	598	10	70	802	236
\$1,000 to \$2,499.....	25	17	2 474	1 149	11	58	309	9
\$2,500 to \$4,999.....	24	27	2 909	1 589	15	24	171	17
\$5,000 to \$9,999.....	33	78	3 985	2 135	37	18	110	16
\$10,000 to \$19,999.....	32	94	4 708	1 996	230	9	89	48
\$20,000 to \$24,999.....	15	43	1 650	527	145	7	18	35
\$25,000 to \$39,999.....	20	86	3 679	829	458	10	26	95
\$40,000 to \$49,999.....	14	38	1 816	267	368	9	17	69
\$50,000 to \$99,999.....	35	123	7 144	519	1 459	71	37	366
\$100,000 to \$249,999.....	40	84	9 860	329	1 331	119	12	465
\$250,000 to \$499,999.....	19	13	3 388	102	131	75	6	81
\$500,000 to \$999,999.....	12	3	1 001	46	12	63	4	8
\$1,000,000 or more.....	5	1	350	9	2	37	-	-
Grains.....farms.....	27	598	25 912	3 427	2 410	238	77	1 179
.....\$1,000.....	266	15 856	821 249	37 730	36 740	8 599	639	36 933
Sales of \$50,000 or more.....farms.....	2	90	5 156	124	112	54	3	215
.....\$1,000.....	(D)	8 706	480 660	12 114	7 937	5 454	(D)	16 805
Corn for grain.....farms.....	13	547	19 934	2 826	2 049	213	59	1 095
.....\$1,000.....	110	10 135	429 106	22 791	26 944	5 470	382	23 365
Wheat.....farms.....	1	19	458	44	36	3	2	16
.....\$1,000.....	(D)	27	777	64	61	4	(D)	(D)
Soybeans.....farms.....	16	375	20 931	1 945	995	166	28	842
.....\$1,000.....	147	5 295	382 577	14 293	8 693	3 061	239	12 782
Sorghum for grain.....farms.....	-	-	17	2	1	3	-	-
.....\$1,000.....	-	-	175	(D)	(D)	7	-	-
Barley.....farms.....	-	2	32	7	17	2	-	2
.....\$1,000.....	-	(D)	41	(D)	22	(D)	-	(D)
Oats.....farms.....	6	166	4 807	472	626	36	14	325
.....\$1,000.....	(D)	373	7 332	481	(D)	51	(D)	636
Other grains.....farms.....	-	7	225	24	27	2	-	12
.....\$1,000.....	-	(D)	1 240	71	118	(D)	-	107
Cotton and cottonseed.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Tobacco.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Sales of \$50,000 or more.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds.....farms.....	10	576	4 691	766	285	35	67	227
.....\$1,000.....	(D)	3 804	15 000	1 666	1 612	(D)	106	(D)
Sales of \$50,000 or more.....farms.....	-	6	9	-	1	-	-	1
.....\$1,000.....	-	410	(D)	-	(D)	-	-	(D)
Vegetables, sweet corn, and melons.....farms.....	20	32	120	17	7	7	4	3
.....\$1,000.....	116	978	434	33	16	18	1	12
Sales of \$50,000 or more.....farms.....	-	4	-	-	-	-	-	-
.....\$1,000.....	-	681	-	-	-	-	-	-
Fruits, nuts, and berries.....farms.....	9	19	76	17	12	5	3	6
.....\$1,000.....	69	51	138	18	11	3	1	6
Sales of \$50,000 or more.....farms.....	1	-	-	-	-	-	-	-
.....\$1,000.....	(D)	-	-	-	-	-	-	-
Nursery and greenhouse crops.....farms.....	278	11	26	5	2	1	2	-
.....\$1,000.....	37 952	54	(D)	7	(D)	(D)	(D)	-
Sales of \$50,000 or more.....farms.....	110	-	-	-	-	-	-	-
.....\$1,000.....	(D)	-	-	-	-	-	-	-
Other crops.....farms.....	2	20	16	4	1	1	1	2
.....\$1,000.....	(D)	450	(D)	5	(D)	(D)	(D)	(D)
Sales of \$50,000 or more.....farms.....	-	2	-	-	-	-	-	-
.....\$1,000.....	-	(D)	-	-	-	-	-	-
Poultry and poultry products.....farms.....	7	34	1 718	308	196	557	27	184
.....\$1,000.....	10	93	5 774	178	281	179 403	4	4 235
Sales of \$50,000 or more.....farms.....	-	1	28	-	-	355	-	30
.....\$1,000.....	-	(D)	3 769	-	-	177 866	-	3 337
Dairy products.....farms.....	-	43	1 356	133	4 204	16	-	1 067
.....\$1,000.....	-	1 452	52 969	2 632	279 956	453	-	47 484
Sales of \$50,000 or more.....farms.....	-	12	407	13	2 324	4	-	364
.....\$1,000.....	-	904	33 943	949	226 248	325	-	29 379
Cattle and calves.....farms.....	7	432	30 696	9 877	4 184	95	46	1 168
.....\$1,000.....	16	5 906	1 845 295	215 725	46 686	1 654	219	20 921
Sales of \$50,000 or more.....farms.....	-	18	6 326	728	77	5	1	83
.....\$1,000.....	-	1 271	1 519 908	122 774	5 986	(D)	(D)	6 328

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Hogs and pigs	farms... 38 638	8 525	32	-	-	32	6	-
	\$1,000... 2 494 231	258 587	60	-	-	60	24	-
Sales of \$50,000 or more	farms... 15 528	1 631	-	-	-	-	-	-
	\$1,000... 2 058 777	140 600	-	-	-	-	-	-
Sheep, lambs, and wool	farms... 8 922	2 934	58	-	-	58	11	-
	\$1,000... 46 157	7 936	40	-	-	40	12	-
Sales of \$50,000 or more	farms... 77	2	-	-	-	-	-	-
	\$1,000... 21 114	(D)	-	-	-	-	-	-
Other livestock and livestock products (see text)	farms... 3 417	698	65	-	-	65	9	12
	\$1,000... 17 139	1 292	36	-	-	36	2	8
Sales of \$50,000 or more	farms... 60	2	-	-	-	-	-	-
	\$1,000... 8 848	(D)	-	-	-	-	-	-
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses	farms... 105 184	51 031	1 270	-	-	1 270	179	181
	\$1,000... 6 647 645	2 320 515	9 167	-	-	9 167	3 823	2 777
Average per farm	dollars... 63 200	45 473	7 218	-	-	7 218	21 357	15 344
Livestock and poultry purchased	farms... 46 066	11 906	139	-	-	139	18	12
	\$1,000... 1 358 161	117 773	111	-	-	111	11	(D)
Farms with expenses of—								
\$1 to \$4,999	20 895	6 521	138	-	-	138	18	12
\$5,000 to \$24,999	14 932	4 222	1	-	-	1	-	-
\$25,000 to \$99,999	7 811	1 072	-	-	-	-	-	-
\$100,000 or more	2 428	91	-	-	-	-	-	-
Feed for livestock and poultry	farms... 64 752	18 064	260	-	-	260	25	29
	\$1,000... 1 101 866	98 927	133	-	-	133	61	17
Farms with expenses of—								
\$1 to \$4,999	31 369	12 405	259	-	-	259	25	29
\$5,000 to \$24,999	22 076	4 940	1	-	-	1	-	-
\$25,000 to \$99,999	9 846	710	-	-	-	-	-	-
\$100,000 or more	1 461	9	-	-	-	-	-	-
Commercially mixed formula feeds	farms... 33 282	8 160	77	-	-	77	12	22
	\$1,000... 475 104	37 379	37	-	-	37	2	(D)
Farms with expenses of—								
\$1 to \$4,999	17 634	5 936	77	-	-	77	12	22
\$5,000 to \$24,999	11 352	2 005	-	-	-	-	-	-
\$25,000 to \$79,999	3 545	207	-	-	-	-	-	-
\$80,000 or more	751	12	-	-	-	-	-	-
Seeds, bulbs, plants, and trees	farms... 88 807	50 609	584	-	-	584	145	59
	\$1,000... 308 197	188 257	462	-	-	462	246	55
Farms with expenses of—								
\$1 to \$999	23 074	11 663	494	-	-	494	84	45
\$1,000 to \$4,999	45 976	26 391	86	-	-	86	53	12
\$5,000 to \$24,999	19 426	12 354	3	-	-	3	8	2
\$25,000 or more	331	201	1	-	-	1	-	-
Commercial fertilizer	farms... 83 067	47 195	544	-	-	544	124	75
	\$1,000... 467 355	277 859	600	-	-	600	320	34
Farms with expenses of—								
\$1 to \$4,999	51 929	28 889	532	-	-	532	109	75
\$5,000 to \$24,999	29 100	17 005	10	-	-	10	13	-
\$25,000 to \$49,999	1 788	1 150	1	-	-	1	2	-
\$50,000 or more	250	151	1	-	-	1	-	-
Agricultural chemicals	farms... 86 631	48 351	566	-	-	566	157	128
	\$1,000... 309 894	196 180	449	-	-	449	661	189
Farms with expenses of—								
\$1 to \$4,999	66 563	35 278	556	-	-	556	131	122
\$5,000 to \$24,999	19 490	12 679	8	-	-	8	25	6
\$25,000 to \$49,999	514	360	2	-	-	2	-	-
\$50,000 or more	64	34	-	-	-	-	1	-
Petroleum products	farms... 100 939	49 874	1 126	-	-	1 126	173	169
	\$1,000... 315 061	158 889	885	-	-	885	205	154
Farms with expenses of—								
\$1 to \$4,999	81 446	40 096	1 107	-	-	1 107	165	166
\$5,000 to \$24,999	19 169	9 680	17	-	-	17	7	3
\$25,000 to \$49,999	274	103	1	-	-	1	1	-
\$50,000 or more	50	15	1	-	-	1	-	-
Gasoline and gasohol	farms... 87 982	41 949	979	-	-	979	129	162
	\$1,000... 105 047	47 304	473	-	-	473	82	104
Diesel fuel	farms... 73 400	40 468	329	-	-	329	97	53
	\$1,000... 136 878	76 016	269	-	-	269	79	24
Natural gas	farms... 5 064	2 795	13	-	-	13	1	15
	\$1,000... 6 637	2 934	4	-	-	4	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms... 86 862	44 077	552	-	-	552	112	107
	\$1,000... 66 500	32 634	139	-	-	139	(D)	(D)

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Hogs and pigs ----- farms..	3	263	27 686	1 013	1 278	82	20	743
\$1,000..	63	8 433	2 166 392	14 947	26 962	5 978	42	27 691
Sales of \$50,000 or more ----- farms..	-	47	13 487	64	126	34	-	193
\$1,000..	-	5 094	1 882 243	7 232	9 465	5 108	-	16 248
Sheep, lambs, and wool ----- farms..	7	64	5 492	693	193	33	33	97
\$1,000..	5	144	37 276	1 377	277	161	36	270
Sales of \$50,000 or more ----- farms..	-	-	73	-	-	1	-	1
\$1,000..	-	-	20 826	-	-	(D)	-	(D)
Other livestock and livestock products (see text) ----- farms..	6	28	1 282	339	119	22	1 081	95
\$1,000..	14	54	1 670	444	125	25	13 055	859
Sales of \$50,000 or more ----- farms..	-	-	3	1	-	-	53	2
\$1,000..	-	-	276	(D)	-	-	7 932	(D)
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses ----- farms..	264	1 191	43 266	10 092	4 142	601	1 575	1 484
\$1,000..	24 660	32 421	3 706 122	225 483	267 514	166 337	15 416	98 892
Average per farm ----- dollars..	93 410	27 221	85 659	22 343	64 586	276 767	9 788	66 639
Livestock and poultry purchased ----- farms..	2	406	29 418	4 393	2 148	551	542	924
\$1,000..	(D)	2 986	1 179 581	75 029	17 233	27 020	2 725	10 704
Farms with expenses of--								
\$1 to \$4,999 -----	1	225	11 672	2 699	1 212	227	413	456
\$5,000 to \$24,999 -----	1	163	9 158	1 207	802	125	108	352
\$25,000 to \$99,999 -----	-	16	6 328	349	131	136	18	110
\$100,000 or more -----	-	2	2 260	138	3	63	3	6
Feed for livestock and poultry ----- farms..	18	623	38 773	7 630	4 053	565	1 050	1 292
\$1,000..	9	3 703	818 313	29 496	63 043	95 348	2 652	19 661
Farms with expenses of--								
\$1 to \$4,999 -----	18	447	15 657	6 610	880	224	989	436
\$5,000 to \$24,999 -----	-	156	13 801	865	2 486	26	38	628
\$25,000 to \$99,999 -----	-	19	8 093	131	662	131	19	212
\$100,000 or more -----	-	1	1 222	24	25	184	4	16
Commercially mixed formula feeds ----- farms..	9	255	18 692	2 816	4 023	565	359	1 108
\$1,000..	(D)	998	292 914	8 223	37 886	94 370	650	10 848
Farms with expenses of--								
\$1 to \$4,999 -----	9	210	8 570	2 483	1 636	224	349	589
\$5,000 to \$24,999 -----	-	38	6 722	292	2 130	35	-	422
\$25,000 to \$79,999 -----	-	6	2 879	33	245	112	9	87
\$80,000 or more -----	-	1	521	8	12	194	1	10
Seeds, bulbs, plants, and trees ----- farms..	180	770	30 957	4 982	3 728	257	218	1 300
\$1,000..	3 582	1 719	99 919	5 741	8 893	631	132	4 300
Farms with expenses of--								
\$1 to \$999 -----	75	339	8 950	3 461	925	106	190	203
\$1,000 to \$4,999 -----	39	352	15 635	1 333	2 432	120	23	833
\$5,000 to \$24,999 -----	52	76	6 264	186	370	30	5	262
\$25,000 or more -----	14	3	108	2	1	1	-	2
Commercial fertilizer ----- farms..	152	671	29 179	4 559	3 475	241	208	1 203
\$1,000..	508	2 241	163 534	9 663	14 185	829	219	7 023
Farms with expenses of--								
\$1 to \$4,999 -----	131	527	18 048	4 062	2 550	195	199	674
\$5,000 to \$24,999 -----	18	140	10 437	481	908	46	9	514
\$25,000 to \$49,999 -----	1	4	600	12	15	-	-	15
\$50,000 or more -----	2	-	94	4	2	-	-	-
Agricultural chemicals ----- farms..	206	742	31 074	5 221	3 522	287	350	1 248
\$1,000..	283	1 582	99 030	5 675	6 965	646	123	3 786
Farms with expenses of--								
\$1 to \$4,999 -----	191	651	24 829	5 024	3 203	253	344	1 005
\$5,000 to \$24,999 -----	15	89	6 069	190	317	33	6	243
\$25,000 to \$49,999 -----	-	-	149	6	2	1	-	-
\$50,000 or more -----	-	2	27	1	-	-	-	-
Petroleum products ----- farms..	244	1 066	41 197	9 309	4 059	518	1 122	1 391
\$1,000..	1 412	2 026	128 686	10 585	13 787	3 029	773	5 216
Farms with expenses of--								
\$1 to \$4,999 -----	193	968	32 991	8 989	3 245	400	1 115	1 000
\$5,000 to \$24,999 -----	35	95	8 047	315	809	101	5	390
\$25,000 to \$49,999 -----	11	3	134	5	5	13	2	1
\$50,000 or more -----	5	-	25	-	-	4	-	-
Gasoline and gasohol ----- farms..	224	957	37 095	8 188	3 773	432	1 009	1 273
\$1,000..	448	846	46 962	5 618	5 812	676	504	1 836
Diesel fuel ----- farms..	101	564	26 919	3 850	3 292	206	249	1 123
\$1,000..	204	764	51 292	3 131	5 400	553	92	2 185
Natural gas ----- farms..	54	66	1 775	238	140	73	34	98
\$1,000..	655	53	2 153	98	136	593	9	98
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms..	177	745	34 939	6 506	3 904	396	576	1 277
\$1,000..	105	363	28 280	1 738	2 439	1 208	168	1 096

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
— Con.								
Total farm production expenses—Con.								
Electricity ----- farms...	90 255	42 529	700	-	-	700	93	119
\$1,000...	126 591	46 601	272	-	-	272	34	88
Farms with expenses of—								
\$1 to \$999-----	47 918	24 872	640	-	-	640	86	91
\$1,000 to \$4,999-----	39 358	17 063	59	-	-	59	7	25
\$5,000 to \$24,999-----	2 896	587	1	-	-	1	-	3
\$25,000 or more-----	83	7	-	-	-	-	-	-
Hired farm labor ----- farms...	49 121	22 717	252	-	-	252	76	82
\$1,000...	282 515	87 238	433	-	-	433	695	449
Farms with expenses of—								
\$1 to \$4,999-----	37 600	18 662	248	-	-	248	57	68
\$5,000 to \$24,999-----	8 880	3 314	-	-	-	-	9	9
\$25,000 to \$99,999-----	2 443	713	3	-	-	3	9	5
\$100,000 or more-----	198	28	1	-	-	1	1	-
Contract labor----- farms...	8 078	3 830	91	-	-	91	37	37
\$1,000...	21 032	8 303	102	-	-	102	51	374
Farms with expenses of—								
\$1 to \$999-----	3 846	1 959	63	-	-	63	27	8
\$1,000 to \$4,999-----	3 123	1 440	28	-	-	28	9	15
\$5,000 to \$24,999-----	1 032	412	-	-	-	-	1	4
\$25,000 or more-----	77	19	-	-	-	-	-	10
Repair and maintenance ----- farms...	91 920	44 032	859	-	-	859	152	154
\$1,000...	407 270	183 591	1 260	-	-	1 260	273	298
Farms with expenses of—								
\$1 to \$4,999-----	63 247	31 017	825	-	-	825	136	123
\$5,000 to \$24,999-----	27 602	12 704	32	-	-	32	14	31
\$25,000 to \$49,999-----	905	281	2	-	-	2	2	-
\$50,000 or more-----	166	30	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ----- farms...	57 354	28 098	459	-	-	459	63	48
\$1,000...	133 395	75 718	340	-	-	340	92	34
Farms with expenses of—								
\$1 to \$999-----	25 122	10 881	399	-	-	399	43	42
\$1,000 to \$4,999-----	25 700	13 379	57	-	-	57	17	5
\$5,000 to \$24,999-----	6 238	3 631	1	-	-	1	3	1
\$25,000 or more-----	294	207	2	-	-	2	-	-
Interest expense ----- farms...	67 262	32 571	460	-	-	460	88	110
\$1,000...	579 338	266 099	1 185	-	-	1 185	321	287
Farms with expenses of—								
\$1 to \$4,999-----	37 493	18 164	411	-	-	411	80	98
\$5,000 to \$24,999-----	24 442	12 091	48	-	-	48	5	12
\$25,000 to \$99,999-----	5 121	2 245	1	-	-	1	3	-
\$100,000 or more-----	206	71	-	-	-	-	-	-
Secured by real estate ----- farms...	44 371	20 463	335	-	-	335	51	91
\$1,000...	390 226	182 811	946	-	-	946	240	248
Farms with expenses of—								
\$1 to \$999-----	6 684	2 635	63	-	-	63	15	24
\$1,000 to \$4,999-----	16 369	7 493	233	-	-	233	29	57
\$5,000 to \$24,999-----	17 889	8 761	38	-	-	38	5	10
\$25,000 or more-----	3 429	1 574	1	-	-	1	2	-
Not secured by real estate ----- farms...	41 208	20 529	208	-	-	208	48	46
\$1,000...	189 113	83 289	239	-	-	239	82	39
Farms with expenses of—								
\$1 to \$999-----	13 476	6 438	155	-	-	155	29	34
\$1,000 to \$4,999-----	16 664	8 967	44	-	-	44	17	11
\$5,000 to \$24,999-----	10 034	4 818	9	-	-	9	2	1
\$25,000 or more-----	1 034	306	-	-	-	-	-	-
Cash rent ----- farms...	41 375	22 564	165	-	-	165	47	13
\$1,000...	492 800	293 411	637	-	-	637	362	21
Farms with expenses of—								
\$1 to \$4,999-----	15 835	7 776	117	-	-	117	39	11
\$5,000 to \$9,999-----	8 684	4 956	41	-	-	41	3	2
\$10,000 to \$24,999-----	11 593	6 489	6	-	-	6	2	-
\$25,000 or more-----	5 263	3 363	1	-	-	1	3	-
Property taxes ----- farms...	87 431	40 077	1 165	-	-	1 165	157	173
\$1,000...	230 810	119 547	1 261	-	-	1 261	227	171
Farms with expenses of—								
\$1 to \$4,999-----	75 206	33 397	1 155	-	-	1 155	146	166
\$5,000 to \$9,999-----	9 596	5 172	7	-	-	7	11	7
\$10,000 to \$24,999-----	2 474	1 427	3	-	-	3	-	-
\$25,000 or more-----	155	81	-	-	-	-	-	-
All other farm production expenses ----- farms...	101 919	49 409	1 060	-	-	1 060	148	159
\$1,000...	513 358	202 123	1 037	-	-	1 037	263	599
Farms with expenses of—								
\$1 to \$4,999-----	73 591	37 595	1 053	-	-	1 053	139	137
\$5,000 to \$24,999-----	25 444	10 896	3	-	-	3	7	17
\$25,000 to \$49,999-----	2 166	749	2	-	-	2	2	4
\$50,000 or more-----	718	169	2	-	-	2	-	1

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>FARM PRODUCTION EXPENSES<sup>1</sup></b>								
—Con.								
Total farm production expenses—Con.								
Electricity..... farms.....	212	841	38 753	8 147	4 059	532	1 059	1 358
..... \$1,000.....	664	815	61 344	5 058	10 842	2 529	507	2 894
Farms with expenses of—								
\$1 to \$999.....	120	584	19 518	6 875	492	227	953	335
\$1,000 to \$4,999.....	69	237	17 430	1 225	3 256	192	95	225
\$5,000 to \$24,999.....	14	20	1 754	47	309	99	11	98
\$25,000 or more.....	9	—	51	—	2	14	—	—
Hired farm labor..... farms.....	167	364	21 240	3 025	2 721	308	368	826
..... \$1,000.....	9 331	1 763	151 928	6 596	14 460	11 088	1 016	4 113
Farms with expenses of—								
\$1 to \$4,999.....	74	269	15 201	2 736	1 914	155	331	621
\$5,000 to \$24,999.....	24	87	4 473	233	704	62	21	177
\$25,000 to \$99,999.....	50	7	1 445	54	100	69	15	27
\$100,000 or more.....	19	1	121	2	3	22	1	1
Contract labor..... farms.....	72	97	3 344	614	297	106	93	74
..... \$1,000.....	926	91	9 204	699	636	1 066	84	194
Farms with expenses of—								
\$1 to \$999.....	13	78	1 455	412	142	15	69	17
\$1,000 to \$4,999.....	35	16	1 339	172	134	35	23	49
\$5,000 to \$24,999.....	16	3	522	29	18	47	1	8
\$25,000 or more.....	8	—	28	1	3	9	—	—
Repair and maintenance..... farms.....	211	948	38 696	8 220	3 970	498	1 057	1 343
..... \$1,000.....	1 176	2 778	183 412	14 525	22 299	3 315	1 335	7 534
Farms with expenses of—								
\$1 to \$4,999.....	141	775	25 939	7 517	2 212	353	1 016	710
\$5,000 to \$24,999.....	59	168	12 106	687	1 717	121	32	618
\$25,000 to \$49,999.....	5	4	538	15	35	17	9	12
\$50,000 or more.....	6	1	113	1	6	7	—	3
Customwork, machine hire, and rental of machinery and equipment..... farms.....	69	500	23 737	4 452	2 962	203	338	877
..... \$1,000.....	136	881	46 955	4 955	6 403	545	154	2 137
Farms with expenses of—								
\$1 to \$999.....	55	273	11 577	3 062	1 148	128	296	280
\$1,000 to \$4,999.....	8	176	9 958	1 242	1 510	44	39	507
\$5,000 to \$24,999.....	5	51	2 129	143	298	27	3	89
\$25,000 or more.....	1	—	73	5	6	4	—	1
Interest expense..... farms.....	148	602	27 846	4 808	3 122	384	796	1 135
..... \$1,000.....	1 837	3 686	259 382	18 116	28 907	4 322	2 524	10 788
Farms with expenses of—								
\$1 to \$4,999.....	118	366	15 381	3 829	1 410	235	696	534
\$5,000 to \$24,999.....	12	209	9 909	897	1 469	102	87	498
\$25,000 to \$99,999.....	17	27	2 435	77	237	42	12	102
\$100,000 or more.....	1	—	121	5	6	5	1	1
Secured by real estate..... farms.....	131	379	19 229	3 349	1 961	284	587	860
..... \$1,000.....	775	2 235	170 279	12 250	19 049	3 097	2 098	8 448
Farms with expenses of—								
\$1 to \$999.....	28	73	3 330	1 110	173	80	165	98
\$1,000 to \$4,999.....	78	162	6 940	1 529	649	88	354	286
\$5,000 to \$24,999.....	18	132	7 399	664	993	86	56	391
\$25,000 or more.....	7	12	1 560	46	146	30	12	85
Not secured by real estate..... farms.....	53	381	16 725	2 450	2 072	188	378	580
..... \$1,000.....	1 063	1 450	89 103	5 866	9 857	1 225	426	2 340
Farms with expenses of—								
\$1 to \$999.....	26	157	5 632	1 355	525	64	243	173
\$1,000 to \$4,999.....	9	141	6 180	834	866	71	123	235
\$5,000 to \$24,999.....	11	75	4 268	232	629	42	12	167
\$25,000 or more.....	7	8	645	29	52	11	—	5
Cash rent..... farms.....	42	310	15 344	1 717	1 891	125	158	716
..... \$1,000.....	195	3 426	169 848	7 261	15 834	1 144	210	7 712
Farms with expenses of—								
\$1 to \$4,999.....	31	129	6 371	1 321	883	57	154	267
\$5,000 to \$9,999.....	7	65	2 996	199	427	28	3	156
\$10,000 to \$24,999.....	3	81	4 283	159	495	31	1	222
\$25,000 or more.....	1	35	1 694	38	86	9	—	71
Property taxes..... farms.....	242	1 079	37 938	9 243	3 341	556	1 409	1 294
..... \$1,000.....	567	1 840	91 712	13 522	8 954	1 567	1 047	3 916
Farms with expenses of—								
\$1 to \$4,999.....	227	1 023	33 174	8 904	2 957	477	1 393	1 091
\$5,000 to \$9,999.....	8	42	3 768	297	343	53	13	172
\$10,000 to \$24,999.....	5	12	935	38	39	21	3	29
\$25,000 or more.....	2	2	61	4	2	5	—	2
All other farm production expenses..... farms.....	242	1 035	42 347	9 618	4 142	574	1 368	1 435
..... \$1,000.....	4 023	2 863	243 273	18 562	35 074	13 256	1 913	8 913
Farms with expenses of—								
\$1 to \$4,999.....	167	878	29 219	8 922	1 908	407	1 335	753
\$5,000 to \$24,999.....	35	144	11 598	844	1 966	117	18	643
\$25,000 to \$49,999.....	28	10	1 069	32	235	24	11	32
\$50,000 or more.....	12	3	461	20	33	26	4	7

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....	number... 105 184	51 031	1 270	-	-	1 270	179	181
Average per farm.....	\$1,000... 2 146 997	847 694	-535	-	-	-535	1 383	140
	dollars... 20 412	16 611	-421	-	-	-421	7 726	775
Farms with net gains <sup>2</sup> .....	number... 74 987	37 205	434	-	-	434	118	47
Average net gain.....	dollars... 31 660	25 738	5 280	-	-	5 280	13 238	14 148
Gain of—								
Less than \$1,000.....	4 767	2 103	166	-	-	166	32	6
\$1,000 to \$9,999.....	22 906	12 504	227	-	-	227	41	24
\$10,000 to \$49,999.....	33 147	17 076	38	-	-	38	34	14
\$50,000 or more.....	14 167	5 522	3	-	-	3	11	3
Farms with net losses.....	number... 30 197	13 826	836	-	-	836	61	134
Average net loss.....	dollars... 7 521	7 947	3 381	-	-	3 381	2 936	3 915
Loss of—								
Less than \$1,000.....	4 943	2 084	204	-	-	204	16	34
\$1,000 to \$9,999.....	18 984	8 358	601	-	-	601	43	94
\$10,000 to \$49,999.....	5 889	3 209	31	-	-	31	2	6
\$50,000 or more.....	381	175	-	-	-	-	-	-
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....	farms... 75 203	43 203	354	-	-	354	47	15
	\$1,000... 1 153 713	719 750	2 012	-	-	2 012	342	47
Other farm-related income <sup>1</sup> .....	farms... 30 370	14 885	297	-	-	297	46	35
	\$1,000... 132 008	65 992	1 274	-	-	1 274	123	212
Customwork and other agricultural services.....	farms... 15 001	8 162	87	-	-	87	27	-
	\$1,000... 61 977	36 200	204	-	-	204	(D)	-
Gross cash rent or share payments.....	farms... 8 633	3 649	183	-	-	183	19	33
	\$1,000... 58 000	24 145	1 052	-	-	1 052	93	211
Forest products and Christmas trees.....	farms... 710	224	-	-	-	-	-	-
	\$1,000... 1 876	487	-	-	-	-	-	-
Other farm-related income sources.....	farms... 11 908	5 746	42	-	-	42	1	7
	\$1,000... 10 156	5 160	18	-	-	18	(D)	1
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....	farms... 51 178	31 844	59	-	-	59	17	5
	\$1,000... 1 598 775	1 090 245	693	-	-	693	294	46
Corn.....	farms... 50 551	31 513	59	-	-	59	17	4
	\$1,000... 1 298 123	866 827	624	-	-	624	234	(D)
Wheat.....	farms... 61	35	2	-	-	2	-	-
	\$1,000... 127	(D)	(D)	-	-	(D)	-	-
Soybeans.....	farms... 14 094	9 910	4	-	-	4	6	-
	\$1,000... 298 747	223 213	(D)	-	-	(D)	60	-
Sorghum, barley, and oats.....	farms... 86	49	-	-	-	-	-	-
	\$1,000... 190	105	-	-	-	-	-	-
Cotton.....	farms... -	-	-	-	-	-	-	-
	\$1,000... -	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....	farms... 70	1	-	-	-	-	-	1
	\$1,000... 1 587	(D)	-	-	-	-	-	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....	farms... 96 749	50 200	1 451	-	-	1 451	213	195
	acres... 27 290 868	16 333 632	93 785	-	-	93 785	12 208	3 984
Harvested cropland.....	farms... 92 878	50 200	1 451	-	-	1 451	213	195
	acres... 20 484 178	12 688 908	62 399	-	-	62 399	9 613	2 553
Farms by acres harvested:								
1 to 49 acres.....	17 548	6 601	1 089	-	-	1 089	177	187
50 to 99 acres.....	13 956	7 652	229	-	-	229	14	6
100 to 199 acres.....	23 454	12 573	95	-	-	95	10	1
200 to 499 acres.....	29 005	17 132	34	-	-	34	11	1
500 to 999 acres.....	7 723	5 340	1	-	-	1	-	-
1,000 to 1,999 acres.....	1 114	841	3	-	-	3	1	-
2,000 acres or more.....	78	61	-	-	-	-	-	-
Cropland:								
Pasture or grazing only.....	farms... 36 766	12 881	359	-	-	359	30	36
	acres... 2 283 547	759 494	12 133	-	-	12 133	505	607
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....	farms... 27 088	16 781	214	-	-	214	28	29
	acres... 1 670 711	1 065 721	9 297	-	-	9 297	457	400
On which all crops failed.....	farms... 1 640	814	30	-	-	30	21	5
	acres... 45 013	26 210	388	-	-	388	132	(D)
In cultivated summer fallow.....	farms... 844	358	10	-	-	10	4	3
	acres... 45 160	21 128	382	-	-	382	166	(D)
Idle.....	farms... 42 114	25 762	236	-	-	236	43	31
	acres... 2 762 259	1 772 171	9 186	-	-	9 186	1 335	393
Total woodland.....	farms... 24 782	9 534	464	-	-	464	48	78
	acres... 1 316 448	484 254	14 964	-	-	14 964	1 638	1 969
Woodland pastured.....	farms... 14 393	4 267	163	-	-	163	12	17
	acres... 774 976	219 318	4 444	-	-	4 444	270	563
Woodland not pastured.....	farms... 14 477	6 474	345	-	-	345	41	65
	acres... 541 472	264 936	10 520	-	-	10 520	1 368	1 406

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT<sup>1</sup></b>								
All farms.....number.....	264	1 191	43 266	10 092	4 142	601	1 575	1 484
.....\$1,000.....	10 844	7 024	1 085 721	32 910	135 978	22 204	-2 116	38 660
Average per farm.....dollars.....	41 075	5 897	25 094	3 261	32 829	36 945	-1 344	26 051
Farms with net gains <sup>2</sup> .....number.....	201	443	31 100	5 352	3 784	287	261	1 107
Average net gain.....dollars.....	57 277	25 204	37 866	10 650	36 733	96 125	15 252	37 151
Gain of—								
Less than \$1,000.....	35	15	2 231	951	82	11	75	11
\$1,000 to \$9,999.....	58	193	8 955	3 068	545	63	123	173
\$10,000 to \$49,999.....	58	170	12 762	1 129	2 152	116	41	686
\$50,000 or more.....	50	65	7 152	204	1 005	97	22	237
Farms with net losses.....number.....	63	748	12 166	4 740	358	314	1 314	377
Average net loss.....dollars.....	10 617	5 538	7 556	5 082	8 433	17 146	4 640	6 543
Loss of—								
Less than \$1,000.....	14	121	2 036	832	80	44	246	64
\$1,000 to \$9,999.....	26	536	7 733	3 303	180	211	949	253
\$10,000 to \$49,999.....	23	82	2 222	589	96	49	111	58
\$50,000 or more.....	-	9	175	16	2	10	8	2
<b>GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME</b>								
Government payments.....farms.....	18	533	26 937	4 056	2 556	222	179	1 139
.....\$1,000.....	112	6 641	380 556	29 911	23 089	3 048	1 450	16 666
Other farm-related income <sup>1</sup> .....farms.....	65	339	12 318	2 502	1 429	180	291	485
.....\$1,000.....	292	1 602	54 833	11 913	3 191	919	1 467	2 104
Customwork and other agricultural services.....farms.....	-	168	5 629	636	563	47	38	280
.....\$1,000.....	-	660	21 354	2 279	1 717	138	(D)	1 304
Gross cash rent or share payments.....farms.....	42	91	4 091	1 482	152	115	175	83
.....\$1,000.....	224	743	28 756	9 255	627	669	969	510
Forest products and Christmas trees.....farms.....	27	19	342	135	68	1	16	13
.....\$1,000.....	66	134	1 008	158	115	(D)	(D)	63
Other farm-related income sources.....farms.....	15	125	4 659	647	941	63	81	228
.....\$1,000.....	2	65	3 714	222	732	(D)	126	227
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....farms.....	4	319	16 477	1 245	1 484	135	69	765
.....\$1,000.....	109	7 043	456 235	14 426	20 655	4 266	1 865	17 324
Corn.....farms.....	4	318	16 257	1 217	1 473	133	13	760
.....\$1,000.....	(D)	6 042	386 068	12 714	19 460	3 471	237	15 028
Wheat.....farms.....	-	4	20	4	-	-	-	-
.....\$1,000.....	-	(D)	(D)	7	-	-	-	-
Soybeans.....farms.....	2	58	3 811	153	112	38	4	149
.....\$1,000.....	(D)	996	70 045	1 686	(D)	795	59	(D)
Sorghum, barley, and oats.....farms.....	-	2	31	6	2	-	-	2
.....\$1,000.....	-	(D)	80	10	(D)	-	-	(D)
Cotton.....farms.....	-	-	-	-	-	-	-	-
.....\$1,000.....	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....farms.....	-	-	11	4	-	-	57	-
.....\$1,000.....	-	-	(D)	8	-	-	1 569	-
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland.....farms.....	278	1 039	36 782	7 997	3 946	359	895	1 991
.....acres.....	9 649	183 079	9 369 926	1 125 152	794 555	60 468	34 235	395 347
Harvested cropland.....farms.....	278	992	33 684	6 412	3 874	296	447	1 248
.....acres.....	7 197	125 317	6 624 630	503 620	621 736	43 710	9 311	288 004
Farms by acres harvested:								
1 to 49 acres.....	258	481	7 773	3 391	371	99	414	98
50 to 99 acres.....	7	119	4 955	1 497	774	51	16	133
100 to 199 acres.....	5	173	8 427	963	1 707	70	6	387
200 to 499 acres.....	6	182	10 061	482	956	62	11	549
500 to 999 acres.....	1	31	2 199	72	63	13	-	75
1,000 to 1,999 acres.....	1	5	253	5	3	1	-	6
2,000 acres or more.....	-	1	16	2	-	-	-	-
Cropland:								
Pasture or grazing only.....farms.....	19	447	18 998	5 095	2 495	114	544	843
.....acres.....	414	27 066	1 305 440	405 627	104 607	5 010	12 981	55 290
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms.....	24	239	8 728	1 560	545	96	94	310
.....acres.....	564	12 190	530 471	99 198	23 060	4 851	5 106	18 594
On which all crops failed.....farms.....	7	75	586	176	46	10	20	26
.....acres.....	119	2 479	13 706	3 986	901	(D)	177	839
In cultivated summer fallow.....farms.....	5	13	347	90	70	1	13	20
.....acres.....	211	560	17 866	3 353	3 015	(D)	336	1 485
Idle.....farms.....	48	277	13 877	1 800	1 014	140	121	565
.....acres.....	1 144	15 467	877 813	109 368	41 236	6 855	6 324	30 335
Total woodland.....farms.....	53	384	11 531	3 587	1 779	92	374	445
.....acres.....	1 707	20 281	640 576	203 307	106 823	3 168	10 495	30 573
Woodland pastured.....farms.....	13	202	7 818	2 715	1 309	37	243	312
.....acres.....	131	11 146	436 717	150 542	72 962	1 329	6 553	21 543
Woodland not pastured.....farms.....	44	250	5 834	1 515	952	66	177	229
.....acres.....	1 576	9 135	203 859	52 765	33 861	1 839	3 942	9 030

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Pastureland and rangeland other than cropland and woodland pastured .....	farms... 22 415	8 271	294	-	-	294	27	14
acres... 1 452 248	461 744	11 242	11 242	-	-	11 242	695	165
Land in house lots, ponds, roads, wasteland, etc. ....	farms... 79 586	36 711	1 022	-	-	1 022	142	144
acres... 1 578 566	857 842	11 527	11 527	-	-	11 527	1 390	972
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs:								
farms... 69 141	41 793	180	-	-	180	22	5	
acres... 3 560 902	2 342 848	3 489	-	-	3 489	637	98	
Conservation reserve program:								
farms... 8 050	4 055	114	-	-	114	14	5	
acres... 697 896	341 023	8 089	-	-	8 089	826	98	
Value of land and buildings <sup>1</sup> .....	farms... 105 184	51 031	1 270	-	-	1 270	179	181
\$1,000... 29 829 901	17 697 612	109 784	-	-	109 784	22 797	18 531	
Average per farm .....	dollars... 263 597	346 801	86 444	-	-	86 444	127 358	102 381
Average per acre .....	dollars... 947	971	1 034	-	-	1 034	1 574	3 124
Farms by value group:								
\$1 to \$39,999 .....	13 227	2 739	381	-	-	381	46	77
\$40,000 to \$69,999 .....	11 020	3 998	370	-	-	370	29	38
\$70,000 to \$99,999 .....	9 152	4 141	217	-	-	217	38	17
\$100,000 to \$149,999 .....	12 468	5 865	142	-	-	142	28	12
\$150,000 to \$199,999 .....	9 769	5 376	58	-	-	58	16	11
\$200,000 to \$499,999 .....	31 637	17 280	91	-	-	91	17	14
\$500,000 to \$999,999 .....	14 045	9 008	7	-	-	7	4	11
\$1,000,000 to \$1,999,999 .....	3 466	2 352	2	-	-	2	-	1
\$2,000,000 to \$4,999,999 .....	380	261	2	-	-	2	1	-
\$5,000,000 or more .....	20	11	-	-	-	-	-	-
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment .....	farms... 104 901	50 858	1 247	-	-	1 247	179	181
\$1,000... 5 543 375	2 947 752	19 925	19 925	-	-	19 925	4 188	3 209
Farms by value group:								
\$1 to \$4,999 .....	6 659	2 125	154	-	-	154	33	35
\$5,000 to \$9,999 .....	12 872	4 417	595	-	-	595	62	44
\$10,000 to \$19,999 .....	15 609	7 369	198	-	-	198	29	56
\$20,000 to \$49,999 .....	28 782	14 701	225	-	-	225	33	35
\$50,000 to \$99,999 .....	22 911	12 398	56	-	-	56	12	8
\$100,000 to \$199,999 .....	14 193	7 708	16	-	-	16	8	3
\$200,000 to \$499,999 .....	3 763	2 085	3	-	-	3	2	-
\$500,000 or more .....	112	55	-	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Motortrucks, including pickups .....	farms... 93 674	45 426	1 059	-	-	1 059	122	162
number... 143 433	72 811	1 234	1 234	-	-	1 234	230	240
Wheel tractors .....	farms... 97 120	47 718	1 098	-	-	1 098	162	145
number... 302 392	152 270	2 237	2 237	-	-	2 237	377	283
Less than 40 horsepower (PTO) .....	farms... 48 200	22 751	647	-	-	647	115	97
number... 79 062	37 782	1 120	1 120	-	-	1 120	182	136
40 horsepower (PTO) or more .....	farms... 85 755	44 087	700	-	-	700	89	69
number... 223 330	114 488	1 117	1 117	-	-	1 117	195	147
Grain and bean combines .....	farms... 55 575	32 261	222	-	-	222	36	9
number... 60 004	35 036	263	263	-	-	263	37	11
Cottonpickers and strippers .....	farms... -	-	-	-	-	-	-	-
number... -	-	-	-	-	-	-	-	-
Mower conditioners .....	farms... 29 756	10 608	371	-	-	371	18	41
number... 31 333	11 257	388	388	-	-	388	21	41
Pickup balers .....	farms... 40 640	15 395	461	-	-	461	18	15
number... 46 867	17 304	511	511	-	-	511	18	15
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Commercial fertilizer .....	farms... 83 051	47 195	544	-	-	544	124	75
acres on which used... 13 313 702	8 080 072	23 874	23 874	-	-	23 874	8 093	828
Lime .....	farms... 17 823	7 761	120	-	-	120	8	-
acres on which used... 1 219 181	594 973	3 967	3 967	-	-	3 967	469	-
tons... 2 846 408	1 355 409	9 085	9 085	-	-	9 085	1 453	-
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops .....	farms... 41 361	21 463	230	-	-	230	105	104
acres on which used... 4 910 343	2 723 576	8 423	8 423	-	-	8 423	3 953	1 551
Nematodes in crops .....	farms... 2 548	1 232	9	-	-	9	3	5
acres on which used... 267 277	137 649	360	360	-	-	360	121	50
Diseases in crops and orchards .....	farms... 1 330	672	1	-	-	1	60	88
acres on which used... 112 420	60 450	(D)	(D)	-	-	(D)	2 167	1 547
Weeds, grass, or brush in crops and pasture .....	farms... 70 486	40 911	357	-	-	357	103	60
acres on which used... 14 709 093	9 795 276	23 760	23 760	-	-	23 760	7 271	804
Chemicals for defoliation or for growth control of crops or thinning of fruit .....	farms... 1 066	617	1	-	-	1	15	12
acres on which used... 120 779	70 960	(D)	(D)	-	-	(D)	286	323

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Pastureland and rangeland other than cropland and woodland pastured	farms... 14 acres... 290	268 15 114	11 400 863 449	3 393 292 156	1 139 52 488	87 2 434	482 11 451	419 33 176
Land in house lots, ponds, roads, wasteland, etc.	farms... 168 acres... 1 583	780 13 449	34 563 609 127	7 413 101 755	3 196 43 970	484 6 204	1 253 8 786	1 123 23 716
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs	farms... 10 acres... 183	434 17 185	23 135 1 080 861	2 420 52 905	2 366 63 763	180 8 880	40 1 075	976 41 883
Conservation reserve program	farms... 6 acres... 372	109 9 884	3 269 296 884	1 083 105 459	180 12 142	32 1 513	90 7 318	176 19 747
Value of land and buildings <sup>1</sup>	farms... 264 \$1,000... 49 137	1 191 227 775	43 266 10 081 680	10 092 1 111 525	4 142 928 172	601 126 631	1 575 111 226	1 484 456 556
Average per farm	dollars... 186 125	191 247	233 016	110 139	224 088	210 700	70 620	307 652
Average per acre	dollars... 3 855	913	895	666	915	1 781	1 966	928
Farms by value group:								
\$1 to \$39,999	81	198	8 416	2 923	350	141	767	31
\$40,000 to \$69,999	35	230	5 590	2 309	255	115	296	64
\$70,000 to \$99,999	53	162	3 775	1 433	364	105	196	84
\$100,000 to \$149,999	28	157	5 099	1 539	695	51	157	234
\$150,000 to \$199,999	11	76	3 307	547	594	38	58	224
\$200,000 to \$499,999	33	288	11 563	1 074	1 562	83	72	634
\$500,000 to \$999,999	15	48	4 395	184	292	51	27	187
\$1,000,000 to \$1,999,999	6	30	1 007	76	29	12	2	25
\$2,000,000 to \$4,999,999	1	2	108	7	1	4	-	-
\$5,000,000 or more	1	-	6	-	-	1	-	1
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment	farms... 264 \$1,000... 10 764	1 152 34 882	43 218 2 122 541	10 050 220 411	4 142 255 363	601 35 516	1 575 19 878	1 484 89 357
Farms by value group:								
\$1 to \$4,999	34	147	3 610	1 564	81	95	288	57
\$5,000 to \$9,999	47	330	6 001	2 634	189	161	841	185
\$10,000 to \$19,999	40	178	6 859	2 475	469	63	203	145
\$20,000 to \$49,999	87	254	11 308	2 254	1 419	104	199	417
\$50,000 to \$99,999	23	171	8 646	724	1 114	62	24	397
\$100,000 to \$199,999	20	56	5 342	340	737	76	12	215
\$200,000 to \$499,999	13	16	1 412	58	131	34	8	59
\$500,000 or more	-	-	40	1	2	6	-	9
<b>SELECTED MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Motortrucks, including pickups	farms... 212 number... 563	986 1 434	38 733 57 223	8 388 10 959	3 808 5 201	507 882	1 295 1 635	1 364 1 980
Wheel tractors	farms... 207 number... 613	1 019 2 465	39 702 120 972	8 990 21 053	4 008 14 720	505 1 390	1 135 1 815	1 421 5 250
Less than 40 horsepower (PTO)	farms... 130 number... 248	536 787	20 184 32 639	5 175 8 437	1 962 3 434	329 497	739 1 053	710 1 184
40 horsepower (PTO) or more	farms... 160 number... 365	801 1 678	33 849 88 333	6 603 12 616	3 789 11 286	386 893	551 762	1 274 4 066
Grain and bean combines	farms... 39 number... 40	373 402	19 704 21 167	2 364 2 581	1 778 1 831	188 196	76 76	889 945
Cottonpickers and strippers	farms... - number... -	- -	- -	- -	- -	- -	- -	- -
Mower conditioners	farms... 43 number... 61	431 450	13 991 14 673	2 951 3 112	3 147 3 299	73 79	152 153	881 911
Pickup balers	farms... 51 number... 65	573 704	19 487 22 728	4 079 4 767	3 357 4 009	132 146	187 209	964 1 158
<b>AGRICULTURAL CHEMICALS<sup>1</sup></b>								
Commercial fertilizer	farms... 152 acres on which used... 5 223	671 85 132	29 163 4 481 844	4 559 330 556	3 475 403 416	241 26 851	208 7 357	1 203 190 912
Lime	farms... 11 acres on which used... 191	123 7 355	8 098 536 910	1 321 60 586	1 208 46 913	38 2 937	88 2 451	388 23 015
Sprays, dusts, granules, fumigants, etc., to control—	tons... 462	19 064	1 258 808	148 777	132 778	6 351	5 380	57 618
Insects on hay and other crops	farms... 141 acres on which used... 2 105	334 26 156	15 825 1 879 012	1 534 90 957	2 360 181 265	98 9 878	25 1 906	676 72 518
Nematodes in crops	farms... 12 acres on which used... 40	23 1 500	986 105 413	84 5 798	201 15 515	4 (D)	1 (D)	72 5 913
Diseases in crops and orchards	farms... 62 acres on which used... 858	19 634	359 42 817	33 846	50 2 785	1 (D)	8 (D)	10 723
Weeds, grass, or brush in crops and pasture	farms... 114 acres on which used... 4 191	602 84 199	24 256 4 327 941	3 878 295 718	2 683 257 932	243 31 213	142 4 421	1 015 172 085
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms... 9 acres on which used... 12	9 466	354 46 155	44 878	26 728	2 (D)	- -	21 1 559

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; ish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>TENURE AND RACE OF OPERATOR</b>								
All operators .....	105 180	50 200	1 451	-	-	1 451	213	195
Full owners .....	48 226	18 560	1 195	-	-	1 195	125	175
Part owners .....	35 207	18 640	138	-	-	138	50	13
Tenants .....	21 747	13 000	118	-	-	118	38	7
White .....	105 056	50 143	1 445	-	-	1 445	210	195
Full owners .....	48 162	18 538	1 189	-	-	1 189	123	175
Part owners .....	35 182	18 627	138	-	-	138	49	13
Tenants .....	21 712	12 978	118	-	-	118	38	7
Black and other races .....	124	57	6	-	-	6	3	-
Full owners .....	64	22	6	-	-	6	2	-
Part owners .....	25	13	-	-	-	-	1	-
Tenants .....	35	22	-	-	-	-	-	-
<b>OWNED AND RENTED LAND</b>								
Land owned .....	84 315	37 829	1 338	-	-	1 338	175	188
farms.....	17 021 650	8 286 496	125 672	-	-	125 672	12 414	9 023
acres.....	83 433	37 200	1 333	-	-	1 333	175	188
Owned land in farms.....	15 050 360	7 564 799	102 606	-	-	102 606	9 992	6 438
Land rented or leased from others .....	57 231	31 734	260	-	-	260	88	21
farms.....	16 739 305	10 648 878	30 291	-	-	30 291	7 221	1 139
acres.....	56 954	31 640	256	-	-	256	88	20
Rented or leased land in farms .....	16 587 770	10 572 673	28 912	-	-	28 912	5 939	652
acres.....	14 144	5 596	257	-	-	257	47	40
Land rented or leased to others.....	2 122 825	797 902	24 445	-	-	24 445	3 704	3 072
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	78 710	34 443	994	-	-	994	152	147
Not on farm operated .....	20 505	13 058	350	-	-	350	45	44
Not reported .....	5 965	2 699	107	-	-	107	16	4
Operators by principal occupation:								
Farming .....	75 279	37 149	488	-	-	488	93	69
Other .....	29 901	13 051	963	-	-	963	120	126
Operators by days of work off farm:								
None .....	51 753	23 951	425	-	-	425	71	56
Any .....	46 229	22 704	929	-	-	929	133	133
1 to 99 days .....	13 104	7 359	92	-	-	92	27	20
100 to 199 days .....	7 197	3 862	109	-	-	109	18	9
200 days or more .....	25 928	11 483	728	-	-	728	88	104
Not reported .....	7 198	3 545	97	-	-	97	9	6
Operators by years on present farm:								
2 years or less .....	5 787	2 825	93	-	-	93	24	8
3 or 4 years .....	5 973	2 772	87	-	-	87	18	20
5 to 9 years .....	13 617	6 270	242	-	-	242	38	41
10 years or more .....	65 721	31 931	788	-	-	788	103	108
Average years on present farm .....	19.7	20.0	17.4	-	-	17.4	16.2	15.6
Not reported .....	14 082	6 402	241	-	-	241	30	18
Operators by age group:								
Under 25 years .....	2 852	1 336	21	-	-	21	4	-
25 to 34 years .....	17 458	8 064	145	-	-	145	19	20
35 to 44 years .....	21 282	9 846	308	-	-	308	53	39
45 to 49 years .....	10 512	4 750	151	-	-	151	19	21
50 to 54 years .....	11 232	5 328	162	-	-	162	23	24
55 to 59 years .....	12 608	6 228	158	-	-	158	28	29
60 to 64 years .....	12 679	6 553	147	-	-	147	18	26
65 to 69 years .....	7 848	3 927	132	-	-	132	31	12
70 years and over .....	8 709	4 168	227	-	-	227	18	24
Average age .....	49.3	49.7	52.8	-	-	52.8	51.5	53.1
Operators by sex:								
Male .....	101 838	48 769	1 359	-	-	1 359	200	182
Female .....	3 342	1 431	92	-	-	92	13	13
Operators of Spanish origin (see text) .....	105	55	1	-	-	1	-	-
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....	89 188	42 849	1 321	-	-	1 321	186	178
farms.....	25 058 946	14 716 025	111 538	-	-	111 538	11 987	6 606
acres.....	11 088	4 835	90	-	-	90	20	13
Partnership .....	3 802 372	1 828 506	10 845	-	-	10 845	2 057	398
acres.....								
Corporation:								
Family held .....	4 094	2 117	29	-	-	29	5	3
farms.....	2 568 304	1 469 391	7 891	-	-	7 891	(D)	(D)
acres.....	81	40	-	-	-	-	-	-
More than 10 stockholders .....	4 013	2 077	29	-	-	29	5	3
farms.....								
Other than family held .....	310	126	1	-	-	1	-	1
farms.....	91 558	54 149	(D)	-	-	(D)	-	(D)
acres.....	34	15	-	-	-	-	-	-
More than 10 stockholders .....	276	111	1	-	-	1	-	1
farms.....								
Other—cooperative, estate or trust, institutional, etc. ....	500	273	10	-	-	10	2	-
farms.....	116 950	69 401	(D)	-	-	(D)	(D)	-
acres.....								

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>TENURE AND RACE OF OPERATOR</b>								
All operators -----	278	1 039	43 979	10 095	4 209	570	1 601	1 445
Full owners -----	221	663	23 127	7 351	1 860	415	1 288	597
Part owners -----	33	247	13 874	1 771	1 391	101	145	575
Tenants -----	24	129	6 978	973	958	54	168	273
White -----	278	1 036	43 936	10 082	4 203	570	1 595	1 445
Full owners -----	221	661	23 099	7 342	1 858	415	1 286	597
Part owners -----	33	247	13 866	1 769	1 388	101	145	575
Tenants -----	24	128	6 971	971	957	54	164	273
Black and other races -----	-	3	43	13	6	-	6	-
Full owners -----	-	2	28	9	2	-	2	-
Part owners -----	-	-	8	2	3	-	-	-
Tenants -----	-	1	7	2	1	-	4	-
<b>OWNED AND RENTED LAND</b>								
Land owned ----- farms... 254		916	37 213	9 158	3 267	516	1 440	1 179
acres... 14 460		144 236	7 346 982	1 681 575	644 382	61 575	95 659	280 751
Owned land in farms ----- farms... 254		910	37 001	9 122	3 251	516	1 433	1 172
acres... 9 934		129 763	6 262 120	1 268 726	604 592	44 413	53 159	262 544
Land rented or leased from others ----- farms... 57		377	21 011	2 799	2 357	160	318	848
acres... 3 410		103 484	5 286 138	465 230	396 549	28 427	12 382	221 386
Rented or leased land in farms ----- farms... 57		376	20 852	2 744	2 349	155	313	848
acres... 3 295		102 160	5 220 958	453 644	393 244	27 861	11 808	220 268
Land rented or leased to others ----- farms... 38		163	7 092	2 697	316	129	312	154
acres... 4 641		15 797	1 150 042	424 435	43 095	17 728	43 074	19 325
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated -----	161	804	35 502	7 379	3 721	401	1 198	1 187
Not on farm operated -----	96	170	5 896	1 925	312	116	274	144
Not reported -----	21	65	2 581	791	176	53	129	114
Operators by principal occupation:								
Farming -----	112	548	31 036	5 298	3 942	327	311	1 204
Other -----	166	491	12 943	4 797	267	243	1 290	241
Operators by days of work off farm:								
None -----	123	374	22 168	3 824	3 108	261	297	919
Any -----	137	617	18 819	5 437	824	267	1 259	407
1 to 99 days -----	27	116	4 754	814	405	54	104	146
100 to 199 days -----	19	93	2 754	834	142	34	99	58
200 days or more -----	91	408	11 311	3 789	277	179	1 056	203
Not reported -----	18	48	2 992	834	277	42	45	119
Operators by years on present farm:								
2 years or less -----	17	66	2 296	560	257	44	104	53
3 or 4 years -----	16	51	2 502	509	267	49	131	60
5 to 9 years -----	43	130	5 754	1 138	579	74	306	140
10 years or more -----	160	653	27 287	6 059	2 661	298	776	956
Average years on present farm -----	16.4	18.9	19.7	21.2	18.7	17.8	13.6	21.2
Not reported -----	42	139	6 140	1 829	445	105	284	236
Operators by age group:								
Under 25 years -----	2	15	1 296	199	122	10	23	23
25 to 34 years -----	31	138	7 630	1 071	897	93	197	224
35 to 44 years -----	81	215	8 903	1 509	940	109	487	301
45 to 49 years -----	33	121	4 495	925	497	54	210	161
50 to 54 years -----	39	106	4 627	1 002	485	59	182	197
55 to 59 years -----	21	131	5 110	1 153	474	87	157	185
60 to 64 years -----	28	132	4 984	1 280	431	65	128	167
65 to 69 years -----	27	73	3 205	1 232	198	42	108	93
70 years and over -----	16	108	3 729	1 724	165	51	109	94
Average age -----	49.2	50.9	49.0	54.5	46.2	49.9	48.3	49.2
Operators by sex:								
Male -----	256	993	42 614	9 519	4 087	532	1 445	1 401
Female -----	22	46	1 365	576	122	38	156	44
Operators of Spanish origin (see text) -----	-	1	37	7	5	1	1	4
<b>FARMS BY TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms... 178		921	37 138	8 954	3 356	436	1 467	1 158
acres... 6 515		191 486	8 796 012	1 452 429	759 801	44 043	57 316	357 617
Partnership ----- farms... 21		87	4 896	942	759	53	85	229
acres... 201		29 475	1 624 111	191 653	201 093	11 743	3 028	90 915
Corporation:								
Family held ----- farms... 72		19	1 625	140	73	59	42	50
acres... 4 797		8 491	995 460	65 092	31 358	14 967	4 049	31 594
More than 10 stockholders ----- farms... 1		-	33	1	3	4	-	-
10 or less stockholders ----- farms... 71		19	1 592	139	70	55	42	50
Other than family held ----- farms... 6		4	147	16	4	18	2	1
acres... (D)		730	31 617	5 981	1 672	1 301	(D)	(D)
More than 10 stockholders ----- farms... 1		1	15	4	-	2	-	-
10 or less stockholders ----- farms... 5		3	132	12	4	16	2	1
Other—cooperative, estate or trust, institutional, etc. ----- farms... 1		8	173	43	17	4	5	7
acres... (D)		1 741	35 878	7 215	3 912	220	(D)	(D)

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	7 974	327	60	-	-	60	50	42
10 to 49 acres .....	10 981	3 350	681	-	-	681	88	108
50 to 99 acres .....	2 901	1 257	113	-	-	113	14	17
100 to 199 acres .....	6 981	3 704	183	-	-	183	22	14
200 to 299 acres .....	7 168	3 556	132	-	-	132	9	6
300 to 399 acres .....	10 506	5 627	100	-	-	100	9	3
400 to 499 acres .....	6 574	3 089	48	-	-	48	3	3
500 to 599 acres .....	7 119	3 617	34	-	-	34	4	1
600 to 699 acres .....	25 378	13 619	79	-	-	79	10	1
700 to 799 acres .....	15 874	9 585	18	-	-	18	3	-
800 to 899 acres .....	3 401	2 260	1	-	-	1	1	-
900 to 999 acres .....	323	209	2	-	-	2	-	-
1,000 to 1,999 acres .....								
2,000 acres or more .....								
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	50 200	50 200	-	-	-	-	-	-
Field crops, except cash grains (013) .....	1 451	-	1 451	-	-	1 451	-	-
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1 451	-	1 451	-	-	1 451	-	-
Vegetables and melons (016) .....	213	-	-	-	-	-	213	-
Fruits and tree nuts (017) .....	195	-	-	-	-	-	-	195
Horticultural specialties (018) .....	278	-	-	-	-	-	-	-
General farms, primarily crop (019) .....	1 039	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021) .....	43 979	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212) .....	10 095	-	-	-	-	-	-	-
Dairy farms (024) .....	4 209	-	-	-	-	-	-	-
Poultry and eggs (025) .....	570	-	-	-	-	-	-	-
Animal specialties (027) .....	1 601	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029) .....	1 445	-	-	-	-	-	-	-
<b>LIVESTOCK</b>								
Cattle and calves inventory .....	49 469 farms..	13 661	179	-	-	179	20	10
number..	4 303 682	760 756	2 842	-	-	2 842	345	257
Farms with—								
1 to 9 .....	4 928	1 491	106	-	-	106	10	4
10 to 49 .....	19 719	6 746	62	-	-	62	9	5
50 to 99 .....	12 289	3 361	7	-	-	7	-	1
100 to 199 .....	8 310	1 631	3	-	-	3	1	-
200 to 499 .....	3 423	408	1	-	-	1	-	-
500 or more .....	600	24	-	-	-	-	-	-
Cows and heifers that had calved .....	38 373 farms..	10 859	126	-	-	126	14	9
number..	1 418 633	322 223	1 324	-	-	1 324	96	130
Beef cows .....	32 279 farms..	10 511	118	-	-	118	13	9
number..	1 123 745	312 323	1 268	-	-	1 268	(D)	130
Farms with—								
1 to 9 .....	5 883	1 869	81	-	-	81	9	4
10 to 49 .....	19 651	6 915	33	-	-	33	4	5
50 to 99 .....	4 965	1 394	3	-	-	3	-	-
100 to 199 .....	1 467	292	1	-	-	1	-	-
200 to 499 .....	276	38	-	-	-	-	-	-
500 or more .....	37	3	-	-	-	-	-	-
Milk cows .....	7 748 farms..	525	15	-	-	15	1	-
number..	294 888	9 900	56	-	-	56	(D)	-
Farms with—								
1 to 4 .....	880	165	14	-	-	14	1	-
5 to 9 .....	278	48	-	-	-	-	-	-
10 to 49 .....	4 340	269	1	-	-	1	-	-
50 to 99 .....	1 955	42	-	-	-	-	-	-
100 to 199 .....	272	1	-	-	-	-	-	-
200 to 499 .....	22	-	-	-	-	-	-	-
500 or more .....	1	-	-	-	-	-	-	-
Heifers and heifer calves .....	38 383 farms..	10 379	110	-	-	110	17	9
number..	1 275 321	193 300	770	-	-	770	127	65
Steers, steer calves, bulls, and bull calves .....	42 527 farms..	12 017	121	-	-	121	17	9
number..	1 609 728	245 233	748	-	-	748	122	62
Cattle and calves sold .....	50 509 farms..	13 738	117	-	-	117	15	11
number..	3 539 020	403 438	1 162	-	-	1 162	126	108
\$1,000..	2 124 641	203 429	402	-	-	402	62	51
Calves .....	16 116 farms..	3 874	60	-	-	60	6	2
number..	355 396	76 376	525	-	-	525	19	(D)
\$1,000..	101 352	22 975	127	-	-	127	4	(D)
Cattle .....	43 833 farms..	11 601	80	-	-	80	10	11
number..	3 183 624	327 062	637	-	-	637	107	(D)
\$1,000..	2 023 290	180 455	275	-	-	275	59	(D)
Fattened on grain and concentrates .....	22 503 farms..	5 933	28	-	-	28	5	3
number..	2 405 669	181 932	210	-	-	210	43	31
\$1,000..	1 643 176	115 514	105	-	-	105	31	21

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	133	32	6 322	1 400	239	186	558	25
10 to 49 acres .....	94	281	5 271	1 980	189	135	733	51
50 to 69 acres .....	6	47	1 270	575	81	15	73	8
70 to 99 acres .....	13	88	2 593	1 027	205	42	79	38
100 to 139 acres .....	11	93	2 786	1 023	379	24	63	109
140 to 179 acres .....	4	88	3 753	951	696	29	29	168
180 to 219 acres .....	6	66	2 657	639	537	19	20	126
220 to 259 acres .....	1	55	2 783	498	453	21	10	140
260 to 499 acres .....	6	167	9 761	1 293	1 114	72	24	525
500 to 999 acres .....	3	101	5 621	579	290	22	10	221
1,000 to 1,999 acres .....	1	16	1 058	110	26	4	2	32
2,000 acres or more .....	-	5	104	20	-	1	-	2
<b>FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	-	-	-	-	-	-	-	-
Field crops, except cash grains (013) .....	-	-	-	-	-	-	-	-
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	-	-	-	-	-	-	-	-
Vegetables and melons (016) .....	-	-	-	-	-	-	-	-
Fruits and tree nuts (017) .....	-	-	-	-	-	-	-	-
Horticultural specialties (018) .....	278	-	-	-	-	-	-	-
General farms, primarily crop (019) .....	-	1 039	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021) .....	-	-	43 979	10 095	-	-	-	-
Beef cattle, except feedlots (0212) .....	-	-	10 095	10 095	-	-	-	-
Dairy farms (024) .....	-	-	-	-	4 209	-	-	-
Poultry and eggs (025) .....	-	-	-	-	-	570	-	-
Animal specialties (027) .....	-	-	-	-	-	-	1 601	-
General farms, primarily livestock and animal specialties (029) .....	-	-	-	-	-	-	-	1 445
<b>LIVESTOCK</b>								
Cattle and calves inventory .....	10	451	29 539	9 363	4 207	113	85	1 194
farms.....	76	21 521	2 983 748	561 780	420 949	5 626	1 129	106 433
Farms with—								
1 to 9 .....	6	97	3 014	1 230	36	38	65	61
10 to 49 .....	4	203	11 493	4 929	847	45	15	290
50 to 99 .....	-	85	6 810	1 794	1 574	16	3	432
100 to 199 .....	-	53	4 870	953	1 408	10	2	332
200 to 499 .....	-	13	2 593	369	330	2	-	76
500 or more .....	-	-	759	88	12	2	-	3
Cows and heifers that had calved .....	10	338	21 562	7 741	4 200	76	54	1 125
farms.....	43	9 292	824 961	242 778	209 617	2 130	632	48 185
Beef cows .....	10	301	20 402	7 583	466	60	52	337
farms.....	43	8 015	779 479	239 507	10 225	1 824	(D)	9 722
Farms with—								
1 to 9 .....	8	92	3 537	1 762	137	22	36	88
10 to 49 .....	2	160	12 002	4 541	290	28	14	198
50 to 99 .....	-	35	3 457	909	34	6	1	35
100 to 199 .....	-	13	1 140	292	4	3	1	13
200 to 499 .....	-	1	232	70	1	1	-	3
500 or more .....	-	-	34	9	-	-	-	-
Milk cows .....	-	53	1 894	346	4 197	20	4	1 039
farms.....	-	1 277	45 482	3 271	199 392	306	(D)	38 463
Farms with—								
1 to 4 .....	-	18	626	224	21	9	3	23
5 to 9 .....	-	-	113	36	74	2	1	40
10 to 49 .....	-	27	873	73	2 438	8	-	724
50 to 99 .....	-	8	256	13	1 419	1	-	229
100 to 199 .....	-	-	20	-	228	-	-	23
200 to 499 .....	-	-	6	-	16	-	-	-
500 or more .....	-	-	-	-	1	-	-	-
Heifers and heifer calves .....	7	307	22 351	7 083	3 991	84	53	1 075
farms.....	12	5 002	895 700	150 601	146 272	1 992	268	31 813
Steers, steer calves, bulls, and bull calves .....	6	376	25 635	7 978	3 175	88	55	1 028
farms.....	21	7 227	1 263 087	168 401	65 060	1 504	229	26 435
Cattle and calves sold .....	7	432	30 696	9 877	4 184	95	46	1 168
farms.....	38	12 550	2 950 080	459 742	125 136	3 263	559	42 560
\$1,000.....	16	5 906	1 845 295	215 725	46 886	1 654	219	20 921
Calves .....	2	137	8 616	4 718	2 682	40	24	473
farms.....	(D)	2 228	218 215	121 812	48 896	551	181	8 383
\$1,000.....	(D)	685	67 831	39 769	7 590	158	59	1 914
Cattle .....	7	371	27 077	7 758	3 504	76	28	1 068
farms.....	(D)	10 322	2 731 865	337 930	76 240	2 712	378	34 177
\$1,000.....	(D)	5 220	1 777 464	175 956	39 096	1 495	160	19 007
Fattened on grain and concentrates .....	-	147	15 112	451	794	34	7	440
farms.....	-	3 798	2 187 682	7 731	17 354	1 583	46	12 990
\$1,000.....	-	2 445	1 504 913	4 481	10 728	1 002	17	8 401

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item			Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
	Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory..... farms..	36 670	7 907	41	-	-	41	7	-
..... number..	12 983 074	1 594 539	828	-	-	828	160	-
Farms with—								
1 to 24 .....	3 530	963	30	-	-	30	5	-
25 to 49 .....	2 580	742	4	-	-	4	1	-
50 to 99 .....	4 220	1 254	6	-	-	6	1	-
100 to 199.....	6 766	1 914	1	-	-	1	-	-
200 to 499.....	11 289	2 363	-	-	-	-	-	-
500 or more .....	8 325	671	-	-	-	-	-	-
Used or to be used for breeding..... farms..	26 944	5 436	18	-	-	18	1	-
..... number..	1 657 873	205 736	179	-	-	179	(D)	-
Other .....	35 152	7 516	38	-	-	38	7	-
..... number..	11 325 201	1 388 803	649	-	-	649	(D)	-
Hogs and pigs sold .....	38 638	8 525	32	-	-	32	6	-
..... farms..	23 483 812	2 512 736	653	-	-	653	428	-
..... number..	2 494 231	258 587	60	-	-	60	24	-
..... \$1,000..	8 972	1 711	7	-	-	7	2	-
Feeder pigs .....	4 460 979	520 891	165	-	-	165	(D)	-
..... farms..	209 249	23 687	4	-	-	4	(D)	-
..... number..								
..... \$1,000..								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .. farms..	28 037	5 748	21	-	-	21	2	-
..... number..	2 495 867	282 278	149	-	-	149	(D)	-
Dec. 1 and May 31 .....	26 110	5 100	16	-	-	16	2	-
..... farms..	1 251 973	140 678	73	-	-	73	(D)	-
..... number..	25 992	5 154	16	-	-	16	1	-
June 1 and Nov. 30 .....	1 243 894	141 600	76	-	-	76	(D)	-
..... farms..								
..... number..								
Sheep and lambs of all ages inventory..... farms..	8 636	2 876	62	-	-	62	13	-
..... number..	451 617	122 564	936	-	-	936	313	-
Ewes 1 year old or older .....	8 089	2 676	58	-	-	58	11	-
..... farms..	280 591	86 456	627	-	-	627	(D)	-
..... number..								
Sheep and lambs sold .....	8 806	2 887	56	-	-	56	11	-
..... farms..	607 492	105 885	654	-	-	654	155	-
..... number..	8 052	2 648	50	-	-	50	11	-
Sheep and lambs shorn .....	542 200	115 650	728	-	-	728	320	-
..... farms..	2 901 639	783 618	4 909	-	-	4 909	1 813	-
..... number..								
..... pounds of wool..								
Horses and ponies inventory..... farms..	11 647	3 546	316	-	-	316	25	24
..... number..	59 338	15 185	1 296	-	-	1 296	128	110
Horses and ponies sold .....	2 453	511	33	-	-	33	1	1
..... farms..	9 909	1 655	81	-	-	81	(D)	(D)
..... number..	1 082	256	36	-	-	36	2	6
Goats inventory .....	7 387	1 367	198	-	-	198	(D)	(D)
..... farms..	366	67	14	-	-	14	-	-
..... number..	3 198	317	83	-	-	83	-	-
..... farms..								
..... number..								
<b>POULTRY</b>								
Chickens 3 months old or older inventory .. farms..	4 897	1 198	62	-	-	62	11	8
..... number..	9 580 666	229 010	1 506	-	-	1 506	310	187
Farms with—								
1 to 399 .....	4 456	1 139	62	-	-	62	11	8
400 to 3,199 .....	175	47	-	-	-	-	-	-
3,200 to 9,999 .....	93	5	-	-	-	-	-	-
10,000 to 19,999 .....	82	5	-	-	-	-	-	-
20,000 to 49,999 .....	50	2	-	-	-	-	-	-
50,000 to 99,999 .....	25	-	-	-	-	-	-	-
100,000 or more .....	16	-	-	-	-	-	-	-
Hens and pullets of laying age..... farms..	4 834	1 186	61	-	-	61	11	8
..... number..	8 212 576	195 264	1 446	-	-	1 446	310	(D)
Pullets 3 months old or older not of laying age .....	487	104	5	-	-	5	-	2
..... farms..	1 368 090	33 746	60	-	-	60	-	(D)
..... number..	908	161	2	-	-	2	4	-
Hens and pullets sold .....	9 873 596	343 148	(D)	-	-	(D)	203	-
..... farms..								
..... number..								
Broilers and other meat-type chickens sold .....	1 060	298	3	-	-	3	8	1
..... farms..	666 016	92 078	320	-	-	320	2 593	(D)
..... number..								
Farms with—								
1 to 1,999 .....	1 021	290	3	-	-	3	8	1
2,000 to 59,999 .....	38	8	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	-	-
100,000 or more .....	1	-	-	-	-	-	-	-
Turkey hens kept for breeding .....	345	82	5	-	-	5	1	-
..... farms..	71 889	474	15	-	-	15	(D)	-
..... number..	407	65	-	-	-	-	5	-
Turkeys sold .....	9 594 632	65 798	-	-	-	-	137	-
..... farms..								
..... number..								

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>LIVESTOCK—Con.</b>								
Hogs and pigs inventory..... farms..	3	248	26 400	961	1 217	82	30	735
..... number..	423	51 109	10 959 585	98 063	178 905	36 781	432	160 312
Farms with—								
1 to 24.....	1	44	2 176	389	202	17	28	64
25 to 49.....	-	15	1 574	170	166	3	1	54
50 to 99.....	1	37	2 554	135	236	3	-	128
100 to 199.....	-	60	4 295	139	302	11	-	183
200 to 499.....	1	69	8 307	88	273	25	1	230
500 or more.....	-	23	7 494	40	38	23	-	76
Used or to be used for breeding..... farms..	-	176	19 822	552	887	56	11	537
..... number..	-	6 749	1 393 955	12 883	25 094	4 734	(D)	21 269
Other..... farms..	3	238	25 399	873	1 145	76	24	706
..... number..	423	44 360	9 585 630	85 180	153 811	32 047	(D)	139 043
Hogs and pigs sold..... farms..	3	263	27 686	1 013	1 278	82	20	743
..... number..	583	82 486	20 293 944	149 646	273 667	56 413	252	262 650
..... \$1,000..	63	8 433	2 166 392	14 947	26 962	5 978	42	27 891
Feeder pigs..... farms..	-	52	6 674	258	361	18	3	144
..... number..	-	13 974	3 806 351	37 480	69 338	10 389	(D)	39 567
..... \$1,000..	-	570	179 831	1 651	2 928	486	(D)	1 733
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30..... farms..	-	182	20 524	613	936	58	13	553
..... number..	-	9 294	2 133 489	16 975	34 324	7 686	(D)	28 549
Dec. 1 and May 31..... farms..	-	181	19 433	498	826	57	9	506
..... number..	-	4 586	1 071 041	8 409	17 317	3 804	(D)	14 438
June 1 and Nov. 30..... farms..	-	160	19 230	496	850	55	11	515
..... number..	-	4 708	1 062 448	8 566	17 007	3 882	(D)	14 111
Sheep and lambs of all ages inventory..... farms..	8	70	5 241	672	194	37	40	95
..... number..	199	2 291	315 766	23 398	4 531	1 164	705	3 148
Ewes 1 year old or older..... farms..	8	57	4 942	616	183	35	36	83
..... number..	144	1 584	185 017	15 306	3 292	(D)	502	2 084
Sheep and lambs sold..... farms..	6	64	5 439	679	184	32	32	95
..... number..	83	1 806	489 912	18 593	3 786	1 720	446	3 045
Sheep and lambs shorn..... farms..	7	54	4 956	604	181	30	28	87
..... number..	202	1 843	413 692	19 977	4 223	1 870	520	3 152
..... pounds of wool..	1 366	14 081	2 030 745	141 087	32 055	10 464	3 531	19 077
Horses and ponies inventory..... farms..	22	238	5 329	1 661	506	69	1 349	223
..... number..	90	1 349	22 082	6 743	2 538	309	14 808	1 443
Horses and ponies sold..... farms..	3	18	880	257	88	6	839	73
..... number..	(D)	60	2 675	835	221	29	4 755	423
Goats inventory..... farms..	3	17	610	150	50	19	56	27
..... number..	22	52	4 942	759	435	87	182	86
Goats sold..... farms..	1	2	236	36	14	8	16	8
..... number..	(D)	(D)	2 446	174	112	53	70	109
<b>POULTRY</b>								
Chickens 3 months old or older inventory..... farms..	9	68	2 582	657	347	326	79	207
..... number..	242	4 087	500 932	28 652	35 956	8 452 129	1 563	354 744
Farms with—								
1 to 399.....	9	67	2 481	650	334	117	79	149
400 to 3,199.....	-	1	72	7	12	16	-	27
3,200 to 9,999.....	-	-	14	-	1	54	-	19
10,000 to 19,999.....	-	-	12	-	-	56	-	9
20,000 to 49,999.....	-	-	3	-	-	42	-	3
50,000 to 99,999.....	-	-	-	-	-	25	-	-
100,000 or more.....	-	-	-	-	-	16	-	-
Hens and pullets of laying age..... farms..	9	68	2 553	649	344	311	78	205
..... number..	(D)	3 903	448 951	25 596	29 529	7 212 742	1 478	318 566
Pullets 3 months old or older not of laying age..... farms..	1	11	254	66	37	43	9	21
..... number..	(D)	184	51 981	3 056	6 427	1 239 387	85	36 178
Hens and pullets sold..... farms..	1	5	362	51	30	260	11	72
..... number..	(D)	295	358 553	12 580	6 585	8 769 427	207	395 127
Broilers and other meat-type chickens sold..... farms..	4	9	575	75	53	71	4	34
..... number..	6 115	1 300	161 496	17 743	23 137	352 407	(D)	26 446
Farms with—								
1 to 1,999.....	3	9	564	74	50	58	4	31
2,000 to 59,999.....	1	-	11	1	3	12	-	3
60,000 to 99,999.....	-	-	-	-	-	-	-	-
100,000 or more.....	-	-	-	-	-	1	-	-
Turkey hens kept for breeding..... farms..	2	9	180	42	21	30	8	7
..... number..	(D)	75	783	200	140	70 322	24	30
Turkeys sold..... farms..	2	4	131	25	9	167	5	19
..... number..	(D)	8 058	243 400	540	181	9 131 244	(D)	145 705

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
<b>CROPS HARVESTED</b>								
Corn for grain or seed	farms.. 83 301	48 281	285	-	-	285	36	15
	acres.. 10 147 051	6 310 719	10 106	-	-	10 106	1 851	254
	bushels.. 1 274 388 346	802 112 717	1 004 869	-	-	1 004 869	207 682	31 543
Irrigated	farms.. 453	354	4	-	-	4	3	-
	acres.. 62 099	48 550	1 385	-	-	1 385	338	-
Farms by acres harvested:								
1 to 24 acres	11 524	5 591	164	-	-	164	18	13
25 to 99 acres	35 088	20 205	106	-	-	106	11	1
100 to 249 acres	27 186	16 181	12	-	-	12	6	1
250 to 499 acres	7 726	5 047	1	-	-	1	1	-
500 acres or more	1 777	1 257	2	-	-	2	-	-
Corn for silage or green chop	farms.. 7 934	1 174	85	-	-	85	3	-
	acres.. 205 176	26 456	3 705	-	-	3 705	38	-
	tons, green.. 3 251 394	435 335	86 491	-	-	86 491	460	-
Irrigated	farms.. 7	-	-	-	-	-	-	-
	acres.. 110	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	5 508	878	41	-	-	41	3	-
25 to 99 acres	2 112	262	36	-	-	36	-	-
100 to 249 acres	265	27	7	-	-	7	-	-
250 to 499 acres	41	7	1	-	-	1	-	-
500 acres or more	8	-	-	-	-	-	-	-
Sorghum for grain or seed	farms.. 108	56	3	-	-	3	-	-
	acres.. 4 376	2 065	(D)	-	-	(D)	-	-
	bushels.. 334 779	144 566	(D)	-	-	(D)	-	-
Irrigated	farms.. -	-	-	-	-	-	-	-
	acres.. -	-	-	-	-	-	-	-
Wheat for grain	farms.. 1 345	688	11	-	-	11	3	-
	acres.. 31 047	19 413	182	-	-	182	166	-
	bushels.. 1 180 360	757 922	4 058	-	-	4 058	4 920	-
Irrigated	farms.. 2	1	-	-	-	-	1	-
	acres.. (D)	(D)	-	-	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	998	463	7	-	-	7	1	-
25 to 99 acres	307	191	4	-	-	4	2	-
100 to 249 acres	33	29	-	-	-	-	-	-
250 to 499 acres	5	4	-	-	-	-	-	-
500 acres or more	2	1	-	-	-	-	-	-
Barley for grain	farms.. 357	42	3	-	-	3	-	-
	acres.. 6 545	754	26	-	-	26	-	-
	bushels.. 358 125	36 346	440	-	-	440	-	-
Irrigated	farms.. 7	5	-	-	-	-	-	-
	acres.. 483	(D)	-	-	-	-	-	-
Oats for grain	farms.. 25 398	8 778	137	-	-	137	11	4
	acres.. 544 907	183 532	2 094	-	-	2 094	119	32
	bushels.. 30 918 660	10 246 877	92 327	-	-	92 327	5 117	1 315
Irrigated	farms.. 16	4	-	-	-	-	-	-
	acres.. 484	(D)	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	18 021	6 458	116	-	-	116	10	4
25 to 99 acres	7 125	2 207	20	-	-	20	1	-
100 to 249 acres	238	108	1	-	-	1	-	-
250 to 499 acres	13	5	-	-	-	-	-	-
500 acres or more	1	-	-	-	-	-	-	-
Soybeans for beans	farms.. 68 278	44 707	112	-	-	112	32	7
	acres.. 7 903 395	5 759 422	3 065	-	-	3 065	1 453	219
	bushels.. 326 081 351	237 212 480	103 125	-	-	103 125	43 413	9 792
Irrigated	farms.. 221	180	3	-	-	3	7	-
	acres.. 20 304	17 590	418	-	-	418	(D)	-
Farms by acres harvested:								
1 to 24 acres	10 200	5 405	82	-	-	82	13	5
25 to 99 acres	28 626	17 864	22	-	-	22	14	1
100 to 249 acres	22 245	15 644	6	-	-	6	5	1
250 to 499 acres	6 197	4 931	2	-	-	2	-	-
500 acres or more	1 010	863	-	-	-	-	-	-
Irish potatoes	farms.. 104	17	12	-	-	12	15	3
	acres.. 1 998	155	1 149	-	-	1 149	123	2
	cwt.. 336 981	25 200	198 469	-	-	198 469	14 201	368
Irrigated	farms.. 20	2	3	-	-	3	7	1
	acres.. 1 158	(D)	748	-	-	748	116	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms.. 48 271	16 664	1 384	-	-	1 384	43	22
	acres.. 1 968 207	528 734	43 402	-	-	43 402	611	159
	tons, dry.. 5 612 944	1 373 740	132 202	-	-	132 202	1 172	298
Irrigated	farms.. 45	12	1	-	-	1	2	1
	acres.. 1 216	220	(D)	-	-	(D)	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	22 645	9 536	848	-	-	848	33	21
25 to 99 acres	21 233	6 239	475	-	-	475	10	1
100 to 249 acres	4 085	835	52	-	-	52	-	-
250 to 499 acres	278	50	7	-	-	7	-	-
500 acres or more	30	4	2	-	-	2	-	-
Alfalfa hay	farms.. 41 883	14 246	1 217	-	-	1 217	30	20
	acres.. 1 380 550	381 291	33 522	-	-	33 522	339	122
	tons, dry.. 4 444 233	1 114 984	111 730	-	-	111 730	621	248
Irrigated	farms.. 31	9	-	-	-	-	1	1
	acres.. 641	105	-	-	-	-	(D)	(D)

See footnotes at end of table.

**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms...	14	576	28 965	3 785	3 603	243	92	1 191
acres...	691	51 681	3 365 647	164 077	243 403	24 849	2 990	134 860
bushels...	66 143	6 025 814	415 171 813	17 329 681	29 395 935	3 233 457	320 450	16 817 923
Irrigated ----- farms...	-	7	77	7	3	-	-	4
acres...	-	616	10 931	705	154	-	(D)	(D)
Farms by acres harvested:								
1 to 24 acres -----	9	135	4 840	1 954	549	54	71	80
25 to 99 acres -----	1	267	11 489	1 427	2 355	97	9	547
100 to 249 acres -----	4	137	9 638	641	73	73	9	464
250 to 499 acres -----	-	30	2 502	54	55	15	3	72
500 acres or more -----	-	7	496	15	3	4	-	8
Corn for silage or green chop ----- farms...	-	59	4 298	561	1 877	13	6	419
acres...	-	1 766	128 872	13 896	36 395	168	90	7 686
tons, green...	-	35 685	2 028 648	199 179	543 005	3 588	1 060	117 122
Irrigated ----- farms...	-	-	7	3	-	-	-	-
acres...	-	-	110	81	-	-	-	-
Farms by acres harvested:								
1 to 24 acres -----	-	39	2 795	386	1 407	11	5	329
25 to 99 acres -----	-	17	1 259	155	451	2	1	84
100 to 249 acres -----	-	3	203	18	19	-	-	6
250 to 499 acres -----	-	-	33	2	-	-	-	-
500 acres or more -----	-	-	8	-	-	-	-	-
Sorghum for grain or seed ----- farms...	-	1	42	9	3	3	-	-
acres...	-	(D)	1 945	215	164	158	-	-
bushels...	-	(D)	168 321	19 868	13 200	5 000	-	-
Irrigated ----- farms...	-	-	-	-	-	-	-	-
acres...	-	-	-	-	-	-	-	-
Wheat for grain ----- farms...	1	19	556	63	44	3	2	18
acres...	(D)	379	9 647	1 026	636	61	(D)	551
bushels...	(D)	13 217	352 196	34 418	28 587	2 060	(D)	16 993
Irrigated ----- farms...	-	-	-	-	-	-	-	-
acres...	-	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres -----	1	16	455	50	37	2	2	14
25 to 99 acres -----	-	3	96	12	7	1	-	3
100 to 249 acres -----	-	-	4	1	-	-	-	-
250 to 499 acres -----	-	-	-	-	-	-	-	1
500 acres or more -----	-	-	1	-	-	-	-	-
Barley for grain ----- farms...	-	7	197	16	91	2	2	13
acres...	-	66	3 634	193	1 739	(D)	(D)	246
bushels...	-	3 080	203 108	9 816	96 501	(D)	(D)	14 220
Irrigated ----- farms...	-	-	2	1	-	-	-	-
acres...	-	-	(D)	(D)	-	-	-	-
Oats for grain ----- farms...	10	280	12 654	1 268	2 588	56	55	825
acres...	232	6 278	270 716	22 947	59 283	1 034	685	20 902
bushels...	11 417	335 049	15 300 626	1 066 591	3 573 256	54 928	31 006	1 266 742
Irrigated ----- farms...	-	2	10	2	-	-	-	-
acres...	-	(D)	348	(D)	-	-	-	-
Farms by acres harvested:								
1 to 24 acres -----	6	198	9 001	987	1 644	42	48	494
25 to 99 acres -----	3	77	3 542	273	930	14	7	324
100 to 249 acres -----	1	4	103	8	14	-	-	7
250 to 499 acres -----	-	1	7	-	-	-	-	-
500 acres or more -----	-	-	1	-	-	-	-	-
Soybeans for beans ----- farms...	16	376	20 988	1 962	1 001	166	31	842
acres...	825	29 553	1 978 620	84 741	47 013	15 078	1 161	66 986
bushels...	30 601	1 150 275	82 201 479	3 100 499	1 882 702	632 792	46 390	2 768 302
Irrigated ----- farms...	-	6	23	2	1	-	1	-
acres...	-	416	1 531	(D)	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres -----	9	93	4 045	977	348	33	17	150
25 to 99 acres -----	4	167	9 472	780	538	78	12	454
100 to 249 acres -----	3	102	6 116	170	110	47	1	210
250 to 499 acres -----	-	12	1 212	34	5	7	1	27
500 acres or more -----	-	2	143	1	-	1	-	1
Irish potatoes ----- farms...	-	19	28	7	3	4	-	3
acres...	-	540	26	10	(Z)	1	-	1
cwt...	-	92 881	5 118	1 757	55	240	-	449
Irrigated ----- farms...	-	7	-	-	-	-	-	-
acres...	-	174	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms...	22	959	23 829	5 596	3 719	120	357	1 152
acres...	283	38 774	1 013 713	230 959	266 830	2 616	4 492	68 593
tons, dry...	407	120 735	2 852 981	559 098	880 874	7 515	11 500	231 520
Irrigated ----- farms...	-	2	21	8	3	-	-	3
acres...	-	(D)	759	92	76	-	-	28
Farms by acres harvested:								
1 to 24 acres -----	18	506	10 438	2 506	533	85	322	305
25 to 99 acres -----	4	358	11 107	2 594	2 334	34	32	639
100 to 249 acres -----	-	85	2 124	459	797	1	3	188
250 to 499 acres -----	-	9	140	32	53	-	-	19
500 acres or more -----	-	1	20	5	2	-	-	1
Alfalfa hay ----- farms...	14	828	20 492	4 605	3 537	98	305	1 096
acres...	157	29 817	691 942	155 817	187 257	1 923	3 530	50 650
tons, dry...	257	101 974	2 203 961	425 444	700 102	5 973	9 914	194 469
Irrigated ----- farms...	-	1	13	4	3	-	-	3
acres...	-	(D)	395	54	76	-	-	28

See footnotes at end of table.



**Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
<b>CROPS HARVESTED—Con.</b>								
Vegetables harvested for sale (see text) --- farms..	1	6	6	-	-	-	-	-
acres..	-	2	2	-	-	-	-	-
Irrigated ----- farms..	-	-	-	-	-	-	-	-
acres..	4	5	10	3	1	-	1	-
Farms by acres harvested:								
0.1 to 4.9 acres -----	1	3	2	1	(D)	-	(D)	-
5.0 to 24.9 acres -----	1	1	1	-	-	-	-	-
25.0 to 99.9 acres -----	(D)	(D)	(D)	-	-	-	-	-
100.0 to 249.9 acres -----	1	3	2	1	-	-	-	2
250.0 acres or more -----	(D)	1	(D)	(D)	-	-	-	(D)
Land in orchards ----- farms..	1	-	1	-	-	-	-	-
acres..	-	-	1	-	-	-	-	-
Irrigated ----- farms..	-	-	-	-	-	-	-	-
acres..	14	20	134	43	9	6	16	10
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres -----	63	45	511	76	16	8	31	27
5.0 to 24.9 acres -----	444 100	72 169	366 896	95 536	17 506	28 100	2 632	25 520
25.0 to 99.9 acres -----	1	-	30	6	2	3	5	-
100.0 to 249.9 acres -----	(D)	-	6	1	(D)	(Z)	1	-
250.0 acres or more -----	(D)	-	1 860	100	(D)	240	18	-

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than \$1,000.

# Table 1. County Summary Highlights: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms..... number...	105 180	970	688	1 062	891	851	1 434
Land in farms..... acres...	31 638 130	353 365	243 607	321 226	244 661	268 437	419 480
Average size of farm..... acres...	301	364	354	302	275	315	293
Value of land and buildings <sup>1</sup> :							
Average per farm..... dollars...	283 597	244 037	172 243	182 659	135 171	294 253	322 996
Average per acre..... dollars...	947	652	505	653	466	880	1 125
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm..... dollars...	52 844	50 533	37 760	53 800	30 819	53 771	55 389
Farms by size:							
1 to 9 acres.....	7 974	63	50	61	39	79	105
10 to 49 acres.....	10 981	67	43	54	103	58	147
50 to 179 acres.....	27 556	249	156	271	304	210	353
180 to 499 acres.....	39 071	362	260	526	295	352	571
500 to 999 acres.....	15 874	176	147	113	117	122	215
1,000 acres or more.....	3 724	53	32	37	33	30	43
Total cropland..... farms...	96 749	897	627	987	836	774	1 322
Harvested cropland..... acres...	27 290 868	297 992	190 603	196 344	177 431	236 155	376 517
Irrigated land..... farms...	92 878	859	587	928	761	721	1 276
acres.....	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
acres.....	851	4	-	-	1	2	4
acres.....	92 247	204	-	-	(D)	(D)	(D)
Market value of agricultural products sold..... \$1,000...	8 926 799	71 079	39 893	77 437	25 508	80 178	140 932
Average per farm..... dollars...	84 872	73 277	57 983	72 916	28 628	94 216	98 279
Crops, including nursery and greenhouse crops..... \$1,000...	3 660 117	31 015	16 407	10 238	9 222	29 364	59 680
Livestock, poultry, and their products..... \$1,000...	5 266 682	40 064	23 486	67 199	16 286	50 814	81 252
Farms by value of sales:							
Less than \$2,500.....	8 799	63	50	66	153	59	108
\$2,500 to \$4,999.....	5 498	50	53	51	110	33	51
\$5,000 to \$9,999.....	8 252	85	88	79	117	53	95
\$10,000 to \$24,999.....	17 436	187	140	179	222	155	220
\$25,000 to \$49,999.....	17 752	169	122	170	136	146	255
\$50,000 to \$99,999.....	20 656	207	142	240	103	164	286
\$100,000 or more.....	26 787	209	113	277	50	221	419
Operators by principal occupation:							
Farming.....	75 279	713	486	851	530	629	1 007
Other.....	29 901	257	202	211	361	222	427
Operators by days worked off farm:							
Any.....	46 229	401	323	358	419	345	630
200 days or more.....	25 928	219	164	175	264	178	382
Average age of operator..... years...	49.3	50.2	52.1	48.5	54.7	47.5	47.8
Total farm production expenses <sup>1</sup> ..... \$1,000...	6 647 645	53 286	26 557	55 344	19 046	60 293	104 950
Average per farm..... dollars...	63 200	54 878	38 601	52 162	21 376	70 849	73 136
Livestock and poultry:							
Cattle and calves inventory..... farms...	49 469	650	464	863	648	400	685
number.....	4 303 682	62 601	42 485	88 346	50 221	44 301	71 528
Beef cows..... farms...	32 279	554	424	443	592	281	481
number.....	1 123 745	26 347	19 414	18 686	25 483	12 568	13 908
Milk cows..... farms...	7 748	37	15	422	45	21	69
number.....	294 888	1 109	248	20 303	724	466	2 407
Cattle and calves sold..... farms...	50 509	679	471	878	664	421	692
number.....	3 539 020	38 670	25 871	40 002	28 979	41 064	62 164
Hogs and pigs inventory..... farms...	38 670	380	212	410	132	348	545
number.....	12 983 074	85 504	55 648	113 528	16 079	128 623	172 273
Hogs and pigs sold..... farms...	38 638	395	229	426	143	361	573
number.....	23 483 812	152 345	88 680	169 181	31 233	238 820	296 578
Sheep and lambs inventory..... farms...	8 636	94	35	87	86	62	186
number.....	451 617	3 539	2 846	2 534	5 027	3 561	9 460
Chickens 3 months old or older inventory..... farms...	4 897	63	34	48	53	32	56
number.....	9 580 666	3 695	2 697	14 860	1 850	(D)	278 755
Broilers and other meat-type chickens sold..... farms...	1 060	13	2	5	1	25	13
number.....	666 016	3 035	(D)	260	(D)	5 865	(D)
Selected crops harvested:							
Corn for grain or seed..... farms...	83 301	798	516	842	480	674	1 183
acres.....	10 147 051	93 246	51 424	61 451	26 382	89 190	144 170
bushels.....	1 274 388 346	11 527 532	6 143 315	7 918 552	2 836 759	11 444 514	19 409 044
Corn for silage or green chop..... farms...	7 934	31	26	271	40	42	84
acres.....	205 176	1 161	1 006	4 537	825	1 060	3 087
tons, green.....	3 251 394	17 550	13 709	69 400	13 734	16 645	57 934
Wheat for grain..... farms...	1 345	7	17	2	8	7	17
acres.....	31 047	(D)	519	(D)	115	356	302
bushels.....	1 180 360	46 740	11 123	(D)	3 735	17 472	12 534
Oats for grain..... farms...	25 398	318	178	577	92	236	457
acres.....	544 907	6 998	4 495	14 044	1 481	5 359	9 087
bushels.....	30 918 660	313 087	198 446	808 084	63 161	332 061	547 160
Soybeans for beans..... farms...	68 278	667	451	120	401	607	1 062
acres.....	7 903 395	66 704	42 173	3 726	25 860	65 109	126 534
bushels.....	326 081 351	2 824 823	1 603 229	156 073	914 278	2 752 156	5 712 984
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms...	48 271	614	425	841	647	389	694
acres.....	1 968 207	31 464	20 097	61 648	42 156	14 191	22 834
tons, dry.....	5 612 944	90 889	50 601	201 858	88 741	39 511	69 242

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms ----- number..	1 269	1 029	1 140	1 332	1 097	1 294	992
Land in farms ----- acres..	305 516	336 666	235 086	337 126	358 798	328 114	342 160
Average size of farm ----- acres..	241	327	206	253	327	254	345
Value of land and buildings <sup>1</sup> :							
Average per farm ----- dollars..	257 109	386 353	250 490	279 290	354 375	236 959	408 094
Average per acre ----- dollars..	1 106	1 134	1 148	1 071	1 102	925	1 213
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm ----- dollars..	52 177	56 170	50 758	50 480	61 398	50 843	61 085
Farms by size:							
1 to 9 acres -----	152	71	116	91	81	129	61
10 to 49 acres -----	198	125	172	163	65	155	71
50 to 179 acres -----	378	260	389	488	260	335	220
180 to 499 acres -----	356	345	367	392	456	497	401
500 to 999 acres -----	151	179	78	163	205	155	204
1,000 acres or more -----	34	49	18	35	30	23	35
Total cropland ----- farms..	1 150	962	1 027	1 233	1 014	1 162	938
Harvested cropland ----- acres..	279 149	302 707	211 488	307 384	330 950	295 618	323 346
Irrigated land ----- farms..	1 125	938	985	1 198	996	1 115	927
----- acres..	223 324	245 517	168 763	236 312	264 594	229 095	263 491
----- farms..	14	5	5	5	6	3	5
----- acres..	160	6	203	218	(D)	(D)	537
Market value of agricultural products sold ----- \$1,000..	99 933	91 247	75 029	109 025	132 273	105 209	98 179
Average per farm ----- dollars..	78 750	88 676	65 815	81 851	120 577	81 305	98 971
Crops, including nursery and greenhouse crops ----- \$1,000..	50 001	54 049	31 102	46 360	50 449	43 198	57 725
Livestock, poultry, and their products ----- \$1,000..	49 932	37 199	43 927	62 665	81 824	62 010	40 454
Farms by value of sales:							
Less than \$2,500 -----	128	97	137	97	40	106	42
\$2,500 to \$4,999 -----	73	56	55	59	26	50	34
\$5,000 to \$9,999 -----	109	79	99	81	58	73	51
\$10,000 to \$24,999 -----	246	155	200	253	163	207	142
\$25,000 to \$49,999 -----	192	158	194	256	197	253	178
\$50,000 to \$99,999 -----	214	222	240	251	251	278	212
\$100,000 or more -----	307	262	215	335	362	327	333
Operators by principal occupation:							
Farming -----	742	693	719	968	864	942	794
Other -----	527	336	421	364	233	352	198
Operators by days worked off farm:							
Any -----	695	477	552	619	439	548	432
200 days or more -----	456	278	369	306	205	296	182
Average age of operator ----- years..	48.9	50.0	47.2	47.6	48.6	48.4	48.8
Total farm production expenses <sup>1</sup> ----- \$1,000..	76 037	64 349	59 231	83 259	99 632	83 277	65 428
Average per farm ----- dollars..	59 825	62 536	51 957	62 553	90 822	64 356	65 956
Livestock and poultry:							
Cattle and calves inventory ----- farms..	413	323	564	646	240	552	235
----- number..	24 204	24 331	34 300	37 083	30 112	32 358	22 434
Beef cows ----- farms..	180	222	182	260	141	266	155
----- number..	3 887	5 403	3 777	6 642	4 413	5 632	4 714
Milk cows ----- farms..	82	26	244	264	15	118	8
----- number..	3 290	552	9 067	5 976	498	3 702	110
Cattle and calves sold ----- farms..	413	318	543	646	242	562	247
----- number..	17 095	23 077	19 257	29 072	34 767	25 773	25 467
Hogs and pigs inventory ----- farms..	392	257	343	553	432	532	262
----- number..	162 483	90 597	93 085	190 879	212 076	192 796	104 890
Hogs and pigs sold ----- farms..	416	270	366	574	468	562	295
----- number..	275 866	177 753	180 944	373 171	388 304	367 816	203 838
Sheep and lambs inventory ----- farms..	90	97	94	114	84	133	85
----- number..	3 686	4 203	2 833	2 461	6 247	5 219	5 201
Chickens 3 months old or older inventory ----- farms..	48	45	55	121	25	67	19
----- number..	80 541	244 311	15 717	88 683	(D)	114 228	(D)
Broilers and other meat-type chickens sold ----- farms..	19	6	12	22	15	26	10
----- number..	7 819	3 300	4 819	12 997	2 385	6 743	4 255
Selected crops harvested:							
Corn for grain or seed ----- farms..	996	825	890	1 136	953	1 024	872
----- acres..	120 536	112 738	93 017	139 845	125 356	121 799	111 282
----- bushels..	16 646 615	15 534 064	12 379 993	19 024 742	15 880 096	15 823 601	15 303 730
Corn for silage or green chop ----- farms..	77	30	152	146	55	84	40
----- acres..	1 383	1 535	2 366	2 062	1 504	1 805	1 705
----- tons, green..	24 393	33 569	38 990	35 591	25 466	26 524	25 005
Wheat for grain ----- farms..	5	11	3	10	3	7	2
----- acres..	134	167	(D)	135	(D)	220	(D)
----- bushels..	5 063	7 423	961	6 416	10 260	7 952	(D)
Oats for grain ----- farms..	228	148	339	474	169	361	140
----- acres..	4 596	3 031	6 102	8 399	3 160	6 881	2 913
----- bushels..	243 747	186 754	355 158	475 365	188 471	392 072	167 384
Soybeans for beans ----- farms..	867	795	692	870	924	926	853
----- acres..	88 213	122 615	52 660	71 922	130 258	86 141	144 293
----- bushels..	4 010 768	5 406 176	2 283 773	3 242 621	5 335 671	3 689 973	6 418 023
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms..	436	341	541	582	255	551	253
----- acres..	11 407	8 786	19 025	17 151	6 408	15 805	5 766
----- tons, dry..	35 873	22 894	63 101	49 252	18 989	48 111	14 940

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms..... number..	1 319	942	1 170	929	1 091	1 054	697
Land in farms..... acres..	366 656	333 083	345 483	317 974	338 708	276 216	229 423
Average size of farm..... acres..	278	354	295	342	310	262	329
Value of land and buildings <sup>1</sup> :							
Average per farm..... dollars..	305 600	264 475	338 007	336 269	336 905	228 742	168 690
Average per acre..... dollars..	1 088	753	1 209	1 040	1 028	850	489
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm..... dollars..	50 775	49 730	61 537	65 498	53 227	50 796	31 938
Farms by size:							
1 to 9 acres.....	121	66	103	61	86	73	38
10 to 49 acres.....	97	85	98	138	96	105	64
50 to 179 acres.....	324	210	305	180	222	330	189
180 to 499 acres.....	578	353	457	320	486	406	256
500 to 999 acres.....	174	176	179	186	170	118	117
1,000 acres or more.....	25	52	28	44	31	22	33
Total cropland..... farms..	1 203	866	1 067	866	1 009	983	630
Harvested cropland..... acres..	336 646	291 489	303 044	297 124	292 532	245 999	165 204
Irrigated land..... farms..	1 164	834	1 012	847	979	953	586
..... acres..	270 392	213 323	230 081	233 423	230 141	187 589	93 996
..... farms..	3	1	3	8	4	11	2
..... acres..	(D)	(D)	(D)	352	68	1 146	(D)
Market value of agricultural products sold..... \$1,000..	170 623	83 023	104 711	83 002	119 253	85 162	27 280
Average per farm..... dollars..	129 358	88 135	89 497	89 346	109 306	80 799	39 139
Crops, including nursery and greenhouse crops..... \$1,000..	49 277	36 154	42 138	50 091	41 169	32 528	9 021
Livestock, poultry, and their products..... \$1,000..	121 346	46 869	62 573	32 911	78 084	52 634	18 258
Farms by value of sales:							
Less than \$2,500.....	42	54	96	94	52	82	91
\$2,500 to \$4,999.....	36	39	46	41	37	51	54
\$5,000 to \$9,999.....	61	76	60	41	63	97	105
\$10,000 to \$24,999.....	170	186	179	113	149	166	157
\$25,000 to \$49,999.....	226	161	190	169	215	191	130
\$50,000 to \$99,999.....	293	191	255	195	232	232	95
\$100,000 or more.....	491	235	344	276	343	235	65
Operators by principal occupation:							
Farming.....	1 056	700	907	650	843	751	480
Other.....	263	242	263	279	248	303	217
Operators by days worked off farm:							
Any.....	532	368	452	424	436	446	317
200 days or more.....	249	226	239	241	228	264	191
Average age of operator..... years..	46.7	49.2	48.7	47.1	48.1	47.8	51.9
Total farm production expenses <sup>1</sup> ..... \$1,000..	122 194	62 455	83 989	61 627	88 207	67 505	20 944
Average per farm..... dollars..	92 501	66 301	71 785	66 337	80 850	64 047	30 048
Livestock and poultry:							
Cattle and calves inventory..... farms..	577	510	505	213	478	537	511
..... number..	84 045	52 259	37 738	12 904	61 492	41 260	41 203
Beef cows..... farms..	308	406	348	129	305	237	461
..... number..	11 102	16 648	10 841	4 289	11 277	6 362	20 514
Milk cows..... farms..	22	25	42	25	51	172	21
..... number..	558	652	1 357	770	1 646	6 290	259
Cattle and calves sold..... farms..	597	534	520	226	499	535	513
..... number..	108 144	45 482	32 732	9 038	61 876	31 751	21 329
Hogs and pigs inventory..... farms..	688	336	490	287	449	387	194
..... number..	277 305	93 655	206 391	118 772	177 791	129 308	39 709
Hogs and pigs sold..... farms..	714	353	518	303	463	404	209
..... number..	510 765	167 856	355 042	253 333	315 806	236 486	73 511
Sheep and lambs inventory..... farms..	68	92	193	66	84	63	72
..... number..	5 205	3 851	7 615	2 106	4 430	1 497	2 438
Chickens 3 months old or older inventory..... farms..	43	41	49	29	42	55	44
..... number..	5 538	1 911	15 327	141 271	4 361	58 642	1 946
Broilers and other meat-type chickens sold..... farms..	17	5	11	6	9	16	6
..... number..	3 005	1 585	6 022	996	1 115	14 683	(D)
Selected crops harvested:							
Corn for grain or seed..... farms..	1 105	783	953	757	928	869	459
..... acres..	132 252	106 962	138 757	123 528	111 626	99 779	37 261
..... bushels..	17 304 749	13 504 527	16 395 191	15 908 537	13 914 353	12 785 975	3 462 983
Corn for silage or green chop..... farms..	80	46	86	40	114	169	32
..... acres..	3 467	1 264	2 016	1 197	2 836	3 806	767
..... tons, green..	50 939	20 277	30 614	18 619	41 821	54 944	9 031
Wheat for grain..... farms..	3	22	9	3	2	7	7
..... acres..	447	505	297	(D)	(D)	215	162
..... bushels..	24 364	17 436	8 695	450	(D)	8 450	3 355
Oats for grain..... farms..	375	185	324	166	219	381	142
..... acres..	8 249	3 618	5 739	3 600	4 098	7 470	3 347
..... bushels..	493 853	151 785	361 588	200 255	262 749	450 070	101 555
Soybeans for beans..... farms..	1 037	724	772	683	860	691	347
..... acres..	115 659	84 078	71 248	98 942	100 873	59 084	24 717
..... bushels..	4 939 438	3 381 709	3 170 044	4 077 185	4 296 210	2 461 583	810 789
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms..	506	491	508	270	427	542	488
..... acres..	15 229	21 367	16 257	7 141	13 799	21 142	29 766
..... tons, dry..	44 485	60 394	46 853	21 514	40 137	65 690	72 801

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms..... number.....	877	1 705	1 437	1 339	1 081	921	715
Land in farms..... acres.....	315 558	450 742	376 952	406 895	328 319	266 999	278 714
Average size of farm..... acres.....	360	264	262	304	304	290	390
Value of land and buildings <sup>1</sup> :							
Average per farm..... dollars.....	368 560	238 246	260 515	232 297	361 994	127 889	184 389
Average per acre..... dollars.....	1 013	905	980	782	1 151	453	459
Estimated market value of all machinery and equipment <sup>1</sup> :							
Average per farm..... dollars.....	64 749	57 697	49 310	48 833	57 408	30 517	30 374
Farms by size:							
1 to 9 acres.....	78	116	115	120	85	44	34
10 to 49 acres.....	64	119	172	149	188	99	65
50 to 179 acres.....	177	497	389	294	295	313	201
180 to 499 acres.....	330	751	547	520	293	310	238
500 to 999 acres.....	193	194	185	211	161	118	123
1,000 acres or more.....	35	28	29	45	59	37	54
Total cropland..... farms.....	805	1 578	1 319	1 198	987	853	647
Harvested cropland..... acres.....	288 126	330 458	337 038	359 327	288 548	185 649	177 836
Irrigated land..... farms.....	229 226	240 158	258 502	264 366	223 550	107 597	97 184
..... acres.....	4	(D)	9	2	11	2	2
..... acres.....	276	(D)	86	(D)	133	(D)	(D)
Market value of agricultural products sold..... \$1,000.....	93 702	144 817	115 717	111 095	78 495	33 396	35 571
Average per farm..... dollars.....	106 844	84 937	80 527	82 968	72 613	36 261	49 749
Crops, including nursery and greenhouse crops..... \$1,000.....	45 068	24 381	42 915	43 007	48 626	10 271	11 225
Livestock, poultry, and their products..... \$1,000.....	48 634	120 437	72 802	68 088	29 869	23 125	24 345
Farms by value of sales:							
Less than \$2,500.....	49	116	110	71	167	129	116
\$2,500 to \$4,999.....	27	80	60	69	85	107	56
\$5,000 to \$9,999.....	46	126	121	95	94	142	97
\$10,000 to \$24,999.....	133	265	260	240	179	220	160
\$25,000 to \$49,999.....	160	233	240	247	162	128	108
\$50,000 to \$99,999.....	178	383	288	268	179	109	98
\$100,000 or more.....	284	502	358	349	215	86	80
Operators by principal occupation:							
Farming.....	684	1 333	1 002	1 001	645	565	423
Other.....	193	372	435	338	436	356	292
Operators by days worked off farm:							
Any.....	325	568	703	551	586	486	375
200 days or more.....	180	331	379	332	362	287	237
Average age of operator..... years.....	48.7	48.0	47.2	48.2	50.8	50.9	52.7
Total farm production expenses <sup>1</sup> ..... \$1,000.....	67 332	101 074	93 334	86 523	54 700	27 831	28 570
Average per farm..... dollars.....	76 776	59 246	64 906	64 617	50 602	30 219	39 957
Livestock and poultry:							
Cattle and calves inventory..... farms.....	284	1 275	664	778	395	646	497
..... number.....	32 833	111 580	63 452	67 100	23 978	39 154	51 643
Beef cows..... farms.....	161	529	386	580	307	495	431
..... number.....	5 191	19 341	11 361	21 286	8 119	18 447	24 439
Milk cows..... farms.....	11	674	61	51	17	116	32
..... number.....	243	30 216	2 663	1 355	349	1 810	729
Cattle and calves sold..... farms.....	274	1 287	688	791	397	637	498
..... number.....	32 497	52 096	61 373	59 583	19 134	21 847	31 828
Hogs and pigs inventory..... farms.....	276	756	586	574	208	245	157
..... number.....	113 582	282 887	155 812	163 737	62 884	45 685	44 663
Hogs and pigs sold..... farms.....	299	791	616	608	224	245	157
..... number.....	194 631	474 860	271 236	271 314	111 556	88 454	89 435
Sheep and lambs inventory..... farms.....	82	84	118	89	68	173	46
..... number.....	9 000	1 897	4 491	7 374	2 229	11 116	2 289
Chickens 3 months old or older inventory..... farms.....	27	94	60	73	50	95	43
..... number.....	(D)	143 411	12 871	47 278	112 185	170 855	1 169
Broilers and other meat-type chickens sold..... farms.....	5	16	20	6	12	8	3
..... number.....	4 705	16 019	2 229	1 563	(D)	1 900	(D)
Selected crops harvested:							
Corn for grain or seed..... farms.....	750	1 383	1 183	1 050	776	569	402
..... acres.....	103 766	130 350	165 946	132 197	108 578	40 121	33 659
..... bushels.....	13 480 814	17 251 649	17 740 345	15 865 611	14 777 623	3 532 975	3 456 175
Corn for silage or green chop..... farms.....	49	231	148	55	33	82	38
..... acres.....	2 576	3 267	4 502	1 970	1 620	1 331	1 363
..... tons, green.....	46 944	54 214	66 587	35 786	36 336	18 061	16 867
Wheat for grain..... farms.....	-	11	31	9	8	31	15
..... acres.....	-	143	510	120	322	589	304
..... bushels.....	-	6 840	26 072	4 853	19 349	17 300	8 160
Oats for grain..... farms.....	111	932	447	459	124	171	55
..... acres.....	2 587	22 492	7 919	11 605	2 441	2 702	1 180
..... bushels.....	145 093	1 453 302	467 898	522 245	138 165	105 283	36 181
Soybeans for beans..... farms.....	725	170	790	946	713	424	349
..... acres.....	114 582	10 851	63 428	98 070	103 628	31 948	31 224
..... bushels.....	4 687 610	470 117	2 843 390	3 728 789	4 548 961	1 021 541	1 110 698
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms.....	241	1 272	638	676	374	657	468
..... acres.....	8 003	83 341	21 568	23 903	9 641	33 142	32 832
..... tons, dry.....	24 283	280 637	66 184	72 404	25 982	65 049	68 292

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms..... number.....	1 452	753	593	1 689	609	1 510	985	1 012
Land in farms..... acres.....	353 840	210 843	211 002	334 112	227 932	420 682	296 488	346 389
Average size of farm..... acres.....	244	280	356	198	374	279	301	342
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars.....	261 096	292 827	344 460	215 749	390 667	252 587	269 842	355 919
Average per acre..... dollars.....	1 100	1 075	975	1 135	1 036	906	947	1 080
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm..... dollars.....	64 471	52 035	62 145	52 176	62 824	59 626	53 952	75 393
Farms by size:								
1 to 9 acres.....	105	56	47	128	33	112	67	86
10 to 49 acres.....	97	93	56	185	53	116	131	68
50 to 179 acres.....	479	234	125	604	100	444	246	215
180 to 499 acres.....	623	251	212	676	252	635	345	414
500 to 999 acres.....	126	89	119	86	145	154	161	188
1,000 acres or more.....	22	30	34	10	26	49	35	41
Total cropland..... farms.....	1 355	706	550	1 534	568	1 397	921	923
Harvested cropland..... acres.....	308 898	173 024	193 330	266 787	211 733	363 025	272 361	319 360
Irrigated land..... farms.....	1 315	688	534	1 469	553	1 353	888	900
..... acres.....	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
..... (D).....	(D)	(D)	(D)	18	311	425	911	281
Market value of agricultural products sold..... \$1,000.....	167 550	43 779	64 239	153 085	56 925	135 367	78 949	110 938
Average per farm..... dollars.....	115 392	58 139	108 329	90 636	93 472	89 647	80 151	109 623
Crops, including nursery and greenhouse crops..... \$1,000.....	28 898	25 572	28 789	13 455	35 975	47 848	45 432	56 025
Livestock, poultry, and their products..... \$1,000.....	138 652	18 206	35 451	139 630	20 950	87 519	33 517	54 914
Farms by value of sales:								
Less than \$2,500.....	75	105	36	116	39	84	89	46
\$2,500 to \$4,999.....	44	55	28	72	19	44	45	26
\$5,000 to \$9,999.....	55	75	32	117	29	82	74	45
\$10,000 to \$24,999.....	158	159	104	202	67	238	164	119
\$25,000 to \$49,999.....	196	122	85	257	104	273	171	203
\$50,000 to \$99,999.....	296	111	135	400	158	333	198	239
\$100,000 or more.....	628	126	173	525	193	456	244	334
Operators by principal occupation:								
Farming.....	1 213	445	469	1 275	510	1 154	682	812
Other.....	239	308	124	414	99	356	303	200
Operators by days worked off farm:								
Any.....	471	397	244	628	222	563	462	393
200 days or more.....	238	274	112	409	97	300	266	186
Average age of operator..... years.....	46.1	50.3	49.3	47.6	48.0	48.6	49.2	49.0
Total farm production expenses <sup>1</sup> ..... \$1,000.....	123 128	32 754	45 481	113 839	38 847	100 483	58 137	80 138
Average per farm..... dollars.....	84 799	43 555	76 696	67 360	63 788	66 545	59 023	79 188
Livestock and poultry:								
Cattle and calves inventory..... farms.....	914	311	184	1 250	166	880	339	264
..... number.....	79 043	18 114	25 849	117 453	16 380	78 118	21 468	19 476
Beef cows..... farms.....	243	248	92	449	119	303	193	150
..... number.....	7 619	6 912	3 791	14 070	(D)	9 987	4 283	4 115
Milk cows..... farms.....	527	19	29	605	7	404	52	29
..... number.....	24 342	803	902	33 324	(D)	17 710	1 679	932
Cattle and calves sold..... farms.....	923	315	191	1 263	165	884	350	272
..... number.....	42 255	13 062	30 767	71 118	14 643	38 513	16 366	17 784
Hogs and pigs inventory..... farms.....	904	156	164	846	172	580	298	372
..... number.....	458 589	44 293	62 826	298 355	54 902	204 401	101 386	168 089
Hogs and pigs sold..... farms.....	930	174	179	892	182	611	311	400
..... number.....	747 477	91 237	102 886	517 669	102 578	368 889	199 066	353 402
Sheep and lambs inventory..... farms.....	79	62	63	65	34	106	57	81
..... number.....	3 101	2 581	4 293	2 138	2 032	4 784	1 560	3 290
Chickens 3 months old or older inventory..... farms.....	58	25	25	60	31	65	29	41
..... number.....	(D)	1 065	174 678	6 116	21 563	(D)	2 473	575 094
Broilers and other meat-type chickens sold..... farms.....	10	2	10	21	7	14	14	16
..... number.....	1 976	(D)	4 528	2 428	1 415	1 858	51 775	3 246
Selected crops harvested:								
Corn for grain or seed..... farms.....	1 247	596	474	1 367	523	1 271	811	870
..... acres.....	152 360	70 934	67 152	103 204	76 262	152 228	108 155	130 089
..... bushels.....	20 436 465	7 752 886	8 680 549	13 034 171	10 513 999	20 745 603	13 898 599	17 768 732
Corn for silage or green chop..... farms.....	286	60	54	368	20	255	77	42
..... acres.....	5 110	1 603	2 113	6 884	929	4 854	1 574	1 181
..... tons, green.....	80 840	29 552	32 259	99 984	15 335	81 841	29 977	23 335
Wheat for grain..... farms.....	21	42	5	11	1	12	5	3
..... acres.....	275	690	166	104	(D)	213	34	(D)
..... bushels.....	10 215	35 118	6 521	4 735	(D)	7 220	1 120	11 910
Oats for grain..... farms.....	767	72	96	973	54	662	211	177
..... acres.....	17 382	1 072	2 212	22 459	1 074	14 940	4 573	2 772
..... bushels.....	1 083 467	50 331	130 921	1 449 245	65 923	967 020	278 941	165 857
Soybeans for beans..... farms.....	473	521	463	101	502	772	739	799
..... acres.....	26 262	50 976	74 062	4 133	84 899	67 824	93 208	111 856
..... bushels.....	1 209 472	1 927 508	2 903 116	190 367	3 648 321	3 026 716	3 800 357	4 815 151
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms.....	955	325	192	1 267	152	870	358	280
..... acres.....	48 626	10 277	7 714	78 518	4 169	44 262	10 394	6 939
..... tons, dry.....	162 552	25 293	25 840	262 491	12 388	153 556	27 345	20 679

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms.....number.....	719	948	1 037	960	1 026	1 052	1 065	1 024
Land in farms.....acres.....	308 796	353 283	319 657	316 631	347 353	347 774	337 990	387 190
Average size of farm.....acres.....	429	373	308	330	339	331	317	378
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars.....	358 252	389 490	386 797	237 917	419 561	376 239	343 083	312 974
Average per acre.....dollars.....	815	1 037	1 227	769	1 251	1 117	1 026	839
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars.....	61 260	57 790	59 649	47 473	72 565	69 998	63 041	48 400
Farms by size:								
1 to 9 acres.....	59	81	108	58	84	64	115	60
10 to 49 acres.....	58	85	78	100	75	61	86	98
50 to 179 acres.....	155	170	270	256	224	253	224	220
180 to 499 acres.....	213	350	394	328	415	449	944	925
500 to 999 acres.....	162	210	146	176	190	199	192	222
1,000 acres or more.....	72	52	41	42	38	26	36	62
Total cropland.....farms.....	657	868	943	885	959	990	964	954
Harvested cropland.....acres.....	268 547	320 413	298 268	260 062	325 528	328 038	305 339	328 917
Irrigated land.....farms.....	636	850	929	830	935	975	944	925
.....acres.....	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
.....farms.....	11	9	-	4	3	8	9	78
.....acres.....	1 265	599	-	(D)	(D)	586	(D)	15 933
Market value of agricultural products sold.....\$1,000.....	67 911	89 981	120 898	64 788	133 865	97 752	115 469	81 515
Average per farm.....dollars.....	94 452	94 916	116 584	67 487	130 473	92 920	108 422	79 604
Crops, including nursery and greenhouse crops.....\$1,000.....	37 379	58 970	57 236	30 747	57 639	52 901	53 889	49 914
Livestock, poultry, and their products.....\$1,000.....	30 532	31 010	63 662	34 041	76 226	44 851	61 580	31 600
Farms by value of sales:								
Less than \$2,500.....	50	67	56	88	58	42	57	63
\$2,500 to \$4,999.....	37	36	24	53	41	36	39	60
\$5,000 to \$9,999.....	54	66	49	84	46	46	48	76
\$10,000 to \$24,999.....	121	105	127	216	147	146	153	169
\$25,000 to \$49,999.....	120	176	214	167	176	191	188	168
\$50,000 to \$99,999.....	154	207	226	173	236	246	214	236
\$100,000 or more.....	183	291	341	179	322	345	366	252
Operators by principal occupation:								
Farming.....	559	723	762	656	760	846	799	776
Other.....	160	225	275	304	266	206	266	248
Operators by days worked off farm:								
Any.....	277	412	474	436	456	445	464	410
200 days or more.....	137	188	244	250	233	212	246	203
Average age of operator.....years.....	51.7	49.7	48.0	51.2	48.8	48.1	48.9	50.7
Total farm production expenses <sup>1</sup> .....\$1,000.....	47 330	59 298	92 137	44 194	97 625	74 409	90 777	57 318
Average per farm.....dollars.....	65 827	62 485	88 764	46 036	95 151	70 664	85 237	55 975
Livestock and poultry:								
Cattle and calves inventory.....farms.....	286	313	341	550	148	243	352	491
.....number.....	24 694	23 691	32 392	42 797	9 014	18 095	28 548	45 158
Beef cows.....farms.....	229	255	195	476	92	107	247	383
.....number.....	8 123	(D)	5 502	16 595	1 593	2 394	8 432	16 724
Milk cows.....farms.....	10	3	33	22	5	31	18	26
.....number.....	400	(D)	1 317	336	263	1 378	455	455
Cattle and calves sold.....farms.....	297	310	353	559	154	272	364	509
.....number.....	31 562	20 913	45 363	29 704	15 218	19 499	26 294	34 964
Hogs and pigs inventory.....farms.....	162	182	384	305	323	374	380	250
.....number.....	51 782	80 342	142 762	91 854	175 422	153 874	209 335	61 961
Hogs and pigs sold.....farms.....	166	207	403	318	340	401	406	260
.....number.....	89 328	161 714	282 242	160 645	296 597	271 442	398 460	132 658
Sheep and lambs inventory.....farms.....	22	97	104	78	73	56	81	33
.....number.....	(D)	5 127	4 262	2 431	3 069	2 714	2 265	1 713
Chickens 3 months old or older inventory.....farms.....	20	24	41	42	28	33	42	53
.....number.....	1 906	2 509	4 556	13 144	14 242	(D)	168 199	3 132
Broilers and other meat-type chickens sold.....farms.....	-	13	28	12	14	19	12	7
.....number.....	-	14 115	11 380	1 980	11 975	1 709	2 447	1 245
Selected crops harvested:								
Corn for grain or seed.....farms.....	567	789	886	737	883	940	872	835
.....acres.....	87 155	112 576	128 793	82 343	126 152	128 403	128 885	124 451
.....bushels.....	9 823 386	16 013 687	18 051 570	10 291 912	17 603 314	17 048 320	17 937 064	16 261 726
Corn for silage or green chop.....farms.....	15	17	37	28	12	67	46	48
.....acres.....	413	1 109	1 364	934	946	1 310	1 016	1 188
.....tons, green.....	6 350	19 867	28 161	17 204	17 090	24 192	16 456	18 150
Wheat for grain.....farms.....	19	5	5	6	3	1	-	32
.....acres.....	577	139	68	124	(D)	(D)	-	1 101
.....bushels.....	22 367	4 180	3 485	3 290	8 620	(D)	-	37 407
Oats for grain.....farms.....	20	128	169	229	95	198	141	146
.....acres.....	437	2 336	2 666	5 183	1 483	3 471	2 681	3 325
.....bushels.....	21 686	144 126	160 529	249 610	97 869	226 932	164 514	171 519
Soybeans for beans.....farms.....	577	781	828	643	841	872	819	783
.....acres.....	107 022	139 225	103 749	72 201	133 655	120 801	105 352	113 656
.....bushels.....	3 991 260	6 162 505	5 036 510	2 943 678	5 584 073	4 940 656	4 775 850	4 448 314
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	246	263	349	467	175	269	334	399
.....acres.....	7 103	6 434	10 752	18 363	3 209	8 021	8 244	10 308
.....tons, dry.....	19 829	18 712	39 468	47 514	7 655	24 100	24 095	33 457

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms.....number.....	893	938	754	787	1 057	1 354	1 465	775
Land in farms.....acres.....	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
Average size of farm.....acres.....	259	287	365	330	312	255	292	303
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars.....	274 058	209 318	395 920	340 405	262 675	188 218	264 082	242 323
Average per acre.....dollars.....	979	737	1 089	956	873	794	928	818
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars.....	53 059	48 381	70 927	49 390	51 450	38 750	47 518	41 766
Farms by size:								
1 to 9 acres.....	69	64	46	58	64	91	142	41
10 to 49 acres.....	101	86	40	69	100	154	207	82
50 to 179 acres.....	270	264	155	167	274	380	348	250
180 to 499 acres.....	317	377	335	321	440	544	490	254
500 to 999 acres.....	116	114	150	142	147	163	225	118
1,000 acres or more.....	20	33	28	30	32	22	53	30
Total cropland.....farms.....	815	877	716	717	985	1 236	1 314	720
.....acres.....	191 238	241 273	258 581	233 599	287 149	245 576	366 582	190 468
Harvested cropland.....farms.....	771	856	706	687	947	1 160	1 240	685
.....acres.....	138 792	178 288	214 069	176 524	203 549	164 703	276 515	139 236
Irrigated land.....farms.....	2	3	3	-	2	6	10	5
.....acres.....	(D)	(D)	261	-	(D)	30	(D)	127
Market value of agricultural products sold.....\$1,000.....	55 693	66 773	77 786	80 294	91 299	93 723	119 686	44 126
Average per farm.....dollars.....	62 367	71 186	103 164	102 026	86 376	69 219	81 697	56 936
Crops, including nursery and greenhouse crops.....\$1,000.....	23 101	28 518	45 287	29 682	34 158	14 618	50 678	20 574
Livestock, poultry, and their products.....\$1,000.....	32 592	38 255	32 499	50 612	57 141	79 105	69 007	23 552
Farms by value of sales:								
Less than \$2,500.....	117	62	25	30	73	114	151	108
\$2,500 to \$4,999.....	83	40	15	19	45	71	90	53
\$5,000 to \$9,999.....	86	56	29	49	90	150	117	90
\$10,000 to \$24,999.....	162	167	93	121	195	266	256	148
\$25,000 to \$49,999.....	144	208	170	152	187	233	206	123
\$50,000 to \$99,999.....	140	208	177	185	207	249	244	126
\$100,000 or more.....	161	197	245	231	260	271	401	127
Operators by principal occupation:								
Farming.....	569	733	587	612	796	909	985	524
Other.....	324	205	167	175	261	445	480	251
Operators by days worked off farm:								
Any.....	460	381	307	309	435	608	700	375
200 days or more.....	282	191	158	160	247	386	428	225
Average age of operator.....years.....	50.7	49.3	49.6	48.0	49.3	48.2	50.2	51.2
Total farm production expenses <sup>1</sup> .....\$1,000.....	44 968	52 352	52 755	61 684	70 646	74 148	84 547	33 075
Average per farm.....dollars.....	50 299	55 812	69 966	78 379	66 836	54 762	57 711	42 732
Livestock and poultry:								
Cattle and calves inventory.....farms.....	369	490	150	384	621	1 047	746	391
.....number.....	18 256	34 299	19 778	42 915	58 270	105 376	59 053	24 063
Beef cows.....farms.....	296	232	79	266	505	681	560	324
.....number.....	7 100	6 882	2 810	10 552	20 685	26 376	18 717	8 982
Milk cows.....farms.....	14	168	13	19	47	235	36	22
.....number.....	364	6 098	437	515	1 319	9 642	1 503	739
Cattle and calves sold.....farms.....	378	495	149	410	643	1 056	778	407
.....number.....	14 242	19 407	19 543	45 538	41 383	69 925	46 587	15 352
Hogs and pigs inventory.....farms.....	254	358	199	313	450	561	490	234
.....number.....	98 895	98 541	95 334	92 880	158 470	135 969	208 824	77 588
Hogs and pigs sold.....farms.....	275	366	219	347	462	581	510	255
.....number.....	177 634	163 639	182 114	168 106	253 035	244 383	349 763	144 528
Sheep and lambs inventory.....farms.....	109	47	66	58	110	92	144	92
.....number.....	4 835	3 857	2 297	3 058	4 579	3 467	5 877	5 262
Chickens 3 months old or older inventory.....farms.....	(D)	47	23	26	43	85	65	43
.....number.....	37	37 023	34 123	5 582	7 539	31 018	77 115	3 183
Broilers and other meat-type chickens sold.....farms.....	11	6	3	5	6	22	12	4
.....number.....	9 226	2 450	(D)	385	2 025	6 712	2 607	552
Selected crops harvested:								
Corn for grain or seed.....farms.....	670	790	679	651	863	1 032	1 104	570
.....acres.....	76 628	86 835	96 411	92 054	118 279	86 001	140 825	63 756
.....bushels.....	7 780 010	10 708 944	13 484 942	11 032 148	14 285 398	9 565 228	18 812 791	6 364 526
Corn for silage or green chop.....farms.....	41	162	40	39	76	194	57	57
.....acres.....	1 525	3 238	2 202	1 202	2 018	4 378	1 941	1 423
.....tons, green.....	28 369	49 211	43 395	14 755	30 584	65 563	37 067	15 265
Wheat for grain.....farms.....	22	6	2	8	12	40	5	33
.....acres.....	301	122	(D)	79	111	542	65	1 128
.....bushels.....	13 151	3 112	(D)	3 240	6 413	23 455	2 667	29 320
Oats for grain.....farms.....	127	378	106	200	393	642	389	171
.....acres.....	1 925	9 270	2 107	4 566	9 024	14 445	8 616	3 411
.....bushels.....	90 324	505 665	123 290	222 282	457 953	847 486	477 835	144 299
Soybeans for beans.....farms.....	571	618	651	605	670	250	965	492
.....acres.....	49 029	63 110	111 004	69 740	48 725	9 467	102 143	54 787
.....bushels.....	1 825 532	2 485 619	4 940 795	2 642 609	2 119 747	384 426	4 539 434	2 011 235
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	379	489	166	339	637	973	751	435
.....acres.....	11 848	19 656	3 877	11 288	29 335	55 526	27 194	17 313
.....tons, dry.....	23 015	60 098	10 916	37 312	64 406	168 340	78 317	32 777

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms.....number..	1 356	1 161	1 036	1 718	989	1 690	634	690
Land in farms.....acres..	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
Average size of farm.....acres..	225	278	331	349	269	211	314	299
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars..	254 265	272 757	299 094	405 311	226 981	245 298	345 395	146 104
Average per acre.....dollars..	1 167	977	843	1 158	810	1 147	1 104	468
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars..	50 671	53 907	52 987	70 994	39 583	45 693	65 908	26 704
Farms by size:								
1 to 9 acres.....	104	78	80	100	47	135	43	30
10 to 49 acres.....	218	133	102	77	136	332	69	83
50 to 179 acres.....	447	313	238	368	321	605	141	210
180 to 499 acres.....	425	442	389	817	332	423	253	253
500 to 999 acres.....	131	167	175	287	116	160	100	83
1,000 acres or more.....	31	28	52	69	37	35	28	31
Total cropland.....farms..	1 239	1 084	945	1 619	914	1 577	592	627
.....acres..	265 295	265 527	281 115	563 110	201 475	308 295	168 176	147 514
Harvested cropland.....farms..	1 178	1 023	892	1 601	882	1 502	571	568
.....acres..	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
Irrigated land.....farms..	17	1	-	7	14	18	17	1
.....acres..	152	(D)	-	450	506	231	3 447	(D)
Market value of agricultural products sold.....\$1,000..	94 864	109 533	85 338	173 436	56 758	92 818	42 271	23 117
Average per farm.....dollars..	69 959	94 343	82 373	100 952	57 389	54 922	66 674	33 503
Crops, including nursery and greenhouse crops.....\$1,000..	27 949	27 837	33 840	100 025	18 657	42 899	23 130	7 507
Livestock, poultry, and their products.....\$1,000..	66 915	81 695	51 497	73 411	38 101	49 919	19 141	15 610
Farms by value of sales:								
Less than \$2,500.....	171	93	92	44	159	241	48	123
\$2,500 to \$4,999.....	103	50	73	26	91	158	31	84
\$5,000 to \$9,999.....	115	89	98	74	131	181	68	101
\$10,000 to \$24,999.....	228	190	148	192	189	342	98	146
\$25,000 to \$49,999.....	201	184	144	349	132	304	108	100
\$50,000 to \$99,999.....	268	227	191	465	126	212	138	67
\$100,000 or more.....	270	328	290	568	161	252	143	69
Operators by principal occupation:								
Farming.....	887	843	755	1 409	585	979	462	421
Other.....	469	318	281	309	424	711	172	269
Operators by days worked off farm:								
Any.....	678	486	393	687	513	906	267	344
200 days or more.....	424	288	219	271	357	615	146	226
Average age of operator.....years..	49.6	49.5	50.1	47.3	50.5	51.2	50.2	53.9
Total farm production expenses <sup>1</sup> .....\$1,000..	73 709	93 079	62 938	123 769	44 558	77 724	33 806	19 456
Average per farm.....dollars..	54 357	80 171	60 751	72 084	45 053	46 045	53 238	28 156
Livestock and poultry:								
Cattle and calves inventory.....farms..	704	670	531	422	537	788	228	500
.....number..	44 479	71 782	38 002	34 963	33 765	46 537	13 375	39 752
Beef cows.....farms..	499	406	458	182	400	508	180	455
.....number..	14 393	16 202	16 929	5 384	10 459	12 110	5 559	19 637
Milk cows.....farms..	131	147	17	71	48	134	9	13
.....number..	3 667	5 560	344	2 400	1 708	4 048	191	483
Cattle and calves sold.....farms..	697	698	529	437	534	780	230	505
.....number..	29 315	58 676	21 789	35 345	26 320	33 186	8 978	21 596
Hogs and pigs inventory.....farms..	569	500	456	608	271	478	215	140
.....number..	201 494	196 170	187 744	232 616	105 496	127 753	66 270	28 113
Hogs and pigs sold.....farms..	594	534	486	647	285	508	228	142
.....number..	350 424	360 436	350 450	392 010	187 062	208 731	114 918	46 575
Sheep and lambs inventory.....farms..	199	96	122	131	88	172	54	80
.....number..	12 079	2 874	12 007	6 624	4 691	7 003	2 027	3 819
Chickens 3 months old or older inventory.....farms..	140	58	55	72	61	78	29	35
.....number..	454 105	8 993	(D)	278 711	3 847	4 650	2 770	(D)
Broilers and other meat-type chickens sold.....farms..	28	8	14	32	1	13	5	5
.....number..	10 610	754	988	6 422	(D)	4 114	1 230	146
Selected crops harvested:								
Corn for grain or seed.....farms..	1 020	941	828	1 556	707	1 260	537	400
.....acres..	108 975	115 264	109 327	212 709	67 487	124 735	72 324	28 860
.....bushels..	11 784 648	13 718 597	13 610 959	30 307 429	6 070 069	15 227 689	7 168 836	2 908 261
Corn for silage or green chop.....farms..	152	157	43	103	113	126	33	28
.....acres..	2 702	4 167	939	2 802	2 483	2 814	656	785
.....tons, green..	39 665	67 481	16 749	59 069	33 845	48 959	7 329	9 682
Wheat for grain.....farms..	18	13	29	4	119	28	24	2
.....acres..	369	196	616	54	1 807	368	716	(D)
.....bushels..	17 322	5 020	25 108	2 260	69 203	12 916	28 483	(D)
Oats for grain.....farms..	465	428	224	267	107	489	83	89
.....acres..	10 945	9 551	4 281	4 886	1 712	9 449	1 120	1 837
.....bushels..	570 480	549 614	200 473	297 649	64 373	512 429	54 386	71 585
Soybeans for beans.....farms..	705	527	709	1 489	648	946	451	298
.....acres..	54 296	40 219	64 470	233 034	60 580	81 631	50 482	19 978
.....bushels..	2 117 402	1 763 211	2 684 142	10 015 719	1 831 319	3 458 797	1 772 175	715 510
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	726	653	503	414	546	861	236	457
.....acres..	27 387	30 056	22 121	10 445	18 627	26 646	7 023	27 877
.....tons, dry..	78 049	91 030	54 874	32 328	39 578	73 686	16 495	66 759

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms.....number..	1 234	1 059	1 193	1 131	1 073	641	939	854
Land in farms.....acres..	342 938	293 643	328 093	279 315	330 012	245 380	270 582	377 030
Average size of farm.....acres..	278	277	275	247	308	383	288	441
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars..	284 406	220 540	291 229	183 063	313 765	278 058	259 002	356 706
Average per acre.....dollars..	981	778	1 059	785	1 041	773	923	773
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars..	53 131	37 021	47 997	36 062	51 061	56 982	55 685	63 458
Farms by size:								
1 to 9 acres.....	125	75	95	102	94	37	97	50
10 to 49 acres.....	84	159	124	177	130	90	90	52
50 to 179 acres.....	305	346	322	350	260	135	210	198
180 to 499 acres.....	545	300	462	346	355	195	383	284
500 to 999 acres.....	151	135	163	128	188	139	134	177
1,000 acres or more.....	24	44	27	28	46	45	25	93
Total cropland.....farms..	1 108	962	1 096	1 032	977	603	842	799
.....acres..	312 475	212 601	277 151	223 313	293 898	218 646	247 794	320 615
Harvested cropland.....farms..	1 078	904	1 052	972	929	577	818	783
.....acres..	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
Irrigated land.....farms..	16	6	3	10	8	4	7	90
.....acres..	1 339	14	(D)	74	12	771	828	25 152
Market value of agricultural products sold.....\$1,000..	135 613	57 338	111 789	63 716	90 288	55 111	96 194	75 040
Average per farm.....dollars..	109 897	54 144	93 704	56 336	84 146	85 976	102 443	87 869
Crops, including nursery and greenhouse crops.....\$1,000..	38 781	21 353	35 848	26 309	49 698	31 630	33 922	43 192
Livestock, poultry, and their products.....\$1,000..	96 832	35 985	75 941	37 408	40 591	23 481	62 272	31 848
Farms by value of sales:								
Less than \$2,500.....	40	162	64	158	102	62	61	47
\$2,500 to \$4,999.....	39	110	69	98	56	40	44	43
\$5,000 to \$9,999.....	50	155	109	136	76	58	68	65
\$10,000 to \$24,999.....	180	185	227	227	181	88	122	155
\$25,000 to \$49,999.....	251	161	172	155	180	101	168	144
\$50,000 to \$99,999.....	284	144	205	162	196	124	176	168
\$100,000 or more.....	390	142	347	195	282	168	300	234
Operators by principal occupation:								
Farming.....	1 000	615	881	672	763	469	676	655
Other.....	234	444	312	459	310	172	263	199
Operators by days worked off farm:								
Any.....	458	568	512	592	482	272	417	363
200 days or more.....	216	364	273	393	263	161	214	158
Average age of operator.....years..	46.6	51.9	49.8	51.1	50.6	50.7	48.0	49.8
Total farm production expenses <sup>1</sup> .....\$1,000..	99 059	44 124	80 835	45 506	67 296	37 000	72 394	55 454
Average per farm.....dollars..	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Livestock and poultry:								
Cattle and calves inventory.....farms..	649	685	594	586	464	264	356	318
.....number..	69 260	47 876	47 081	35 063	36 041	21 503	35 450	36 886
Beef cows.....farms..	287	609	402	445	353	203	121	216
.....number..	10 335	21 765	12 308	12 625	11 189	6 820	3 412	8 753
Milk cows.....farms..	134	22	51	41	21	5	110	13
.....number..	4 550	96	1 304	1 334	769	112	3 883	249
Cattle and calves sold.....farms..	688	697	610	585	471	272	371	335
.....number..	77 511	24 951	44 124	22 399	27 840	23 337	34 898	31 739
Hogs and pigs inventory.....farms..	567	275	496	381	300	169	387	230
.....number..	200 491	71 853	231 333	129 745	110 052	42 997	145 781	57 242
Hogs and pigs sold.....farms..	599	297	534	402	315	170	406	247
.....number..	404 640	123 559	407 094	227 507	191 669	77 324	273 074	101 724
Sheep and lambs inventory.....farms..	102	103	105	87	108	34	71	41
.....number..	7 539	5 678	4 963	4 066	4 666	1 248	1 964	1 838
Chickens 3 months old or older inventory.....farms..	55	64	85	60	42	25	63	40
.....number..	9 356	(D)	176 937	36 292	2 411	1 319	521 298	1 544
Broilers and other meat-type chickens sold.....farms..	21	7	10	13	11	2	13	-
.....number..	5 404	398	2 383	1 059	2 522	(D)	54 716	-
Selected crops harvested:								
Corn for grain or seed.....farms..	1 016	698	954	801	833	513	763	738
.....acres..	117 416	58 576	107 872	70 865	121 035	80 324	96 111	127 574
.....bushels..	13 619 698	6 955 682	14 344 045	8 764 911	16 830 774	9 796 784	11 770 471	15 077 846
Corn for silage or green chop.....farms..	184	32	84	37	38	9	168	60
.....acres..	5 684	1 182	2 178	1 039	1 467	388	4 915	2 084
.....tons, green..	79 413	14 559	29 372	15 062	26 764	8 465	68 515	31 127
Wheat for grain.....farms..	5	4	6	16	10	29	23	34
.....acres..	53	120	94	235	140	673	338	1 151
.....bushels..	2 250	5 045	3 615	7 450	5 938	22 119	12 084	38 895
Oats for grain.....farms..	369	142	318	246	197	52	321	128
.....acres..	8 074	3 048	6 110	4 948	3 631	1 210	7 833	4 556
.....bushels..	566 384	153 495	337 828	248 410	184 055	55 791	476 743	214 139
Soybeans for beans.....farms..	939	583	858	688	744	487	664	630
.....acres..	105 550	51 363	79 429	58 702	81 281	80 845	72 951	97 936
.....bushels..	4 264 389	2 104 554	3 294 041	2 435 855	3 909 328	2 992 822	3 024 302	3 594 035
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	580	666	587	598	445	208	377	288
.....acres..	17 502	26 569	18 691	21 952	13 025	6 228	13 931	8 834
.....tons, dry..	56 854	72 773	55 259	56 969	57 663	16 896	35 040	25 860

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms.....number.....	736	701	901	1 232	731	1 015	934	1 740
Land in farms.....acres.....	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 469
Average size of farm.....acres.....	306	354	259	294	316	333	368	300
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars.....	138 810	236 856	288 612	362 397	340 338	211 038	377 878	291 724
Average per acre.....dollars.....	432	672	1 145	1 199	1 063	624	1 096	1 047
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars.....	27 681	52 044	49 105	58 208	60 207	42 293	63 390	51 535
Farms by size:								
1 to 9 acres.....	34	39	65	117	63	58	65	133
10 to 49 acres.....	67	63	156	77	45	99	51	145
50 to 179 acres.....	246	155	259	292	166	249	194	418
180 to 499 acres.....	251	262	273	547	334	364	369	741
500 to 999 acres.....	113	153	121	168	96	210	209	253
1,000 acres or more.....	25	29	27	31	27	35	46	50
Total cropland.....farms.....	686	654	832	1 126	682	951	876	1 595
.....acres.....	147 087	217 733	199 021	331 555	215 844	284 786	321 339	465 370
Harvested cropland.....farms.....	634	627	801	1 104	676	908	867	1 545
.....acres.....	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
Irrigated land.....farms.....	2	2	36	4	11	7	30	14
.....acres.....	(D)	(D)	3 177	8	1 139	1 928	4 713	1 799
Market value of agricultural products sold.....\$1,000.....	27 469	54 168	54 308	156 715	74 371	72 822	91 667	183 614
Average per farm.....dollars.....	37 322	77 273	60 275	127 204	101 739	71 746	98 145	105 525
Crops, including nursery and greenhouse crops.....\$1,000.....	7 045	28 679	24 833	52 958	35 059	36 881	52 681	54 527
Livestock, poultry, and their products.....\$1,000.....	20 424	25 489	29 474	103 757	39 312	35 941	38 987	129 086
Farms by value of sales:								
Less than \$2,500.....	103	53	136	42	30	77	39	100
\$2,500 to \$4,999.....	91	36	56	25	25	63	19	62
\$5,000 to \$9,999.....	105	53	97	54	16	107	45	107
\$10,000 to \$24,999.....	169	116	156	171	85	209	121	255
\$25,000 to \$49,999.....	123	124	140	216	166	162	150	317
\$50,000 to \$99,999.....	81	148	144	322	190	180	256	352
\$100,000 or more.....	64	171	172	402	219	217	304	547
Operators by principal occupation:								
Farming.....	427	529	546	977	581	699	729	1 320
Other.....	309	172	355	255	150	316	205	420
Operators by days worked off farm:								
Any.....	344	302	480	498	294	494	381	706
200 days or more.....	238	144	337	216	128	272	161	370
Average age of operator.....years.....	52.5	51.0	49.7	47.8	45.5	51.6	48.4	47.7
Total farm production expenses <sup>1</sup> .....\$1,000.....	24 993	39 898	45 873	114 485	52 776	52 150	64 467	134 679
Average per farm.....dollars.....	33 958	56 916	50 970	92 850	72 197	51 430	69 022	77 402
Livestock and poultry:								
Cattle and calves inventory.....farms.....	533	348	377	381	277	578	219	780
.....number.....	41 441	29 584	26 833	54 433	29 424	45 986	18 879	85 592
Beef cows.....farms.....	444	272	279	184	85	480	103	481
.....number.....	19 008	9 933	9 011	6 869	2 376	16 455	3 178	15 644
Milk cows.....farms.....	29	14	36	62	60	19	22	61
.....number.....	884	303	1 441	1 722	1 531	290	690	1 815
Cattle and calves sold.....farms.....	532	378	381	406	307	611	225	798
.....number.....	27 524	23 100	17 106	84 562	28 110	33 468	20 408	91 422
Hogs and pigs inventory.....farms.....	161	229	271	536	260	315	342	865
.....number.....	31 726	61 284	91 269	219 771	97 240	82 672	113 704	333 224
Hogs and pigs sold.....farms.....	163	250	289	574	271	332	370	897
.....number.....	75 059	99 489	152 451	409 093	178 655	147 801	219 650	626 498
Sheep and lambs inventory.....farms.....	80	44	105	91	56	50	55	124
.....number.....	2 901	2 329	3 774	4 158	3 981	2 078	4 277	7 421
Chickens 3 months old or older inventory.....farms.....	44	25	56	35	28	58	33	85
.....number.....	1 741	3 055	3 962	29 981	(D)	4 346	61 425	150 595
Broilers and other meat-type chickens sold.....farms.....	4	5	9	23	15	3	10	16
.....number.....	209	953	836	6 142	6 183	250	(D)	7 943
Selected crops harvested:								
Corn for grain or seed.....farms.....	447	575	684	1 056	616	812	838	1 452
.....acres.....	26 349	73 645	81 722	124 897	77 922	84 480	118 241	188 184
.....bushels.....	2 665 907	8 730 435	7 955 200	16 222 003	10 347 932	9 291 092	15 586 249	20 983 864
Corn for silage or green chop.....farms.....	38	19	67	67	49	36	38	118
.....acres.....	1 051	676	1 847	2 155	1 573	1 086	1 024	2 886
.....tons, green.....	14 055	14 247	25 777	40 008	24 093	16 124	16 011	41 879
Wheat for grain.....farms.....	6	12	28	3	5	64	1	19
.....acres.....	104	482	737	34	158	1 626	(D)	325
.....bushels.....	4 095	17 674	27 926	1 580	4 079	57 610	(D)	14 129
Oats for grain.....farms.....	83	96	204	283	157	136	156	563
.....acres.....	1 457	1 866	4 275	4 530	2 702	2 540	3 157	16 054
.....bushels.....	62 381	91 878	224 208	346 987	195 555	107 537	197 644	1 058 772
Soybeans for beans.....farms.....	333	532	556	999	624	785	802	1 287
.....acres.....	19 212	72 597	54 102	132 665	91 774	94 261	126 240	137 600
.....bushels.....	705 634	2 646 499	1 986 587	5 610 722	3 803 501	3 335 358	5 266 410	5 594 158
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	519	368	393	346	259	549	216	711
.....acres.....	28 990	13 303	12 153	8 570	5 878	19 137	5 134	21 453
.....tons, dry.....	71 972	36 280	31 220	26 522	16 170	49 756	15 890	71 173

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiak	Ringgold	Sac	Scott	Shelby
Farms.....number..	987	1 001	1 652	1 047	701	1 035	973	1 177
Land in farms.....acres..	349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
Average size of farm.....acres..	354	238	329	320	407	348	237	299
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars..	402 097	314 216	297 073	289 230	186 298	357 000	361 559	277 542
Average per acre.....dollars..	1 123	1 211	909	928	480	1 071	1 527	915
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars..	76 821	48 436	56 327	53 170	40 541	58 997	55 927	52 473
Farms by size:								
1 to 9 acres.....	50	108	147	85	34	73	81	99
10 to 49 acres.....	54	281	228	101	45	63	156	84
50 to 179 acres.....	228	240	365	251	163	226	283	246
180 to 499 acres.....	409	230	522	381	260	434	329	530
500 to 999 acres.....	214	94	307	182	143	201	102	189
1,000 acres or more.....	32	48	83	47	56	38	22	29
Total cropland.....farms..	944	895	1 481	960	659	961	892	1 071
Harvested cropland.....farms..	330 508	213 501	488 111	295 594	225 274	321 946	210 370	322 461
Irrigated land.....farms..	929	841	1 429	904	592	945	862	1 035
.....acres..	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
.....acres..	4	12	18	3	2	8	17	3
.....(D)	(D)	(D)	1 984	(D)	(D)	707	202	(D)
Market value of agricultural products sold.....\$1,000..	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
Average per farm.....dollars..	95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
Crops, including nursery and greenhouse crops.....\$1,000..	52 217	39 779	72 682	36 210	13 056	45 971	32 387	44 370
Livestock, poultry, and their products.....\$1,000..	41 907	15 712	76 075	44 922	25 564	83 971	49 143	64 224
Farms by value of sales:								
Less than \$2,500.....	31	201	174	83	65	46	107	59
\$2,500 to \$4,999.....	13	108	93	46	52	22	57	35
\$5,000 to \$9,999.....	51	112	144	85	80	33	77	51
\$10,000 to \$24,999.....	159	167	230	174	127	179	165	173
\$25,000 to \$49,999.....	187	134	255	174	154	186	154	226
\$50,000 to \$99,999.....	259	104	310	197	114	212	167	312
\$100,000 or more.....	287	175	446	288	109	357	246	321
Operators by principal occupation:								
Farming.....	796	520	1 146	764	523	828	636	920
Other.....	191	481	506	283	178	207	337	257
Operators by days worked off farm:								
Any.....	401	579	724	454	270	375	475	470
200 days or more.....	149	383	411	263	150	182	307	222
Average age of operator.....years..	48.3	52.1	49.1	49.3	52.8	48.7	49.3	47.0
Total farm production expenses <sup>1</sup> .....\$1,000..	67 692	38 065	109 389	57 113	28 010	97 631	65 076	79 578
Average per farm.....dollars..	68 584	38 027	66 256	54 549	39 957	94 329	66 881	67 611
Livestock and poultry:								
Cattle and calves inventory.....farms..	211	288	772	649	511	340	398	593
.....number..	17 817	14 334	73 730	52 353	52 034	51 204	30 430	49 837
Beef cows.....farms..	113	216	568	521	461	229	261	420
.....number..	2 523	5 690	19 993	19 196	25 326	8 532	6 533	13 600
Milk cows.....farms..	10	14	24	40	23	30	40	26
.....number..	292	406	552	1 139	640	981	2 331	692
Cattle and calves sold.....farms..	205	287	807	645	521	363	398	627
.....number..	21 944	10 392	77 966	34 068	32 421	61 924	28 129	48 742
Hogs and pigs inventory.....farms..	303	155	505	373	221	437	338	492
.....number..	117 561	40 610	132 246	115 888	54 322	219 218	137 971	174 150
Hogs and pigs sold.....farms..	323	169	546	385	221	447	353	514
.....number..	224 360	73 131	239 278	210 829	89 820	384 947	218 118	300 106
Sheep and lambs inventory.....farms..	47	98	98	104	43	100	109	65
.....number..	2 716	2 819	3 815	5 999	2 190	6 951	3 251	2 270
Chickens 3 months old or older inventory.....farms..	18	40	97	37	26	46	60	47
.....number..	107 133	(D)	23 973	(D)	1 196	204 693	5 964	4 161
Broilers and other meat-type chickens sold.....farms..	13	10	12	5	2	10	16	11
.....number..	1 880	20 198	1 710	894	(D)	4 230	4 527	2 374
Selected crops harvested:								
Corn for grain or seed.....farms..	910	653	1 287	818	482	897	763	984
.....acres..	118 510	80 518	190 703	100 151	40 969	119 558	111 372	132 411
.....bushels..	15 779 661	11 274 889	25 187 379	12 586 370	4 248 023	15 021 139	13 407 266	16 173 496
Corn for silage or green chop.....farms..	36	18	85	62	46	54	70	50
.....acres..	1 831	498	2 859	1 394	990	2 928	1 969	2 044
.....tons, green..	47 768	6 477	47 725	23 086	13 037	39 347	31 431	28 816
Wheat for grain.....farms..	-	4	43	6	10	3	6	4
.....acres..	-	107	1 516	164	437	64	109	58
.....bushels..	-	3 940	54 434	8 820	12 789	3 150	5 604	2 710
Oats for grain.....farms..	121	88	300	367	98	237	263	380
.....acres..	2 024	1 600	7 231	9 532	2 560	5 983	4 480	8 645
.....bushels..	125 628	87 155	451 766	464 644	90 507	362 676	293 480	476 387
Soybeans for beans.....farms..	878	608	1 126	731	439	867	603	881
.....acres..	142 055	79 880	159 046	76 368	42 819	117 882	38 786	90 028
.....bushels..	5 258 627	3 515 595	6 246 430	3 315 883	1 460 253	4 875 822	1 761 863	3 630 359
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	198	302	714	616	451	354	424	510
.....acres..	4 570	7 553	22 980	28 433	35 333	13 399	11 494	14 859
.....tons, dry..	13 757	22 959	66 760	89 007	83 063	43 069	33 782	42 633

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms.....number.....	2 015	1 138	1 404	774	693	783	899	1 310
Land in farms.....acres.....	472 363	327 081	417 178	291 057	233 595	244 939	211 685	303 783
Average size of farm.....acres.....	234	287	297	376	337	313	235	232
Value of land and buildings <sup>1</sup> :								
Average per farm.....dollars.....	282 218	350 423	286 898	180 517	185 510	160 879	155 927	181 805
Average per acre.....dollars.....	1 181	1 237	977	511	556	531	723	806
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm.....dollars.....	50 364	50 530	56 161	35 752	31 176	35 555	31 114	31 507
Farms by size:								
1 to 9 acres.....	310	105	102	35	36	37	40	86
10 to 49 acres.....	178	172	141	51	99	70	167	285
50 to 179 acres.....	529	298	373	185	181	256	313	444
180 to 499 acres.....	786	330	521	297	225	266	253	314
500 to 999 acres.....	179	188	225	163	119	121	108	134
1,000 acres or more.....	33	45	42	43	33	33	18	47
Total cropland.....farms.....	1 719	1 036	1 293	721	640	740	833	1 203
Harvested cropland.....farms.....	438 716	302 492	367 588	229 338	177 099	165 726	162 399	235 212
Irrigated land.....farms.....	1 667	1 001	1 238	690	597	699	788	1 104
.....acres.....	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
.....acres.....	59	15	5	-	2	3	2	7
.....(D)	8 639	307	(D)	-	(D)	42	(D)	57
Market value of agricultural products sold.....\$1,000.....	348 597	101 788	105 643	40 437	39 630	32 952	35 435	54 969
Average per farm.....dollars.....	173 001	89 445	75 244	52 244	57 186	42 084	39 416	41 961
Crops, including nursery and greenhouse crops.....\$1,000.....	55 150	55 294	54 800	18 395	13 081	13 637	17 003	23 179
Livestock, poultry, and their products.....\$1,000.....	293 447	46 494	50 843	22 042	26 549	19 315	18 432	31 790
Farms by value of sales:								
Less than \$2,500.....	59	106	108	70	96	116	196	263
\$2,500 to \$4,999.....	74	57	79	50	50	56	96	143
\$5,000 to \$9,999.....	102	90	102	90	87	121	115	212
\$10,000 to \$24,999.....	295	220	237	188	132	187	193	238
\$25,000 to \$49,999.....	319	167	227	122	104	111	109	174
\$50,000 to \$99,999.....	379	212	307	143	129	105	86	133
\$100,000 or more.....	787	286	344	111	95	87	104	147
Operators by principal occupation:								
Farming.....	1 490	727	1 022	556	436	478	485	635
Other.....	525	411	382	218	257	305	414	675
Operators by days worked off farm:								
Any.....	873	554	629	341	353	404	478	778
200 days or more.....	476	367	342	203	202	237	353	552
Average age of operator.....years.....	46.6	50.3	49.9	50.7	51.3	51.6	52.8	51.7
Total farm production expenses <sup>1</sup> .....\$1,000.....	275 493	73 684	80 531	28 672	30 158	25 801	27 999	40 075
Average per farm.....dollars.....	136 789	64 692	57 358	37 302	43 456	32 952	31 145	30 591
Livestock and poultry:								
Cattle and calves inventory.....farms.....	894	266	702	513	479	475	477	785
.....number.....	178 525	20 355	47 654	40 041	45 072	29 876	25 907	47 405
Beef cows.....farms.....	232	169	526	455	422	428	400	665
.....number.....	9 256	3 917	16 517	18 185	20 631	14 665	11 360	20 514
Milk cows.....farms.....	185	15	64	24	24	40	30	45
.....number.....	9 404	833	1 837	192	224	494	634	1 233
Cattle and calves sold.....farms.....	947	281	721	511	473	490	478	780
.....number.....	257 632	26 698	33 299	21 884	24 816	16 457	16 479	25 175
Hogs and pigs inventory.....farms.....	1 021	266	481	223	186	200	196	300
.....number.....	441 534	110 672	138 689	62 873	44 487	56 843	48 166	91 113
Hogs and pigs sold.....farms.....	1 070	290	491	231	186	206	197	310
.....number.....	873 187	221 283	249 542	98 679	74 186	132 498	83 003	163 172
Sheep and lambs inventory.....farms.....	152	102	139	40	65	128	74	88
.....number.....	28 852	4 032	4 969	1 523	(D)	7 285	3 042	2 216
Chickens 3 months old or older inventory.....farms.....	85	41	95	39	45	46	51	74
.....number.....	650 750	81 386	69 686	1 599	1 898	6 999	(D)	36 122
Broilers and other meat-type chickens sold.....farms.....	25	13	22	4	3	2	2	7
.....number.....	15 115	3 869	4 704	(D)	(D)	(D)	(D)	785
Selected crops harvested:								
Corn for grain or seed.....farms.....	1 561	885	1 137	581	473	553	511	793
.....acres.....	194 424	116 748	146 615	55 044	40 799	41 462	49 900	69 880
.....bushels.....	22 031 184	16 455 650	19 327 395	5 888 957	4 545 259	4 100 414	5 287 674	8 380 487
Corn for silage or green chop.....farms.....	283	35	61	16	22	83	33	50
.....acres.....	10 802	1 235	1 346	390	603	1 667	869	1 309
.....tons, green.....	145 896	22 164	26 189	4 300	6 844	20 150	12 466	22 129
Wheat for grain.....farms.....	7	7	10	27	10	40	6	9
.....acres.....	231	128	240	576	268	554	59	207
.....bushels.....	9 820	5 419	9 760	24 097	7 953	18 220	1 170	8 579
Oats for grain.....farms.....	479	90	347	120	139	122	98	167
.....acres.....	10 947	1 527	6 465	2 737	3 301	2 046	1 651	2 972
.....bushels.....	744 073	86 951	313 356	104 925	137 330	72 429	68 796	125 358
Soybeans for beans.....farms.....	1 339	848	989	560	425	505	470	640
.....acres.....	118 683	117 965	100 936	59 816	32 681	40 843	46 721	53 371
.....bushels.....	5 156 590	5 334 137	4 631 128	1 976 558	1 230 031	1 388 369	1 800 536	2 100 582
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms.....	683	283	671	467	457	537	535	791
.....acres.....	23 295	6 859	23 868	24 517	25 540	23 500	19 928	30 959
.....tons, dry.....	77 068	18 019	73 682	55 475	65 941	47 206	45 976	83 102

See footnotes at end of table.

**Table 1. County Summary Highlights: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms..... number.....	1 158	743	1 235	742	1 633	1 360	667	882
Land in farms..... acres.....	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
Average size of farm..... acres.....	278	379	337	327	231	332	332	390
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars.....	267 295	184 013	432 253	367 438	192 457	255 831	317 865	504 641
Average per acre..... dollars.....	1 044	488	1 289	1 132	846	769	1 043	1 235
Estimated market value of all machinery and equipment <sup>1</sup> :								
Average per farm..... dollars.....	59 078	34 681	71 208	63 377	56 635	50 399	66 499	83 069
Farms by size:								
1 to 9 acres.....	101	45	75	54	113	123	53	40
10 to 49 acres.....	136	55	118	49	145	170	73	62
50 to 179 acres.....	294	161	300	195	538	289	142	182
180 to 499 acres.....	431	273	459	284	699	483	233	343
500 to 999 acres.....	167	166	223	131	123	226	143	199
1,000 acres or more.....	29	43	60	29	15	69	23	56
Total cropland..... farms.....	1 058	674	1 161	700	1 510	1 227	617	842
Harvested cropland..... acres.....	278 666	217 862	384 173	224 561	300 701	399 325	205 576	323 154
Irrigated land..... farms.....	1 024	630	1 140	686	1 422	1 162	592	832
..... acres.....	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
..... (D).....	7	-	4	2	2	25	3	4
..... (D).....	48	-	(D)	(D)	(D)	4 930	(D)	(D)
Market value of agricultural products sold..... \$1,000.....	113 286	34 630	112 144	57 541	120 561	127 445	56 004	85 033
Average per farm..... dollars.....	97 829	46 608	90 805	77 548	73 828	93 709	83 964	96 409
Crops, including nursery and greenhouse crops..... \$1,000.....	33 116	14 430	71 872	36 616	21 110	47 787	32 006	58 762
Livestock, poultry, and their products..... \$1,000.....	80 170	20 200	40 272	20 925	99 451	79 658	23 997	26 271
Farms by value of sales:								
Less than \$2,500.....	65	92	82	39	115	137	45	31
\$2,500 to \$4,999.....	63	65	41	28	85	75	36	18
\$5,000 to \$9,999.....	99	74	78	40	125	127	46	37
\$10,000 to \$24,999.....	181	159	181	110	291	205	87	129
\$25,000 to \$49,999.....	167	154	259	137	267	244	102	147
\$50,000 to \$99,999.....	229	110	261	190	330	226	159	234
\$100,000 or more.....	354	89	333	198	420	346	192	286
Operators by principal occupation:								
Farming.....	872	540	902	582	1 265	942	519	701
Other.....	286	203	333	160	368	418	148	181
Operators by days worked off farm:								
Any.....	470	328	545	304	586	607	276	382
200 days or more.....	266	175	268	141	312	339	137	145
Average age of operator..... years.....	48.1	53.0	49.5	48.6	48.7	49.8	49.7	50.5
Total farm production expenses <sup>1</sup> ..... \$1,000.....	83 690	26 097	72 827	44 526	86 449	98 327	44 646	58 845
Average per farm..... dollars.....	72 333	35 172	58 969	60 008	52 939	72 246	66 936	66 717
Livestock and poultry:								
Cattle and calves inventory..... farms.....	481	509	231	159	1 217	596	228	143
..... number.....	30 074	44 170	12 135	9 127	103 658	74 222	13 566	8 914
Beef cows..... farms.....	334	439	157	69	522	429	150	55
..... number.....	10 748	20 557	3 638	1 479	16 017	16 182	2 902	1 313
Milk cows..... farms.....	64	23	9	48	570	32	29	9
..... number.....	1 004	686	198	1 400	26 299	351	1 110	273
Cattle and calves sold..... farms.....	488	522	225	165	1 236	609	229	155
..... number.....	20 410	25 717	9 297	7 022	50 360	76 149	10 451	13 914
Hogs and pigs inventory..... farms.....	592	167	250	236	710	449	229	197
..... number.....	291 267	38 007	95 799	77 367	183 559	144 487	71 694	73 215
Hogs and pigs sold..... farms.....	605	178	270	252	743	470	245	219
..... number.....	574 390	70 369	178 275	142 260	320 287	251 467	122 653	143 753
Sheep and lambs inventory..... farms.....	142	53	62	57	106	105	67	70
..... number.....	8 542	2 696	2 887	2 071	6 023	4 863	2 234	2 393
Chickens 3 months old or older inventory..... farms.....	79	26	36	21	92	60	21	22
..... number.....	(D)	1 425	(D)	(D)	262 549	4 010	11 141	31 520
Broilers and other meat-type chickens sold..... farms.....	22	2	3	10	9	5	2	5
..... number.....	6 311	(D)	(D)	1 511	1 373	374	(D)	1 385
Selected crops harvested:								
Corn for grain or seed..... farms.....	932	505	1 048	640	1 290	1 020	552	798
..... acres.....	116 371	43 055	138 143	87 427	103 614	162 688	77 320	119 346
..... bushels.....	13 290 292	4 557 377	19 331 951	11 820 656	13 335 146	18 991 273	10 020 057	16 476 936
Corn for silage or green chop..... farms.....	78	21	30	46	424	70	65	18
..... acres.....	1 618	470	773	1 128	8 486	2 798	1 372	761
..... tons, green.....	25 914	5 980	12 501	14 700	139 809	42 136	23 135	16 792
Wheat for grain..... farms.....	47	19	3	2	6	16	-	2
..... acres.....	876	343	(D)	(D)	79	697	-	(D)
..... bushels.....	36 235	11 688	2 650	(D)	4 030	20 137	-	(D)
Oats for grain..... farms.....	327	81	93	157	853	282	146	88
..... acres.....	6 212	1 625	1 798	2 860	20 576	9 046	2 758	1 546
..... bushels.....	295 085	57 353	104 881	186 347	1 217 857	495 502	160 748	94 034
Soybeans for beans..... farms.....	769	426	1 039	581	411	763	517	777
..... acres.....	66 723	38 334	170 666	82 288	18 580	86 671	72 543	137 106
..... bushels.....	2 818 021	1 378 703	7 272 652	3 070 284	773 018	3 358 177	2 918 118	5 631 282
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms.....	514	485	244	214	1 220	510	238	150
..... acres.....	17 874	34 854	4 356	6 010	76 101	17 814	6 256	3 084
..... tons, dry.....	41 048	77 469	11 473	19 682	249 750	48 432	16 825	8 788

<sup>1</sup>Data are based on a sample of farms.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- farms, 1987..	105 180	970	688	1 062	891	851	1 434
----- farms, 1982..	115 413	1 065	737	1 134	900	905	1 585
----- \$1,000, 1987..	8 926 799	71 079	39 893	77 437	25 508	80 178	140 932
----- \$1,000, 1982..	9 828 932	71 042	47 363	78 152	23 296	92 606	138 182
Average per farm ----- dollars, 1987..	84 872	73 277	57 983	72 916	28 628	94 216	98 279
----- dollars, 1982..	85 163	66 706	64 264	68 917	25 885	102 327	87 181
1987 value of sales:							
Less than \$1,000 ----- farms..	3 782	22	24	22	79	21	35
----- \$1,000..	1 254	7	6	9	22	3	13
\$1,000 to \$2,499 ----- farms..	5 017	41	26	44	74	38	73
----- \$1,000..	8 372	75	48	75	124	66	117
\$2,500 to \$4,999 ----- farms..	5 498	50	53	51	110	33	51
----- \$1,000..	20 091	186	196	184	406	123	177
\$5,000 to \$9,999 ----- farms..	8 252	85	68	79	117	53	95
----- \$1,000..	60 139	661	494	591	643	396	693
\$10,000 to \$19,999 ----- farms..	12 427	121	106	122	175	99	156
----- \$1,000..	182 050	1 744	1 527	1 723	2 526	1 501	2 251
\$20,000 to \$24,999 ----- farms..	5 009	66	34	57	47	56	64
----- \$1,000..	112 042	1 495	744	1 284	1 050	1 265	1 446
\$25,000 to \$39,999 ----- farms..	11 756	112	80	105	98	103	166
----- \$1,000..	375 819	3 665	2 482	3 409	3 109	3 295	5 319
\$40,000 to \$49,999 ----- farms..	5 996	57	42	65	38	43	89
----- \$1,000..	267 940	(D)	1 894	2 869	1 710	1 915	4 014
\$50,000 to \$99,999 ----- farms..	20 656	207	142	240	103	184	286
----- \$1,000..	1 493 083	(D)	10 100	18 047	7 209	13 344	20 843
\$100,000 to \$249,999 ----- farms..	20 200	163	91	245	43	157	317
----- \$1,000..	3 103 103	(D)	13 003	37 315	(D)	25 002	47 349
\$250,000 to \$499,999 ----- farms..	4 957	42	16	27	6	39	82
----- \$1,000..	1 659 468	(D)	4 681	8 935	(D)	12 413	26 511
\$500,000 or more ----- farms..	1 630	4	6	5	1	25	20
----- \$1,000..	1 643 439	5 142	4 718	2 996	(D)	20 855	32 199
1982 value of sales <sup>1</sup> :							
Less than \$1,000 ----- farms..	3 219	16	15	26	62	20	31
----- \$1,000..	1 133	7	4	6	(D)	8	12
\$1,000 to \$2,499 ----- farms..	4 873	34	26	39	80	20	47
----- \$1,000..	8 192	61	44	70	132	29	80
\$2,500 to \$4,999 ----- farms..	5 535	47	25	34	93	24	86
----- \$1,000..	20 187	171	91	123	357	86	315
\$5,000 to \$9,999 ----- farms..	8 230	72	73	88	150	47	100
----- \$1,000..	60 106	531	523	638	1 054	323	745
\$10,000 to \$19,999 ----- farms..	12 276	139	108	133	177	94	133
----- \$1,000..	181 108	2 051	1 625	1 944	2 527	1 397	1 945
\$20,000 to \$24,999 ----- farms..	5 255	88	45	39	48	53	51
----- \$1,000..	117 499	1 521	999	865	1 087	1 212	1 149
\$25,000 to \$39,999 ----- farms..	13 163	125	93	151	113	111	200
----- \$1,000..	424 231	3 936	2 997	4 887	3 550	3 554	6 439
\$40,000 to \$49,999 ----- farms..	7 295	69	42	74	49	60	90
----- \$1,000..	326 300	3 054	1 870	3 337	2 213	2 687	4 052
\$50,000 to \$99,999 ----- farms..	25 735	270	185	280	90	217	388
----- \$1,000..	1 855 005	19 099	12 903	20 143	6 394	15 352	27 989
\$100,000 to \$249,999 ----- farms..	22 929	195	101	239	32	190	364
----- \$1,000..	3 491 069	28 873	14 552	34 891	4 386	29 892	54 879
\$250,000 to \$499,999 ----- farms..	5 199	27	17	28	5	48	76
----- \$1,000..	1 745 534	9 549	5 370	9 200	1 549	16 652	24 881
\$500,000 or more ----- farms..	1 660	3	7	3	-	21	19
----- \$1,000..	1 592 815	2 188	6 384	2 049	-	21 414	15 695
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms, 1987..	83 940	787	521	663	545	684	1 204
----- farms, 1982..	92 378	871	582	651	602	727	1 341
----- \$1,000, 1987..	3 660 117	31 015	16 407	10 238	9 222	29 364	59 680
----- \$1,000, 1982..	4 143 086	26 759	16 108	11 805	(D)	29 524	66 985
Grains ----- farms, 1987..	81 042	776	508	620	474	676	1 179
----- farms, 1982..	89 676	849	568	600	558	705	1 315
----- \$1,000, 1987..	3 563 323	30 480	16 092	9 187	8 247	29 004	59 012
----- \$1,000, 1982..	4 042 552	26 189	15 682	10 846	7 917	28 798	66 338
Corn for grain ----- farms, 1987..	72 356	681	427	547	371	577	1 068
----- farms, 1982..	76 287	687	423	556	353	582	1 153
----- \$1,000, 1987..	1 961 527	16 606	8 538	8 118	3 975	15 560	30 432
----- \$1,000, 1982..	2 459 061	15 347	8 038	10 016	4 108	16 595	38 804
Wheat ----- farms, 1987..	1 188	5	16	1	6	7	15
----- farms, 1982..	2 605	28	60	4	38	13	12
----- \$1,000, 1987..	2 726	(D)	21	(D)	(D)	40	33
----- \$1,000, 1982..	8 447	(D)	(D)	(D)	56	(D)	(D)
Soybeans ----- farms, 1987..	68 166	666	451	119	396	607	1 061
----- farms, 1982..	73 043	721	513	93	459	587	1 157
----- \$1,000, 1987..	1 573 168	13 551	7 429	728	4 242	13 093	28 043
----- \$1,000, 1982..	1 541 608	10 479	7 312	646	3 711	11 820	26 928
Sorghum for grain ----- farms, 1987..	57	-	3	-	-	-	-
----- farms, 1982..	118	-	3	-	1	1	1
----- \$1,000, 1987..	477	-	(D)	-	-	(D)	(D)
----- \$1,000, 1982..	812	-	(D)	-	(D)	(D)	(D)
Barley ----- farms, 1987..	81	-	-	3	-	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	116	-	-	(D)	-	-	-
----- \$1,000, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	11 842	130	64	178	31	122	268
----- farms, 1982..	15 064	182	99	139	42	174	328
----- \$1,000, 1987..	19 604	175	84	294	21	241	452
----- \$1,000, 1982..	26 314	245	144	170	(D)	310	545
Other grains <sup>2</sup> ----- farms, 1987..	677	7	1	16	1	6	9
----- farms, 1982..	486	6	-	2	-	1	4
----- \$1,000, 1987..	5 705	(D)	(D)	43	(D)	71	52
----- \$1,000, 1982..	6 310	(D)	-	(D)	-	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- farms, 1987..	1 269	1 029	1 140	1 332	1 097	1 294	992
----- farms, 1982..	1 352	1 153	1 287	1 403	1 185	1 467	1 164
----- \$1,000, 1987..	99 933	91 247	75 029	109 025	132 273	105 209	98 179
----- \$1,000, 1982..	103 234	102 853	80 646	112 935	138 266	110 495	115 921
Average per farm ----- dollars, 1987..	78 750	88 676	65 815	81 851	120 577	81 305	98 971
----- dollars, 1982..	76 356	89 204	62 662	80 496	116 680	75 320	99 588
1987 value of sales:							
Less than \$1,000 ----- farms..	55	48	69	33	15	36	16
----- \$1,000..	12	19	29	14	5	13	7
\$1,000 to \$2,499 ----- farms..	73	49	68	64	25	70	26
----- \$1,000..	118	86	107	107	40	112	40
\$2,500 to \$4,999 ----- farms..	73	56	55	59	26	50	34
----- \$1,000..	267	203	198	216	97	173	119
\$5,000 to \$9,999 ----- farms..	109	79	99	81	58	73	51
----- \$1,000..	780	573	697	601	437	549	377
\$10,000 to \$19,999 ----- farms..	189	113	145	183	109	141	108
----- \$1,000..	2 794	1 639	2 093	2 795	1 607	2 095	1 634
\$20,000 to \$24,999 ----- farms..	57	42	55	70	54	66	34
----- \$1,000..	1 282	936	1 245	1 574	1 215	1 487	771
\$25,000 to \$39,999 ----- farms..	137	102	114	189	117	175	120
----- \$1,000..	4 397	3 288	3 636	5 989	3 808	5 606	3 854
\$40,000 to \$49,999 ----- farms..	55	56	80	67	80	78	58
----- \$1,000..	2 463	2 516	3 556	2 984	3 556	3 495	2 614
\$50,000 to \$99,999 ----- farms..	214	222	240	251	251	278	212
----- \$1,000..	15 644	16 342	17 250	18 342	18 409	20 195	15 823
\$100,000 to \$249,999 ----- farms..	224	165	165	244	250	251	254
----- \$1,000..	35 045	29 666	25 954	39 081	38 359	38 872	37 563
\$250,000 to \$499,999 ----- farms..	62	59	39	80	77	61	60
----- \$1,000..	21 077	20 565	12 343	26 536	27 248	20 715	19 621
\$500,000 or more ----- farms..	21	18	11	11	35	15	19
----- \$1,000..	16 054	15 415	7 922	10 787	37 491	11 899	15 756
1982 value of sales <sup>1</sup> :							
Less than \$1,000 ----- farms..	44	42	30	33	18	30	14
----- \$1,000..	17	(D)	15	(D)	(D)	13	5
\$1,000 to \$2,499 ----- farms..	92	65	80	50	22	67	50
----- \$1,000..	149	105	139	85	37	111	78
\$2,500 to \$4,999 ----- farms..	69	61	78	65	33	56	28
----- \$1,000..	255	224	287	246	126	200	99
\$5,000 to \$9,999 ----- farms..	108	62	100	100	31	100	53
----- \$1,000..	760	449	724	773	255	733	382
\$10,000 to \$19,999 ----- farms..	180	114	168	142	99	162	109
----- \$1,000..	2 661	1 672	2 483	2 058	1 472	2 400	1 664
\$20,000 to \$24,999 ----- farms..	71	46	69	72	39	73	37
----- \$1,000..	1 580	1 025	1 548	1 624	870	1 649	830
\$25,000 to \$39,999 ----- farms..	149	127	157	190	133	193	122
----- \$1,000..	4 820	3 991	5 061	6 209	4 247	6 250	3 888
\$40,000 to \$49,999 ----- farms..	85	61	102	101	91	100	73
----- \$1,000..	3 799	2 707	4 605	4 576	4 103	4 488	3 278
\$50,000 to \$99,999 ----- farms..	239	266	269	293	303	357	326
----- \$1,000..	17 345	18 988	19 311	20 951	22 353	26 218	23 593
\$100,000 to \$249,999 ----- farms..	235	223	190	268	307	262	275
----- \$1,000..	37 479	34 124	28 673	40 575	46 945	39 302	42 397
\$250,000 to \$499,999 ----- farms..	54	64	36	74	77	52	55
----- \$1,000..	16 989	21 427	11 873	25 358	25 721	17 341	18 032
\$500,000 or more ----- farms..	23	20	8	14	30	15	22
----- \$1,000..	17 059	18 056	5 929	10 308	30 137	11 790	21 674
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms, 1987..	1 059	882	889	1 087	972	1 061	907
----- farms, 1982..	1 136	990	1 057	1 143	1 065	1 210	1 055
----- \$1,000, 1987..	50 001	54 049	31 102	46 360	50 449	43 198	57 725
----- \$1,000, 1982..	55 082	59 071	34 808	51 248	58 562	48 887	62 862
Grains ----- farms, 1987..	1 011	854	865	1 072	962	1 040	898
----- farms, 1982..	1 102	950	1 031	1 123	1 057	1 191	1 042
----- \$1,000, 1987..	47 367	52 309	30 534	45 783	50 201	42 330	57 493
----- \$1,000, 1982..	52 959	57 521	34 183	50 757	58 208	48 186	62 483
Corn for grain ----- farms, 1987..	925	780	793	956	881	948	833
----- farms, 1982..	968	852	927	990	942	1 047	929
----- \$1,000, 1987..	28 305	26 352	19 395	30 117	24 271	24 579	26 402
----- \$1,000, 1982..	33 971	33 111	23 973	36 817	32 456	30 752	33 753
Wheat ----- farms, 1987..	4	9	2	8	3	6	2
----- farms, 1982..	6	13	4	5	3	9	1
----- \$1,000, 1987..	12	(D)	(D)	15	(D)	17	(D)
----- \$1,000, 1982..	(D)	58	(D)	(D)	17	(D)	(D)
Soybeans ----- farms, 1987..	867	794	690	869	924	926	853
----- farms, 1982..	900	869	800	829	974	1 008	982
----- \$1,000, 1987..	18 850	25 716	10 848	15 296	25 720	17 468	30 865
----- \$1,000, 1982..	18 656	24 033	10 032	13 742	25 347	16 933	28 253
Sorghum for grain ----- farms, 1987..	-	1	-	-	-	-	-
----- farms, 1982..	1	2	-	-	3	-	-
----- \$1,000, 1987..	-	(D)	-	-	-	-	-
----- \$1,000, 1982..	(D)	(D)	-	-	(D)	-	-
Barley ----- farms, 1987..	-	-	-	-	2	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	-	-	-	-	(D)	-	-
----- \$1,000, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	111	97	149	187	94	193	79
----- farms, 1982..	150	152	144	175	166	244	164
----- \$1,000, 1987..	162	173	194	276	143	259	184
----- \$1,000, 1982..	219	307	165	180	298	403	405
Other grains <sup>2</sup> ----- farms, 1987..	12	6	5	10	5	3	3
----- farms, 1982..	9	2	2	4	4	12	3
----- \$1,000, 1987..	38	47	(D)	80	38	7	(D)
----- \$1,000, 1982..	25	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- farms, 1987..	1 319	942	1 170	929	1 091	1 054	697
1982..	1 396	1 087	1 323	1 045	1 214	1 180	766
\$1,000, 1987..	170 623	83 023	104 711	83 002	119 253	85 162	27 280
1982..	186 526	88 165	125 868	100 262	139 215	84 906	28 742
Average per farm ----- dollars, 1987..	129 358	88 135	89 497	89 346	109 306	80 799	39 139
1982..	133 615	81 109	95 138	95 944	114 675	71 954	37 522
<b>1987 value of sales:</b>							
Less than \$1,000 ----- farms..	16	20	30	44	18	30	39
\$1,000..	2	9	10	20	5	11	12
\$1,000 to \$2,499 ----- farms..	26	34	66	50	34	52	52
\$1,000..	39	51	108	75	55	83	91
\$2,500 to \$4,999 ----- farms..	36	39	46	41	37	51	54
\$1,000..	139	144	169	142	126	188	182
\$5,000 to \$9,999 ----- farms..	61	76	60	41	63	97	105
\$1,000..	463	562	427	306	447	710	773
\$10,000 to \$19,999 ----- farms..	96	138	125	75	91	118	101
\$1,000..	1 487	2 095	1 832	1 089	1 369	1 749	1 506
\$20,000 to \$24,999 ----- farms..	74	48	54	38	58	48	56
\$1,000..	1 675	1 050	1 184	861	1 300	1 056	1 253
\$25,000 to \$39,999 ----- farms..	140	106	116	107	143	139	81
\$1,000..	4 528	3 413	3 687	3 464	4 614	4 460	2 531
\$40,000 to \$49,999 ----- farms..	86	55	74	82	72	52	49
\$1,000..	3 845	2 460	3 290	2 779	3 219	2 298	(D)
\$50,000 to \$99,999 ----- farms..	293	191	255	195	232	232	95
\$1,000..	21 020	14 258	18 616	14 633	16 325	17 150	(D)
\$100,000 to \$249,999 ----- farms..	364	171	269	213	238	177	53
\$1,000..	55 673	26 307	41 876	32 540	36 887	27 298	8 014
\$250,000 to \$499,999 ----- farms..	89	44	59	51	78	39	10
\$1,000..	30 478	14 480	19 238	16 624	26 437	13 624	(D)
\$500,000 or more ----- farms..	38	20	16	12	27	19	2
\$1,000..	51 273	18 193	14 275	10 470	28 470	16 535	(D)
<b>1982 value of sales<sup>1</sup>:</b>							
Less than \$1,000 ----- farms..	14	27	28	27	16	33	35
\$1,000..	(D)	12	9	(D)	6	11	14
\$1,000 to \$2,499 ----- farms..	24	43	46	50	32	62	50
\$1,000..	35	75	79	81	57	101	88
\$2,500 to \$4,999 ----- farms..	23	41	52	48	36	71	74
\$1,000..	82	154	186	173	132	253	279
\$5,000 to \$9,999 ----- farms..	54	92	67	45	66	94	101
\$1,000..	406	680	490	353	486	705	733
\$10,000 to \$19,999 ----- farms..	101	129	109	93	70	154	112
\$1,000..	1 484	1 947	1 602	1 382	1 076	2 302	1 646
\$20,000 to \$24,999 ----- farms..	57	46	44	27	67	61	68
\$1,000..	1 265	1 035	975	606	1 480	1 365	1 527
\$25,000 to \$39,999 ----- farms..	198	128	147	111	127	139	91
\$1,000..	6 394	4 022	4 741	3 521	4 185	4 427	2 975
\$40,000 to \$49,999 ----- farms..	99	77	79	62	94	75	48
\$1,000..	4 372	3 407	3 529	2 775	4 213	3 380	2 161
\$50,000 to \$99,999 ----- farms..	379	261	335	258	289	248	124
\$1,000..	27 072	18 489	24 427	18 775	20 883	17 983	8 465
\$100,000 to \$249,999 ----- farms..	318	179	311	243	299	190	54
\$1,000..	49 335	26 690	48 430	36 717	45 953	28 049	7 790
\$250,000 to \$499,999 ----- farms..	87	46	85	61	82	36	8
\$1,000..	30 236	15 487	27 646	20 554	27 858	12 100	(D)
\$500,000 or more ----- farms..	41	18	20	19	36	17	1
\$1,000..	65 775	16 167	13 753	15 143	32 886	14 230	(D)
<b>Sales by commodity or commodity group:</b>							
<b>Crops, including nursery and greenhouse crops</b>							
farms, 1987..	1 116	802	938	790	937	867	471
1982..	1 171	890	1 075	887	1 034	929	525
\$1,000, 1987..	49 277	36 154	42 138	50 091	41 169	32 528	9 021
1982..	47 143	35 329	60 021	61 184	(D)	33 730	10 060
<b>Grains</b>							
farms, 1987..	1 100	794	920	764	925	848	427
1982..	1 151	871	1 055	866	1 021	916	500
\$1,000, 1987..	48 765	35 665	41 586	48 335	40 610	31 956	8 548
1982..	45 589	34 846	59 469	59 374	43 373	33 143	9 593
<b>Corn for grain</b>							
farms, 1987..	955	724	845	718	829	758	346
1982..	900	721	981	775	806	769	351
\$1,000, 1987..	24 998	19 472	26 102	28 317	19 972	19 809	4 689
1982..	24 525	20 197	43 985	38 757	23 286	21 973	5 227
<b>Wheat</b>							
farms, 1987..	3	21	9	2	-	6	5
1982..	6	52	13	3	4	5	14
\$1,000, 1987..	(D)	(D)	(D)	(D)	-	(D)	(D)
1982..	(D)	254	40	(D)	(D)	8	23
<b>Soybeans</b>							
farms, 1987..	1 037	724	770	681	860	691	346
1982..	1 058	767	724	759	931	751	412
\$1,000, 1987..	23 206	15 976	15 248	19 852	20 420	11 845	3 824
1982..	20 519	14 185	15 166	20 372	19 589	10 990	4 279
<b>Sorghum for grain</b>							
farms, 1987..	-	1	-	-	-	-	1
1982..	2	-	-	-	-	-	5
\$1,000, 1987..	-	(D)	-	-	-	-	(D)
1982..	(D)	-	-	-	-	-	7
<b>Barley</b>							
farms, 1987..	-	-	-	1	1	1	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	-	-	-	(D)	(D)	(D)	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Oats</b>							
farms, 1987..	215	87	141	84	111	177	36
1982..	247	137	190	133	195	145	63
\$1,000, 1987..	377	88	215	134	142	255	28
1982..	476	179	276	(D)	436	173	57
<b>Other grains<sup>2</sup></b>							
farms, 1987..	13	11	3	4	7	4	1
1982..	7	11	3	-	5	-	-
\$1,000, 1987..	(D)	74	(D)	(D)	(D)	27	(D)
1982..	49	31	3	-	(D)	-	-

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- farms, 1987..	877	1 705	1 437	1 339	1 081	921	715
1982..	1 045	1 725	1 570	1 511	1 208	954	769
\$1,000, 1987..	93 702	144 817	115 717	111 095	78 495	33 396	35 571
1982..	113 976	132 447	147 280	121 565	96 457	37 351	37 804
Average per farm -----dollars, 1987..	106 844	84 937	80 527	82 968	72 613	36 261	49 749
1982..	109 068	76 781	93 809	80 453	79 848	39 152	49 160
1987 value of sales:							
Less than \$1,000 ----- farms..	23	55	51	27	76	67	63
\$1,000..	6	13	16	5	26	21	15
\$1,000 to \$2,499 ----- farms..	26	61	59	44	91	62	53
\$1,000..	40	103	92	67	145	109	87
\$2,500 to \$4,999 ----- farms..	27	80	60	69	85	107	56
\$1,000..	99	310	210	246	309	385	201
\$5,000 to \$9,999 ----- farms..	46	126	121	95	94	142	97
\$1,000..	338	940	922	706	668	1 040	691
\$10,000 to \$19,999 ----- farms..	96	191	171	173	131	173	119
\$1,000..	1 401	2 781	2 532	2 518	1 874	2 519	1 677
\$20,000 to \$24,999 ----- farms..	37	74	89	67	48	47	41
\$1,000..	826	1 654	1 996	1 506	1 079	1 038	936
\$25,000 to \$39,999 ----- farms..	96	152	165	163	109	92	81
\$1,000..	3 084	4 959	5 274	5 190	3 548	2 980	2 694
\$40,000 to \$49,999 ----- farms..	64	81	75	84	53	36	37
\$1,000..	2 897	3 648	3 366	3 735	2 340	1 615	1 195
\$50,000 to \$99,999 ----- farms..	178	383	288	268	179	109	98
\$1,000..	12 932	28 309	21 081	19 313	13 116	7 515	6 917
\$100,000 to \$249,999 ----- farms..	209	400	265	280	162	70	63
\$1,000..	31 781	61 751	41 462	42 809	26 208	10 658	9 824
\$250,000 to \$499,999 ----- farms..	54	86	72	46	40	16	9
\$1,000..	18 727	27 267	24 205	15 213	13 975	5 516	2 976
\$500,000 or more ----- farms..	21	16	21	23	13	-	8
\$1,000..	21 571	13 083	14 562	19 786	15 207	-	8 358
1982 value of sales <sup>1</sup> :							
Less than \$1,000 ----- farms..	17	36	35	22	72	49	43
\$1,000..	4	7	(D)	12	28	21	10
\$1,000 to \$2,499 ----- farms..	29	56	86	35	65	70	52
\$1,000..	46	93	147	61	106	124	87
\$2,500 to \$4,999 ----- farms..	33	91	63	52	66	98	58
\$1,000..	120	334	229	185	234	360	220
\$5,000 to \$9,999 ----- farms..	43	109	82	101	109	132	104
\$1,000..	325	798	588	748	795	976	790
\$10,000 to \$19,999 ----- farms..	90	168	138	171	142	164	135
\$1,000..	1 381	2 467	2 105	2 500	2 067	2 327	1 983
\$20,000 to \$24,999 ----- farms..	50	92	62	63	49	59	43
\$1,000..	1 117	2 074	1 393	1 413	1 099	1 319	967
\$25,000 to \$39,999 ----- farms..	128	167	179	221	122	116	88
\$1,000..	4 162	5 331	5 785	7 085	3 932	3 746	2 796
\$40,000 to \$49,999 ----- farms..	55	128	83	109	57	50	32
\$1,000..	2 453	5 735	3 705	4 816	2 534	2 254	1 427
\$50,000 to \$99,999 ----- farms..	266	413	366	381	246	118	110
\$1,000..	19 356	29 377	26 666	27 515	17 588	8 083	7 929
\$100,000 to \$249,999 ----- farms..	243	397	349	273	209	84	84
\$1,000..	37 287	58 643	55 538	40 256	31 785	12 701	13 147
\$250,000 to \$499,999 ----- farms..	66	57	103	62	57	12	17
\$1,000..	21 971	18 532	35 285	21 232	19 558	(D)	6 056
\$500,000 or more ----- farms..	25	11	23	21	14	2	3
\$1,000..	25 753	9 056	15 749	15 742	16 731	(D)	2 391
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms, 1987..	771	1 148	1 135	1 069	885	571	450
1982..	921	1 084	1 255	1 240	995	636	507
\$1,000, 1987..	45 068	24 381	42 915	43 007	48 826	10 271	11 225
1982..	51 948	25 196	64 062	(D)	58 083	14 739	12 865
Grains ----- farms, 1987..	765	1 075	1 101	1 048	827	515	396
1982..	901	1 015	1 240	1 227	949	603	464
\$1,000, 1987..	44 585	22 489	41 956	42 454	47 390	9 871	10 681
1982..	51 290	23 827	63 061	42 843	57 526	14 083	12 236
Corn for grain ----- farms, 1987..	720	990	1 014	938	739	401	294
1982..	783	969	1 159	963	825	429	299
\$1,000, 1987..	21 767	19 438	27 648	23 453	24 952	4 884	5 002
1982..	28 228	22 608	48 420	23 190	33 867	8 325	6 254
Wheat ----- farms, 1987..	-	7	31	7	-	26	13
1982..	2	14	27	7	9	76	42
\$1,000, 1987..	-	15	(D)	(D)	(D)	(D)	(D)
1982..	(D)	28	28	(D)	41	142	191
Soybeans ----- farms, 1987..	725	170	788	946	713	423	348
1982..	841	102	735	1 083	820	477	407
\$1,000, 1987..	22 640	2 215	13 954	18 274	22 277	4 897	5 604
1982..	22 747	837	14 246	18 422	23 433	5 566	5 741
Sorghum for grain ----- farms, 1987..	-	-	-	1	-	1	3
1982..	-	-	1	3	2	2	2
\$1,000, 1987..	-	-	-	(D)	-	(D)	17
1982..	-	-	(D)	(D)	(D)	(D)	(D)
Barley ----- farms, 1987..	-	4	-	-	-	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	-	(D)	-	-	-	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	63	407	213	240	76	54	14
1982..	142	259	203	354	106	54	23
\$1,000, 1987..	140	759	296	391	125	47	(D)
1982..	(D)	(D)	344	827	162	44	(D)
Other grains <sup>2</sup> ----- farms, 1987..	4	4	5	30	1	1	4
1982..	-	1	2	34	1	4	7
\$1,000, 1987..	38	(D)	(D)	320	(D)	(D)	27
1982..	-	(D)	(D)	248	(D)	(D)	26

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987--	1 452	753	593	1 689	609	1 510	985	1 012
----- farms, 1982--	1 481	815	652	1 708	714	1 641	1 097	1 168
----- \$1,000, 1987--	167 550	43 779	64 239	153 085	56 925	135 367	78 949	110 938
----- \$1,000, 1982--	153 387	57 886	78 289	135 863	70 747	146 466	87 316	130 341
Average per farm ----- dollars, 1987--	115 392	58 139	108 329	90 636	93 472	89 647	80 151	109 623
----- dollars, 1982--	103 570	71 026	120 076	79 428	99 085	89 254	79 595	111 593
1987 value of sales:								
Less than \$1,000 ----- farms--	37	38	17	43	9	34	44	16
----- \$1,000--	16	14	8	16	2	14	20	6
\$1,000 to \$2,499 ----- farms--	38	67	19	73	30	50	45	30
----- \$1,000--	64	113	29	124	48	82	76	47
\$2,500 to \$4,999 ----- farms--	44	55	28	72	19	44	45	26
----- \$1,000--	169	198	95	252	72	167	170	94
\$5,000 to \$9,999 ----- farms--	55	75	32	117	29	82	74	45
----- \$1,000--	403	560	229	829	206	607	520	320
\$10,000 to \$19,999 ----- farms--	108	117	81	150	51	166	125	73
----- \$1,000--	1 576	1 650	1 201	2 166	740	2 545	1 785	1 052
\$20,000 to \$24,999 ----- farms--	50	42	23	52	16	72	39	46
----- \$1,000--	1 117	937	520	1 141	364	1 583	864	1 034
\$25,000 to \$39,999 ----- farms--	109	89	58	170	55	200	112	129
----- \$1,000--	3 484	2 840	1 807	5 543	1 791	6 404	3 626	4 182
\$40,000 to \$49,999 ----- farms--	87	33	27	87	49	73	59	74
----- \$1,000--	3 899	1 508	1 208	3 912	2 184	3 283	2 690	3 332
\$50,000 to \$99,999 ----- farms--	296	111	135	400	158	333	198	239
----- \$1,000--	21 848	7 908	9 947	29 248	11 447	24 454	14 041	17 532
\$100,000 to \$249,999 ----- farms--	471	90	127	418	156	365	184	251
----- \$1,000--	73 006	14 168	19 551	63 896	23 500	57 105	28 118	39 250
\$250,000 to \$499,999 ----- farms--	132	32	32	87	31	70	50	63
----- \$1,000--	45 073	10 368	10 801	29 044	11 321	24 661	16 870	21 757
\$500,000 or more ----- farms--	25	4	14	20	6	21	10	20
----- \$1,000--	16 895	3 515	18 844	16 913	5 249	14 451	10 169	22 332
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms--	16	40	11	44	12	36	35	15
----- \$1,000--	8	16	(D)	(D)	2	(D)	(D)	4
\$1,000 to \$2,499 ----- farms--	36	70	19	59	18	58	57	33
----- \$1,000--	60	116	(D)	98	31	95	94	59
\$2,500 to \$4,999 ----- farms--	41	54	16	72	25	81	52	26
----- \$1,000--	149	199	56	253	94	297	191	102
\$5,000 to \$9,999 ----- farms--	61	68	35	98	31	102	86	46
----- \$1,000--	435	498	254	717	219	742	635	334
\$10,000 to \$19,999 ----- farms--	115	98	42	172	46	157	113	87
----- \$1,000--	1 687	1 479	839	2 454	685	2 300	1 654	1 380
\$20,000 to \$24,999 ----- farms--	47	38	27	79	14	74	51	36
----- \$1,000--	1 040	860	591	1 765	319	1 652	1 141	794
\$25,000 to \$39,999 ----- farms--	124	100	79	153	78	185	134	122
----- \$1,000--	4 006	3 240	2 541	4 980	2 557	5 878	4 314	3 979
\$40,000 to \$49,999 ----- farms--	85	54	37	120	49	89	69	90
----- \$1,000--	3 769	2 435	1 691	5 330	2 196	3 973	3 073	4 038
\$50,000 to \$99,999 ----- farms--	370	138	169	439	210	372	241	325
----- \$1,000--	27 487	9 707	12 118	31 770	15 282	26 436	17 303	24 077
\$100,000 to \$249,999 ----- farms--	467	122	153	398	183	377	197	306
----- \$1,000--	72 969	19 846	23 027	60 594	27 391	56 506	30 464	46 627
\$250,000 to \$499,999 ----- farms--	107	25	46	63	39	87	47	58
----- \$1,000--	34 346	8 153	16 135	21 294	12 961	29 720	15 559	19 162
\$500,000 or more ----- farms--	12	8	17	10	9	22	14	24
----- \$1,000--	7 431	11 336	21 153	6 301	9 009	18 690	12 810	29 786
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987--	1 008	632	509	901	535	1 182	838	872
----- farms, 1982--	993	668	579	866	632	1 256	947	1 022
----- \$1,000, 1987--	28 898	25 572	28 789	13 455	35 975	47 848	45 432	56 025
----- \$1,000, 1982--	34 561	37 625	33 323	15 467	42 394	47 553	51 012	64 281
Grains ----- farms, 1987--	952	613	488	805	527	1 148	821	865
----- farms, 1982--	943	650	566	774	629	1 212	933	1 014
----- \$1,000, 1987--	27 749	24 333	28 208	11 589	35 763	46 684	42 600	54 773
----- \$1,000, 1982--	33 614	36 701	32 503	14 100	42 276	46 095	46 693	62 917
Corn for grain ----- farms, 1987--	825	554	444	716	500	1 061	764	830
----- farms, 1982--	860	582	500	727	575	1 070	821	915
----- \$1,000, 1987--	21 480	14 297	14 280	10 073	17 840	31 745	23 833	30 932
----- \$1,000, 1982--	28 663	25 171	18 202	13 300	24 513	32 839	29 105	38 861
Wheat ----- farms, 1987--	17	42	5	9	1	10	4	3
----- farms, 1982--	5	82	1	11	6	16	6	3
----- \$1,000, 1987--	21	89	(D)	9	(D)	17	2	(D)
----- \$1,000, 1982--	(D)	272	(D)	(D)	(D)	(D)	25	(D)
Soybeans ----- farms, 1987--	469	520	463	101	502	770	738	798
----- farms, 1982--	340	523	509	49	593	771	829	916
----- \$1,000, 1987--	5 723	9 901	13 789	974	17 858	14 365	18 490	23 650
----- \$1,000, 1982--	4 648	10 932	14 090	473	17 682	12 835	17 274	23 481
Sorghum for grain ----- farms, 1987--	-	-	-	2	-	-	-	-
----- farms, 1982--	-	-	-	-	-	-	-	-
----- \$1,000, 1987--	-	-	-	(D)	-	-	-	(D)
----- \$1,000, 1982--	-	-	-	-	-	-	-	-
Barley ----- farms, 1987--	5	-	-	10	-	3	-	4
----- farms, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987--	8	-	-	11	-	2	-	5
----- \$1,000, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987--	252	38	60	269	27	299	125	91
----- farms, 1982--	182	40	101	199	56	281	185	167
----- \$1,000, 1987--	502	(D)	123	491	(D)	533	251	128
----- \$1,000, 1982--	283	(D)	195	271	(D)	387	289	(D)
Other grains <sup>2</sup> ----- farms, 1987--	9	2	2	6	1	7	7	6
----- farms, 1982--	1	2	2	1	-	1	-	19
----- \$1,000, 1987--	14	(D)	(D)	(D)	(D)	22	24	25
----- \$1,000, 1982--	(D)	(D)	(D)	(D)	-	(D)	-	317

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987..	719	948	1 037	960	1 026	1 052	1 065	1 024
----- farms, 1982..	771	1 054	1 135	1 105	1 158	1 176	1 208	1 192
----- \$1,000, 1987..	67 911	89 981	120 898	64 788	133 865	97 752	115 469	81 515
----- \$1,000, 1982..	70 257	106 260	120 734	76 955	151 257	115 130	133 094	85 100
Average per farm ----- dollars, 1987..	94 452	94 916	116 584	67 487	130 473	92 920	108 422	79 604
----- dollars, 1982..	91 125	100 816	106 374	69 643	130 619	97 900	110 177	71 393
1987 value of sales:								
Less than \$1,000 ----- farms..	24	27	24	32	28	18	28	19
----- \$1,000..	5	12	7	10	7	7	9	7
\$1,000 to \$2,499 ----- farms..	26	40	32	56	30	24	29	44
----- \$1,000..	43	65	49	95	48	43	47	69
\$2,500 to \$4,999 ----- farms..	37	36	24	53	41	36	39	60
----- \$1,000..	131	121	83	200	150	128	143	223
\$5,000 to \$9,999 ----- farms..	54	66	49	84	46	46	48	76
----- \$1,000..	398	464	385	605	347	355	321	548
\$10,000 to \$19,999 ----- farms..	83	74	88	148	96	90	106	115
----- \$1,000..	1 189	1 119	1 368	2 195	1 419	1 340	1 595	1 679
\$20,000 to \$24,999 ----- farms..	38	31	39	68	51	56	47	54
----- \$1,000..	849	694	868	1 524	1 145	1 283	1 041	1 213
\$25,000 to \$39,999 ----- farms..	87	124	137	114	98	127	124	118
----- \$1,000..	2 800	3 996	4 437	3 589	3 270	4 037	4 004	3 775
\$40,000 to \$49,999 ----- farms..	33	52	77	53	78	64	64	50
----- \$1,000..	1 470	2 295	3 472	2 350	3 491	2 841	2 814	2 241
\$50,000 to \$99,999 ----- farms..	154	207	226	173	236	246	214	236
----- \$1,000..	11 382	14 964	15 995	12 151	17 376	17 710	15 683	17 292
\$100,000 to \$249,999 ----- farms..	142	230	249	143	228	281	254	201
----- \$1,000..	20 906	35 620	37 833	22 159	34 736	43 929	39 548	29 798
\$250,000 to \$499,999 ----- farms..	32	44	62	27	52	54	85	35
----- \$1,000..	10 659	15 079	20 621	8 829	17 439	17 852	27 757	12 006
\$500,000 or more ----- farms..	9	17	30	9	42	10	27	16
----- \$1,000..	18 079	15 551	35 780	11 081	54 432	8 229	22 509	12 664
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms..	17	21	15	41	21	11	21	36
----- \$1,000..	5	9	5	(D)	7	(D)	(D)	12
\$1,000 to \$2,499 ----- farms..	29	30	32	51	34	30	43	45
----- \$1,000..	52	50	51	83	58	58	78	75
\$2,500 to \$4,999 ----- farms..	40	42	29	65	25	24	42	60
----- \$1,000..	143	159	107	221	86	89	150	215
\$5,000 to \$9,999 ----- farms..	50	61	46	105	45	24	73	100
----- \$1,000..	355	452	332	787	321	193	538	720
\$10,000 to \$19,999 ----- farms..	78	86	91	148	97	77	97	121
----- \$1,000..	1 122	1 298	1 386	2 195	1 472	1 155	1 404	1 735
\$20,000 to \$24,999 ----- farms..	39	38	52	52	44	62	62	39
----- \$1,000..	876	837	1 166	1 154	1 117	995	1 372	875
\$25,000 to \$39,999 ----- farms..	114	111	154	157	116	157	126	144
----- \$1,000..	3 659	3 621	5 028	5 110	3 689	5 187	4 174	4 658
\$40,000 to \$49,999 ----- farms..	49	68	89	59	87	87	70	72
----- \$1,000..	2 165	3 048	3 971	2 631	3 608	3 888	3 126	3 210
\$50,000 to \$99,999 ----- farms..	177	273	295	226	308	324	287	311
----- \$1,000..	13 127	19 791	20 678	16 020	22 074	23 152	21 243	22 477
\$100,000 to \$249,999 ----- farms..	145	254	229	152	271	311	274	212
----- \$1,000..	20 596	39 035	34 573	23 404	41 728	47 335	42 239	31 637
\$250,000 to \$499,999 ----- farms..	21	54	70	32	72	75	77	43
----- \$1,000..	6 980	18 036	23 431	10 188	24 810	24 447	28 486	13 956
\$500,000 or more ----- farms..	12	16	33	15	37	11	34	9
----- \$1,000..	21 175	19 924	30 005	15 104	52 286	8 599	29 993	5 531
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987..	619	821	895	748	915	944	914	882
----- farms, 1982..	663	929	966	878	1 028	1 060	1 015	1 027
----- \$1,000, 1987..	37 379	58 970	57 236	30 747	57 639	52 901	53 889	49 914
----- \$1,000, 1982..	38 588	65 450	(D)	32 851	67 458	62 051	59 098	53 164
Grains ----- farms, 1987..	606	808	886	726	904	934	891	859
----- farms, 1982..	655	916	958	843	1 017	1 050	996	998
----- \$1,000, 1987..	36 570	58 384	55 815	30 150	57 336	52 695	53 150	49 453
----- \$1,000, 1982..	37 247	64 759	59 861	31 140	67 266	61 620	58 491	52 304
Corn for grain ----- farms, 1987..	540	771	832	656	849	884	825	792
----- farms, 1982..	544	838	869	699	928	956	885	860
----- \$1,000, 1987..	16 643	28 551	31 292	16 192	30 098	29 208	29 512	27 284
----- \$1,000, 1982..	17 953	35 635	36 877	17 989	39 328	37 328	35 453	28 721
Wheat ----- farms, 1987..	19	5	5	5	2	1	-	30
----- farms, 1982..	61	5	1	10	3	2	-	146
----- \$1,000, 1987..	50	10	(D)	(D)	(D)	(D)	-	85
----- \$1,000, 1982..	193	(D)	(D)	(D)	(D)	(D)	(D)	624
Soybeans ----- farms, 1987..	576	781	826	642	839	871	819	782
----- farms, 1982..	627	862	858	712	942	969	873	900
----- \$1,000, 1987..	19 588	29 670	24 373	13 756	27 110	23 290	23 494	21 282
----- \$1,000, 1982..	18 812	28 820	22 679	12 707	27 705	24 052	22 706	22 178
Sorghum for grain ----- farms, 1987..	6	-	-	-	-	-	-	-
----- farms, 1982..	11	-	-	5	1	1	-	3
----- \$1,000, 1987..	32	-	-	-	-	-	-	-
----- \$1,000, 1982..	74	-	-	(D)	(D)	(D)	-	16
Barley ----- farms, 1987..	-	1	-	-	-	-	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	-	(D)	-	-	-	-	-	-
----- \$1,000, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	12	82	89	126	65	112	84	73
----- farms, 1982..	24	115	149	193	115	181	123	123
----- \$1,000, 1987..	26	146	127	193	81	166	(D)	110
----- \$1,000, 1982..	35	233	277	337	131	227	308	339
Other grains <sup>2</sup> ----- farms, 1987..	21	3	2	2	5	5	4	27
----- farms, 1982..	14	2	4	-	1	1	5	14
----- \$1,000, 1987..	232	(D)	(D)	(D)	(D)	(D)	(D)	692
----- \$1,000, 1982..	180	(D)	(D)	-	(D)	(D)	(D)	426

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987..	893	938	754	787	1 057	1 354	1 465	775
----- farms, 1982..	963	1 055	848	874	1 150	1 422	1 589	894
\$1,000, 1987..	55 693	66 773	77 786	80 294	91 299	93 723	119 686	44 126
----- farms, 1982..	72 834	70 388	88 363	88 454	106 795	91 759	135 838	53 290
Average per farm ----- dollars, 1987..	62 367	71 186	103 164	102 026	86 376	69 219	81 697	56 936
----- farms, 1982..	75 632	66 718	104 202	101 206	92 865	64 528	85 486	59 608
<b>1987 value of sales:</b>								
Less than \$1,000 ----- farms..	48	29	14	11	30	42	66	46
----- farms, \$1,000..	14	11	7	2	9	8	28	13
\$1,000 to \$2,499 ----- farms..	69	33	11	19	43	72	85	62
----- farms, \$1,000..	110	56	18	33	74	123	138	109
\$2,500 to \$4,999 ----- farms..	83	40	15	19	45	71	90	53
----- farms, \$1,000..	300	143	53	75	164	254	333	197
\$5,000 to \$9,999 ----- farms..	86	56	29	49	90	150	117	90
----- farms, \$1,000..	625	420	205	352	648	1 090	849	638
\$10,000 to \$19,999 ----- farms..	100	116	58	71	131	189	171	115
----- farms, \$1,000..	1 471	1 680	850	1 037	1 920	2 690	2 595	1 681
\$20,000 to \$24,999 ----- farms..	62	51	35	50	64	77	85	33
----- farms, \$1,000..	1 386	1 139	788	1 133	1 426	1 733	1 921	728
\$25,000 to \$39,999 ----- farms..	96	138	117	86	121	162	131	87
----- farms, \$1,000..	3 066	4 421	3 777	2 716	3 782	5 129	4 078	2 753
\$40,000 to \$49,999 ----- farms..	48	70	53	66	66	71	75	36
----- farms, \$1,000..	2 120	3 125	2 344	2 892	2 943	3 144	3 303	1 586
\$50,000 to \$99,999 ----- farms..	140	208	177	185	207	249	244	126
----- farms, \$1,000..	10 011	15 356	12 856	13 319	14 851	17 662	18 098	8 767
\$100,000 to \$249,999 ----- farms..	113	153	187	161	192	216	303	91
----- farms, \$1,000..	17 462	22 675	28 819	24 849	29 980	32 778	47 400	14 281
\$250,000 to \$499,999 ----- farms..	40	34	42	52	50	40	85	32
----- farms, \$1,000..	13 181	10 103	13 709	18 131	16 373	13 402	28 023	10 941
\$500,000 or more ----- farms..	8	10	16	18	18	15	13	4
----- farms, \$1,000..	5 949	7 644	14 359	15 756	19 128	15 710	12 920	2 433
<b>1982 value of sales<sup>1</sup>:</b>								
Less than \$1,000 ----- farms..	26	20	9	18	26	40	45	33
----- farms, \$1,000..	(D)	8	5	2	(D)	17	(D)	(D)
\$1,000 to \$2,499 ----- farms..	67	17	17	23	45	68	70	44
----- farms, \$1,000..	116	31	27	37	78	114	111	70
\$2,500 to \$4,999 ----- farms..	77	47	10	17	37	66	86	70
----- farms, \$1,000..	284	174	38	65	138	246	305	235
\$5,000 to \$9,999 ----- farms..	80	83	33	39	74	110	114	93
----- farms, \$1,000..	570	628	243	280	559	788	844	663
\$10,000 to \$19,999 ----- farms..	111	121	64	72	137	201	179	111
----- farms, \$1,000..	1 674	1 740	986	1 095	2 035	2 965	2 649	1 567
\$20,000 to \$24,999 ----- farms..	43	55	36	36	38	85	66	64
----- farms, \$1,000..	968	1 228	802	803	859	1 883	1 469	1 427
\$25,000 to \$39,999 ----- farms..	103	159	99	96	144	168	168	105
----- farms, \$1,000..	3 340	5 069	3 261	3 051	4 621	5 320	5 417	3 402
\$40,000 to \$49,999 ----- farms..	44	90	75	50	74	105	92	52
----- farms, \$1,000..	2 000	3 975	3 320	2 261	3 329	4 660	4 087	2 304
\$50,000 to \$99,999 ----- farms..	176	256	215	237	255	310	314	156
----- farms, \$1,000..	12 636	18 356	15 683	17 002	17 867	21 934	22 974	11 367
\$100,000 to \$249,999 ----- farms..	183	173	226	215	248	215	348	132
----- farms, \$1,000..	28 714	24 909	34 234	32 189	39 213	32 113	54 117	20 093
\$250,000 to \$499,999 ----- farms..	41	27	46	51	58	45	85	29
----- farms, \$1,000..	14 005	9 065	16 101	16 801	19 430	14 702	27 442	9 691
\$500,000 or more ----- farms..	11	7	18	20	13	9	21	4
----- farms, \$1,000..	8 471	5 205	13 665	14 867	18 607	7 019	16 344	2 454
<b>Sales by commodity or commodity group:</b>								
Crops, including nursery and greenhouse crops ----- farms, 1987..	695	764	686	658	846	855	1 150	586
----- farms, 1982..	779	848	772	726	899	865	1 276	700
\$1,000, 1987..	23 101	28 518	45 287	29 682	34 158	14 618	50 678	20 574
----- farms, 1982..	34 778	30 002	51 722	(D)	37 126	20 063	55 025	26 358
Grains ----- farms, 1987..	674	745	685	653	821	806	1 100	560
----- farms, 1982..	760	829	768	721	862	822	1 245	681
\$1,000, 1987..	22 838	27 869	44 895	29 448	33 483	13 532	49 873	20 126
----- farms, 1982..	34 456	29 468	51 521	30 204	36 374	19 062	54 006	25 855
Corn for grain ----- farms, 1987..	586	663	649	578	720	723	997	469
----- farms, 1982..	686	705	701	564	763	777	1 050	560
\$1,000, 1987..	13 495	15 869	21 366	16 267	23 120	11 147	28 199	10 038
----- farms, 1982..	23 566	18 824	29 028	17 135	27 584	17 041	32 763	15 619
Wheat ----- farms, 1987..	21	5	1	7	10	35	5	27
----- farms, 1982..	57	7	3	3	14	16	9	66
\$1,000, 1987..	(D)	7	(D)	7	(D)	52	(D)	68
----- farms, 1982..	100	51	(D)	2	(D)	(D)	21	139
Soybeans ----- farms, 1987..	567	618	651	605	668	248	962	491
----- farms, 1982..	583	674	737	688	616	164	1 075	574
\$1,000, 1987..	9 231	11 675	23 337	12 911	10 002	1 942	21 259	9 889
----- farms, 1982..	10 717	10 265	22 293	12 641	8 378	1 727	20 756	9 985
Sorghum for grain ----- farms, 1987..	-	3	1	-	2	-	1	-
----- farms, 1982..	-	1	-	-	1	-	1	-
\$1,000, 1987..	-	(D)	(D)	-	(D)	-	(D)	-
----- farms, 1982..	-	(D)	(D)	-	(D)	-	(D)	-
Barley ----- farms, 1987..	-	1	-	3	-	2	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	-	(D)	-	(D)	-	(D)	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	54	182	72	80	195	233	219	60
----- farms, 1982..	77	213	76	154	186	280	290	84
\$1,000, 1987..	73	288	140	120	200	378	318	71
----- farms, 1982..	72	315	(D)	365	303	241	463	(D)
Other grains <sup>2</sup> ----- farms, 1987..	3	8	2	16	4	8	11	3
----- farms, 1982..	-	2	-	9	3	1	4	2
\$1,000, 1987..	(D)	17	(D)	35	35	(D)	91	61
----- farms, 1982..	-	(D)	(D)	61	66	(D)	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987--	1 356	1 161	1 036	1 718	989	1 690	634	690
----- farms, 1982--	1 508	1 307	1 193	1 885	1 060	1 810	699	769
----- \$1,000, 1987--	94 864	109 533	85 338	173 436	56 758	92 818	42 271	23 117
----- farms, 1982--	106 156	113 757	98 034	202 307	64 933	104 388	57 699	27 495
Average per farm ----- dollars, 1987--	69 959	94 343	82 373	100 952	57 389	54 922	66 674	33 503
----- farms, 1982--	70 395	87 036	82 175	107 324	61 258	57 673	82 545	35 755
1987 value of sales:								
Less than \$1,000 ----- farms--	95	32	25	14	75	105	11	63
----- \$1,000--	33	11	8	6	29	35	6	17
----- farms--	76	61	67	30	84	136	37	60
----- \$1,000--	132	101	114	56	144	223	63	101
\$2,500 to \$4,999 ----- farms--	103	50	73	26	91	158	31	84
----- \$1,000--	377	187	277	97	335	565	114	326
\$5,000 to \$9,999 ----- farms--	115	89	98	74	131	181	68	101
----- \$1,000--	826	673	711	552	955	1 293	507	728
\$10,000 to \$19,999 ----- farms--	174	135	111	119	143	257	76	103
----- \$1,000--	2 547	1 976	1 574	1 767	2 032	3 820	1 119	1 482
\$20,000 to \$24,999 ----- farms--	54	55	37	73	46	85	22	43
----- \$1,000--	1 210	1 224	808	1 659	1 032	1 870	487	971
\$25,000 to \$39,999 ----- farms--	129	120	87	225	88	206	72	67
----- \$1,000--	4 210	3 884	2 708	7 158	2 664	6 545	2 279	2 057
\$40,000 to \$49,999 ----- farms--	72	64	57	124	44	98	36	33
----- \$1,000--	3 160	2 897	2 571	5 528	2 012	4 349	1 594	1 479
\$50,000 to \$99,999 ----- farms--	268	227	191	465	126	212	138	67
----- \$1,000--	18 879	15 922	13 737	32 865	8 952	15 165	9 952	4 664
\$100,000 to \$249,999 ----- farms--	199	226	222	432	109	184	122	60
----- \$1,000--	30 579	34 440	33 574	65 457	17 347	29 473	18 149	8 410
\$250,000 to \$499,999 ----- farms--	49	74	52	109	40	62	18	9
----- \$1,000--	16 306	25 683	17 559	35 957	13 541	19 169	5 962	2 881
\$500,000 or more ----- farms--	22	28	16	27	12	6	3	-
----- \$1,000--	16 605	22 535	11 697	22 334	7 717	10 310	2 040	-
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms--	89	35	19	19	67	104	13	44
----- \$1,000--	31	11	5	7	28	37	(D)	(D)
----- farms--	78	44	55	32	73	129	26	58
----- \$1,000--	129	71	100	59	118	211	43	101
\$2,500 to \$4,999 ----- farms--	83	72	67	24	95	141	44	84
----- \$1,000--	287	267	249	79	354	515	160	308
\$5,000 to \$9,999 ----- farms--	123	78	100	63	99	179	55	113
----- \$1,000--	897	575	727	460	747	1 287	415	826
\$10,000 to \$19,999 ----- farms--	187	112	145	112	158	271	69	125
----- \$1,000--	2 738	1 650	2 115	1 788	2 355	3 989	1 008	1 831
\$20,000 to \$24,999 ----- farms--	65	53	52	68	46	101	25	45
----- \$1,000--	1 493	1 207	1 175	1 535	1 049	2 242	564	1 006
\$25,000 to \$39,999 ----- farms--	170	159	126	206	122	199	69	83
----- \$1,000--	5 511	5 178	4 045	6 770	3 828	6 388	2 161	2 674
\$40,000 to \$49,999 ----- farms--	71	86	69	171	42	116	44	48
----- \$1,000--	3 219	3 850	3 097	7 650	1 878	5 147	1 970	2 192
\$50,000 to \$99,999 ----- farms--	308	287	237	554	174	264	138	102
----- \$1,000--	21 540	20 803	17 274	40 228	12 336	18 894	10 004	7 529
\$100,000 to \$249,999 ----- farms--	265	291	259	485	133	242	181	57
----- \$1,000--	41 053	44 702	40 768	73 143	20 690	37 686	27 505	7 884
\$250,000 to \$499,999 ----- farms--	57	75	49	108	41	52	25	9
----- \$1,000--	20 274	25 065	16 780	35 857	13 798	16 413	8 122	2 849
\$500,000 or more ----- farms--	12	15	15	43	10	12	9	-
----- \$1,000--	8 984	10 376	11 700	34 731	7 751	11 580	5 672	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987--	997	841	828	1 568	777	1 341	543	406
----- farms, 1982--	1 105	948	940	1 702	844	1 441	601	486
----- \$1,000, 1987--	27 949	27 837	33 840	100 025	18 657	42 899	23 130	7 507
----- farms, 1982--	40 002	(D)	(D)	111 625	27 856	56 889	35 144	8 499
Grains ----- farms, 1987--	920	811	816	1 552	733	1 247	532	372
----- farms, 1982--	1 044	916	923	1 690	819	1 362	590	451
----- \$1,000, 1987--	26 660	27 168	33 414	99 463	17 813	40 124	22 047	7 216
----- farms, 1982--	39 014	38 029	38 604	111 045	26 875	54 590	33 828	8 093
Corn for grain ----- farms, 1987--	776	739	729	1 487	574	1 086	487	303
----- farms, 1982--	897	851	778	1 527	649	1 209	532	315
----- \$1,000, 1987--	15 907	18 257	20 212	50 674	8 341	22 783	12 847	3 850
----- farms, 1982--	27 699	29 087	25 762	63 622	14 708	35 215	22 833	4 579
Wheat ----- farms, 1987--	14	11	27	4	110	20	22	2
----- farms, 1982--	24	13	47	5	232	14	30	11
----- \$1,000, 1987--	43	(D)	(D)	(D)	148	(D)	(D)	(D)
----- farms, 1982--	(D)	70	105	11	412	57	113	49
Soybeans ----- farms, 1987--	703	525	705	1 489	643	943	450	295
----- farms, 1982--	692	507	717	1 604	705	1 028	461	359
----- \$1,000, 1987--	10 355	8 560	12 953	48 449	9 274	16 839	9 100	3 299
----- farms, 1982--	10 758	8 625	12 531	47 036	11 716	18 982	10 815	3 411
Sorghum for grain ----- farms, 1987--	4	-	1	1	5	4	-	-
----- farms, 1982--	2	1	-	-	-	-	-	-
----- \$1,000, 1987--	(D)	(D)	(D)	(D)	(D)	35	-	-
----- farms, 1982--	(D)	(D)	(D)	(D)	(D)	-	-	-
Barley ----- farms, 1987--	1	-	-	1	-	-	-	-
----- farms, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- farms, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987--	216	163	76	142	33	265	30	33
----- farms, 1982--	197	153	87	204	41	244	39	47
----- \$1,000, 1987--	340	330	116	202	32	425	33	(D)
----- farms, 1982--	265	229	99	331	(D)	321	54	54
Other grains <sup>2</sup> ----- farms, 1987--	4	6	6	17	1	6	5	-
----- farms, 1982--	17	3	6	2	2	7	11	-
----- \$1,000, 1987--	11	(D)	67	124	(D)	(D)	(D)	-
----- farms, 1982--	205	(D)	107	(D)	(D)	15	13	-

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987--	1 234	1 059	1 193	1 131	1 073	641	939	854
----- farms, 1982--	1 391	1 154	1 265	1 231	1 201	684	1 011	933
----- \$1,000, 1987--	135 613	57 338	111 789	63 716	90 288	55 111	96 194	75 040
----- \$1,000, 1982--	144 235	56 581	116 208	71 958	99 555	63 442	95 936	92 682
Average per farm ----- dollars, 1987--	109 897	54 144	93 704	56 336	84 146	85 976	102 443	87 869
----- dollars, 1982--	103 691	49 030	91 864	58 455	82 893	92 751	94 892	99 338
1987 value of sales:								
Less than \$1,000 ----- farms--	11	76	25	65	46	31	22	18
----- \$1,000--	3	24	7	27	16	7	7	7
\$1,000 to \$2,499 ----- farms--	29	86	39	93	56	31	39	29
----- \$1,000--	48	147	68	158	104	50	63	49
\$2,500 to \$4,999 ----- farms--	39	110	69	98	56	40	44	43
----- \$1,000--	136	407	250	360	214	151	154	163
\$5,000 to \$9,999 ----- farms--	50	155	109	136	76	58	68	65
----- \$1,000--	352	1 115	778	987	571	437	487	500
\$10,000 to \$19,999 ----- farms--	118	141	164	186	130	61	90	118
----- \$1,000--	1 794	2 076	2 373	2 662	1 904	897	1 313	1 733
\$20,000 to \$24,999 ----- farms--	62	44	63	41	51	27	32	37
----- \$1,000--	1 385	984	1 411	903	1 126	605	718	811
\$25,000 to \$39,999 ----- farms--	167	105	117	112	112	65	124	101
----- \$1,000--	5 409	3 342	3 754	3 564	4 093	2 026	3 904	3 216
\$40,000 to \$49,999 ----- farms--	84	56	55	43	53	36	44	43
----- \$1,000--	3 789	2 479	2 433	1 913	2 384	1 578	1 997	1 947
\$50,000 to \$99,999 ----- farms--	284	144	205	162	196	124	176	166
----- \$1,000--	20 500	9 863	14 750	11 562	13 978	9 133	12 662	11 817
\$100,000 to \$249,999 ----- farms--	279	119	251	150	199	128	217	188
----- \$1,000--	42 650	17 467	39 743	23 241	30 909	19 321	33 660	29 286
\$250,000 to \$499,999 ----- farms--	74	17	75	35	68	30	61	29
----- \$1,000--	25 274	5 630	24 131	10 843	21 677	10 221	20 936	9 526
\$500,000 or more ----- farms--	37	6	21	10	15	10	22	17
----- \$1,000--	34 273	13 805	22 092	7 496	13 314	10 685	20 292	15 985
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms--	12	58	23	70	41	33	28	26
----- \$1,000--	(D)	16	8	25	14	(D)	10	(D)
\$1,000 to \$2,499 ----- farms--	30	66	58	72	73	34	37	19
----- \$1,000--	49	114	100	127	117	58	62	34
\$2,500 to \$4,999 ----- farms--	44	118	59	127	61	27	40	32
----- \$1,000--	153	429	222	461	220	102	142	118
\$5,000 to \$9,999 ----- farms--	55	153	75	125	85	61	58	80
----- \$1,000--	399	1 142	534	921	601	442	449	586
\$10,000 to \$19,999 ----- farms--	95	169	141	153	123	63	101	90
----- \$1,000--	1 414	2 449	2 065	2 173	1 771	898	1 487	1 344
\$20,000 to \$24,999 ----- farms--	61	57	51	64	54	26	34	42
----- \$1,000--	1 361	1 275	1 131	1 418	1 198	573	755	936
\$25,000 to \$39,999 ----- farms--	196	137	140	120	137	68	123	96
----- \$1,000--	6 509	4 442	4 513	3 700	4 469	2 144	3 972	3 120
\$40,000 to \$49,999 ----- farms--	93	58	68	64	71	47	58	53
----- \$1,000--	4 132	2 596	3 050	2 881	3 219	2 153	2 614	2 364
\$50,000 to \$99,999 ----- farms--	373	192	250	206	238	142	231	216
----- \$1,000--	27 224	13 779	17 976	14 812	17 157	10 243	16 883	15 579
\$100,000 to \$249,999 ----- farms--	324	122	316	193	244	135	225	215
----- \$1,000--	49 027	17 995	49 634	28 397	38 107	20 656	35 061	33 698
\$250,000 to \$499,999 ----- farms--	80	18	67	30	56	31	58	47
----- \$1,000--	27 318	6 203	22 182	10 515	19 175	10 550	18 818	15 840
\$500,000 or more ----- farms--	27	6	17	7	18	15	18	15
----- \$1,000--	26 638	6 142	14 795	6 529	13 506	15 375	15 682	18 927
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987--	1 014	765	994	869	877	546	762	749
----- farms, 1982--	1 169	845	1 029	925	996	570	851	794
----- \$1,000, 1987--	38 781	21 353	35 848	26 309	49 698	31 630	33 922	43 192
----- \$1,000, 1982--	40 340	21 353	35 013	24 206	55 252	32 189	36 414	51 498
Grains ----- farms, 1987--	998	699	972	815	847	528	748	737
----- farms, 1982--	1 151	799	1 010	874	977	551	839	785
----- \$1,000, 1987--	38 076	20 657	34 725	24 098	48 111	31 368	33 326	42 737
----- \$1,000, 1982--	39 760	20 732	34 038	21 689	53 755	31 884	35 625	51 050
Corn for grain ----- farms, 1987--	870	611	803	684	776	471	672	695
----- farms, 1982--	925	604	776	642	868	444	704	685
----- \$1,000, 1987--	17 923	10 304	18 453	12 596	28 986	16 286	18 309	24 374
----- \$1,000, 1982--	20 130	11 171	17 944	11 565	34 761	16 442	20 860	31 796
Wheat ----- farms, 1987--	5	4	4	4	10	27	19	32
----- farms, 1982--	13	33	7	34	4	70	15	65
----- \$1,000, 1987--	(D)	(D)	(D)	(D)	(D)	56	(D)	83
----- \$1,000, 1982--	(D)	(D)	(D)	(D)	(D)	276	53	464
Soybeans ----- farms, 1987--	939	581	858	697	740	487	663	628
----- farms, 1982--	1 037	676	893	748	807	505	723	649
----- \$1,000, 1987--	19 741	10 190	16 052	11 330	18 889	14 872	14 535	17 550
----- \$1,000, 1982--	18 762	9 323	15 810	9 881	18 618	15 008	14 330	18 189
Sorghum for grain ----- farms, 1987--	-	-	-	-	-	1	-	2
----- farms, 1982--	1	3	1	1	-	1	2	4
----- \$1,000, 1987--	-	-	-	-	-	(D)	-	(D)
----- \$1,000, 1982--	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Barley ----- farms, 1987--	1	-	-	-	2	-	4	1
----- farms, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987--	(D)	-	-	-	(D)	-	(D)	(D)
----- \$1,000, 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987--	200	61	155	115	117	19	185	67
----- farms, 1982--	286	96	221	130	175	38	207	97
----- \$1,000, 1987--	400	143	211	150	159	(D)	371	130
----- \$1,000, 1982--	745	133	263	166	338	91	327	263
Other grains <sup>2</sup> ----- farms, 1987--	1	4	3	1	7	6	12	42
----- farms, 1982--	13	-	1	-	1	3	2	18
----- \$1,000, 1987--	(D)	(D)	(D)	(D)	53	83	78	567
----- \$1,000, 1982--	73	-	(D)	-	(D)	(D)	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Paio Alto	Plymouth
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987..	736	701	901	1 232	731	1 015	934	1 740
----- farms, 1982..	761	769	1 005	1 337	833	1 057	1 015	1 874
----- \$1,000, 1987..	27 469	54 168	54 308	156 715	74 371	72 822	91 667	183 614
----- \$1,000, 1982..	29 142	64 125	71 741	165 422	88 273	80 273	106 680	190 741
Average per farm ----- dollars, 1987..	37 322	77 273	60 275	127 204	101 739	71 746	98 145	105 525
----- dollars, 1982..	38 294	83 387	71 384	123 727	105 969	75 945	105 104	101 783
1987 value of sales:								
Less than \$1,000 ----- farms..	58	24	62	12	12	33	17	42
----- \$1,000..	17	12	22	5	3	9	8	9
\$1,000 to \$2,499 ----- farms..	45	29	74	30	18	44	22	58
----- \$1,000..	75	47	119	51	29	76	36	97
\$2,500 to \$4,999 ----- farms..	91	36	56	25	25	63	19	62
----- \$1,000..	331	137	203	87	90	228	66	231
\$5,000 to \$9,999 ----- farms..	105	53	97	54	16	107	45	107
----- \$1,000..	759	385	700	388	127	790	318	777
\$10,000 to \$19,999 ----- farms..	132	85	119	124	46	145	82	178
----- \$1,000..	1 899	1 288	1 828	1 830	659	2 100	1 226	2 585
\$20,000 to \$24,999 ----- farms..	37	31	37	47	39	64	39	77
----- \$1,000..	823	685	840	1 039	855	1 419	877	1 729
\$25,000 to \$39,999 ----- farms..	88	81	80	133	105	97	83	218
----- \$1,000..	2 783	2 633	2 559	4 311	3 351	2 995	2 615	6 957
\$40,000 to \$49,999 ----- farms..	35	43	60	83	61	65	67	99
----- \$1,000..	1 558	1 908	2 661	3 755	2 762	2 930	2 990	4 459
\$50,000 to \$99,999 ----- farms..	81	148	144	322	190	180	256	352
----- \$1,000..	5 595	10 876	10 421	22 899	13 576	13 200	19 113	25 838
\$100,000 to \$249,999 ----- farms..	51	141	135	297	166	180	230	396
----- \$1,000..	7 730	21 189	21 102	44 631	24 636	26 204	35 305	60 530
\$250,000 to \$499,999 ----- farms..	8	19	34	80	35	29	62	109
----- \$1,000..	2 489	6 033	10 804	26 657	11 530	10 345	21 270	38 449
\$500,000 or more ----- farms..	5	11	3	25	18	8	12	42
----- \$1,000..	3 411	8 976	3 049	51 063	16 754	12 527	7 844	41 943
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms..	41	21	45	12	11	17	13	44
----- \$1,000..	8	5	16	(D)	4	4	(D)	15
\$1,000 to \$2,499 ----- farms..	49	35	68	26	17	42	18	58
----- \$1,000..	83	56	116	43	25	73	32	103
\$2,500 to \$4,999 ----- farms..	82	39	58	28	24	63	16	37
----- \$1,000..	308	134	205	106	89	227	58	140
\$5,000 to \$9,999 ----- farms..	113	52	91	48	29	95	36	111
----- \$1,000..	806	364	678	362	236	725	259	828
\$10,000 to \$19,999 ----- farms..	139	90	109	115	51	141	63	156
----- \$1,000..	2 020	1 306	1 639	1 716	784	2 078	972	2 288
\$20,000 to \$24,999 ----- farms..	46	35	52	49	29	54	37	76
----- \$1,000..	1 007	783	1 163	1 069	658	1 213	814	1 701
\$25,000 to \$39,999 ----- farms..	87	78	86	178	110	121	109	191
----- \$1,000..	2 766	2 520	2 795	5 785	3 551	3 847	3 445	6 153
\$40,000 to \$49,999 ----- farms..	32	41	48	98	70	78	78	112
----- \$1,000..	1 436	1 848	2 173	4 415	3 023	3 132	3 462	5 009
\$50,000 to \$99,999 ----- farms..	99	182	203	343	244	239	281	498
----- \$1,000..	6 949	13 045	14 650	24 563	17 195	17 233	20 551	35 874
\$100,000 to \$249,999 ----- farms..	59	151	202	324	186	171	277	448
----- \$1,000..	8 963	22 540	30 852	49 396	27 501	25 193	42 512	68 490
\$250,000 to \$499,999 ----- farms..	13	37	34	80	43	33	73	108
----- \$1,000..	(D)	12 427	11 515	26 879	14 532	10 476	24 670	35 986
\$500,000 or more ----- farms..	1	8	9	34	21	11	13	35
----- \$1,000..	(D)	9 097	5 938	51 069	20 674	16 071	9 723	34 156
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987..	473	588	701	1 083	647	859	847	1 453
----- farms, 1982..	506	831	813	1 152	737	880	938	1 543
----- \$1,000, 1987..	7 045	28 679	24 833	52 958	35 059	36 881	52 681	54 527
----- \$1,000, 1982..	7 088	(D)	34 395	52 525	38 512	37 901	60 024	55 585
Grains ----- farms, 1987..	419	575	671	1 071	638	828	845	1 426
----- farms, 1982..	467	617	785	1 145	733	867	929	1 520
----- \$1,000, 1987..	6 545	26 274	22 851	52 628	34 543	29 428	52 383	53 527
----- \$1,000, 1982..	6 584	26 206	32 917	51 837	37 796	27 977	59 780	54 713
Corn for grain ----- farms, 1987..	318	517	579	978	585	718	797	1 222
----- farms, 1982..	315	490	707	973	627	640	838	1 197
----- \$1,000, 1987..	3 081	13 420	12 600	25 524	16 171	13 097	25 750	26 269
----- \$1,000, 1982..	3 652	12 999	21 782	27 332	19 884	13 063	34 105	29 055
Wheat ----- farms, 1987..	6	11	26	3	3	56	1	14
----- farms, 1982..	13	69	25	4	8	152	3	14
----- \$1,000, 1987..	9	(D)	56	4	(D)	123	(D)	34
----- \$1,000, 1982..	17	199	107	(D)	25	386	(D)	85
Soybeans ----- farms, 1987..	331	532	554	999	624	784	802	1 286
----- farms, 1982..	378	562	580	1 092	708	820	874	1 299
----- \$1,000, 1987..	3 363	12 744	10 020	26 852	18 184	16 006	26 386	26 213
----- \$1,000, 1982..	2 847	12 906	10 886	24 121	17 484	14 289	25 385	24 245
Sorghum for grain ----- farms, 1987..	-	-	1	-	-	1	1	-
----- farms, 1982..	5	-	1	-	-	3	1	1
----- \$1,000, 1987..	-	-	(D)	-	-	(D)	(D)	-
----- \$1,000, 1982..	26	-	(D)	-	-	(D)	(D)	(D)
Barley ----- farms, 1987..	1	-	2	-	-	-	-	-
----- farms, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	(D)	-	(D)	-	-	-	-	-
----- \$1,000, 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	25	38	94	161	97	41	88	304
----- farms, 1982..	36	62	94	194	170	80	126	420
----- \$1,000, 1987..	37	45	163	240	(D)	54	160	745
----- \$1,000, 1982..	41	(D)	132	351	376	101	259	1 247
Other grains <sup>2</sup> ----- farms, 1987..	2	2	9	3	6	5	5	26
----- farms, 1982..	-	2	8	4	4	2	2	16
----- \$1,000, 1987..	(D)	(D)	9	8	47	(D)	(D)	265
----- \$1,000, 1982..	-	(D)	(D)	(D)	27	(D)	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987 .....	987	1 001	1 652	1 047	701	1 035	973	1 177
----- farms, 1982 .....	1 105	1 110	1 828	1 152	776	1 146	1 097	1 317
\$1,000, 1987 .....	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
----- farms, 1982 .....	112 692	59 999	188 499	90 797	41 990	148 176	98 658	115 195
Average per farm ----- dollars, 1987 .....	95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
----- dollars, 1982 .....	101 983	54 053	103 118	78 817	54 111	129 298	89 934	87 468
1987 value of sales:								
Less than \$1,000 ----- farms .....	8	87	80	35	33	14	50	17
----- \$1,000 .....	3	25	26	9	7	6	17	5
\$1,000 to \$2,499 ----- farms .....	23	114	94	48	32	32	57	42
----- \$1,000 .....	41	194	156	84	53	49	93	72
\$2,500 to \$4,999 ----- farms .....	13	108	93	46	52	22	57	35
----- \$1,000 .....	48	389	335	166	204	83	207	140
\$5,000 to \$9,999 ----- farms .....	51	112	144	85	80	33	77	51
----- \$1,000 .....	372	786	1 050	625	567	224	544	384
\$10,000 to \$19,999 ----- farms .....	117	127	156	125	94	123	113	112
----- \$1,000 .....	1 720	1 778	2 257	1 810	1 360	1 799	1 649	1 738
\$20,000 to \$24,999 ----- farms .....	42	40	74	49	33	56	52	61
----- \$1,000 .....	945	883	1 656	1 081	755	1 242	1 161	1 364
\$25,000 to \$39,999 ----- farms .....	130	92	180	117	106	115	104	142
----- \$1,000 .....	4 201	2 889	5 805	3 691	3 370	3 677	3 273	4 560
\$40,000 to \$49,999 ----- farms .....	57	42	75	57	48	71	50	84
----- \$1,000 .....	2 531	1 891	3 377	2 537	2 118	3 166	2 219	3 766
\$50,000 to \$99,999 ----- farms .....	259	104	310	197	114	212	167	312
----- \$1,000 .....	18 553	7 244	22 805	14 151	8 298	15 419	11 699	22 651
\$100,000 to \$249,999 ----- farms .....	224	125	319	231	85	235	177	249
----- \$1,000 .....	34 271	19 468	49 550	35 470	13 244	35 799	27 963	38 030
\$250,000 to \$499,999 ----- farms .....	44	41	85	48	21	83	48	55
----- \$1,000 .....	15 472	13 923	31 965	15 630	6 680	28 574	15 632	17 763
\$500,000 or more ----- farms .....	19	9	32	9	3	39	21	17
----- \$1,000 .....	15 967	6 022	29 765	5 878	1 963	39 902	17 071	18 120
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms .....	7	78	78	33	23	12	49	11
----- \$1,000 .....	1	(D)	22	14	(D)	5	14	3
\$1,000 to \$2,499 ----- farms .....	19	102	92	37	31	34	55	31
----- \$1,000 .....	35	167	151	63	52	55	89	53
\$2,500 to \$4,999 ----- farms .....	13	105	93	60	45	18	55	44
----- \$1,000 .....	43	374	301	216	164	63	198	160
\$5,000 to \$9,999 ----- farms .....	39	119	148	67	75	39	77	72
----- \$1,000 .....	292	857	1 055	476	550	285	556	504
\$10,000 to \$19,999 ----- farms .....	74	149	180	136	119	102	108	111
----- \$1,000 .....	1 124	2 142	2 698	2 050	1 719	1 563	1 576	1 618
\$20,000 to \$24,999 ----- farms .....	40	57	80	61	48	60	50	61
----- \$1,000 .....	887	1 264	1 794	1 371	1 071	1 339	1 123	1 367
\$25,000 to \$39,999 ----- farms .....	130	99	177	117	112	133	103	167
----- \$1,000 .....	4 278	3 167	5 681	3 868	3 567	4 373	3 274	5 458
\$40,000 to \$49,999 ----- farms .....	88	57	108	79	65	67	43	108
----- \$1,000 .....	3 926	2 535	4 776	3 501	2 932	3 002	1 939	4 838
\$50,000 to \$99,999 ----- farms .....	348	161	353	252	143	284	227	356
----- \$1,000 .....	25 509	11 460	25 681	18 388	9 877	20 555	16 733	25 720
\$100,000 to \$249,999 ----- farms .....	258	145	368	252	98	273	247	287
----- \$1,000 .....	39 148	21 683	56 052	39 425	15 192	41 116	38 449	42 147
\$250,000 to \$499,999 ----- farms .....	69	29	106	50	12	77	68	54
----- \$1,000 .....	23 025	9 824	36 240	16 136	4 293	26 117	23 019	17 638
\$500,000 or more ----- farms .....	20	8	45	8	4	47	15	15
----- \$1,000 .....	14 423	5 952	54 018	5 290	2 481	49 704	11 688	15 689
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987 .....	921	772	1 352	842	502	921	806	996
----- farms, 1982 .....	1 028	885	1 476	947	602	992	884	1 106
\$1,000, 1987 .....	52 217	39 779	72 682	36 210	13 056	45 971	32 387	44 370
----- farms, 1982 .....	67 498	42 510	76 892	(D)	14 104	51 264	44 905	45 416
Grains ----- farms, 1987 .....	916	704	1 293	819	488	908	761	984
----- farms, 1982 .....	1 022	812	1 413	924	571	978	841	1 095
\$1,000, 1987 .....	51 986	36 589	69 962	35 578	12 703	45 376	30 120	43 676
----- farms, 1982 .....	67 141	40 505	74 455	41 329	13 360	50 396	43 119	44 828
Corn for grain ----- farms, 1987 .....	877	626	1 170	736	380	790	674	910
----- farms, 1982 .....	952	687	1 204	800	365	815	769	963
\$1,000, 1987 .....	26 384	19 598	38 743	19 414	5 691	21 321	21 073	25 558
----- farms, 1982 .....	37 205	24 267	42 992	25 117	5 745	26 594	34 380	27 329
Wheat ----- farms, 1987 .....	-	3	39	5	9	3	6	3
----- farms, 1982 .....	2	21	115	5	47	14	7	17
\$1,000, 1987 .....	-	(D)	123	19	(D)	7	(D)	(D)
----- farms, 1982 .....	(D)	68	472	14	114	(D)	7	92
Soybeans ----- farms, 1987 .....	876	606	1 125	731	439	867	601	881
----- farms, 1982 .....	983	692	1 214	809	531	904	532	944
\$1,000, 1987 .....	25 497	16 886	30 746	15 671	6 915	23 367	8 858	17 613
----- farms, 1982 .....	29 626	16 011	30 595	15 593	7 325	22 546	8 509	16 639
Sorghum for grain ----- farms, 1987 .....	-	-	1	-	1	-	-	-
----- farms, 1982 .....	-	5	-	-	5	3	-	-
\$1,000, 1987 .....	-	-	(D)	-	(D)	-	-	-
----- farms, 1982 .....	-	(D)	(D)	-	(D)	(D)	-	-
Barley ----- farms, 1987 .....	-	-	-	-	-	3	-	1
----- farms, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987 .....	-	-	-	-	-	(D)	-	(D)
----- farms, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987 .....	74	50	140	220	25	125	123	208
----- farms, 1982 .....	140	72	188	308	42	226	144	309
\$1,000, 1987 .....	(D)	73	315	417	61	(D)	169	382
----- farms, 1982 .....	227	117	(D)	602	75	485	224	663
Other grains <sup>2</sup> ----- farms, 1987 .....	2	2	7	6	3	42	1	15
----- farms, 1982 .....	1	1	1	3	1	44	-	21
\$1,000, 1987 .....	(D)	(D)	(D)	56	(D)	360	(D)	117
----- farms, 1982 .....	(D)	(D)	(D)	3	(D)	630	-	105

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987 .....	2 015	1 138	1 404	774	693	783	899	1 310
----- farms, 1982 .....	2 100	1 248	1 508	890	772	883	959	1 394
----- \$1,000, 1987 .....	348 597	101 788	105 643	40 437	39 630	32 952	35 435	54 969
----- \$1,000, 1982 .....	323 993	109 993	114 344	43 595	39 080	39 525	41 589	60 626
Average per farm ----- dollars, 1987 .....	173 001	89 445	75 244	52 244	57 186	42 084	39 416	41 961
----- dollars, 1982 .....	154 282	88 136	75 825	48 984	50 622	44 763	43 367	43 491
1987 value of sales:								
Less than \$1,000 ----- farms .....	19	45	42	33	49	61	103	127
----- \$1,000 farms .....	7	15	19	11	15	20	41	35
\$1,000 to \$2,499 ----- farms .....	40	61	66	37	47	55	93	136
----- \$1,000 farms .....	69	98	113	65	83	91	156	235
\$2,500 to \$4,999 ----- farms .....	74	57	79	50	50	56	96	143
----- \$1,000 farms .....	273	204	295	191	181	200	340	524
\$5,000 to \$9,999 ----- farms .....	102	90	102	90	87	121	115	212
----- \$1,000 farms .....	754	668	747	660	609	895	804	1 544
\$10,000 to \$19,999 ----- farms .....	210	164	189	134	96	151	156	182
----- \$1,000 farms .....	3 105	2 370	2 690	1 937	1 355	2 127	2 255	2 654
\$20,000 to \$24,999 ----- farms .....	85	56	48	54	36	36	37	56
----- \$1,000 farms .....	1 913	1 259	1 072	1 200	808	808	824	1 252
\$25,000 to \$39,999 ----- farms .....	221	113	144	90	79	75	73	122
----- \$1,000 farms .....	7 101	3 599	4 666	2 900	2 482	2 341	2 306	3 795
\$40,000 to \$49,999 ----- farms .....	98	54	83	32	25	36	36	52
----- \$1,000 farms .....	4 396	2 420	3 663	1 403	1 140	1 608	1 610	2 332
\$50,000 to \$99,999 ----- farms .....	379	212	307	143	129	105	86	133
----- \$1,000 farms .....	27 717	15 328	21 846	10 141	9 070	7 530	6 344	9 742
\$100,000 to \$249,999 ----- farms .....	477	200	272	95	80	73	84	107
----- \$1,000 farms .....	75 075	31 474	40 480	14 119	12 416	10 865	12 744	15 865
\$250,000 to \$499,999 ----- farms .....	174	65	57	15	13	10	17	30
----- \$1,000 farms .....	60 945	21 711	19 222	(D)	(D)	3 728	5 746	9 444
\$500,000 or more ----- farms .....	136	21	15	1	2	4	3	10
----- \$1,000 farms .....	167 242	22 643	10 830	(D)	(D)	2 740	2 266	7 548
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms .....	27	36	42	22	35	47	73	100
----- \$1,000 farms .....	7	10	13	(D)	11	(D)	29	36
\$1,000 to \$2,499 ----- farms .....	33	78	61	38	49	58	87	140
----- \$1,000 farms .....	54	133	100	65	87	99	149	236
\$2,500 to \$4,999 ----- farms .....	46	52	74	59	53	76	106	162
----- \$1,000 farms .....	170	191	272	226	207	284	396	581
\$5,000 to \$9,999 ----- farms .....	90	97	101	110	97	121	138	209
----- \$1,000 farms .....	649	709	742	779	743	862	982	1 493
\$10,000 to \$19,999 ----- farms .....	164	107	181	145	112	133	151	207
----- \$1,000 farms .....	2 508	1 589	2 674	2 160	1 638	1 924	2 186	2 899
\$20,000 to \$24,999 ----- farms .....	90	66	72	49	64	44	48	54
----- \$1,000 farms .....	1 989	1 474	1 608	1 085	1 456	992	1 095	1 204
\$25,000 to \$39,999 ----- farms .....	219	136	155	121	89	105	73	129
----- \$1,000 farms .....	7 015	4 399	4 965	3 929	2 817	3 363	2 334	4 004
\$40,000 to \$49,999 ----- farms .....	125	67	107	59	32	53	38	60
----- \$1,000 farms .....	5 617	3 002	4 830	2 622	1 441	2 331	1 698	2 675
\$50,000 to \$99,999 ----- farms .....	466	256	316	174	128	144	121	162
----- \$1,000 farms .....	33 572	18 792	22 789	12 039	9 006	10 263	8 898	11 558
\$100,000 to \$249,999 ----- farms .....	531	266	332	99	86	94	94	134
----- \$1,000 farms .....	81 778	40 001	50 054	14 251	14 885	12 857	13 705	20 326
\$250,000 to \$499,999 ----- farms .....	185	60	56	10	10	11	29	30
----- \$1,000 farms .....	65 540	19 889	18 165	3 541	3 331	3 907	(D)	10 152
\$500,000 or more ----- farms .....	124	24	11	3	6	4	1	7
----- \$1,000 farms .....	125 094	19 468	8 152	2 893	3 457	2 561	(D)	5 462
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms, 1987 .....	1 531	957	1 161	628	521	588	612	894
----- farms, 1982 .....	1 578	1 062	1 245	726	588	679	721	983
----- \$1,000, 1987 .....	55 150	55 294	54 800	18 395	13 081	13 637	17 003	23 179
----- \$1,000, 1982 .....	52 214	66 947	57 353	17 603	(D)	17 377	(D)	23 544
Grains ----- farms, 1987 .....	1 505	926	1 137	605	488	554	529	800
----- farms, 1982 .....	1 544	1 024	1 221	709	559	645	654	900
----- \$1,000, 1987 .....	52 804	53 615	54 073	17 974	12 688	13 079	16 387	22 284
----- \$1,000, 1982 .....	50 609	65 636	56 494	17 141	12 488	17 060	20 184	22 439
Corn for grain ----- farms, 1987 .....	1 251	840	1 046	491	409	426	432	670
----- farms, 1982 .....	1 176	902	1 066	475	383	505	515	659
----- \$1,000, 1987 .....	27 713	27 893	31 675	8 598	6 556	6 283	8 117	12 025
----- \$1,000, 1982 .....	27 891	37 812	36 039	7 943	7 040	9 328	11 866	12 767
Wheat ----- farms, 1987 .....	7	6	6	24	8	33	4	9
----- farms, 1982 .....	10	7	8	99	39	125	27	40
----- \$1,000, 1987 .....	21	(D)	10	57	(D)	48	(D)	(D)
----- \$1,000, 1982 .....	(D)	(D)	(D)	270	175	247	116	96
Soybeans ----- farms, 1987 .....	1 339	848	986	559	424	504	469	638
----- farms, 1982 .....	1 295	924	1 070	658	471	537	530	726
----- \$1,000, 1987 .....	24 541	25 619	22 167	9 243	6 013	6 713	8 221	10 036
----- \$1,000, 1982 .....	21 564	26 245	19 898	8 825	5 109	7 453	8 156	9 491
Sorghum for grain ----- farms, 1987 .....	-	-	-	2	3	-	1	1
----- farms, 1982 .....	-	-	-	2	1	-	-	-
----- \$1,000, 1987 .....	-	-	-	(D)	-	-	(D)	(D)
----- \$1,000, 1982 .....	-	-	(D)	(D)	(D)	(D)	-	-
Barley ----- farms, 1987 .....	-	-	2	-	1	-	-	1
----- farms, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987 .....	-	-	(D)	-	(D)	-	-	(D)
----- \$1,000, 1982 .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987 .....	248	43	181	39	52	29	44	69
----- farms, 1982 .....	387	78	296	64	120	40	41	91
----- \$1,000, 1987 .....	506	72	214	66	62	(D)	33	66
----- \$1,000, 1982 .....	1 017	134	457	80	(D)	(D)	(D)	(D)
Other grains <sup>2</sup> ----- farms, 1987 .....	6	4	1	3	4	2	1	5
----- farms, 1982 .....	16	5	5	1	1	-	2	2
----- \$1,000, 1987 .....	23	(D)	(D)	(D)	35	(D)	(D)	49
----- \$1,000, 1982 .....	(D)	(D)	56	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshek	Woodbury	Worth	Wright
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- farms, 1987..	1 158	743	1 235	742	1 633	1 360	667	882
1982..	1 238	824	1 357	847	1 724	1 579	798	1 009
\$1,000, 1987..	113 286	34 630	112 144	57 541	120 561	127 445	56 004	85 033
1982..	134 252	39 027	124 776	67 561	117 583	146 119	68 431	108 508
Average per farm ----- dollars, 1987..	97 829	46 608	90 805	77 548	73 828	93 709	83 964	96 409
1982..	108 443	47 363	91 950	79 765	68 204	92 539	85 754	107 540
1987 value of sales:								
Less than \$1,000 ----- farms..	20	45	33	15	51	59	16	8
\$1,000..	6	15	10	6	16	18	6	2
\$1,000 to \$2,499 ----- farms..	45	47	49	24	64	78	29	23
\$1,000..	79	79	87	40	110	126	51	36
\$2,500 to \$4,999 ----- farms..	63	65	41	28	85	75	36	18
\$1,000..	244	242	150	103	300	279	131	68
\$5,000 to \$9,999 ----- farms..	99	74	78	40	125	127	46	37
\$1,000..	711	554	558	304	926	903	336	282
\$10,000 to \$19,999 ----- farms..	123	110	132	85	214	142	59	89
\$1,000..	1 799	1 582	1 990	1 273	3 138	2 081	840	1 347
\$20,000 to \$24,999 ----- farms..	58	49	49	25	77	63	28	40
\$1,000..	1 288	1 091	1 092	562	1 709	1 427	636	898
\$25,000 to \$39,999 ----- farms..	109	112	166	87	167	159	68	91
\$1,000..	3 405	3 530	5 318	2 703	5 402	5 141	2 106	2 949
\$40,000 to \$49,999 ----- farms..	58	42	93	50	100	85	34	56
\$1,000..	2 580	1 850	4 135	2 242	4 510	3 781	1 553	2 499
\$50,000 to \$99,999 ----- farms..	229	110	261	190	330	226	159	234
\$1,000..	16 494	7 698	18 824	13 101	24 136	16 013	11 260	17 002
\$100,000 to \$249,999 ----- farms..	255	73	271	165	358	257	156	222
\$1,000..	40 442	10 656	40 887	25 618	53 412	39 707	23 684	33 280
\$250,000 to \$499,999 ----- farms..	71	13	48	30	50	64	31	50
\$1,000..	24 233	4 621	15 815	9 526	16 170	20 963	10 137	16 542
\$500,000 or more ----- farms..	28	3	14	3	12	25	5	14
\$1,000..	22 005	2 712	23 280	2 063	10 732	37 006	5 263	10 126
1982 value of sales <sup>1</sup> :								
Less than \$1,000 ----- farms..	23	27	32	19	30	59	19	8
\$1,000..	9	(D)	11	9	8	(D)	8	2
\$1,000 to \$2,499 ----- farms..	63	32	56	22	57	74	37	23
\$1,000..	100	(D)	98	37	93	121	62	40
\$2,500 to \$4,999 ----- farms..	48	54	41	30	83	93	31	20
\$1,000..	169	193	146	112	317	335	111	77
\$5,000 to \$9,999 ----- farms..	84	94	82	45	105	125	48	31
\$1,000..	602	671	611	320	750	898	354	228
\$10,000 to \$19,999 ----- farms..	108	135	112	81	200	187	74	67
\$1,000..	1 594	1 976	1 674	1 173	2 985	2 748	1 096	992
\$20,000 to \$24,999 ----- farms..	47	45	59	47	84	65	45	32
\$1,000..	1 052	1 002	1 329	1 040	1 887	1 442	989	724
\$25,000 to \$39,999 ----- farms..	113	127	159	92	211	167	93	103
\$1,000..	3 665	3 970	5 243	2 954	6 794	5 403	3 091	3 300
\$40,000 to \$49,999 ----- farms..	66	55	102	68	135	103	43	66
\$1,000..	2 985	2 503	4 511	3 033	6 026	4 584	1 920	2 949
\$50,000 to \$99,999 ----- farms..	251	159	329	215	435	301	194	298
\$1,000..	18 278	11 009	23 720	15 983	31 866	21 752	14 207	21 836
\$100,000 to \$249,999 ----- farms..	315	78	297	185	345	286	176	270
\$1,000..	49 434	11 454	44 047	27 976	50 955	44 855	27 165	39 824
\$250,000 to \$499,999 ----- farms..	85	15	74	40	32	81	34	68
\$1,000..	29 180	2	25 141	13 217	10 195	27 428	11 420	22 243
\$500,000 or more ----- farms..	35	2	14	3	7	37	4	23
\$1,000..	27 183	(D)	18 244	2 306	5 706	36 510	8 008	16 293
<b>Sales by commodity or commodity group:</b>								
<b>Crops, including nursery and greenhouse crops</b>								
----- farms, 1987..	922	525	1 115	657	1 080	1 053	567	823
1982..	985	604	1 205	740	1 109	1 199	678	937
\$1,000, 1987..	33 116	14 430	71 872	36 616	21 110	47 787	32 006	58 762
1982..	44 444	15 090	82 686	43 867	20 563	56 865	38 910	73 453
Grains ----- farms, 1987..	895	497	1 095	635	1 009	1 002	555	820
1982..	958	568	1 180	727	1 023	1 149	673	930
\$1,000, 1987..	31 987	13 887	71 327	36 181	18 816	46 562	31 649	58 613
1982..	43 748	14 330	82 208	43 607	18 677	55 837	38 694	72 990
Corn for grain ----- farms, 1987..	745	415	1 027	595	890	520	207	773
1982..	796	416	1 082	640	904	966	609	871
\$1,000, 1987..	18 194	7 092	35 125	20 818	14 623	29 202	17 554	30 351
1982..	27 720	7 748	46 291	27 735	15 573	35 961	23 954	41 578
Wheat ----- farms, 1987..	46	17	3	2	3	14	-	2
1982..	52	41	2	2	8	14	3	2
\$1,000, 1987..	74	27	(D)	(D)	(D)	(D)	-	(D)
1982..	141	98	(D)	(D)	23	(D)	(D)	(D)
Soybeans ----- farms, 1987..	768	425	1 039	580	408	762	515	776
1982..	756	502	1 111	656	378	810	591	872
\$1,000, 1987..	13 558	6 747	36 091	15 206	3 590	16 385	13 955	28 136
1982..	15 679	6 439	35 656	15 703	2 719	18 240	14 559	31 237
Sorghum for grain ----- farms, 1987..	2	-	-	1	-	-	-	-
1982..	10	-	2	-	1	2	-	-
\$1,000, 1987..	(D)	-	-	(D)	-	-	-	-
1982..	(D)	-	(D)	-	(D)	(D)	-	-
Barley ----- farms, 1987..	-	1	-	-	17	1	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	-	-	-	-	26	(D)	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ----- farms, 1987..	121	24	56	83	338	162	82	61
1982..	137	45	101	111	272	270	124	90
\$1,000, 1987..	155	(D)	94	153	561	404	112	(D)
1982..	158	(D)	203	154	347	1 006	168	(D)
Other grains <sup>2</sup> ----- farms, 1987..	5	4	4	-	2	40	3	-
1982..	3	2	3	2	3	31	2	-
\$1,000, 1987..	(D)	-	(D)	-	(D)	522	28	-
1982..	(D)	(D)	(D)	(D)	(D)	514	(D)	-

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed .....	farms, 1987..	-	-	-	-	-	-
	1982..	-	-	-	-	-	-
	\$1,000, 1987..	-	-	-	-	-	-
	1982..	-	-	-	-	-	-
Tobacco .....	farms, 1987..	-	-	-	-	-	-
	1982..	-	-	-	-	-	-
	\$1,000, 1987..	-	-	-	-	-	-
	1982..	-	-	-	-	-	-
Hay, silage, and field seeds .....	farms, 1987..	12 947	110	91	193	174	114
	1982..	14 589	176	110	208	144	151
	\$1,000, 1987..	46 480	530	306	876	461	353
	1982..	57 638	(D)	425	(D)	724	518
Vegetables, sweet corn, and melons .....	farms, 1987..	596	1	1	5	1	3
	1982..	415	-	-	-	-	6
	\$1,000, 1987..	7 541	(D)	(D)	28	(D)	35
	1982..	4 267	-	-	-	-	8
Fruits, nuts, and berries .....	farms, 1987..	371	1	1	3	6	4
	1982..	280	1	-	1	-	2
	\$1,000, 1987..	2 853	(D)	(D)	(D)	(D)	(D)
	1982..	2 267	(D)	-	(D)	(D)	(D)
Nursery and greenhouse crops .....	farms, 1987..	357	1	2	4	1	2
	1982..	333	1	-	1	1	3
	\$1,000, 1987..	38 241	(D)	(D)	(D)	(D)	(D)
	1982..	34 954	(D)	-	(D)	(D)	(D)
Other crops .....	farms, 1987..	99	1	1	-	-	3
	1982..	74	-	-	-	1	1
	\$1,000, 1987..	1 678	(D)	(D)	-	-	(D)
	1982..	1 408	-	-	-	(D)	(D)
Livestock, poultry, and their products .....	farms, 1987..	72 438	801	534	970	696	625
	1982..	85 613	924	627	1 047	734	751
	\$1,000, 1987..	5 266 682	40 064	23 486	67 199	16 286	50 814
	1982..	5 685 846	44 283	31 255	66 348	(D)	63 082
Poultry and poultry products .....	farms, 1987..	3 643	36	17	19	18	45
	1982..	5 208	54	29	49	26	50
	\$1,000, 1987..	192 229	26	22	(D)	5	(D)
	1982..	164 052	(D)	(D)	(D)	(D)	653
Dairy products .....	farms, 1987..	7 048	28	9	436	24	14
	1982..	8 850	45	15	491	26	28
	\$1,000, 1987..	392 284	1 051	230	29 620	680	492
	1982..	426 730	1 377	491	28 957	923	946
Cattle and calves .....	farms, 1987..	50 509	679	471	878	664	421
	1982..	62 765	822	562	983	685	571
	\$1,000, 1987..	2 124 641	22 192	13 645	19 271	12 051	25 608
	1982..	2 500 175	23 897	17 915	17 904	9 742	34 965
Hogs and pigs .....	farms, 1987..	38 638	395	229	426	143	361
	1982..	49 012	543	335	484	209	476
	\$1,000, 1987..	2 494 231	16 454	9 332	17 951	3 207	23 803
	1982..	2 550 488	18 558	12 676	19 144	3 614	26 109
Sheep, lambs, and wool .....	farms, 1987..	8 922	98	40	87	92	68
	1982..	10 484	125	47	76	107	84
	\$1,000, 1987..	46 157	257	239	130	312	284
	1982..	26 703	370	103	78	257	330
Other livestock and livestock products (see text) .....	farms, 1987..	3 417	27	18	31	24	28
	1982..	3 705	35	30	32	21	19
	\$1,000, 1987..	17 139	85	18	(D)	31	(D)
	1982..	17 698	(D)	(D)	(D)	123	78
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....		50 200	416	272	113	236	390
Field crops, except cash grains (013) .....		1 451	6	10	23	46	2
Cotton (0131) .....		-	-	-	-	-	-
Tobacco (0132) .....		-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....		1 451	6	10	23	46	2
Vegetables and melons (016) .....		213	-	1	-	-	4
Fruits and tree nuts (017) .....		195	-	-	1	-	1
Horticultural specialties (018) .....		278	-	1	3	1	2
General farms, primarily crop (019) .....		1 039	10	9	11	20	9
Livestock, except dairy, poultry, and animal specialties (021) .....		43 979	507	373	517	553	416
Beef cattle, except feedlots (0212) .....		10 095	120	140	187	409	61
Dairy farms (024) .....		4 209	9	4	357	18	6
Poultry and eggs (025) .....		570	-	-	2	-	4
Animal specialties (027) .....		1 601	11	9	6	10	13
General farms, primarily livestock and animal specialties (029) .....		1 445	11	9	29	6	10

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed .....							
farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Tobacco .....							
farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Hay, silage, and field seeds .....							
farms, 1987..	146	107	155	131	72	155	70
1982..	150	139	186	156	78	198	90
\$1,000, 1987..	431	340	476	349	219	551	231
1982..	525	367	562	388	303	597	(D)
Vegetables, sweet corn, and melons .....							
farms, 1987..	20	4	8	14	5	9	1
1982..	19	7	7	12	2	8	-
\$1,000, 1987..	65	(D)	44	207	13	301	(D)
1982..	55	(D)	(D)	61	(D)	74	-
Fruits, nuts, and berries .....							
farms, 1987..	8	-	2	7	2	3	2
1982..	5	1	-	6	2	2	2
\$1,000, 1987..	(D)	-	(D)	(D)	(D)	(D)	(D)
1982..	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops .....							
farms, 1987..	11	6	1	3	3	1	-
1982..	10	6	3	-	2	3	-
\$1,000, 1987..	2 069	(D)	(D)	(D)	(D)	(D)	-
1982..	1 536	1 021	(D)	-	(D)	(D)	-
Other crops .....							
farms, 1987..	2	2	2	-	1	-	-
1982..	1	-	-	2	1	-	-
\$1,000, 1987..	(D)	(D)	(D)	-	(D)	-	-
1982..	(D)	-	-	(D)	(D)	-	-
Livestock, poultry, and their products .....							
farms, 1987..	738	544	770	937	654	940	517
1982..	853	719	938	1 025	775	1 159	703
\$1,000, 1987..	49 932	37 199	43 927	62 665	81 824	62 010	40 454
1982..	48 152	43 782	45 839	61 687	79 704	61 608	53 058
Poultry and poultry products .....							
farms, 1987..	52	32	46	81	54	67	25
1982..	59	44	84	88	60	93	33
\$1,000, 1987..	4 861	2 996	1 355	753	14 841	1 796	1 848
1982..	3 884	3 909	2 020	(D)	(D)	2 263	1 804
Dairy products .....							
farms, 1987..	81	13	242	248	13	110	3
1982..	116	21	297	262	11	166	10
\$1,000, 1987..	4 284	517	12 875	7 327	573	4 529	137
1982..	5 474	773	14 420	7 497	865	6 298	359
Cattle and calves .....							
farms, 1987..	413	318	543	646	242	562	247
1982..	552	445	687	718	380	750	403
\$1,000, 1987..	9 813	14 859	10 664	16 911	23 787	16 683	16 338
1982..	12 837	18 409	10 464	16 930	27 429	16 587	28 124
Hogs and pigs .....							
farms, 1987..	416	270	366	574	468	562	295
1982..	473	362	472	652	566	720	449
\$1,000, 1987..	30 363	18 559	18 688	37 214	42 058	38 444	21 710
1982..	25 585	20 459	18 698	35 592	41 111	35 972	22 318
Sheep, lambs, and wool .....							
farms, 1987..	102	95	91	114	86	144	93
1982..	122	116	117	102	76	168	118
\$1,000, 1987..	401	214	227	147	406	401	373
1982..	216	150	131	92	439	333	382
Other livestock and livestock products (see text) .....							
farms, 1987..	49	32	40	82	24	48	21
1982..	46	54	43	77	23	58	28
\$1,000, 1987..	210	54	118	314	158	157	49
1982..	155	82	106	(D)	(D)	155	71
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	715	674	502	624	643	613	728
Field crops, except cash grains (013) .....	17	21	17	7	3	13	5
Cotton (0131) .....	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	17	21	17	7	3	13	5
Vegetables and melons (016) .....	9	1	2	5	3	6	-
Fruits and tree nuts (017) .....	4	-	1	-	-	-	-
Horticultural specialties (018) .....	11	5	1	2	1	1	-
General farms, primarily crop (019) .....	12	7	14	15	6	12	2
Livestock, except dairy, poultry, and animal specialties (021) .....	386	284	366	504	395	531	238
Beef cattle, except feedlots (0212) .....	41	44	51	56	15	53	32
Dairy farms (024) .....	35	7	165	109	3	43	2
Poultry and eggs (025) .....	14	8	6	8	22	16	6
Animal specialties (027) .....	39	18	25	14	15	20	9
General farms, primarily livestock and animal specialties (029) .....	27	4	41	46	6	39	2

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ----- farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Tobacco ----- farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987..	140	117	132	83	106	154	132
1982..	177	135	147	93	119	142	122
\$1,000, 1987..	380	474	432	307	368	548	459
1982..	1 516	442	494	434	532	575	(D)
Vegetables, sweet corn, and melons ---- farms, 1987..	3	1	5	11	3	3	1
1982..	2	-	1	9	1	3	1
\$1,000, 1987..	11	(D)	28	(D)	(D)	11	(D)
1982..	(D)	-	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms, 1987..	1	1	6	6	-	4	1
1982..	1	2	2	2	-	2	-
\$1,000, 1987..	(D)	(D)	54	(D)	-	6	(D)
1982..	(D)	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops ----- farms, 1987..	2	2	2	3	1	3	4
1982..	2	3	2	4	2	-	1
\$1,000, 1987..	(D)	(D)	(D)	(D)	(D)	7	(D)
1982..	(D)	(D)	(D)	(D)	(D)	-	(D)
Other crops ----- farms, 1987..	1	-	3	2	-	-	-
1982..	-	-	-	2	1	-	-
\$1,000, 1987..	(D)	-	(D)	(D)	-	-	-
1982..	-	-	-	(D)	(D)	-	-
Livestock, poultry, and their products ----- farms, 1987..	973	687	854	502	761	747	575
1982..	1 134	863	988	668	940	889	650
\$1,000, 1987..	121 346	46 869	62 573	32 911	78 084	52 634	18 258
1982..	139 383	52 836	65 847	39 078	(D)	51 176	18 682
Poultry and poultry products ----- farms, 1987..	44	24	31	28	31	50	20
1982..	68	37	55	41	48	79	21
\$1,000, 1987..	95	(D)	122	1 730	(D)	546	15
1982..	(D)	(D)	(D)	1 505	(D)	983	(D)
Dairy products ----- farms, 1987..	20	20	35	24	45	163	6
1982..	34	41	63	18	47	189	12
\$1,000, 1987..	646	896	1 663	934	1 724	7 775	268
1982..	(D)	1 379	2 846	792	1 840	7 454	409
Cattle and calves ----- farms, 1987..	597	534	520	226	499	535	513
1982..	793	694	615	318	690	643	571
\$1,000, 1987..	67 065	28 169	20 473	5 684	39 977	19 660	9 629
1982..	91 858	30 968	21 454	8 285	56 014	17 822	10 379
Hogs and pigs ----- farms, 1987..	714	353	518	303	463	404	209
1982..	807	475	644	411	588	495	277
\$1,000, 1987..	52 683	17 465	39 699	24 288	34 361	23 635	8 132
1982..	45 250	19 769	40 855	28 266	35 501	24 042	7 688
Sheep, lambs, and wool ----- farms, 1987..	74	90	195	70	85	58	72
1982..	94	111	199	102	114	57	81
\$1,000, 1987..	(D)	227	544	120	614	(D)	157
1982..	184	215	331	130	435	65	92
Other livestock and livestock products (see text) ----- farms, 1987..	16	19	31	36	38	27	37
1982..	24	41	29	51	27	31	32
\$1,000, 1987..	(D)	(D)	73	155	(D)	(D)	57
1982..	(D)	(D)	(D)	100	(D)	810	(D)
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) -----	585	495	534	604	557	477	187
Field crops, except cash grains (013) -----	8	8	10	14	4	8	26
Cotton (0131) -----	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	8	8	10	14	4	8	26
Vegetables and melons (016) -----	1	-	-	-	1	1	1
Fruits and tree nuts (017) -----	1	-	4	2	-	1	-
Horticultural specialties (018) -----	2	2	1	2	1	1	2
General farms, primarily crop (019) -----	2	6	5	6	4	8	7
Livestock, except dairy, poultry, and animal specialties (021) -----	696	409	574	251	479	394	450
Beef cattle, except feedlots (0212) -----	48	86	69	24	55	66	215
Dairy farms (024) -----	5	8	16	11	15	94	3
Poultry and eggs (025) -----	2	1	3	8	2	7	-
Animal specialties (027) -----	11	7	13	27	12	20	14
General farms, primarily livestock and animal specialties (029) -----	6	6	10	4	16	43	7

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed .....							
farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Tobacco .....							
farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Hay, silage, and field seeds .....							
farms, 1987..	57	363	158	164	131	168	124
1982..	110	309	173	203	138	154	150
\$1,000, 1987..	210	1 795	483	550	281	389	437
1982..	473	1 314	566	883	300	615	600
Vegetables, sweet corn, and melons .....							
farms, 1987..	1	4	5	3	18	4	3
1982..	1	1	2	1	3	7	-
\$1,000, 1987..	(D)	(D)	25	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	(D)	4	-
Fruits, nuts, and berries .....							
farms, 1987..	1	6	7	-	7	3	7
1982..	1	3	2	1	1	4	2
\$1,000, 1987..	(D)	29	27	-	80	(D)	52
1982..	(D)	25	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops .....							
farms, 1987..	1	7	3	-	7	2	1
1982..	2	4	2	1	9	1	1
\$1,000, 1987..	(D)	61	(D)	-	819	(D)	(D)
1982..	(D)	(D)	(D)	(D)	244	(D)	(D)
Other crops .....							
farms, 1987..	1	2	1	1	1	1	2
1982..	1	1	1	2	-	1	-
\$1,000, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	-	(D)	-
Livestock, poultry, and their products .....							
farms, 1987..	516	1 486	1 029	1 052	587	742	564
1982..	899	1 591	1 172	1 280	741	818	629
\$1,000, 1987..	48 634	120 437	72 802	68 088	29 869	23 125	24 345
1982..	62 028	107 251	83 218	(D)	38 374	22 612	24 939
Poultry and poultry products .....							
farms, 1987..	26	53	52	48	32	34	13
1982..	25	80	68	100	37	50	21
\$1,000, 1987..	4 019	1 130	259	518	(D)	1 491	9
1982..	5 285	(D)	475	(D)	(D)	682	17
Dairy products .....							
farms, 1987..	10	682	59	41	9	83	15
1982..	23	758	88	70	10	99	18
\$1,000, 1987..	210	41 947	3 511	1 369	343	2 032	776
1982..	700	41 643	4 301	2 055	(D)	3 080	627
Cattle and calves .....							
farms, 1987..	274	1 287	688	791	397	637	498
1982..	444	1 447	808	1 039	517	708	573
\$1,000, 1987..	20 793	24 903	38 945	35 785	11 787	9 673	14 994
1982..	32 716	22 446	42 858	42 395	18 598	9 554	16 283
Hogs and pigs .....							
farms, 1987..	299	791	616	608	224	245	157
1982..	387	876	757	800	323	322	226
\$1,000, 1987..	22 439	52 187	29 631	29 247	12 417	9 235	8 403
1982..	22 653	41 541	35 303	32 031	14 054	8 431	7 870
Sheep, lambs, and wool .....							
farms, 1987..	87	83	121	93	72	179	44
1982..	101	78	131	136	127	232	47
\$1,000, 1987..	1 063	108	294	1 121	(D)	597	124
1982..	476	68	137	531	142	743	67
Other livestock and livestock products (see text) .....							
farms, 1987..	27	56	41	21	46	68	26
1982..	49	69	56	25	57	57	39
\$1,000, 1987..	110	161	162	49	543	97	40
1982..	197	(D)	144	56	437	122	75
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	569	280	659	601	676	251	178
Field crops, except cash grains (013) .....	4	37	19	7	34	40	28
Cotton (0131) .....	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	4	37	19	7	34	40	28
Vegetables and melons (016) .....	1	-	3	1	7	-	2
Fruits and tree nuts (017) .....	1	4	3	2	7	-	3
Horticultural specialties (018) .....	1	5	3	-	7	1	1
General farms, primarily crop (019) .....	8	37	8	12	12	29	17
Livestock, except dairy, poultry, and animal specialties (021) .....	261	748	665	675	290	527	454
Beef cattle, except feedlots (0212) .....	25	190	65	114	94	291	298
Dairy farms (024) .....	6	488	34	11	5	37	9
Poultry and eggs (025) .....	9	10	4	9	8	10	2
Animal specialties (027) .....	16	20	29	9	31	11	19
General farms, primarily livestock and animal specialties (029) .....	1	76	10	12	4	15	2

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987--	252	94	62	311	40	236	97	81
1982--	220	78	71	273	44	273	127	96
\$1,000, 1987--	1 052	339	389	1 515	194	991	335	221
1982--	900	423	595	1 127	115	1 293	592	761
Vegetables, sweet corn, and melons ----- farms, 1987--	3	4	4	6	-	13	3	8
1982--	-	7	6	12	1	3	3	11
\$1,000, 1987--	(D)	(D)	8	(D)	-	83	(D)	(D)
1982--	-	(D)	(D)	(D)	(D)	(D)	1	(D)
Fruits, nuts, and berries ----- farms, 1987--	5	4	-	12	2	3	1	-
1982--	2	6	3	9	1	3	2	1
\$1,000, 1987--	35	13	-	24	(D)	(D)	(D)	-
1982--	(D)	21	(D)	31	(D)	(Z)	(D)	(D)
Nursery and greenhouse crops ----- farms, 1987--	1	5	8	8	2	3	5	1
1982--	1	3	5	8	1	3	3	1
\$1,000, 1987--	(D)	(D)	184	334	(D)	(D)	(D)	(D)
1982--	(D)	(D)	202	177	(D)	(D)	(D)	(D)
Other crops ----- farms, 1987--	2	1	-	1	-	1	-	2
1982--	3	-	-	2	-	-	3	-
\$1,000, 1987--	(D)	(D)	-	(D)	-	(D)	-	(D)
1982--	11	-	-	(D)	-	-	(D)	-
Livestock, poultry, and their products ----- farms, 1987--	1 257	441	348	1 502	309	1 160	585	611
1982--	1 319	518	431	1 562	377	1 329	723	781
\$1,000, 1987--	138 652	18 206	35 451	139 630	20 950	87 519	33 517	54 914
1982--	118 825	20 261	44 966	120 196	28 353	98 913	36 304	66 060
Poultry and poultry products ----- farms, 1987--	45	15	23	58	24	45	32	48
1982--	72	38	29	86	34	75	35	62
\$1,000, 1987--	1 111	(D)	1 769	(D)	193	1 589	997	5 257
1982--	1 849	(D)	2 392	(D)	150	2 602	(D)	(D)
Dairy products ----- farms, 1987--	516	15	22	612	2	407	45	26
1982--	555	12	18	647	6	477	65	47
\$1,000, 1987--	32 549	1 137	1 146	46 212	(D)	25 100	1 613	927
1982--	30 027	767	926	41 150	173	25 345	2 425	1 568
Cattle and calves ----- farms, 1987--	923	315	191	1 263	165	884	350	272
1982--	1 031	363	281	1 368	229	1 075	450	417
\$1,000, 1987--	22 261	7 553	20 381	37 927	9 587	20 348	10 582	11 741
1982--	20 399	8 145	29 234	33 067	15 689	28 485	11 838	21 866
Hogs and pigs ----- farms, 1987--	930	174	179	892	182	611	311	400
1982--	1 004	250	242	982	222	731	377	516
\$1,000, 1987--	82 525	9 172	11 822	54 171	10 940	39 880	20 139	36 557
1982--	66 327	10 900	12 071	45 429	12 232	42 196	20 248	37 964
Sheep, lambs, and wool ----- farms, 1987--	78	63	63	63	39	105	65	82
1982--	78	74	74	79	43	104	113	112
\$1,000, 1987--	171	160	279	(D)	158	455	124	203
1982--	131	113	296	72	71	152	157	473
Other livestock and livestock products (see text) ----- farms, 1987--	26	35	16	52	21	49	45	26
1982--	33	24	12	42	20	43	40	37
\$1,000, 1987--	34	(D)	54	180	(D)	147	62	228
1982--	92	(D)	47	(D)	38	133	(D)	(D)
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	283	467	360	191	431	543	604	640
Field crops, except cash grains (013) -----	18	8	10	30	3	15	9	-
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	18	8	10	30	3	15	9	-
Vegetables and melons (016) -----	2	1	1	2	-	5	-	4
Fruits and tree nuts (017) -----	2	4	-	5	-	2	1	-
Horticultural specialties (018) -----	1	5	7	7	2	1	5	-
General farms, primarily crop (019) -----	18	5	2	26	3	15	10	3
Livestock, except dairy, poultry, and animal specialties (021) -----	781	235	181	894	156	576	295	325
Beef cattle, except feedlots (0212) -----	57	61	21	162	15	95	50	26
Dairy farms (024) -----	257	10	10	450	-	265	20	7
Poultry and eggs (025) -----	2	-	7	4	4	5	5	13
Animal specialties (027) -----	8	13	7	24	6	20	24	9
General farms, primarily livestock and animal specialties (029) -----	80	5	8	56	4	63	12	11

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987..	75	70	105	100	61	67	83	79
1982..	62	117	112	172	81	114	112	115
\$1,000, 1987..	238	234	1 382	287	237	193	274	209
1982..	196	374	636	741	(D)	363	330	615
Vegetables, sweet corn, and melons ----- farms, 1987..	4	5	2	1	2	1	9	6
1982..	2	4	2	3	-	-	7	4
\$1,000, 1987..	10	(D)	(D)	(D)	(D)	(D)	(D)	55
1982..	(D)	4	(D)	(D)	-	-	51	(D)
Fruits, nuts, and berries ----- farms, 1987..	3	2	1	4	-	2	5	9
1982..	3	1	1	7	-	1	3	9
\$1,000, 1987..	(D)	(D)	(D)	8	-	(D)	(D)	(D)
1982..	(D)	(D)	(D)	35	-	-	(D)	204
Nursery and greenhouse crops ----- farms, 1987..	2	2	-	4	3	1	4	3
1982..	2	2	1	4	1	2	4	-
\$1,000, 1987..	(D)	(D)	-	(D)	(D)	(D)	345	(D)
1982..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
Other crops ----- farms, 1987..	-	3	1	-	1	-	-	-
1982..	1	-	-	-	-	1	-	1
\$1,000, 1987..	-	(Z)	(D)	-	(D)	-	-	-
1982..	(D)	-	-	-	-	(D)	-	(D)
Livestock, poultry, and their products ----- farms, 1987..	397	478	653	703	515	577	671	621
1982..	482	650	769	844	663	731	815	822
\$1,000, 1987..	30 532	31 010	63 662	34 041	76 226	44 851	61 580	31 600
1982..	31 669	40 811	(D)	44 104	83 799	53 079	73 986	31 937
Poultry and poultry products ----- farms, 1987..	12	23	62	25	51	40	38	29
1982..	14	36	75	42	63	41	59	41
\$1,000, 1987..	14	116	(D)	106	31 558	(D)	1 958	20
1982..	10	616	(D)	(D)	25 097	1 082	(D)	34
Dairy products ----- farms, 1987..	7	-	35	14	5	28	17	18
1982..	4	4	58	20	6	54	20	36
\$1,000, 1987..	408	-	1 997	325	402	1 740	443	358
1982..	350	71	2 562	592	336	2 466	840	1 064
Cattle and calves ----- farms, 1987..	297	310	353	559	154	272	364	509
1982..	397	433	462	696	251	383	459	671
\$1,000, 1987..	20 154	12 391	29 779	16 397	10 534	12 386	16 562	18 857
1982..	23 173	21 832	23 833	24 070	21 109	16 008	31 407	15 510
Hogs and pigs ----- farms, 1987..	166	207	403	318	340	401	406	260
1982..	193	317	496	415	444	509	493	385
\$1,000, 1987..	9 875	17 974	29 918	17 018	32 318	28 671	42 300	12 240
1982..	8 015	17 685	31 341	17 657	35 871	33 051	39 074	15 179
Sheep, lambs, and wool ----- farms, 1987..	23	103	107	81	76	60	80	35
1982..	31	135	114	97	103	91	102	62
\$1,000, 1987..	65	458	402	176	212	207	137	96
1982..	95	442	577	141	176	268	188	122
Other livestock and livestock products (see text) ----- farms, 1987..	16	21	39	31	44	16	46	27
1982..	16	32	28	39	35	17	41	21
\$1,000, 1987..	17	71	(D)	19	1 202	(D)	181	29
1982..	25	165	60	(D)	1 210	203	(D)	27
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	499	716	624	476	708	699	636	668
Field crops, except cash grains (013) -----	4	2	4	8	6	4	1	9
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	4	2	4	8	6	4	1	9
Vegetables and melons (016) -----	2	1	-	-	-	-	-	1
Fruits and tree nuts (017) -----	2	2	-	2	-	1	4	4
Horticultural specialties (018) -----	2	2	-	4	2	1	4	3
General farms, primarily crop (019) -----	8	3	6	3	2	2	5	2
Livestock, except dairy, poultry, and animal specialties (021) -----	179	204	355	434	252	313	382	315
Beef cattle, except feedlots (0212) -----	48	50	31	181	25	20	44	99
Dairy farms (024) -----	2	-	20	4	-	18	2	4
Poultry and eggs (025) -----	-	2	5	3	27	4	5	2
Animal specialties (027) -----	16	15	13	16	27	4	19	6
General farms, primarily livestock and animal specialties (029) -----	5	1	10	10	2	6	7	10

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Tobacco----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987--	94	114	47	71	162	238	216	105
1982--	93	132	49	124	178	229	272	113
\$1,000, 1987--	217	303	304	234	612	994	655	282
1982--	273	510	141	(D)	716	950	883	333
Vegetables, sweet corn, and melons ----- farms, 1987--	3	1	1	-	3	4	12	5
1982--	2	2	1	-	1	5	8	1
\$1,000, 1987--	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
1982--	(D)	(D)	(D)	-	(D)	(D)	5	(D)
Fruits, nuts, and berries ----- farms, 1987--	4	-	-	-	2	7	13	-
1982--	3	2	1	-	2	5	9	2
\$1,000, 1987--	8	-	-	-	(D)	42	68	-
1982--	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops----- farms, 1987--	1	2	2	-	2	2	5	2
1982--	3	1	2	-	3	1	4	5
\$1,000, 1987--	(D)	(D)	(D)	-	(D)	(D)	44	(D)
1982--	(D)	(D)	(D)	-	(D)	(D)	94	(D)
Other crops ----- farms, 1987--	-	-	1	-	-	1	2	-
1982--	-	-	-	-	-	3	2	-
\$1,000, 1987--	-	-	(D)	-	-	(D)	(D)	-
1982--	-	-	-	-	-	(D)	(D)	-
Livestock, poultry, and their products ----- farms, 1987--	587	662	349	588	842	1 188	1 088	543
1982--	675	822	449	677	970	1 281	1 279	690
\$1,000, 1987--	32 592	38 255	32 499	50 612	57 141	79 105	69 007	23 552
1982--	38 056	40 386	36 641	(D)	69 669	71 696	80 812	26 932
Poultry and poultry products ----- farms, 1987--	46	35	14	20	34	59	52	17
1982--	59	58	33	35	63	75	63	33
\$1,000, 1987--	5 103	(D)	287	(D)	744	234	648	24
1982--	5 905	(D)	(D)	(D)	356	431	615	(D)
Dairy products ----- farms, 1987--	11	172	10	11	34	222	33	12
1982--	12	243	10	17	72	266	56	21
\$1,000, 1987--	395	7 883	456	500	1 750	11 395	1 909	973
1982--	572	10 623	634	987	2 881	10 813	4 028	1 233
Cattle and calves ----- farms, 1987--	378	495	149	410	643	1 056	778	407
1982--	461	648	209	537	768	1 139	992	551
\$1,000, 1987--	7 656	11 296	12 859	29 593	24 533	41 701	27 746	7 925
1982--	9 212	12 770	14 996	35 893	31 736	35 280	33 089	9 847
Hogs and pigs ----- farms, 1987--	275	366	219	347	462	581	510	255
1982--	365	461	305	408	615	683	687	345
\$1,000, 1987--	18 878	17 427	18 662	19 425	29 627	24 761	38 270	14 121
1982--	21 976	16 274	20 302	19 936	34 384	24 591	42 665	15 272
Sheep, lambs, and wool----- farms, 1987--	115	49	75	64	120	91	149	87
1982--	121	54	93	74	115	109	190	108
\$1,000, 1987--	376	334	205	(D)	350	184	359	371
1982--	276	95	173	164	210	125	271	232
Other livestock and livestock products (see text) ----- farms, 1987--	43	21	14	26	33	59	57	27
1982--	38	25	27	22	42	55	43	42
\$1,000, 1987--	184	(D)	30	298	138	829	75	139
1982--	115	(D)	(D)	(D)	101	456	144	(D)
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	413	428	559	365	406	236	707	349
Field crops, except cash grains (013) -----	14	9	2	4	8	25	19	18
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	14	9	2	4	8	25	19	18
Vegetables and melons (016) -----	-	-	-	-	1	1	7	-
Fruits and tree nuts (017) -----	1	-	-	-	-	5	7	4
Horticultural specialties (018) -----	1	2	1	-	1	2	3	2
General farms, primarily crop (019) -----	13	8	1	7	8	24	10	11
Livestock, except dairy, poultry, and animal specialties (021) -----	397	339	171	387	591	857	647	364
Beef cattle, except feedlots (0212) -----	117	49	9	38	122	243	135	112
Dairy farms (024) -----	7	107	3	5	18	151	11	7
Poultry and eggs (025) -----	19	5	5	2	4	4	8	-
Animal specialties (027) -----	19	3	6	13	7	26	33	17
General farms, primarily livestock and animal specialties (029) -----	9	37	6	4	13	23	13	3

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
\$1,000, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
\$1,000, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987 ..	223	162	116	116	123	242	48	105
1982 ..	255	155	148	145	138	209	57	121
\$1,000, 1987 ..	725	645	410	465	266	740	144	279
1982 ..	785	515	548	434	409	617	410	400
Vegetables, sweet corn, and melons ----- farms, 1987 ..	20	2	-	10	7	28	11	4
1982 ..	9	3	-	12	9	24	13	1
\$1,000, 1987 ..	(D)	(D)	-	97	88	446	412	12
1982 ..	(D)	(D)	-	(D)	139	131	403	(D)
Fruits, nuts, and berries ----- farms, 1987 ..	30	4	2	-	10	17	4	-
1982 ..	16	8	2	-	11	14	5	-
\$1,000, 1987 ..	152	(D)	(D)	-	(D)	147	(D)	-
1982 ..	101	7	(D)	-	57	105	(D)	-
Nursery and greenhouse crops ----- farms, 1987 ..	11	5	-	-	3	26	1	-
1982 ..	6	5	2	1	3	22	2	3
\$1,000, 1987 ..	190	20	-	-	363	1 418	(D)	-
1982 ..	72	(D)	(D)	(D)	(D)	1 438	(D)	(D)
Other crops ----- farms, 1987 ..	4	-	2	-	5	5	4	-
1982 ..	1	-	-	-	2	4	8	-
\$1,000, 1987 ..	(D)	-	(D)	-	(D)	24	391	-
1982 ..	(D)	-	-	-	(D)	7	458	-
Livestock, poultry, and their products ----- farms, 1987 ..	992	922	786	960	702	1 088	383	556
1982 ..	1 185	1 065	959	1 165	783	1 230	471	649
\$1,000, 1987 ..	66 915	81 695	51 497	73 411	38 101	49 919	19 141	15 610
1982 ..	66 154	(D)	(D)	90 681	37 077	47 499	22 555	18 997
Poultry and poultry products ----- farms, 1987 ..	111	36	42	78	30	54	17	13
1982 ..	141	59	41	105	50	74	26	27
\$1,000, 1987 ..	6 556	65	(D)	3 979	(D)	40	(D)	(D)
1982 ..	3 680	(D)	(D)	4 525	(D)	127	125	432
Dairy products ----- farms, 1987 ..	121	133	8	67	31	106	4	9
1982 ..	124	163	29	83	35	134	1	12
\$1,000, 1987 ..	4 761	7 119	424	3 324	2 449	4 976	278	757
1982 ..	4 111	7 025	737	3 378	2 727	5 891	(D)	637
Cattle and calves ----- farms, 1987 ..	697	698	529	437	534	780	230	505
1982 ..	809	820	656	591	608	892	304	598
\$1,000, 1987 ..	16 738	36 401	11 886	22 384	14 784	20 228	5 113	9 272
1982 ..	16 648	30 934	13 946	32 943	13 018	17 582	7 179	11 063
Hogs and pigs ----- farms, 1987 ..	594	534	486	647	285	508	228	142
1982 ..	747	648	658	816	363	611	295	240
\$1,000, 1987 ..	37 802	37 865	37 209	43 210	20 227	23 876	12 750	4 796
1982 ..	40 773	36 711	42 112	49 465	20 406	23 352	15 091	6 357
Sheep, lambs, and wool ----- farms, 1987 ..	197	97	126	138	91	178	60	82
1982 ..	252	109	151	173	105	201	68	83
\$1,000, 1987 ..	921	164	1 062	489	277	445	125	387
1982 ..	713	151	968	312	320	367	80	432
Other livestock and livestock products (see text) ----- farms, 1987 ..	63	39	44	24	38	65	21	39
1982 ..	85	38	45	37	50	63	24	31
\$1,000, 1987 ..	137	82	(D)	25	(D)	354	(D)	(D)
1982 ..	229	131	90	58	(D)	180	(D)	76
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	473	373	459	1 189	408	791	380	182
Field crops, except cash grains (013) -----	26	12	5	8	24	38	3	23
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	26	12	5	8	24	38	3	23
Vegetables and melons (016) -----	7	-	-	3	3	15	5	1
Fruits and tree nuts (017) -----	13	2	1	-	2	11	4	-
Horticultural specialties (018) -----	8	3	-	-	3	17	1	-
General farms, primarily crop (019) -----	20	9	11	2	12	29	5	24
Livestock, except dairy, poultry, and animal specialties (021) -----	688	631	533	460	489	659	223	429
Beef cattle, except feedlots (0212) -----	141	118	88	27	162	177	23	253
Dairy farms (024) -----	50	95	4	25	24	57	4	6
Poultry and eggs (025) -----	15	3	3	9	4	3	4	2
Animal specialties (027) -----	37	17	16	5	16	47	3	16
General farms, primarily livestock and animal specialties (029) -----	19	16	4	17	4	23	2	7

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed .....								
farms, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
\$1,000, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
Tobacco .....								
farms, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
\$1,000, 1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....								
farms, 1987 .....	163	190	154	158	132	57	99	73
1982 .....	146	175	192	229	169	76	124	91
\$1,000, 1987 .....	659	585	414	359	322	210	353	217
1982 .....	551	598	543	904	(D)	247	396	448
Vegetables, sweet corn, and melons .....								
farms, 1987 .....	9	4	5	10	8	7	9	2
1982 .....	6	1	8	5	2	6	6	-
\$1,000, 1987 .....	34	19	(D)	(D)	15	(D)	232	(D)
1982 .....	8	(D)	30	13	(D)	(D)	263	-
Fruits, nuts, and berries .....								
farms, 1987 .....	2	7	4	7	2	3	2	-
1982 .....	5	3	2	6	-	3	2	-
\$1,000, 1987 .....	(D)	77	(D)	90	(D)	2	(D)	-
1982 .....	10	(D)	(D)	59	-	(D)	(D)	-
Nursery and greenhouse crops .....								
farms, 1987 .....	3	3	3	9	8	4	3	-
1982 .....	4	1	5	7	8	4	5	-
\$1,000, 1987 .....	(D)	14	(D)	1 723	1 249	18	(D)	-
1982 .....	2	(D)	(D)	1 541	935	26	37	-
Other crops .....								
farms, 1987 .....	-	-	3	3	1	1	1	1
1982 .....	4	1	-	-	-	-	2	-
\$1,000, 1987 .....	-	-	(D)	(D)	(D)	(D)	(D)	(D)
1982 .....	10	(D)	-	-	-	-	(D)	-
Livestock, poultry, and their products .....								
farms, 1987 .....	956	816	886	817	676	363	660	453
1982 .....	1 143	948	1 019	956	819	462	732	560
\$1,000, 1987 .....	96 832	35 985	75 941	37 408	40 591	23 481	62 272	31 848
1982 .....	103 894	35 228	81 195	47 753	44 302	31 253	59 521	41 184
Poultry and poultry products .....								
farms, 1987 .....	54	32	43	42	32	13	59	15
1982 .....	81	38	74	66	40	15	70	25
\$1,000, 1987 .....	71	(D)	1 454	825	557	7	5 301	8
1982 .....	201	117	(D)	1 041	682	5	4 889	56
Dairy products .....								
farms, 1987 .....	127	5	40	36	14	3	106	6
1982 .....	178	14	56	62	21	7	128	16
\$1,000, 1987 .....	5 763	(D)	1 836	1 853	929	117	5 291	167
1982 .....	7 129	375	2 736	2 917	1 155	265	5 765	356
Cattle and calves .....								
farms, 1987 .....	688	697	610	585	471	272	371	335
1982 .....	905	784	747	737	598	351	454	430
\$1,000, 1987 .....	50 398	12 392	27 465	11 080	17 309	14 611	21 730	20 299
1982 .....	57 335	17 387	28 434	15 265	20 169	19 754	20 657	27 930
Hogs and pigs .....								
farms, 1987 .....	599	297	534	402	315	170	406	247
1982 .....	768	441	688	549	389	246	464	321
\$1,000, 1987 .....	39 883	12 792	44 745	23 307	21 256	8 627	29 681	11 173
1982 .....	38 757	16 901	48 316	28 181	21 938	11 109	27 903	12 647
Sheep, lambs, and wool .....								
farms, 1987 .....	105	104	106	95	108	36	72	46
1982 .....	117	125	108	86	131	36	90	58
\$1,000, 1987 .....	589	402	399	260	419	104	174	179
1982 .....	443	290	287	270	221	79	209	154
Other livestock and livestock products (see text) .....								
farms, 1987 .....	31	40	27	43	39	14	31	17
1982 .....	35	66	29	38	40	12	35	25
\$1,000, 1987 .....	128	72	42	83	120	15	95	22
1982 .....	30	158	(D)	79	138	42	99	40
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	513	442	506	474	610	408	424	547
Field crops, except cash grains (013) .....	4	40	8	22	11	8	5	9
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	4	40	8	22	11	8	5	9
Vegetables and melons (016) .....	4	3	1	2	1	6	4	1
Fruits and tree nuts (017) .....	-	7	-	7	1	2	2	-
Horticultural specialties (018) .....	1	2	2	8	8	1	2	-
General farms, primarily crop (019) .....	6	12	6	8	12	7	10	6
Livestock, except dairy, poultry, and animal specialties (021) .....	600	512	625	557	386	198	387	278
Beef cattle, except feedlots (0212) .....	80	240	97	167	86	51	41	69
Dairy farms (024) .....	58	1	18	19	7	-	55	2
Poultry and eggs (025) .....	3	3	9	5	8	-	20	-
Animal specialties (027) .....	17	30	8	20	22	9	8	6
General farms, primarily livestock and animal specialties (029) .....	28	7	10	9	7	2	22	5

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987..	136	96	97	105	89	122	53	203
1982..	131	109	123	148	101	129	72	224
\$1,000, 1987..	483	(D)	269	306	415	233	211	861
1982..	(D)	535	371	639	673	(D)	(D)	833
Vegetables, sweet corn, and melons ----- farms, 1987..	1	1	33	3	4	2	3	5
1982..	-	1	29	-	1	-	-	2
\$1,000, 1987..	(D)	(D)	1 198	(D)	(D)	(D)	(D)	(D)
1982..	-	(D)	699	-	(D)	-	-	(D)
Fruits, nuts, and berries ----- farms, 1987..	2	-	7	2	2	2	3	3
1982..	2	-	4	1	1	-	2	-
\$1,000, 1987..	(D)	-	9	(D)	(D)	(D)	2	6
1982..	(D)	-	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops ----- farms, 1987..	2	1	8	2	3	4	2	3
1982..	-	2	4	3	4	4	4	2
\$1,000, 1987..	(D)	(D)	268	(D)	(D)	(D)	(D)	(D)
1982..	-	(D)	(D)	(D)	(D)	(D)	-	(D)
Other crops ----- farms, 1987..	-	-	11	-	-	1	-	-
1982..	-	-	12	-	-	-	-	-
\$1,000, 1987..	-	-	237	-	-	(D)	-	-
1982..	-	-	271	-	-	-	-	-
Livestock, poultry, and their products ----- farms, 1987..	591	487	581	805	481	728	502	1 303
1982..	650	589	725	911	592	829	636	1 537
\$1,000, 1987..	20 424	25 489	29 474	103 757	39 312	35 941	38 987	129 086
1982..	22 053	(D)	37 346	112 898	49 760	42 372	46 656	135 157
Poultry and poultry products ----- farms, 1987..	15	21	36	37	30	31	27	65
1982..	21	35	41	53	46	41	33	84
\$1,000, 1987..	6	17	31	(D)	(D)	26	908	1 591
1982..	(D)	(D)	(D)	857	310	36	533	1 406
Dairy products ----- farms, 1987..	24	7	29	57	56	9	22	41
1982..	25	15	47	67	78	18	35	76
\$1,000, 1987..	963	397	2 182	1 969	2 055	451	870	2 209
1982..	1 199	601	2 605	2 419	2 051	457	1 044	3 887
Cattle and calves ----- farms, 1987..	532	378	381	406	307	611	225	798
1982..	589	486	476	550	396	713	273	1 101
\$1,000, 1987..	12 621	13 426	9 958	56 229	17 821	19 578	13 181	60 132
1982..	11 589	21 564	13 087	65 380	25 843	22 983	19 428	68 420
Hogs and pigs ----- farms, 1987..	163	250	289	574	271	332	370	897
1982..	254	303	421	616	376	436	438	1 093
\$1,000, 1987..	6 561	11 511	16 996	44 297	18 340	15 553	23 642	63 878
1982..	8 791	12 905	20 657	43 694	19 640	18 639	24 732	60 306
Sheep, lambs, and wool ----- farms, 1987..	75	44	106	100	60	57	59	124
1982..	79	54	102	118	76	56	77	139
\$1,000, 1987..	209	90	251	387	303	151	311	(D)
1982..	318	174	150	319	1 899	179	858	336
Other livestock and livestock products (see text) ----- farms, 1987..	33	13	45	20	6	38	14	35
1982..	29	21	34	29	15	34	20	43
\$1,000, 1987..	64	48	58	(D)	(D)	182	74	(D)
1982..	(D)	53	(D)	227	18	78	62	801
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	180	395	419	670	443	535	639	718
Field crops, except cash grains (013) -----	33	9	11	6	2	10	1	12
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	33	9	11	6	2	10	1	12
Vegetables and melons (016) -----	-	-	19	-	-	-	-	2
Fruits and tree nuts (017) -----	1	-	4	-	1	1	3	2
Horticultural specialties (018) -----	1	1	7	1	2	4	2	2
General farms, primarily crop (019) -----	17	7	18	8	3	13	5	11
Livestock, except dairy, poultry, and animal specialties (021) -----	465	274	363	486	231	425	255	926
Beef cattle, except feedlots (0212) -----	293	84	67	34	22	111	15	95
Dairy farms (024) -----	10	3	21	22	15	7	9	17
Poultry and eggs (025) -----	1	1	2	4	5	1	4	8
Animal specialties (027) -----	12	8	29	11	3	17	7	22
General farms, primarily livestock and animal specialties (029) -----	16	3	8	24	26	2	9	20

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-	-
1982--	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987--	54	106	191	161	93	86	127	136
1982--	84	137	236	222	162	148	128	144
\$1,000, 1987--	199	292	649	574	350	342	421	397
1982--	345	457	1 281	(D)	(D)	822	407	524
Vegetables, sweet corn, and melons ----- farms, 1987--	1	16	17	2	1	2	20	2
1982--	2	18	9	-	1	1	16	1
\$1,000, 1987--	(D)	272	(D)	(D)	(D)	(D)	216	(D)
1982--	(D)	164	(D)	-	(D)	(D)	166	(D)
Fruits, nuts, and berries ----- farms, 1987--	-	5	8	2	2	1	14	2
1982--	-	9	9	1	-	-	8	1
\$1,000, 1987--	-	67	223	(D)	(D)	(D)	(D)	(D)
1982--	-	90	216	(D)	-	-	66	(D)
Nursery and greenhouse crops ----- farms, 1987--	2	23	13	1	-	2	13	4
1982--	4	24	17	1	-	2	16	1
\$1,000, 1987--	(D)	2 552	1 775	(D)	-	(D)	1 582	(D)
1982--	(D)	1 294	918	(D)	-	(D)	1 146	(D)
Other crops ----- farms, 1987--	-	3	1	-	-	-	1	-
1982--	-	-	1	-	1	-	-	1
\$1,000, 1987--	-	7	(D)	-	-	-	(D)	-
1982--	-	-	(D)	-	(D)	-	-	(D)
Livestock, poultry, and their products ----- farms, 1987--	483	489	1 087	815	563	680	646	864
1982--	598	610	1 324	938	668	869	783	1 029
\$1,000, 1987--	41 907	15 712	76 075	44 922	25 564	83 971	49 143	64 224
1982--	45 194	17 489	111 607	(D)	27 886	96 912	53 752	69 779
Poultry and poultry products ----- farms, 1987--	24	33	61	21	12	36	43	33
1982--	34	30	83	50	16	53	70	45
\$1,000, 1987--	2 348	830	256	(D)	7	2 622	(D)	(D)
1982--	(D)	(D)	402	(D)	5	933	1 329	46
Dairy products ----- farms, 1987--	7	11	13	27	11	22	39	23
1982--	15	16	27	42	27	29	59	35
\$1,000, 1987--	329	440	424	1 467	638	1 543	3 911	742
1982--	478	887	1 277	1 739	1 217	1 509	4 383	876
Cattle and calves ----- farms, 1987--	205	287	807	645	521	363	398	627
1982--	312	405	1 026	777	610	544	480	805
\$1,000, 1987--	14 502	5 902	49 870	19 454	14 909	38 285	18 414	32 001
1982--	19 648	6 765	82 126	21 983	17 394	56 826	20 059	37 295
Hogs and pigs ----- farms, 1987--	323	169	546	385	221	447	353	514
1982--	408	242	666	512	295	549	465	629
\$1,000, 1987--	24 436	7 991	24 946	23 108	9 831	40 883	25 721	30 518
1982--	23 224	9 037	26 843	23 708	9 107	37 182	27 649	31 180
Sheep, lambs, and wool ----- farms, 1987--	50	72	100	117	44	103	108	64
1982--	64	86	129	127	44	128	112	90
\$1,000, 1987--	261	211	250	528	145	587	205	(D)
1982--	212	226	225	266	92	313	120	154
Other livestock and livestock products (see text) ----- farms, 1987--	15	58	55	31	27	13	40	27
1982--	18	64	66	31	23	20	38	28
\$1,000, 1987--	32	338	330	(D)	36	51	(D)	257
1982--	(D)	(D)	734	(D)	71	149	212	228
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	722	605	926	473	210	600	450	589
Field crops, except cash grains (013) -----	4	29	29	16	11	8	12	5
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	4	29	29	16	11	8	12	5
Vegetables and melons (016) -----	1	11	4	-	-	1	8	-
Fruits and tree nuts (017) -----	-	3	7	-	-	-	9	2
Horticultural specialties (018) -----	2	18	11	1	-	2	10	3
General farms, primarily crop (019) -----	1	13	11	11	15	4	11	9
Livestock, except dairy, poultry, and animal specialties (021) -----	241	245	599	509	434	392	405	538
Beef cattle, except feedlots (0212) -----	15	87	127	133	209	36	49	67
Dairy farms (024) -----	3	5	6	16	8	9	24	12
Poultry and eggs (025) -----	7	10	5	2	-	10	3	1
Animal specialties (027) -----	2	53	48	6	4	4	29	10
General farms, primarily livestock and animal specialties (029) -----	4	9	6	13	19	5	12	8

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed .....								
farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Tobacco .....								
farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .....								
farms, 1987..	254	91	194	109	103	149	171	230
1982..	224	101	231	110	123	139	173	244
\$1,000, 1987..	1 061	300	682	(D)	295	391	448	651
1982..	1 117	644	798	(D)	(D)	303	621	616
Vegetables, sweet corn, and melons .....								
farms, 1987..	2	11	7	2	3	8	6	10
1982..	2	9	1	2	-	1	3	9
\$1,000, 1987..	(D)	56	27	(D)	(D)	13	(D)	29
1982..	(D)	23	(D)	(D)	-	(D)	(D)	35
Fruits, nuts, and berries .....								
farms, 1987..	3	9	5	-	-	5	3	7
1982..	1	4	2	-	-	3	3	8
\$1,000, 1987..	(D)	30	10	-	-	2	(D)	(D)
1982..	(D)	68	(D)	-	-	(D)	(D)	251
Nursery and greenhouse crops .....								
farms, 1987..	2	10	4	-	1	3	4	7
1982..	5	6	-	-	2	2	5	10
\$1,000, 1987..	(D)	(D)	8	-	(D)	(D)	146	188
1982..	(D)	575	-	-	(D)	(D)	100	202
Other crops .....								
farms, 1987..	1	1	-	-	2	2	-	1
1982..	1	-	1	-	-	-	-	-
\$1,000, 1987..	(D)	(D)	-	-	(D)	(D)	-	(D)
1982..	(D)	-	(D)	-	-	-	-	-
Livestock, poultry, and their products .....								
farms, 1987..	1 552	582	1 009	579	544	575	602	944
1982..	1 698	719	1 175	721	644	689	701	1 068
\$1,000, 1987..	293 447	46 494	50 843	22 042	26 549	19 315	18 432	31 790
1982..	271 779	43 047	56 991	25 993	(D)	22 149	(D)	37 082
Poultry and poultry products .....								
farms, 1987..	93	41	77	18	18	17	20	30
1982..	98	39	112	24	19	35	37	36
\$1,000, 1987..	7 122	2 969	1 186	(D)	8	(D)	(D)	(D)
1982..	4 597	3 709	(D)	(D)	(D)	67	(D)	1 404
Dairy products .....								
farms, 1987..	182	12	50	6	9	23	16	29
1982..	258	14	56	15	11	41	18	45
\$1,000, 1987..	14 176	1 242	2 398	201	205	519	729	1 553
1982..	15 568	1 140	2 425	338	331	696	625	2 480
Cattle and calves .....								
farms, 1987..	947	281	721	511	473	490	478	780
1982..	1 239	370	875	636	588	598	545	805
\$1,000, 1987..	173 008	17 669	18 728	10 769	11 903	7 133	8 400	12 591
1982..	175 356	15 244	22 658	13 945	15 701	8 314	8 528	14 379
Hogs and pigs .....								
farms, 1987..	1 070	290	491	231	186	206	197	310
1982..	1 198	392	655	345	281	342	293	405
\$1,000, 1987..	90 993	24 026	27 920	10 543	7 430	11 075	8 934	16 511
1982..	75 776	22 442	30 158	11 052	9 675	12 674	10 449	18 361
Sheep, lambs, and wool .....								
farms, 1987..	176	104	151	45	75	127	70	88
1982..	129	111	167	89	78	151	113	85
\$1,000, 1987..	7 980	277	435	275	(D)	352	158	(D)
1982..	380	249	358	239	131	279	148	89
Other livestock and livestock products (see text) .....								
farms, 1987..	45	62	38	20	26	43	41	71
1982..	50	64	46	18	39	40	43	69
\$1,000, 1987..	169	312	175	(D)	(D)	(D)	(D)	645
1982..	101	262	(D)	(D)	159	119	81	369
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	698	732	760	337	251	315	356	472
Field crops, except cash grains (013) .....	7	10	20	16	19	22	56	63
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	7	10	20	16	19	22	56	63
Vegetables and melons (016) .....	-	5	-	-	1	2	5	2
Fruits and tree nuts (017) .....	1	5	1	-	-	3	3	4
Horticultural specialties (018) .....	2	8	2	-	1	3	4	5
General farms, primarily crop (019) .....	7	7	15	8	10	23	23	31
Livestock, except dairy, poultry, and animal specialties (021) .....	1 125	315	543	394	380	382	406	648
Beef cattle, except feedlots (0212) .....	114	37	141	177	193	172	210	324
Dairy farms (024) .....	113	6	34	3	9	13	14	20
Poultry and eggs (025) .....	25	11	7	4	2	2	3	2
Animal specialties (027) .....	11	33	10	6	16	13	20	50
General farms, primarily livestock and animal specialties (029) .....	26	6	12	6	4	5	9	13

See footnotes at end of table.

**Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnabago	Winneshiek	Woodbury	Worth	Wright
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.</b>								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Tobacco ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms, 1987..	114	132	65	80	361	167	74	50
1982..	157	150	91	71	351	166	70	67
\$1,000, 1987..	377	(D)	146	345	2 224	644	167	141
1982..	652	(D)	277	185	1 786	666	(D)	(D)
Vegetables, sweet corn, and melons ----- farms, 1987..	10	1	10	6	5	9	4	2
1982..	5	5	5	4	3	5	-	2
\$1,000, 1987..	(D)	(D)	38	61	(D)	26	(D)	(D)
1982..	8	-	32	32	(D)	13	-	(D)
Fruits, nuts, and berries ----- farms, 1987..	9	-	2	2	5	3	-	1
1982..	5	2	3	-	5	6	1	1
\$1,000, 1987..	10	-	(D)	(D)	5	2	-	(D)
1982..	5	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ----- farms, 1987..	2	-	6	3	1	6	2	2
1982..	2	-	3	4	2	5	1	3
\$1,000, 1987..	(D)	-	211	(D)	(D)	554	(D)	(D)
1982..	(D)	-	(D)	44	(D)	342	(D)	15
Other crops ----- farms, 1987..	-	-	1	-	-	-	1	-
1982..	1	-	-	-	-	1	-	-
\$1,000, 1987..	-	-	(D)	-	-	-	(D)	-
1982..	(D)	-	-	-	-	(D)	-	-
Livestock, poultry, and their products ----- farms, 1987..	874	573	503	379	1 432	898	401	374
1982..	972	685	667	499	1 542	1 152	518	537
\$1,000, 1987..	80 170	20 200	40 272	20 925	99 451	79 658	23 997	26 271
1982..	89 808	23 937	42 090	23 693	97 020	89 254	29 522	35 056
Poultry and poultry products ----- farms, 1987..	77	9	23	17	58	40	18	24
1982..	111	18	42	23	99	72	30	41
\$1,000, 1987..	8 988	9	(D)	(D)	2 725	2 382	1 858	1 858
1982..	8 621	(D)	(D)	(D)	1 777	2 187	1 010	(D)
Dairy products ----- farms, 1987..	48	18	5	47	572	14	29	9
1982..	57	32	10	52	719	33	43	11
\$1,000, 1987..	1 419	784	296	1 742	35 091	285	1 314	334
1982..	1 450	1 175	648	(D)	39 266	1 082	2 059	363
Cattle and calves ----- farms, 1987..	488	522	225	165	1 236	609	229	155
1982..	595	620	351	226	1 399	854	281	228
\$1,000, 1987..	12 043	12 099	5 171	3 721	26 527	49 702	6 903	8 919
1982..	16 568	13 582	10 052	5 539	24 551	54 838	11 186	12 378
Hogs and pigs ----- farms, 1987..	605	178	270	252	743	470	245	219
1982..	738	251	358	331	843	639	332	340
\$1,000, 1987..	56 587	7 080	19 605	15 178	34 265	25 691	13 754	15 234
1982..	62 598	8 623	20 735	15 761	31 036	29 361	15 059	21 342
Sheep, lambs, and wool ----- farms, 1987..	145	57	64	61	104	107	68	69
1982..	157	64	76	81	138	161	69	113
\$1,000, 1987..	767	181	191	153	449	346	143	162
1982..	380	233	144	180	221	513	134	141
Other livestock and livestock products (see text) ----- farms, 1987..	80	37	33	12	56	55	11	24
1982..	56	26	50	17	46	53	18	28
\$1,000, 1987..	387	48	(D)	(D)	395	1 251	26	273
1982..	221	(D)	(D)	30	169	1 274	73	(D)
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	435	249	973	472	263	661	423	700
Field crops, except cash grains (013) -----	8	24	11	8	47	27	5	1
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugar cane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	8	24	11	8	47	27	5	1
Vegetables and melons (016) -----	6	-	5	1	-	4	3	-
Fruits and tree nuts (017) -----	3	-	2	-	3	2	-	1
Horticultural specialties (018) -----	1	-	5	2	1	5	-	-
General farms, primarily crop (019) -----	11	14	3	10	34	10	4	1
Livestock, except dairy, poultry, and animal specialties (021) -----	635	419	207	210	774	592	198	160
Beef cattle, except feedlots (0212) -----	60	246	35	19	200	119	28	11
Dairy farms (024) -----	17	10	3	23	405	5	12	2
Poultry and eggs (025) -----	21	-	7	2	9	11	6	4
Animal specialties (027) -----	14	12	14	6	21	32	4	7
General farms, primarily livestock and animal specialties (029) -----	7	15	5	8	76	11	12	6

<sup>1</sup>Data for 1982 exclude abnormal farms.

<sup>2</sup>Data for 1982 include market value of barley sold.

**Table 3. Farm Production Expenses: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total farm production expenses ----- farms, 1987..	105 184	971	688	1 061	891	851	1 435
----- \$1,000, 1987..	6 647 645	53 286	26 557	55 344	19 046	60 293	104 950
Average per farm ----- dollars, 1987..	63 200	54 878	38 601	52 162	21 376	70 849	73 136
Livestock and poultry purchased ----- farms, 1987..	46 066	472	223	582	311	384	625
----- 1982..	53 457	578	347	532	339	573	768
----- \$1,000, 1987..	1 358 161	8 495	4 042	6 990	3 200	14 586	25 792
----- 1982..	1 536 601	11 913	7 477	6 536	1 987	20 359	17 190
Feed for livestock and poultry ----- farms, 1987..	64 752	664	480	875	563	542	906
----- 1982..	78 070	872	621	903	576	765	1 151
----- \$1,000, 1987..	1 101 866	8 068	3 369	10 582	1 965	10 652	13 865
----- 1982..	1 214 715	8 250	5 868	9 593	1 966	14 694	14 738
Commercially mixed formula feeds ----- farms, 1987..	33 282	275	221	643	170	232	445
----- 1982..	38 512	335	321	573	231	331	586
----- \$1,000, 1987..	475 104	2 875	1 593	5 508	300	3 232	6 680
----- 1982..	539 236	2 381	2 037	5 352	574	4 829	7 886
Seeds, bulbs, plants, and trees ----- farms, 1987..	88 807	855	549	943	569	743	1 241
----- 1982..	98 770	946	581	985	630	781	1 407
----- \$1,000, 1987..	308 197	2 987	1 594	1 858	911	2 457	4 534
----- 1982..	313 092	2 530	1 626	2 135	872	2 569	4 790
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	83 067	809	479	856	497	681	1 165
----- 1982..	86 632	740	489	828	572	674	1 250
----- \$1,000, 1987..	467 355	4 256	2 303	3 073	1 694	4 137	7 834
----- 1982..	562 767	4 478	2 674	3 425	1 603	4 991	9 467
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	86 631	844	540	876	538	669	1 242
----- 1982..	87 700	788	512	835	502	673	1 304
----- \$1,000, 1987..	309 894	2 913	1 536	1 273	925	2 425	4 860
----- 1982..	331 924	2 818	1 684	1 546	981	3 235	6 138
Petroleum products ----- farms, 1987..	100 939	949	660	1 021	831	825	1 388
----- 1982..	114 816	1 065	736	1 134	893	905	1 585
----- \$1,000, 1987..	315 061	2 645	1 796	2 950	1 298	2 822	4 667
----- 1982..	536 937	4 850	3 076	5 279	1 856	5 214	8 021
Gasoline and gasohol ----- farms, 1987..	87 982	803	561	917	687	674	1 211
----- 1982..	106 773	1 034	693	1 059	798	832	1 497
----- \$1,000, 1987..	105 047	900	732	1 120	607	992	1 549
----- 1982..	186 833	2 104	1 256	1 978	888	1 631	2 800
Diesel fuel ----- farms, 1987..	73 400	621	481	793	519	580	996
----- 1982..	80 135	665	491	823	447	646	1 116
----- \$1,000, 1987..	136 878	1 172	741	1 192	453	1 181	2 056
----- 1982..	203 866	1 752	1 219	1 816	666	2 057	3 076
Natural gas ----- farms, 1987..	5 064	54	61	73	49	77	40
----- 1982..	3 284	11	27	40	14	24	34
----- \$1,000, 1987..	6 637	44	41	38	15	78	87
----- 1982..	6 182	23	18	37	35	35	33
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	86 862	830	552	924	606	703	1 254
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	66 500	528	282	600	222	571	975
----- 1982..	140 056	971	584	1 448	367	1 491	2 111
Electricity ----- farms, 1987..	90 255	877	586	973	664	773	1 298
----- 1982..	94 737	923	626	1 027	518	748	1 313
----- \$1,000, 1987..	126 591	962	660	1 850	351	1 201	1 932
----- 1982..	130 326	994	784	1 925	356	1 325	1 844
Hired farm labor ----- farms, 1987..	49 121	441	353	542	255	394	691
----- 1982..	47 873	350	239	506	235	362	743
----- \$1,000, 1987..	282 515	1 601	969	2 856	731	2 092	3 887
----- 1982..	222 146	1 286	1 150	1 951	447	2 176	2 988
Contract labor ----- farms, 1987..	8 078	81	64	125	42	51	128
----- 1982..	3 570	20	29	28	33	42	37
----- \$1,000, 1987..	21 032	284	94	315	118	299	398
----- 1982..	8 358	82	35	75	80	97	52
Repair and maintenance ----- farms, 1987..	91 920	874	596	973	707	777	1 269
----- \$1,000, 1987..	407 270	3 797	2 120	4 537	1 668	3 513	5 958
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	57 354	526	386	651	332	422	751
----- 1982..	57 502	491	357	610	380	460	775
----- \$1,000, 1987..	133 395	1 091	801	949	399	1 004	2 071
----- 1982..	124 821	1 546	582	1 226	505	1 354	1 443
Interest paid <sup>3</sup> ----- farms, 1987..	67 262	590	441	746	404	561	954
----- 1982..	76 462	717	511	805	413	723	1 119
----- \$1,000, 1987..	579 338	6 089	2 437	6 087	1 830	4 943	9 398
----- 1982..	1 015 561	6 432	6 082	9 388	3 479	11 639	14 903
Interest paid on debt: Secured by real estate ----- farms, 1987..	44 371	403	312	492	324	375	664
----- \$1,000, 1987..	390 226	4 032	1 708	4 042	1 390	3 384	6 583
Not secured by real estate ----- farms, 1987..	41 208	358	271	465	192	360	575
----- \$1,000, 1987..	189 113	2 056	729	2 046	440	1 559	2 815
Cash rent ----- farms, 1987..	41 375	297	231	422	175	371	664
----- \$1,000, 1987..	492 800	2 934	1 022	3 184	745	4 748	9 561
Property taxes paid ----- farms, 1987..	87 431	866	574	916	847	697	1 145
----- \$1,000, 1987..	230 810	2 541	1 172	1 919	1 594	1 892	3 377
All other farm production expenses ----- farms, 1987..	101 919	938	680	1 035	846	822	1 399
----- \$1,000, 1987..	513 358	4 625	2 642	6 920	1 617	3 521	6 817

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total farm production expenses ----- farms, 1987 ..	1 271	1 029	1 140	1 331	1 097	1 294	992
..... \$1,000, 1987 ..	76 037	64 349	59 231	83 259	99 632	83 277	65 428
Average per farm ----- dollars, 1987 ..	59 825	62 536	51 957	62 553	90 822	64 356	65 956
Livestock and poultry purchased ----- farms, 1987 ..	541	343	526	604	533	633	413
..... 1982 ..	586	396	622	620	477	754	493
..... \$1,000, 1987 ..	10 341	10 865	7 877	13 291	20 857	15 227	13 886
..... 1982 ..	10 358	11 137	8 818	12 300	21 809	13 729	19 965
Feed for livestock and poultry ----- farms, 1987 ..	709	382	750	806	645	837	485
..... 1982 ..	796	573	882	908	619	1 084	703
..... \$1,000, 1987 ..	13 156	7 238	9 488	12 900	25 414	15 535	10 332
..... 1982 ..	10 874	8 986	10 292	13 104	20 708	13 647	13 999
Commercially mixed formula feeds ----- farms, 1987 ..	420	200	477	481	286	447	256
..... 1982 ..	387	234	572	548	336	591	346
..... \$1,000, 1987 ..	6 749	2 676	4 767	4 695	15 486	6 337	3 953
..... 1982 ..	4 781	4 503	5 727	6 222	11 359	7 201	5 012
Seeds, bulbs, plants, and trees ----- farms, 1987 ..	1 095	900	917	1 169	948	1 095	880
..... 1982 ..	1 175	1 010	1 136	1 287	1 114	1 246	1 037
..... \$1,000, 1987 ..	3 674	3 789	3 187	4 175	3 755	3 766	3 555
..... 1982 ..	4 317	3 550	3 097	4 038	4 151	3 995	3 272
Commercial fertilizer <sup>1</sup> ----- farms, 1987 ..	975	859	872	1 116	931	1 014	859
..... 1982 ..	1 017	851	1 035	1 163	981	1 107	884
..... \$1,000, 1987 ..	5 384	5 306	4 774	7 153	5 397	5 959	5 255
..... 1982 ..	7 108	5 940	5 370	8 807	7 144	6 418	5 376
Agricultural chemicals <sup>1</sup> ----- farms, 1987 ..	1 004	873	885	1 156	993	1 064	882
..... 1982 ..	1 038	900	929	1 136	1 067	1 154	957
..... \$1,000, 1987 ..	3 977	3 913	3 172	4 405	3 546	4 249	3 544
..... 1982 ..	4 326	3 725	3 109	4 723	4 418	4 415	3 623
Petroleum products ----- farms, 1987 ..	1 233	978	1 094	1 294	1 026	1 233	954
..... 1982 ..	1 340	1 153	1 278	1 390	1 185	1 486	1 164
..... \$1,000, 1987 ..	3 523	3 160	3 028	4 187	3 811	3 682	3 080
..... 1982 ..	6 084	4 746	5 180	7 271	6 556	6 508	5 112
Gasoline and gasohol ----- farms, 1987 ..	1 117	854	966	1 098	907	1 089	893
..... 1982 ..	1 276	1 013	1 209	1 308	1 131	1 379	1 082
..... \$1,000, 1987 ..	1 025	993	1 006	1 135	1 110	1 194	1 011
..... 1982 ..	1 700	1 546	1 652	2 205	2 258	2 168	1 816
Diesel fuel ----- farms, 1987 ..	872	767	731	920	776	914	738
..... 1982 ..	882	831	888	989	950	1 051	908
..... \$1,000, 1987 ..	1 394	1 539	1 087	1 740	1 601	1 451	1 464
..... 1982 ..	2 186	2 136	1 662	2 466	2 348	2 262	2 068
Natural gas ----- farms, 1987 ..	71	84	52	92	52	47	57
..... 1982 ..	96	75	18	51	51	60	42
..... \$1,000, 1987 ..	162	168	48	100	(D)	72	48
..... 1982 ..	326	114	56	69	104	133	55
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987 ..	1 071	837	943	1 058	921	1 055	845
..... 1982 ..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... \$1,000, 1987 ..	942	460	887	1 212	(D)	965	558
..... 1982 ..	1 872	950	1 810	2 531	1 846	1 944	1 173
Electricity ----- farms, 1987 ..	1 111	860	1 027	1 101	932	1 129	840
..... 1982 ..	1 102	949	1 097	1 005	994	1 205	913
..... \$1,000, 1987 ..	1 466	995	1 281	1 679	1 580	1 525	(D)
..... 1982 ..	1 400	1 009	1 401	1 294	1 534	1 772	1 105
Hired farm labor ----- farms, 1987 ..	597	513	480	665	553	667	533
..... 1982 ..	609	406	486	579	667	588	568
..... \$1,000, 1987 ..	4 025	3 614	1 894	3 329	5 208	3 081	2 682
..... 1982 ..	3 170	2 396	1 516	2 361	4 024	2 403	1 533
Contract labor ----- farms, 1987 ..	134	71	58	99	75	89	105
..... 1982 ..	15	41	9	21	34	33	27
..... \$1,000, 1987 ..	433	198	118	337	341	166	(D)
..... 1982 ..	45	34	45	13	85	60	117
Repair and maintenance ----- farms, 1987 ..	1 051	922	1 047	1 177	972	1 164	832
..... \$1,000, 1987 ..	4 787	3 916	4 057	4 988	5 434	4 813	4 105
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987 ..	799	520	600	689	611	755	572
..... 1982 ..	752	574	658	654	652	713	553
..... \$1,000, 1987 ..	1 843	1 140	1 548	1 473	1 664	2 176	1 143
..... 1982 ..	1 740	1 305	1 209	1 377	2 064	1 425	1 288
Interest paid <sup>3</sup> ----- farms, 1987 ..	739	684	791	911	772	851	665
..... 1982 ..	836	772	885	910	839	943	831
..... \$1,000, 1987 ..	6 579	5 662	6 207	8 254	6 875	6 938	6 062
..... 1982 ..	11 153	10 487	9 642	12 488	12 121	11 941	11 337
Interest paid on debt: Secured by real estate ----- farms, 1987 ..	502	391	567	547	428	556	454
..... \$1,000, 1987 ..	4 331	4 045	4 581	6 088	4 384	4 449	4 180
Not secured by real estate ----- farms, 1987 ..	452	416	465	582	529	587	409
..... \$1,000, 1987 ..	2 247	1 617	1 626	2 165	2 491	2 489	1 882
Cash rent ----- farms, 1987 ..	557	421	425	556	549	572	435
..... \$1,000, 1987 ..	7 930	6 554	5 474	7 815	5 869	6 987	4 117
Property taxes paid ----- farms, 1987 ..	1 056	792	980	1 115	854	1 102	790
..... \$1,000, 1987 ..	2 884	2 235	2 535	3 425	2 150	2 707	1 918
All other farm production expenses ----- farms, 1987 ..	1 214	1 009	1 095	1 299	1 075	1 253	976
..... \$1,000, 1987 ..	6 037	5 783	4 589	5 848	7 729	6 467	4 571

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total farm production expenses	farms, 1987--	1 321	942	1 170	929	1 091	1 054	697
	\$1,000, 1987--	122 194	62 455	83 989	61 627	88 207	67 505	20 944
Average per farm	dollars, 1987--	92 501	66 301	71 785	66 337	80 850	64 047	30 048
Livestock and poultry purchased	farms, 1987--	660	473	513	344	516	493	260
	1982--	840	551	663	439	692	504	379
	\$1,000, 1987--	42 663	16 310	16 900	4 641	26 445	13 196	2 412
	1982--	62 641	17 506	15 765	8 059	35 394	10 605	3 003
Feed for livestock and poultry	farms, 1987--	856	631	788	489	614	655	520
	1982--	1 062	778	942	588	872	807	558
	\$1,000, 1987--	24 066	7 970	13 114	9 133	13 468	9 582	3 071
	1982--	29 065	8 938	13 319	10 848	16 173	10 785	3 047
Commercially mixed formula feeds	farms, 1987--	358	345	449	258	272	386	200
	1982--	471	418	438	236	487	467	235
	\$1,000, 1987--	7 785	3 567	6 527	4 657	5 376	5 027	551
	1982--	9 366	4 946	5 417	5 355	5 723	5 259	1 174
Seeds, bulbs, plants, and trees	farms, 1987--	1 174	818	998	787	988	931	535
	1982--	1 237	927	1 165	867	1 073	1 032	596
	\$1,000, 1987--	3 652	3 073	4 081	3 522	3 420	3 469	1 280
	1982--	3 455	2 818	4 702	3 973	3 132	3 329	1 140
Commercial fertilizer <sup>1</sup>	farms, 1987--	1 098	732	952	744	923	857	511
	1982--	1 049	793	1 022	822	907	861	488
	\$1,000, 1987--	5 561	4 074	6 076	5 444	4 600	5 505	1 801
	1982--	5 986	4 937	8 604	7 659	4 821	6 541	2 009
Agricultural chemicals <sup>1</sup>	farms, 1987--	1 146	826	1 008	785	956	914	508
	1982--	1 059	774	1 036	858	975	887	458
	\$1,000, 1987--	3 195	2 962	4 542	3 641	3 233	3 417	1 214
	1982--	2 942	3 214	5 436	4 802	3 009	3 922	986
Petroleum products	farms, 1987--	1 285	903	1 084	915	1 063	1 029	661
	1982--	1 396	1 066	1 323	1 033	1 214	1 167	766
	\$1,000, 1987--	4 388	2 992	3 644	3 969	3 480	3 428	1 525
	1982--	7 036	5 256	7 028	6 971	5 396	6 521	2 482
Gasoline and gasohol	farms, 1987--	1 108	772	952	822	879	906	516
	1982--	1 335	971	1 205	940	1 066	1 106	706
	\$1,000, 1987--	1 502	1 031	1 025	1 125	1 120	1 152	660
	1982--	2 749	1 616	2 314	1 658	2 056	2 022	1 180
Diesel fuel	farms, 1987--	1 017	670	879	723	875	722	418
	1982--	1 001	774	945	788	960	819	439
	\$1,000, 1987--	2 016	1 278	1 550	1 660	1 670	1 302	654
	1982--	2 750	2 185	2 551	2 455	2 180	1 945	890
Natural gas	farms, 1987--	87	48	62	44	51	49	6
	1982--	11	28	20	64	23	31	31
	\$1,000, 1987--	61	66	64	111	49	105	3
	1982--	4	35	22	193	33	47	11
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987--	1 165	795	968	797	944	902	536
	1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 1987--	809	617	1 006	1 074	641	869	208
	1982--	1 532	1 420	2 142	2 665	1 127	2 507	402
Electricity	farms, 1987--	1 182	803	1 010	802	962	971	573
	1982--	1 211	913	1 150	887	1 034	966	581
	\$1,000, 1987--	1 862	1 024	1 518	1 131	1 660	1 455	470
	1982--	1 900	1 076	1 828	1 245	1 543	1 489	536
Hired farm labor	farms, 1987--	687	381	429	451	531	485	250
	1982--	646	349	511	463	584	479	206
	\$1,000, 1987--	4 439	2 175	2 683	2 835	2 988	2 593	517
	1982--	3 094	1 777	3 080	2 274	2 170	1 957	585
Contract labor	farms, 1987--	79	80	84	78	100	63	29
	1982--	56	17	24	58	33	22	24
	\$1,000, 1987--	245	104	301	121	193	147	85
	1982--	108	38	12	157	44	22	45
Repair and maintenance	farms, 1987--	1 180	842	999	799	983	954	552
	\$1,000, 1987--	6 088	4 418	4 520	3 806	4 507	4 373	1 644
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup>	farms, 1987--	800	552	667	503	668	576	362
	1982--	695	504	681	475	666	653	373
	\$1,000, 1987--	1 839	1 268	1 524	1 981	2 081	1 143	491
	1982--	1 453	996	1 789	1 634	1 229	1 387	579
Interest paid <sup>3</sup>	farms, 1987--	934	645	755	600	721	678	455
	1982--	959	591	926	766	860	809	517
	\$1,000, 1987--	8 123	4 895	8 051	6 263	6 490	5 947	2 521
	1982--	13 346	7 666	13 304	11 927	13 315	11 109	4 363
Interest paid on debt:								
Secured by real estate	farms, 1987--	659	440	434	422	442	482	294
	\$1,000, 1987--	5 753	3 052	5 253	4 123	4 512	4 177	1 759
Not secured by real estate	farms, 1987--	512	392	493	380	500	404	222
	\$1,000, 1987--	2 370	1 843	2 797	2 140	1 978	1 771	762
Cash rent	farms, 1987--	520	416	566	470	546	523	214
	\$1,000, 1987--	6 141	4 341	8 005	7 896	6 336	5 124	1 047
Property taxes paid	farms, 1987--	1 064	796	907	722	846	923	602
	\$1,000, 1987--	3 090	2 300	3 094	2 054	2 205	2 915	1 125
All other farm production expenses	farms, 1987--	1 299	908	1 112	889	1 069	1 018	640
	\$1,000, 1987--	6 842	4 549	5 935	5 188	7 101	5 211	1 741

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farm production expenses ----- farms, 1987--	877	1 706	1 438	1 339	1 081	921	715
\$1,000, 1987--	67 332	101 074	93 334	86 523	54 700	27 831	28 570
Average per farm -----dollars, 1987--	76 776	59 246	64 906	64 617	50 602	30 219	39 957
Livestock and poultry purchased ----- farms, 1987--	386	779	636	771	348	390	328
1982--	458	832	727	812	449	431	377
\$1,000, 1987--	16 812	13 262	19 651	21 803	7 272	3 811	6 112
1982--	20 395	11 737	26 604	23 199	12 332	3 525	7 172
Feed for livestock and poultry ----- farms, 1987--	509	1 314	877	960	519	638	503
1982--	603	1 433	1 045	1 145	646	800	628
\$1,000, 1987--	11 220	21 883	11 361	13 805	4 888	5 111	4 527
1982--	12 987	20 539	14 632	15 009	5 175	5 795	4 086
Commercially mixed formula feeds ----- farms, 1987--	281	948	469	390	214	244	168
1982--	353	1 009	585	508	301	271	221
\$1,000, 1987--	4 241	11 867	4 279	4 187	1 728	1 913	1 168
1982--	6 416	11 792	8 345	4 754	2 160	2 258	1 367
Seeds, bulbs, plants, and trees ----- farms, 1987--	734	1 445	1 246	1 093	882	730	484
1982--	929	1 488	1 385	1 308	1 048	770	535
\$1,000, 1987--	3 306	3 837	4 445	3 667	3 104	1 480	1 147
1982--	3 599	4 031	4 804	3 235	3 580	1 515	1 128
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	709	1 304	1 224	1 042	775	663	487
1982--	833	1 351	1 287	1 139	809	682	519
\$1,000, 1987--	4 722	6 227	7 916	5 669	4 433	2 346	2 067
1982--	5 968	7 404	11 001	6 387	5 648	2 663	2 710
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	744	1 236	1 243	1 127	884	710	427
1982--	863	1 288	1 335	1 142	930	625	488
\$1,000, 1987--	3 068	3 188	4 602	3 084	3 334	1 313	1 343
1982--	4 058	3 350	5 377	3 072	3 744	1 848	1 408
Petroleum products ----- farms, 1987--	840	1 625	1 363	1 295	1 040	890	670
1982--	1 045	1 725	1 558	1 511	1 196	946	769
\$1,000, 1987--	3 085	5 046	4 189	3 922	2 683	1 609	1 558
1982--	5 728	8 164	7 781	6 164	4 809	2 803	2 831
Gasoline and gasohol ----- farms, 1987--	711	1 497	1 194	1 138	912	815	596
1982--	1 016	1 657	1 405	1 377	1 124	918	747
\$1,000, 1987--	973	1 881	1 318	1 448	923	645	766
1982--	1 954	2 943	2 573	2 268	1 709	1 157	1 314
Diesel fuel ----- farms, 1987--	646	1 244	1 025	988	764	548	357
1982--	804	1 208	1 192	1 114	763	571	427
\$1,000, 1987--	1 501	1 955	1 821	1 823	1 196	713	529
1982--	2 478	2 867	3 223	2 651	2 011	1 046	1 014
Natural gas ----- farms, 1987--	30	36	69	63	74	57	30
1982--	17	29	20	58	19	-	23
\$1,000, 1987--	41	38	99	59	61	23	38
1982--	49	56	74	71	70	-	16
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	766	1 407	1 237	1 123	729	702	511
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	570	1 172	951	591	503	229	224
1982--	1 248	2 299	1 911	1 174	1 019	599	487
Electricity ----- farms, 1987--	809	1 516	1 264	1 180	795	698	548
1982--	850	1 495	1 325	1 225	874	724	587
\$1,000, 1987--	1 099	3 194	1 824	1 670	981	697	494
1982--	1 249	2 856	2 149	1 902	961	652	575
Hired farm labor ----- farms, 1987--	422	924	688	698	402	361	269
1982--	565	791	773	704	487	248	237
\$1,000, 1987--	2 453	4 026	3 299	3 405	2 792	658	1 141
1982--	2 390	3 082	3 680	2 119	2 051	743	1 076
Contract labor ----- farms, 1987--	62	90	130	131	130	81	27
1982--	25	65	40	68	35	28	22
\$1,000, 1987--	93	140	129	346	284	193	105
1982--	51	143	52	164	40	174	45
Repair and maintenance ----- farms, 1987--	794	1 527	1 272	1 201	851	778	603
\$1,000, 1987--	4 418	8 149	5 177	4 862	3 288	2 104	2 327
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	520	952	838	870	513	417	385
1982--	602	913	797	832	606	472	438
\$1,000, 1987--	1 253	2 344	2 251	1 706	1 270	414	544
1982--	1 584	1 613	1 739	1 421	1 306	664	831
Interest paid <sup>3</sup> ----- farms, 1987--	612	1 219	923	920	636	625	373
1982--	712	1 098	1 126	983	801	619	468
\$1,000, 1987--	5 397	10 397	8 357	7 931	6 078	3 025	2 291
1982--	11 697	13 926	15 848	11 324	10 727	6 253	5 478
Interest paid on debt: Secured by real estate ----- farms, 1987--	373	866	564	664	446	533	225
\$1,000, 1987--	3 462	7 901	5 062	5 468	4 269	2 370	1 730
Not secured by real estate ----- farms, 1987--	408	666	627	562	341	283	200
\$1,000, 1987--	1 935	2 496	3 295	2 463	1 809	655	561
Cash rent ----- farms, 1987--	307	509	652	525	402	232	216
\$1,000, 1987--	3 903	5 067	9 696	6 463	5 907	817	1 215
Property taxes paid ----- farms, 1987--	717	1 494	1 115	1 109	898	872	627
\$1,000, 1987--	2 043	4 329	3 364	2 636	2 749	1 599	1 179
All other farm production expenses ----- farms, 1987--	860	1 637	1 397	1 320	1 018	889	681
\$1,000, 1987--	4 459	9 982	7 071	5 554	5 638	2 653	2 518

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total farm production expenses ----- farms, 1987..	1 452	752	593	1 690	609	1 510	985	1 012
----- \$1,000, 1987..	123 128	32 754	45 481	113 839	38 847	100 483	58 137	80 138
Average per farm ----- dollars, 1987..	84 799	43 555	76 696	67 360	63 788	66 545	59 023	79 188
Livestock and poultry purchased ----- farms, 1987..	910	273	201	1 009	208	785	422	402
----- 1982..	883	239	296	1 064	259	868	379	555
----- \$1,000, 1987..	18 914	3 392	12 881	23 907	6 810	15 028	8 386	12 037
----- 1982..	14 899	4 636	17 737	19 327	9 661	19 469	9 223	19 367
Feed for livestock and poultry ----- farms, 1987..	1 202	342	326	1 431	247	1 044	538	540
----- 1982..	1 244	527	406	1 479	330	1 252	624	734
----- \$1,000, 1987..	32 473	3 775	6 787	26 778	4 133	17 457	7 875	14 201
----- 1982..	24 700	5 229	11 763	22 902	4 433	19 256	6 443	16 145
Commercially mixed formula feeds ----- farms, 1987..	827	173	186	979	114	712	240	329
----- 1982..	878	236	265	922	142	711	308	349
----- \$1,000, 1987..	15 530	2 110	2 440	13 758	1 333	8 338	3 327	7 621
----- 1982..	12 995	1 879	5 357	9 861	1 661	9 629	3 323	9 502
Seeds, bulbs, plants, and trees ----- farms, 1987..	1 268	653	534	1 429	576	1 335	831	862
----- 1982..	1 288	667	604	1 482	652	1 461	968	1 044
----- \$1,000, 1987..	4 025	2 078	1 963	3 090	2 329	4 399	3 368	3 968
----- 1982..	4 127	2 321	2 260	3 240	2 624	4 797	3 413	4 604
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	1 209	617	485	1 295	539	1 253	771	827
----- 1982..	1 159	594	525	1 322	596	1 343	876	949
----- \$1,000, 1987..	7 362	3 198	2 693	5 505	3 458	7 460	4 613	6 043
----- 1982..	8 925	3 612	3 863	5 911	4 215	9 150	5 994	7 154
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	1 221	650	519	1 349	542	1 252	839	861
----- 1982..	1 106	587	536	1 316	628	1 258	847	946
----- \$1,000, 1987..	3 559	2 281	2 114	2 142	2 237	4 353	3 301	4 562
----- 1982..	3 568	2 693	2 063	2 248	2 255	4 650	3 983	5 078
Petroleum products ----- farms, 1987..	1 395	726	557	1 658	594	1 434	934	987
----- 1982..	1 477	802	640	1 691	714	1 638	1 096	1 168
----- \$1,000, 1987..	5 993	1 700	2 016	5 202	2 266	4 893	3 252	3 889
----- 1982..	8 867	3 414	3 636	7 061	4 253	8 935	6 067	6 633
Gasoline and gasohol ----- farms, 1987..	1 227	613	501	1 534	490	1 248	870	875
----- 1982..	1 392	752	608	1 612	668	1 573	1 052	1 093
----- \$1,000, 1987..	1 946	497	770	2 227	686	1 590	991	1 082
----- 1982..	2 914	1 196	1 272	3 161	1 244	2 897	1 916	2 144
Diesel fuel ----- farms, 1987..	1 110	478	428	1 139	535	1 009	641	799
----- 1982..	1 072	500	496	1 120	555	1 198	729	917
----- \$1,000, 1987..	2 142	851	847	1 821	1 146	1 951	1 334	1 839
----- 1982..	2 895	1 328	1 487	2 251	1 852	3 107	1 907	2 476
Natural gas ----- farms, 1987..	53	31	11	96	31	68	58	83
----- 1982..	48	11	25	51	26	16	54	36
----- \$1,000, 1987..	146	12	16	85	23	93	103	80
----- 1982..	104	160	32	53	66	53	127	52
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	1 264	576	486	1 431	536	1 298	822	918
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	1 760	340	384	1 069	411	1 259	824	888
----- 1982..	2 954	729	845	1 596	1 091	2 877	2 117	1 960
Electricity ----- farms, 1987..	1 313	588	541	1 557	507	1 370	873	932
----- 1982..	1 294	611	512	1 559	602	1 435	970	1 026
----- \$1,000, 1987..	3 154	576	709	3 011	699	2 341	1 133	1 361
----- 1982..	2 789	814	694	2 677	653	2 369	1 250	1 615
Hired farm labor ----- farms, 1987..	825	284	246	933	340	811	513	492
----- 1982..	679	256	338	768	325	896	437	532
----- \$1,000, 1987..	4 822	1 253	1 927	5 614	1 347	4 687	2 906	3 500
----- 1982..	3 689	1 602	1 775	3 688	1 097	4 070	2 876	3 477
Contract labor ----- farms, 1987..	94	49	63	126	63	107	107	44
----- 1982..	47	22	22	53	14	49	47	52
----- \$1,000, 1987..	338	75	160	326	174	226	210	180
----- 1982..	210	82	32	96	55	52	66	88
Repair and maintenance ----- farms, 1987..	1 282	634	504	1 577	548	1 338	924	888
----- \$1,000, 1987..	8 249	2 339	2 394	6 723	2 544	7 222	3 882	4 525
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	947	398	346	1 055	271	924	506	588
----- 1982..	758	367	303	904	315	899	515	583
----- \$1,000, 1987..	1 844	1 039	610	2 037	702	2 332	1 186	2 353
----- 1982..	1 701	552	731	1 535	701	2 236	1 246	1 494
Interest paid <sup>3</sup> ----- farms, 1987..	985	353	371	1 011	433	1 011	692	731
----- 1982..	1 057	454	407	1 010	536	1 118	719	885
----- \$1,000, 1987..	11 335	2 993	3 520	9 481	3 246	10 604	5 543	7 100
----- 1982..	16 993	5 176	6 953	12 751	7 683	16 338	9 942	15 262
Interest paid on debt: Secured by real estate ----- farms, 1987..	700	219	207	628	201	670	459	451
----- \$1,000, 1987..	8 005	2 465	1 677	6 426	1 658	7 541	3 643	4 725
Not secured by real estate ----- farms, 1987..	577	199	279	636	334	618	472	484
----- \$1,000, 1987..	3 331	528	1 843	3 055	1 588	3 063	1 900	2 374
Cash rent ----- farms, 1987..	507	275	332	566	313	514	467	490
----- \$1,000, 1987..	6 821	3 724	3 886	5 340	4 759	6 634	5 516	8 157
Property taxes paid ----- farms, 1987..	1 155	613	452	1 406	435	1 300	818	801
----- \$1,000, 1987..	3 831	1 794	1 021	3 322	1 140	3 893	2 216	2 304
All other farm production expenses ----- farms, 1987..	1 417	706	568	1 659	594	1 501	949	994
----- \$1,000, 1987..	10 409	2 536	2 821	11 361	3 002	7 954	4 750	5 957

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farm production expenses ----- farms, 1987..	719	849	1 038	960	1 026	1 053	1 065	1 024
\$1,000, 1987..	47 330	59 298	92 137	44 194	97 625	74 409	90 777	57 318
Average per farm ----- dollars, 1987..	65 827	62 485	88 764	46 036	95 151	70 664	85 237	55 975
Livestock and poultry purchased ----- farms, 1987..	187	245	411	438	361	465	447	335
1982..	264	445	510	550	459	538	564	375
\$1,000, 1987..	10 594	7 690	21 499	7 284	17 559	12 061	18 089	9 680
1982..	16 147	12 486	18 707	12 400	19 583	12 023	24 405	8 805
Feed for livestock and poultry ----- farms, 1987..	280	408	585	613	459	549	609	518
1982..	498	617	686	700	632	731	751	636
\$1,000, 1987..	5 320	6 665	12 557	5 650	26 212	10 842	15 072	5 753
1982..	7 490	9 018	13 591	9 338	28 098	12 460	15 194	5 421
Commercially mixed formula feeds ----- farms, 1987..	129	212	304	246	250	322	324	245
1982..	189	242	384	301	295	337	416	283
\$1,000, 1987..	1 292	3 004	5 085	1 836	20 160	5 516	5 331	1 872
1982..	1 926	3 687	6 534	5 053	18 982	4 427	5 988	2 092
Seeds, bulbs, plants, and trees ----- farms, 1987..	632	841	918	757	917	921	926	884
1982..	664	909	1 005	939	1 032	1 100	1 062	1 055
\$1,000, 1987..	2 971	3 592	3 738	2 099	3 692	4 075	4 164	3 669
1982..	2 654	3 592	3 518	2 165	3 848	4 182	4 338	3 503
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	612	786	879	712	884	902	869	841
1982..	600	815	906	744	943	955	915	979
\$1,000, 1987..	3 275	5 201	6 038	3 446	5 186	6 261	5 837	5 722
1982..	3 642	5 678	6 202	4 591	6 976	6 689	7 861	6 953
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	622	818	930	807	906	942	904	862
1982..	618	808	934	813	938	949	961	898
\$1,000, 1987..	2 807	3 902	4 920	2 624	4 090	4 151	4 522	3 924
1982..	2 812	3 616	4 580	2 920	4 409	3 965	4 682	3 459
Petroleum products ----- farms, 1987..	671	900	1 005	939	1 005	1 019	1 022	947
1982..	771	1 043	1 129	1 093	1 158	1 176	1 184	1 191
\$1,000, 1987..	2 587	3 285	3 941	2 701	4 217	4 066	3 764	3 218
1982..	3 929	4 676	5 449	4 281	7 361	7 380	6 489	4 922
Gasoline and gasohol ----- farms, 1987..	573	771	846	870	837	902	903	773
1982..	675	906	1 048	1 040	1 074	1 105	1 093	1 066
\$1,000, 1987..	814	1 163	1 128	1 044	1 026	1 104	1 107	1 157
1982..	1 119	1 766	1 622	1 812	1 912	2 270	1 923	1 894
Diesel fuel ----- farms, 1987..	515	726	831	629	801	889	771	706
1982..	621	763	814	601	917	947	903	859
\$1,000, 1987..	1 277	1 601	1 679	1 037	1 777	1 939	1 697	1 630
1982..	2 107	2 025	2 021	1 440	2 570	2 736	2 388	2 294
Natural gas ----- farms, 1987..	22	60	76	45	54	79	93	36
1982..	27	3	21	14	28	77	12	34
\$1,000, 1987..	23	51	99	130	75	93	85	54
1982..	9	26	46	23	41	136	17	31
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	594	794	919	777	908	949	881	798
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	474	469	1 035	490	1 339	930	875	376
1982..	693	859	1 761	1 006	2 838	2 238	2 161	703
Electricity ----- farms, 1987..	588	854	892	787	902	954	905	876
1982..	580	860	915	786	864	1 020	1 023	995
\$1,000, 1987..	831	1 079	1 364	961	1 650	1 361	1 511	1 336
1982..	736	1 070	1 318	929	1 575	1 470	1 474	1 502
Hired farm labor ----- farms, 1987..	345	519	548	350	512	616	605	481
1982..	372	465	592	332	554	505	528	532
\$1,000, 1987..	2 916	3 225	3 822	1 390	5 187	3 235	3 824	2 542
1982..	2 227	2 313	3 425	1 728	3 853	1 980	3 998	2 601
Contract labor ----- farms, 1987..	111	97	92	90	80	53	55	132
1982..	23	29	47	9	39	28	43	48
\$1,000, 1987..	379	191	331	187	667	130	213	248
1982..	61	40	58	6	336	65	57	127
Repair and maintenance ----- farms, 1987..	609	889	908	765	899	920	954	858
\$1,000, 1987..	3 063	4 499	4 772	3 570	4 807	4 471	5 475	3 698
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	424	581	682	496	551	600	626	595
1982..	414	514	674	507	576	584	627	585
\$1,000, 1987..	1 125	1 938	2 319	1 214	1 066	1 587	1 879	1 350
1982..	867	1 415	1 686	844	1 611	1 206	2 251	1 100
Interest paid <sup>3</sup> ----- farms, 1987..	384	614	774	598	729	789	700	679
1982..	534	733	818	677	785	777	838	832
\$1,000, 1987..	3 583	5 513	8 807	4 497	7 521	7 060	7 286	6 471
1982..	7 455	12 616	12 700	7 798	14 940	12 497	14 661	8 781
Interest paid on debt: Secured by real estate ----- farms, 1987..	238	351	488	381	455	477	445	486
\$1,000, 1987..	2 117	3 650	5 665	2 822	5 625	4 649	4 593	4 717
farms, 1987..	229	376	517	384	512	498	429	415
\$1,000, 1987..	1 466	1 863	3 141	1 675	1 895	2 411	2 694	1 754
Not secured by real estate ----- farms, 1987..								
\$1,000, 1987..								
Cash rent ----- farms, 1987..	137	378	556	318	478	570	559	287
\$1,000, 1987..	1 815	4 824	9 535	2 632	6 347	7 249	9 095	2 899
Property taxes paid ----- farms, 1987..	630	725	779	809	803	858	832	845
\$1,000, 1987..	1 869	2 326	2 158	1 831	2 646	2 211	2 583	2 136
All other farm production expenses ----- farms, 1987..	689	929	1 027	938	1 012	1 045	1 038	983
\$1,000, 1987..	4 195	5 368	6 335	4 109	6 778	5 651	7 461	4 671

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total farm production expenses ----- farms, 1987..	894	938	754	787	1 057	1 354	1 465	774
\$1,000, 1987..	44 968	52 352	52 755	61 684	70 646	74 148	84 547	33 075
Average per farm ----- dollars, 1987..	50 299	55 812	69 966	78 379	66 836	54 762	57 711	42 732
Livestock and poultry purchased ----- farms, 1987..	352	423	237	419	544	790	607	262
1982..	420	476	330	510	545	812	761	368
\$1,000, 1987..	5 424	6 624	11 122	17 962	13 498	18 867	14 674	3 995
1982..	7 824	7 252	12 255	22 837	18 679	17 202	19 253	6 762
Feed for livestock and poultry ----- farms, 1987..	532	615	317	514	787	1 126	910	489
1982..	618	763	417	598	979	1 195	1 133	536
\$1,000, 1987..	9 086	8 472	6 247	7 996	11 543	13 035	15 054	4 168
1982..	12 939	7 781	7 548	10 282	15 469	10 870	16 167	5 936
Commercially mixed formula feeds ----- farms, 1987..	198	360	134	229	398	597	417	265
1982..	283	404	194	262	461	627	472	1 222
\$1,000, 1987..	5 272	4 178	1 551	2 875	4 932	5 836	4 734	1 426
1982..	7 573	3 747	3 550	3 761	6 286	4 462	7 014	2 513
Seeds, bulbs, plants, and trees ----- farms, 1987..	728	811	698	681	927	1 049	1 183	616
1982..	785	908	793	762	928	1 199	1 286	724
\$1,000, 1987..	2 124	2 659	3 051	2 652	3 191	2 289	4 248	1 928
1982..	2 541	2 890	3 156	2 446	3 120	2 845	4 472	2 116
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	719	781	677	647	841	1 057	1 089	566
1982..	732	830	698	704	882	1 086	1 103	634
\$1,000, 1987..	3 579	4 323	4 191	3 940	5 150	4 290	6 246	3 772
1982..	4 945	4 613	5 689	4 309	6 566	5 936	7 710	4 467
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	736	751	683	659	912	1 032	1 162	635
1982..	733	783	725	687	835	1 066	1 189	637
\$1,000, 1987..	2 588	3 147	3 074	2 674	3 308	1 861	4 369	1 958
1982..	2 644	2 538	3 212	2 369	3 395	2 374	4 390	2 124
Petroleum products ----- farms, 1987..	863	911	735	757	1 011	1 256	1 397	754
1982..	946	1 050	848	874	1 150	1 415	1 575	885
\$1,000, 1987..	2 164	2 938	2 479	2 344	3 145	3 342	3 996	2 195
1982..	3 951	5 545	4 642	4 267	5 553	5 511	6 839	3 368
Gasoline and gasohol ----- farms, 1987..	709	843	579	578	840	1 189	1 244	662
1982..	853	1 009	790	781	1 051	1 336	1 498	775
\$1,000, 1987..	698	1 118	664	747	1 047	1 481	1 351	812
1982..	1 202	2 022	1 397	1 613	2 002	2 594	2 560	1 126
Diesel fuel ----- farms, 1987..	561	636	603	588	798	771	970	552
1982..	577	697	664	633	833	876	1 028	570
\$1,000, 1987..	913	1 094	1 294	1 229	1 404	1 191	1 709	901
1982..	1 542	1 704	2 034	1 727	2 047	1 723	2 673	1 438
Natural gas ----- farms, 1987..	38	27	42	31	60	31	37	18
1982..	11	7	21	18	9	45	26	26
\$1,000, 1987..	59	65	32	16	66	41	66	10
1982..	23	11	21	6	45	73	24	40
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	729	808	675	676	872	1 031	1 185	662
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	493	661	488	352	629	630	870	472
1982..	1 184	1 808	1 191	920	1 458	1 121	1 582	784
Electricity ----- farms, 1987..	741	860	607	700	925	1 174	1 219	682
1982..	769	913	774	753	1 001	1 283	1 307	684
\$1,000, 1987..	747	1 181	772	1 059	1 250	1 656	1 761	679
1982..	841	1 210	1 051	1 166	1 319	1 593	1 636	750
Hired farm labor ----- farms, 1987..	389	439	381	514	464	560	724	315
1982..	293	423	345	490	378	639	639	322
\$1,000, 1987..	2 080	2 250	2 407	2 385	3 440	2 833	3 718	1 331
1982..	1 330	1 798	1 607	1 455	2 157	2 430	3 365	1 186
Contract labor ----- farms, 1987..	59	49	81	47	68	94	115	28
1982..	29	34	38	42	3	15	40	32
\$1,000, 1987..	89	56	171	102	139	88	231	75
1982..	(D)	42	128	100	(D)	35	98	68
Repair and maintenance ----- farms, 1987..	791	832	653	715	942	1 190	1 217	679
\$1,000, 1987..	2 828	3 471	3 218	3 278	4 589	4 950	5 251	2 423
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	405	446	345	447	620	773	709	348
1982..	376	560	377	520	549	757	793	394
\$1,000, 1987..	917	1 477	942	1 409	1 282	1 417	1 773	825
1982..	706	1 041	704	1 112	1 521	1 334	1 729	566
Interest paid <sup>3</sup> ----- farms, 1987..	572	694	480	572	728	871	888	449
1982..	678	712	583	523	803	986	1 090	554
\$1,000, 1987..	4 666	5 444	4 679	4 793	6 545	6 763	6 957	2 995
1982..	8 449	7 809	9 671	7 207	10 613	11 523	14 387	6 193
Interest paid on debt: ----- farms, 1987..	378	516	283	355	546	692	600	314
Secured by real estate ----- farms, 1987..	378	516	283	355	546	692	600	314
\$1,000, 1987..	3 128	3 817	2 721	2 852	4 745	4 681	4 847	1 965
Not secured by real estate ----- farms, 1987..	359	406	312	395	392	400	485	233
\$1,000, 1987..	1 538	1 627	1 958	1 940	1 800	2 082	2 110	1 031
Cash rent ----- farms, 1987..	290	324	363	396	416	479	562	203
\$1,000, 1987..	2 926	3 291	4 400	5 556	4 731	4 285	6 541	1 930
Property taxes paid ----- farms, 1987..	769	823	558	629	930	1 215	1 167	681
\$1,000, 1987..	2 370	2 385	1 661	1 502	3 097	2 620	3 617	1 850
All other farm production expenses ----- farms, 1987..	659	916	738	772	1 051	1 313	1 396	720
\$1,000, 1987..	3 379	4 632	4 343	4 033	5 737	5 851	6 111	2 952

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses ----- farms, 1987..	1 356	1 161	1 036	1 717	989	1 698	635	691
----- \$1,000, 1987..	73 709	93 079	62 938	123 769	44 558	77 724	33 806	19 456
Average per farm ----- dollars, 1987..	54 357	80 171	60 751	72 084	45 053	46 045	53 238	28 156
Livestock and poultry purchased ----- farms, 1987..	601	649	418	657	340	626	227	238
----- 1982..	713	718	518	828	458	755	260	354
----- \$1,000, 1987..	11 232	24 464	7 785	18 591	7 694	12 303	3 058	1 823
----- 1982..	10 886	16 456	9 665	25 219	8 546	10 442	3 607	3 727
Feed for livestock and poultry ----- farms, 1987..	844	848	699	841	575	951	306	413
----- 1982..	1 054	1 073	886	1 033	686	1 076	423	550
----- \$1,000, 1987..	17 648	16 609	10 690	17 404	7 721	9 671	3 957	3 339
----- 1982..	17 650	13 756	15 517	22 413	9 225	8 602	5 095	4 245
Commercially mixed formula feeds ----- farms, 1987..	521	481	281	410	288	495	136	196
----- 1982..	596	580	407	533	350	586	226	212
----- \$1,000, 1987..	10 510	6 767	4 269	6 738	2 988	3 476	1 479	920
----- 1982..	10 152	7 465	6 859	10 460	4 334	4 661	2 031	1 597
Seeds, bulbs, plants, and trees ----- farms, 1987..	1 104	1 002	859	1 596	850	1 421	572	504
----- 1982..	1 304	1 111	1 025	1 738	894	1 573	624	583
----- \$1,000, 1987..	3 158	3 474	3 278	6 717	2 209	4 254	2 194	1 033
----- 1982..	3 293	3 393	3 097	6 985	2 051	4 173	2 439	939
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	1 006	928	825	1 547	787	1 243	563	478
----- 1982..	1 105	1 026	837	1 518	811	1 350	566	431
----- \$1,000, 1987..	5 091	5 934	6 144	10 184	3 855	5 911	3 456	1 692
----- 1982..	6 670	8 135	6 553	11 094	4 378	7 961	4 577	1 769
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	1 059	923	852	1 600	826	1 342	582	501
----- 1982..	1 062	1 026	909	1 545	794	1 357	616	446
----- \$1,000, 1987..	3 500	3 279	3 967	6 507	2 417	3 751	2 449	838
----- 1982..	3 738	3 880	3 799	6 911	2 453	4 791	2 549	1 023
Petroleum products ----- farms, 1987..	1 295	1 126	986	1 665	955	1 617	617	641
----- 1982..	1 493	1 307	1 193	1 895	1 060	1 788	699	769
----- \$1,000, 1987..	3 496	3 814	3 774	7 143	2 207	3 971	2 016	1 200
----- 1982..	5 723	6 150	5 831	12 529	4 015	6 417	3 412	2 132
Gasoline and gasohol ----- farms, 1987..	1 111	995	791	1 417	840	1 474	512	570
----- 1982..	1 359	1 240	1 018	1 804	1 025	1 669	638	722
----- \$1,000, 1987..	1 110	1 451	1 022	2 144	854	1 442	597	521
----- 1982..	2 145	2 429	1 864	4 229	1 591	2 374	1 038	1 011
Diesel fuel ----- farms, 1987..	925	719	746	1 472	644	1 068	463	324
----- 1982..	994	850	890	1 578	678	988	559	400
----- \$1,000, 1987..	1 476	1 356	1 712	3 322	929	1 558	903	464
----- 1982..	2 052	2 028	2 276	4 858	1 333	2 174	1 399	755
Natural gas ----- farms, 1987..	51	63	54	127	33	79	24	15
----- 1982..	41	35	27	36	39	58	23	3
----- \$1,000, 1987..	52	48	95	180	37	64	34	17
----- 1982..	42	47	48	59	59	143	21	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	1 108	954	860	1 571	740	1 379	543	500
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	857	959	945	1 498	387	907	483	197
----- 1982..	1 484	1 646	1 643	3 382	1 032	1 728	955	(D)
Electricity ----- farms, 1987..	1 175	1 032	866	1 520	851	1 401	555	558
----- 1982..	1 155	1 129	1 000	1 693	855	1 443	523	543
----- \$1,000, 1987..	1 363	1 535	1 160	2 280	873	1 601	555	378
----- 1982..	1 258	1 470	1 280	2 495	734	1 524	638	500
Hired farm labor ----- farms, 1987..	557	497	439	1 006	309	674	230	244
----- 1982..	524	524	405	861	339	651	264	210
----- \$1,000, 1987..	3 196	3 182	2 661	5 156	1 689	4 045	1 757	653
----- 1982..	2 390	2 424	1 587	3 952	1 497	2 609	1 131	332
Contract labor ----- farms, 1987..	93	95	51	120	78	131	36	32
----- 1982..	67	42	25	80	31	65	14	10
----- \$1,000, 1987..	200	182	147	255	89	350	108	22
----- 1982..	466	87	109	121	86	157	96	21
Repair and maintenance ----- farms, 1987..	1 162	989	904	1 541	872	1 432	553	563
----- \$1,000, 1987..	4 530	5 101	4 271	8 157	2 951	5 060	2 354	1 626
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	735	719	562	943	410	914	279	354
----- 1982..	754	775	472	819	493	883	363	320
----- \$1,000, 1987..	1 557	1 852	1 018	2 255	675	2 072	840	598
----- 1982..	1 355	1 597	880	1 873	812	1 863	679	509
Interest paid <sup>3</sup> ----- farms, 1987..	777	717	638	1 134	533	901	396	373
----- 1982..	974	893	777	1 354	572	1 015	490	413
----- \$1,000, 1987..	6 201	8 121	5 762	11 924	4 238	8 121	4 005	2 055
----- 1982..	9 749	12 404	11 334	20 739	5 817	10 875	6 348	4 127
Interest paid on debt: ----- farms, 1987..	496	414	467	727	413	714	243	251
Secured by real estate ----- \$1,000, 1987..	4 027	4 901	4 000	8 675	3 103	5 870	2 955	1 475
Not secured by real estate ----- farms, 1987..	483	453	335	720	275	432	259	215
----- \$1,000, 1987..	2 174	3 220	1 762	3 250	1 135	2 251	1 051	580
Cash rent ----- farms, 1987..	423	521	380	991	248	604	258	179
----- \$1,000, 1987..	4 264	6 524	4 614	13 687	2 245	6 851	2 755	1 186
Property taxes paid ----- farms, 1987..	1 198	945	901	1 328	940	1 427	505	584
----- \$1,000, 1987..	3 204	2 789	2 821	3 648	2 330	3 963	1 651	1 098
All other farm production expenses ----- farms, 1987..	1 282	1 100	1 014	1 677	929	1 602	617	645
----- \$1,000, 1987..	5 070	6 209	4 845	9 859	3 365	5 801	2 657	1 917

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total farm production expenses ----- farms, 1987 ..	1 234	1 059	1 193	1 131	1 072	641	939	853
\$1,000, 1987 ..	99 059	44 124	80 835	45 506	67 296	37 000	72 394	55 454
Average per farm ----- dollars, 1987 ..	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Livestock and poultry purchased ----- farms, 1987 ..	767	455	603	417	438	206	512	311
1982 ..	834	489	679	573	483	313	501	385
\$1,000, 1987 ..	33 013	4 680	18 528	5 734	11 583	8 069	14 561	12 163
1982 ..	35 397	8 031	18 278	7 598	10 605	11 749	14 092	14 438
Feed for livestock and poultry ----- farms, 1987 ..	872	696	836	663	589	279	642	399
1982 ..	1 032	830	955	780	746	428	669	522
\$1,000, 1987 ..	18 788	9 621	15 660	7 637	8 450	4 481	14 608	4 751
1982 ..	20 860	7 051	19 733	10 742	10 917	5 763	13 583	6 670
Commercially mixed formula feeds ----- farms, 1987 ..	497	377	443	396	272	134	417	169
1982 ..	596	368	464	344	360	176	408	262
\$1,000, 1987 ..	8 935	6 983	7 097	3 850	2 831	2 669	7 802	1 546
1982 ..	9 300	3 625	8 064	5 087	4 615	2 164	7 402	3 070
Seeds, bulbs, plants, and trees ----- farms, 1987 ..	1 106	752	1 053	935	848	593	737	770
1982 ..	1 254	848	1 087	954	996	569	908	774
\$1,000, 1987 ..	3 507	1 874	3 287	2 640	3 727	2 192	3 003	3 572
1982 ..	3 369	1 917	3 164	2 373	3 450	2 085	3 394	3 193
Commercial fertilizer <sup>1</sup> ----- farms, 1987 ..	1 017	674	1 023	840	781	551	663	744
1982 ..	1 081	698	883	761	897	524	792	761
\$1,000, 1987 ..	4 807	2 638	4 882	3 135	4 790	3 246	4 236	5 768
1982 ..	4 939	3 071	5 054	3 370	6 244	4 294	4 826	6 652
Agricultural chemicals <sup>1</sup> ----- farms, 1987 ..	1 072	725	974	841	873	608	715	743
1982 ..	1 034	771	991	812	906	531	829	730
\$1,000, 1987 ..	2 947	2 001	3 592	2 361	3 915	2 161	3 243	3 656
1982 ..	2 991	2 235	3 035	2 242	4 301	2 813	3 424	3 551
Petroleum products ----- farms, 1987 ..	1 192	1 020	1 136	1 075	1 029	607	880	830
1982 ..	1 368	1 133	1 265	1 205	1 189	666	1 004	926
\$1,000, 1987 ..	3 751	2 017	3 469	2 428	3 428	1 856	3 354	3 124
1982 ..	5 783	3 746	5 699	4 122	5 743	3 491	5 423	4 638
Gasoline and gasohol ----- farms, 1987 ..	1 077	865	961	983	945	517	782	740
1982 ..	1 287	1 085	1 178	1 112	1 092	578	934	885
\$1,000, 1987 ..	1 251	704	1 049	750	1 165	621	1 068	1 069
1982 ..	2 258	1 618	1 957	1 826	1 902	1 049	1 836	1 714
Diesel fuel ----- farms, 1987 ..	1 054	614	899	647	796	453	612	607
1982 ..	1 101	589	903	694	733	461	718	660
\$1,000, 1987 ..	1 727	884	1 550	1 084	1 444	935	1 300	1 659
1982 ..	2 252	1 202	2 116	1 392	1 985	1 719	1 682	2 216
Natural gas ----- farms, 1987 ..	64	51	35	60	49	24	46	26
1982 ..	55	43	21	26	24	27	8	30
\$1,000, 1987 ..	65	29	106	93	68	13	59	11
1982 ..	68	29	88	90	92	28	3	63
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987 ..	1 114	717	986	893	876	551	795	724
1982 ..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987 ..	708	399	764	501	751	286	927	386
1982 ..	1 205	897	1 539	823	1 764	696	1 901	645
Electricity ----- farms, 1987 ..	1 074	907	1 004	930	919	499	833	686
1982 ..	1 172	857	1 056	900	999	540	816	739
\$1,000, 1987 ..	1 597	922	1 858	1 168	1 474	698	1 314	986
1982 ..	1 480	714	1 790	1 083	1 328	(D)	1 226	1 077
Hired farm labor ----- farms, 1987 ..	599	412	496	566	524	260	427	435
1982 ..	746	390	479	475	551	240	474	330
\$1,000, 1987 ..	3 008	2 900	3 941	2 949	4 109	1 629	2 864	2 202
1982 ..	2 421	1 163	2 822	1 770	3 182	1 096	1 817	1 535
Contract labor ----- farms, 1987 ..	100	81	93	60	68	32	59	141
1982 ..	18	35	40	59	20	44	37	89
\$1,000, 1987 ..	176	496	265	153	124	121	128	315
1982 ..	24	34	97	98	185	92	71	135
Repair and maintenance ----- farms, 1987 ..	1 038	890	1 041	974	938	508	850	723
\$1,000, 1987 ..	4 580	3 366	4 669	3 108	4 297	2 436	4 161	3 483
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987 ..	782	503	616	600	609	376	555	527
1982 ..	732	556	613	522	606	327	512	455
\$1,000, 1987 ..	1 216	690	1 366	1 110	1 428	1 244	1 655	1 416
1982 ..	1 981	748	1 359	789	1 741	1 250	1 219	1 172
Interest paid <sup>3</sup> ----- farms, 1987 ..	845	704	763	702	678	413	617	497
1982 ..	975	762	796	688	765	497	711	622
\$1,000, 1987 ..	6 956	3 558	7 013	4 343	5 667	2 959	6 606	3 968
1982 ..	10 794	6 919	10 804	5 601	10 590	5 278	9 385	8 840
Interest paid on debt: Secured by real estate ----- farms, 1987 ..	522	411	516	501	385	258	469	325
\$1,000, 1987 ..	4 114	2 587	4 401	2 864	3 616	1 891	4 758	2 387
Not secured by real estate ----- farms, 1987 ..	615	420	445	456	455	259	417	315
\$1,000, 1987 ..	2 842	971	2 611	1 479	2 050	1 069	1 848	1 581
Cash rent ----- farms, 1987 ..	646	314	389	328	382	176	356	267
\$1,000, 1987 ..	6 182	2 435	4 200	2 697	6 596	1 824	5 554	3 927
Property taxes paid ----- farms, 1987 ..	923	935	1 019	957	899	543	840	726
\$1,000, 1987 ..	1 856	2 000	2 774	2 153	2 593	1 512	2 274	1 984
All other farm production expenses ----- farms, 1987 ..	1 233	1 030	1 159	1 052	1 047	606	888	822
\$1,000, 1987 ..	6 675	4 928	5 333	3 889	5 117	2 571	4 833	4 140

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total farm production expenses ----- farms, 1987 ..	736	701	900	1 233	731	1 014	934	1 740
\$1,000, 1987 ..	24 993	39 898	45 873	114 485	52 776	52 150	64 467	134 679
Average per farm ----- dollars, 1987 ..	33 958	56 916	50 970	92 850	72 197	51 430	69 022	77 402
Livestock and poultry purchased ----- farms, 1987 ..	254	323	360	542	326	423	401	1 044
1982 ..	367	354	452	671	388	508	371	1 078
\$1,000, 1987 ..	4 555	8 825	5 730	35 703	12 450	9 214	12 055	42 134
1982 ..	6 722	10 581	8 563	41 014	18 420	13 044	13 097	41 027
Feed for livestock and poultry ----- farms, 1987 ..	506	507	506	689	418	643	472	1 271
1982 ..	521	511	653	866	522	749	536	1 437
\$1,000, 1987 ..	3 782	5 121	6 003	21 665	9 134	5 991	8 905	25 414
1982 ..	4 921	5 182	6 002	25 156	12 046	7 624	10 025	28 340
Commercially mixed formula feeds ----- farms, 1987 ..	212	235	265	324	167	282	220	648
1982 ..	183	286	325	443	272	377	272	667
\$1,000, 1987 ..	1 497	2 294	2 357	7 121	3 194	2 174	2 268	8 580
1982 ..	2 649	2 232	3 423	6 633	4 254	3 029	4 584	9 041
Seeds, bulbs, plants, and trees ----- farms, 1987 ..	566	559	752	1 138	645	894	883	1 426
1982 ..	545	604	882	1 178	737	870	912	1 640
\$1,000, 1987 ..	1 107	2 307	2 399	4 297	2 375	4 483	3 590	4 810
1982 ..	771	2 121	2 547	3 755	3 031	2 519	3 956	5 009
Commercial fertilizer <sup>1</sup> ----- farms, 1987 ..	488	572	671	1 016	639	809	845	1 385
1982 ..	414	514	786	1 039	673	750	805	1 418
\$1,000, 1987 ..	1 899	3 455	4 109	6 726	3 300	3 459	5 608	7 086
1982 ..	1 537	3 253	5 486	6 142	4 302	3 659	6 310	8 608
Agricultural chemicals <sup>1</sup> ----- farms, 1987 ..	545	569	714	1 084	664	880	860	1 456
1982 ..	432	532	797	1 095	628	729	773	1 441
\$1,000, 1987 ..	1 042	2 232	2 716	3 739	2 251	2 524	3 529	4 484
1982 ..	765	2 518	3 000	3 761	2 596	2 354	3 650	4 630
Petroleum products ----- farms, 1987 ..	727	679	888	1 210	706	954	914	1 655
1982 ..	761	769	995	1 337	833	1 041	1 015	1 874
\$1,000, 1987 ..	1 461	2 334	2 478	4 260	2 454	2 361	3 409	4 976
1982 ..	1 758	3 816	4 528	5 791	5 093	4 076	6 018	9 116
Gasoline and gasohol ----- farms, 1987 ..	594	552	769	1 039	617	829	805	1 483
1982 ..	723	671	920	1 262	777	964	949	1 759
\$1,000, 1987 ..	704	728	780	1 382	806	935	1 118	1 915
1982 ..	750	1 318	1 584	1 990	1 661	1 453	1 759	3 516
Diesel fuel ----- farms, 1987 ..	481	468	570	977	555	686	782	1 195
1982 ..	400	519	679	1 027	653	790	809	1 372
\$1,000, 1987 ..	538	990	990	1 991	1 127	1 095	1 624	2 063
1982 ..	694	1 436	1 668	2 273	2 103	1 960	2 643	3 468
Natural gas ----- farms, 1987 ..	9	73	63	35	24	19	66	103
1982 ..	45	30	56	50	18	6	35	42
\$1,000, 1987 ..	(D)	203	65	40	40	28	80	69
1982 ..	24	170	57	104	46	2	74	49
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987 ..	570	612	738	1 009	628	844	820	1 454
1982 ..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987 ..	(D)	414	643	848	481	303	588	930
1982 ..	290	893	1 218	1 424	1 282	661	1 542	2 083
Electricity ----- farms, 1987 ..	586	613	756	1 083	624	884	835	1 513
1982 ..	554	809	809	1 087	696	891	868	1 551
\$1,000, 1987 ..	412	622	922	1 923	907	949	1 168	2 429
1982 ..	410	759	1 031	1 613	983	1 047	1 205	2 589
Hired farm labor ----- farms, 1987 ..	278	241	291	638	347	465	531	871
1982 ..	201	260	362	666	325	326	569	901
\$1,000, 1987 ..	810	1 946	2 326	3 489	1 731	4 783	2 630	3 807
1982 ..	484	1 378	2 394	2 819	1 235	3 997	2 521	3 057
Contract labor ----- farms, 1987 ..	18	44	32	67	35	52	108	183
1982 ..	4	5	24	15	39	11	29	84
\$1,000, 1987 ..	33	109	48	496	104	105	219	398
1982 ..	(D)	19	52	13	54	8	153	127
Repair and maintenance ----- farms, 1987 ..	616	631	752	1 028	650	899	886	1 515
\$1,000, 1987 ..	1 574	2 748	2 891	5 068	3 163	3 038	4 234	7 167
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987 ..	303	428	405	756	395	640	474	1 014
1982 ..	371	400	469	739	356	538	447	1 068
\$1,000, 1987 ..	557	991	1 044	1 581	1 104	1 550	1 517	2 389
1982 ..	483	905	867	1 470	656	1 130	1 219	2 533
Interest paid <sup>3</sup> ----- farms, 1987 ..	401	435	567	843	468	639	653	1 155
1982 ..	440	479	578	942	626	681	726	1 280
\$1,000, 1987 ..	2 632	2 808	5 238	8 397	3 895	4 392	6 023	8 381
1982 ..	4 254	6 763	7 622	13 569	10 959	8 473	10 769	16 368
Interest paid on debt: Secured by real estate ----- farms, 1987 ..	295	242	394	582	277	405	407	783
\$1,000, 1987 ..	1 841	1 862	3 410	5 685	2 485	2 363	4 334	5 552
Not secured by real estate ----- farms, 1987 ..	203	287	328	512	350	369	369	697
\$1,000, 1987 ..	792	946	1 827	2 712	1 410	2 009	1 689	2 829
Cash rent ----- farms, 1987 ..	174	210	400	673	395	332	420	928
\$1,000, 1987 ..	1 556	1 941	4 072	7 484	5 016	2 433	4 752	9 363
Property taxes paid ----- farms, 1987 ..	686	574	724	1 014	582	888	749	1 439
\$1,000, 1987 ..	1 338	1 429	2 155	2 282	1 237	2 194	2 327	2 970
All other farm production expenses ----- farms, 1987 ..	712	685	872	1 203	726	981	929	1 701
\$1,000, 1987 ..	2 236	2 823	3 743	7 373	3 654	4 675	4 499	8 873

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total farm production expenses ----- farms, 1987..	987	1 001	1 651	1 047	701	1 035	973	1 177
----- \$1,000, 1987..	67 692	38 065	109 389	57 113	28 010	97 631	65 076	79 578
Average per farm ----- dollars, 1987..	68 584	38 027	66 256	54 549	39 957	94 329	66 881	67 611
Livestock and poultry purchased ----- farms, 1987..	368	299	772	460	320	480	410	547
----- 1982..	420	368	864	575	350	563	487	672
----- \$1,000, 1987..	12 261	2 955	27 917	8 471	4 186	28 172	12 317	19 464
----- 1982..	15 467	4 626	47 497	10 562	6 223	33 949	12 641	24 235
Feed for livestock and poultry ----- farms, 1987..	503	360	1 018	679	527	652	588	829
----- 1982..	513	592	1 226	817	588	809	743	1 006
----- \$1,000, 1987..	11 068	2 614	11 255	8 142	4 383	16 520	9 236	12 935
----- 1982..	9 632	4 025	18 174	10 011	5 170	22 309	13 197	14 480
Commercially mixed formula feeds ----- farms, 1987..	271	139	396	276	162	331	379	366
----- 1982..	245	280	571	425	215	409	402	333
----- \$1,000, 1987..	3 950	1 181	3 767	3 553	1 596	6 043	4 087	4 488
----- 1982..	4 160	1 930	5 741	5 174	1 597	8 967	7 234	4 964
Seeds, bulbs, plants, and trees ----- farms, 1987..	924	757	1 349	884	541	880	794	1 028
----- 1982..	1 025	825	1 549	989	644	1 023	962	1 169
----- \$1,000, 1987..	3 738	2 961	5 476	3 072	1 319	3 486	3 267	3 363
----- 1982..	4 353	2 694	5 262	2 989	1 345	4 057	3 496	3 458
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	862	687	1 247	810	515	817	723	989
----- 1982..	921	732	1 340	897	589	867	858	1 048
----- \$1,000, 1987..	5 255	4 227	7 931	4 813	2 169	5 015	4 645	5 904
----- 1982..	6 236	3 998	10 219	5 724	3 128	6 889	7 412	6 182
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	872	726	1 318	900	515	838	816	1 021
----- 1982..	953	761	1 326	888	604	915	841	998
----- \$1,000, 1987..	3 481	2 564	6 264	3 040	1 420	3 495	3 301	3 345
----- 1982..	4 105	2 733	6 139	2 919	1 669	4 044	4 190	2 936
Petroleum products ----- farms, 1987..	965	945	1 583	1 020	682	986	929	1 112
----- 1982..	1 105	1 098	1 828	1 152	776	1 132	1 097	1 317
----- \$1,000, 1987..	3 319	2 202	5 497	3 087	1 707	3 681	3 319	3 703
----- 1982..	6 147	3 406	9 275	5 302	3 243	6 907	5 143	5 909
Gasoline and gasohol ----- farms, 1987..	815	759	1 345	892	555	913	815	1 033
----- 1982..	994	933	1 692	1 064	738	1 050	1 014	1 204
----- \$1,000, 1987..	1 007	605	1 679	1 056	609	1 227	1 059	1 326
----- 1982..	1 899	1 081	2 936	2 044	1 287	2 502	1 577	2 061
Diesel fuel ----- farms, 1987..	806	566	1 175	748	440	739	696	830
----- 1982..	959	636	1 255	806	490	805	795	1 031
----- \$1,000, 1987..	1 557	1 114	2 665	1 344	785	1 731	1 278	1 571
----- 1982..	2 849	1 349	4 045	1 896	1 251	2 871	1 979	2 341
Natural gas ----- farms, 1987..	98	43	76	51	11	49	33	85
----- 1982..	33	30	57	38	5	13	46	39
----- \$1,000, 1987..	96	49	229	58	19	47	90	146
----- 1982..	51	111	137	38	1	31	64	76
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	899	679	1 341	905	585	884	762	1 058
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	659	434	925	628	293	676	892	660
----- 1982..	1 349	865	2 157	1 323	704	1 503	1 522	1 431
Electricity ----- farms, 1987..	864	729	1 408	889	625	941	809	1 084
----- 1982..	906	780	1 517	973	650	1 013	935	1 127
----- \$1,000, 1987..	1 211	602	2 183	1 098	584	1 475	1 133	1 737
----- 1982..	1 249	634	2 096	1 261	689	1 727	1 368	1 841
Hired farm labor ----- farms, 1987..	516	368	680	420	207	566	360	599
----- 1982..	514	421	755	471	339	542	441	526
----- \$1,000, 1987..	2 176	2 756	5 261	2 452	1 173	5 331	2 375	2 282
----- 1982..	1 732	1 886	3 340	2 017	1 004	3 031	2 421	2 193
Contract labor ----- farms, 1987..	40	112	148	56	35	102	77	95
----- 1982..	10	53	74	34	47	32	20	19
----- \$1,000, 1987..	109	615	495	229	108	344	203	171
----- 1982..	28	47	149	80	80	97	45	9
Repair and maintenance ----- farms, 1987..	902	789	1 495	928	634	934	847	1 087
----- \$1,000, 1987..	4 197	2 606	6 759	4 733	2 285	5 217	3 426	5 263
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	492	423	750	485	311	582	467	681
----- 1982..	461	529	849	514	332	589	530	614
----- \$1,000, 1987..	1 016	1 060	1 945	1 062	730	1 935	1 109	1 278
----- 1982..	1 172	946	1 918	992	488	1 504	947	1 081
Interest paid <sup>3</sup> ----- farms, 1987..	702	458	1 042	596	415	766	541	809
----- 1982..	836	632	1 124	799	484	756	747	914
----- \$1,000, 1987..	6 569	3 410	9 200	5 358	2 877	7 497	7 224	5 838
----- 1982..	12 017	6 001	16 425	9 331	5 765	14 723	10 376	10 735
Interest paid on debt: Secured by real estate ----- farms, 1987..	376	316	657	392	240	436	381	485
----- \$1,000, 1987..	3 963	2 460	5 553	3 719	2 094	4 664	5 137	3 316
Not secured by real estate ----- farms, 1987..	434	257	697	378	255	577	343	557
----- \$1,000, 1987..	2 606	950	3 647	1 639	782	2 833	2 087	2 522
Cash rent ----- farms, 1987..	427	262	619	418	242	465	473	585
----- \$1,000, 1987..	5 149	3 958	7 944	4 044	1 091	7 009	6 256	6 609
Property taxes paid ----- farms, 1987..	732	866	1 361	860	571	828	820	946
----- \$1,000, 1987..	1 875	2 177	3 564	2 192	1 294	2 242	3 122	2 472
All other farm production expenses ----- farms, 1987..	962	931	1 621	1 032	684	1 016	935	1 167
----- \$1,000, 1987..	6 270	3 360	7 698	5 320	2 684	6 213	4 142	5 215

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total farm production expenses ----- farms, 1987..	2 014	1 139	1 404	774	694	783	899	1 310
\$1,000, 1987..	275 493	73 684	80 531	28 872	30 158	25 801	27 999	40 075
Average per farm ----- dollars, 1987..	136 789	64 692	57 358	37 302	43 456	32 952	31 145	30 591
Livestock and poultry purchased ----- farms, 1987..	1 260	363	607	302	282	244	354	496
1982..	1 320	472	735	328	359	293	391	468
\$1,000, 1987..	115 970	13 361	11 351	3 591	7 814	3 002	4 480	5 877
1982..	104 102	10 791	14 351	4 298	5 479	3 221	4 004	4 505
Feed for livestock and poultry ----- farms, 1987..	1 430	523	888	479	479	477	524	773
1982..	1 651	677	1 078	710	562	629	575	965
\$1,000, 1987..	62 074	11 417	11 041	4 523	5 116	4 187	3 934	6 335
1982..	61 871	10 680	13 393	5 301	4 386	4 862	3 357	7 461
Commercially mixed formula feeds ----- farms, 1987..	661	279	382	224	164	267	256	407
1982..	821	300	406	230	202	262	217	389
\$1,000, 1987..	18 346	5 597	4 229	1 500	2 451	1 595	1 665	3 002
1982..	19 314	5 744	5 851	1 593	1 609	2 396	1 611	3 138
Seeds, bulbs, plants, and trees ----- farms, 1987..	1 625	934	1 240	673	526	612	622	978
1982..	1 745	1 048	1 313	761	650	738	771	964
\$1,000, 1987..	5 781	3 559	4 545	1 541	1 205	1 424	1 338	2 138
1982..	4 972	3 984	4 290	1 506	1 232	1 448	1 742	2 258
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	1 513	846	1 157	580	487	593	560	814
1982..	1 512	931	1 142	578	537	627	686	807
\$1,000, 1987..	8 512	5 161	6 764	2 305	1 858	2 494	2 380	2 798
1982..	8 352	6 353	7 879	2 513	2 309	2 948	3 711	3 844
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	1 649	919	1 165	603	528	624	557	887
1982..	1 587	962	1 135	648	607	570	731	928
\$1,000, 1987..	5 339	3 780	4 820	1 722	1 204	1 750	1 410	2 090
1982..	4 502	4 482	4 710	1 497	1 415	1 887	2 212	2 904
Petroleum products ----- farms, 1987..	1 906	1 092	1 352	745	650	767	850	1 185
1982..	2 095	1 234	1 501	887	766	877	959	1 369
\$1,000, 1987..	6 066	3 428	4 110	1 900	1 483	1 356	1 614	2 218
1982..	9 221	5 578	7 679	3 179	2 464	2 865	2 747	4 082
Gasoline and gasohol ----- farms, 1987..	1 668	929	1 201	628	564	671	686	1 014
1982..	2 000	1 121	1 455	848	732	832	728	1 209
\$1,000, 1987..	2 065	1 123	1 265	729	563	593	557	818
1982..	3 538	1 659	2 571	1 488	941	1 258	882	1 531
Diesel fuel ----- farms, 1987..	1 418	737	1 009	453	448	398	455	616
1982..	1 555	825	1 097	521	385	496	602	683
\$1,000, 1987..	2 847	1 555	1 695	839	615	522	741	944
1982..	3 610	2 118	2 585	1 149	660	1 006	1 197	1 584
Natural gas ----- farms, 1987..	61	61	62	38	33	25	18	47
1982..	80	27	73	11	52	1	19	12
\$1,000, 1987..	42	71	124	42	33	13	14	52
1982..	37	78	179	3	393	(D)	7	10
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	1 651	869	1 175	600	529	607	632	889
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	1 112	680	1 026	290	271	228	302	403
1982..	2 037	1 723	2 344	539	470	(D)	662	957
Electricity ----- farms, 1987..	1 791	946	1 181	586	614	591	657	1 021
1982..	1 897	988	1 212	748	573	643	730	983
\$1,000, 1987..	3 381	1 472	1 596	665	(D)	566	457	845
1982..	3 493	(D)	1 768	792	471	611	718	1 018
Hired farm labor ----- farms, 1987..	1 212	538	636	331	260	259	320	444
1982..	1 057	505	588	251	261	265	302	453
\$1,000, 1987..	10 046	4 302	3 771	1 077	1 178	1 276	1 104	2 246
1982..	5 436	3 460	2 902	945	928	995	891	2 131
Contract labor ----- farms, 1987..	123	105	76	56	37	42	73	117
1982..	80	64	57	53	7	16	37	72
\$1,000, 1987..	667	140	267	111	(D)	64	134	376
1982..	172	99	74	68	6	26	14	244
Repair and maintenance ----- farms, 1987..	1 705	1 039	1 209	698	569	673	706	1 070
\$1,000, 1987..	8 941	4 803	5 435	2 360	1 619	1 962	2 124	2 854
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	1 157	614	740	444	407	379	382	537
1982..	1 113	668	862	462	445	417	464	717
\$1,000, 1987..	2 487	1 806	1 628	685	723	615	591	831
1982..	2 604	2 079	1 823	795	700	776	653	1 163
Interest paid <sup>3</sup> ----- farms, 1987..	1 378	683	929	462	422	437	452	757
1982..	1 475	774	1 036	529	491	526	553	847
\$1,000, 1987..	13 705	6 532	7 182	2 880	2 410	2 300	2 780	4 012
1982..	23 919	10 942	14 129	5 026	5 185	6 106	4 815	8 807
Interest paid on debt: Secured by real estate ----- farms, 1987..	966	458	673	278	345	277	308	485
\$1,000, 1987..	8 638	4 315	5 381	1 794	1 886	1 541	2 149	2 734
Not secured by real estate ----- farms, 1987..	828	435	466	319	224	258	263	432
\$1,000, 1987..	5 067	2 217	1 801	1 085	524	759	631	1 278
Cash rent ----- farms, 1987..	1 061	452	596	212	189	119	226	223
\$1,000, 1987..	14 423	5 915	8 746	1 288	1 133	875	2 013	1 884
Property taxes paid ----- farms, 1987..	1 646	932	1 203	627	613	708	804	1 139
\$1,000, 1987..	3 049	2 505	3 246	1 333	1 531	1 551	1 408	2 281
All other farm production expenses ----- farms, 1987..	1 985	1 113	1 358	737	672	760	832	1 261
\$1,000, 1987..	15 052	5 503	6 028	2 892	2 301	2 380	2 232	3 289

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses ----- farms, 1987..	1 157	742	1 235	742	1 633	1 361	667	882
----- \$1,000, 1987..	83 690	26 097	72 827	44 526	86 449	98 327	44 646	58 845
Average per farm ----- dollars, 1987..	72 333	35 172	58 969	60 008	52 939	72 246	66 936	66 717
Livestock and poultry purchased ----- farms, 1987..	657	289	308	301	836	546	321	286
----- 1982..	589	357	385	300	967	735	325	375
----- \$1,000, 1987..	11 576	4 639	5 937	4 985	15 134	30 308	6 508	7 223
----- 1982..	11 757	4 722	9 097	5 009	13 148	32 928	9 627	10 700
Feed for livestock and poultry ----- farms, 1987..	859	508	471	344	1 300	779	440	359
----- 1982..	894	599	557	487	1 375	1 017	511	505
----- \$1,000, 1987..	22 470	3 186	12 921	4 887	16 621	14 258	7 040	5 758
----- 1982..	24 159	4 228	14 203	5 138	18 810	16 305	6 104	8 750
Commercially mixed formula feeds ----- farms, 1987..	453	268	192	219	804	328	234	233
----- 1982..	404	256	274	240	880	450	216	200
----- \$1,000, 1987..	12 725	1 382	7 589	2 193	8 254	4 030	3 217	3 261
----- 1982..	13 448	2 043	9 089	1 656	9 534	6 081	2 152	3 479
Seeds, bulbs, plants, and trees ----- farms, 1987..	977	558	1 084	669	1 373	1 086	571	831
----- 1982..	1 064	668	1 156	720	1 516	1 233	693	922
----- \$1,000, 1987..	3 255	1 267	4 208	2 819	3 139	4 147	2 446	4 127
----- 1982..	3 515	1 713	4 185	2 678	3 572	4 375	2 885	3 906
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	907	524	1 028	634	1 332	1 024	547	784
----- 1982..	889	615	1 056	619	1 337	1 125	619	837
----- \$1,000, 1987..	5 143	2 137	5 779	3 752	4 970	7 095	3 660	5 422
----- 1982..	7 122	3 577	7 687	5 302	5 688	9 128	4 679	6 214
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	954	515	1 068	663	1 341	1 087	597	826
----- 1982..	994	568	1 071	668	1 269	1 116	642	821
----- \$1,000, 1987..	3 567	1 341	4 734	2 771	2 723	4 412	2 717	4 167
----- 1982..	4 547	1 668	5 060	3 081	2 806	5 246	3 679	4 148
Petroleum products ----- farms, 1987..	1 128	716	1 174	736	1 558	1 299	644	875
----- 1982..	1 230	824	1 357	825	1 725	1 571	790	1 003
----- \$1,000, 1987..	3 948	1 619	3 937	2 509	4 437	3 767	2 432	3 183
----- 1982..	6 813	3 012	6 517	5 337	8 084	6 710	4 843	5 552
Gasoline and gasohol ----- farms, 1987..	934	622	979	665	1 469	1 139	589	757
----- 1982..	1 118	736	1 226	784	1 633	1 497	727	893
----- \$1,000, 1987..	1 220	686	1 216	756	1 610	1 362	664	871
----- 1982..	2 041	1 306	2 067	1 468	3 269	2 530	1 367	1 561
Diesel fuel ----- farms, 1987..	808	452	905	550	1 165	940	514	705
----- 1982..	874	563	1 063	633	1 172	1 030	584	848
----- \$1,000, 1987..	1 561	657	1 912	1 063	1 661	1 800	1 019	1 639
----- 1982..	2 601	1 169	2 928	1 777	2 499	2 932	1 656	2 397
Natural gas ----- farms, 1987..	33	15	72	41	73	54	59	38
----- 1982..	86	7	66	19	77	71	30	51
----- \$1,000, 1987..	56	11	63	40	104	44	82	30
----- 1982..	166	5	96	49	139	49	54	74
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	960	556	1 029	671	1 393	1 052	565	815
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	1 111	264	746	650	1 061	561	666	643
----- 1982..	2 006	532	1 426	2 043	2 177	1 199	1 766	1 520
Electricity ----- farms, 1987..	1 003	614	994	635	1 446	1 119	605	788
----- 1982..	1 034	634	1 084	728	1 533	1 263	664	848
----- \$1,000, 1987..	1 492	519	1 463	862	2 319	1 649	700	994
----- 1982..	1 663	588	1 303	1 091	2 616	1 955	(D)	(D)
Hired farm labor ----- farms, 1987..	548	259	611	394	816	722	350	500
----- 1982..	411	223	633	384	864	714	356	464
----- \$1,000, 1987..	4 100	611	5 006	1 321	3 481	3 151	1 332	2 628
----- 1982..	2 857	839	3 733	1 088	3 827	3 151	1 487	3 030
Contract labor ----- farms, 1987..	61	45	128	101	91	216	60	83
----- 1982..	20	16	65	48	66	65	16	21
----- \$1,000, 1987..	161	188	169	106	225	487	98	132
----- 1982..	94	23	137	42	223	216	40	41
Repair and maintenance ----- farms, 1987..	1 056	620	1 027	668	1 523	1 170	606	798
----- \$1,000, 1987..	5 129	1 999	5 065	2 583	6 444	5 107	2 627	4 099
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	618	353	532	395	1 085	817	416	488
----- 1982..	527	393	568	401	1 065	777	368	460
----- \$1,000, 1987..	1 271	636	1 019	946	2 071	2 124	684	1 384
----- 1982..	1 145	761	1 670	764	1 868	2 275	893	1 356
Interest paid <sup>3</sup> ----- farms, 1987..	680	441	675	577	1 062	766	458	592
----- 1982..	744	479	856	679	1 277	907	605	688
----- \$1,000, 1987..	6 263	2 413	6 080	5 585	7 881	6 745	4 134	6 673
----- 1982..	11 462	4 388	12 646	7 609	14 382	13 174	7 941	11 504
Interest paid on debt: ----- farms, 1987..	461	304	349	361	695	521	343	368
Secured by real estate ----- \$1,000, 1987..	4 352	1 645	3 935	3 518	5 706	4 206	2 974	4 544
Not secured by real estate ----- farms, 1987..	423	269	466	383	674	425	258	386
----- \$1,000, 1987..	1 911	768	2 145	2 067	2 175	2 539	1 161	2 129
Cash rent ----- farms, 1987..	408	161	492	404	587	464	348	395
----- \$1,000, 1987..	5 152	1 438	4 814	6 644	4 690	5 543	5 472	5 758
Property taxes paid ----- farms, 1987..	919	678	971	628	1 413	1 131	593	657
----- \$1,000, 1987..	2 666	1 541	2 644	1 459	3 781	3 143	1 641	2 091
All other farm production expenses ----- farms, 1987..	1 111	711	1 196	729	1 592	1 306	639	865
----- \$1,000, 1987..	7 496	2 563	9 051	3 317	8 533	6 390	3 156	5 205

<sup>1</sup>Data for 1987 include cost of custom applications.

<sup>2</sup>Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>NET CASH RETURN</b>							
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ..... farms, 1987..	105 184	971	688	1 061	891	851	1 435
..... \$1,000, 1987..	2 146 997	20 332	11 241	21 431	4 650	19 818	31 532
Average per farm.....dollars, 1987..	20 412	20 939	16 338	20 199	5 219	23 288	21 974
Farms with net gains <sup>2</sup> .....number, 1987..	74 987	716	532	792	539	667	1 087
..... \$1,000, 1987..	2 374 100	22 269	12 021	23 213	6 660	21 272	34 629
Average per farm.....dollars, 1987..	31 660	31 102	22 596	29 309	12 357	31 892	31 857
Farms with net losses.....number, 1987..	30 197	255	156	269	352	184	348
..... \$1,000, 1987..	227 103	1 937	780	1 782	2 011	1 454	3 097
Average per farm.....dollars, 1987..	7 521	7 596	5 001	6 623	5 712	7 901	8 899
<b>GOVERNMENT PAYMENTS</b>							
Total received..... farms, 1987..	75 203	749	478	736	434	658	1 063
..... \$1,000, 1987..	1 153 713	9 184	5 443	8 185	2 900	9 866	15 923
Average per farm.....dollars, 1987..	15 341	12 261	11 386	11 121	6 682	14 994	14 979
Amount received in cash..... farms, 1987..	70 106	705	432	671	371	612	1 005
..... \$1,000, 1987..	559 007	4 469	2 423	3 670	1 310	4 708	8 018
Value of commodity certificates received..... farms, 1987..	71 148	693	451	688	402	630	998
..... \$1,000, 1987..	594 706	4 715	3 020	4 515	1 590	5 158	7 905
<b>OTHER FARM-RELATED INCOME</b>							
Gross before taxes and expenses <sup>1</sup> ..... farms, 1987..	30 370	279	207	399	199	282	367
..... \$1,000, 1987..	132 008	1 219	434	848	360	1 720	1 558
Average per farm.....dollars, 1987..	4 347	4 369	2 095	2 125	1 809	6 099	4 245
Customwork and other agricultural services <sup>3</sup> ..... farms, 1987..	15 001	161	108	138	72	124	236
..... 1982..	16 921	176	109	169	100	127	277
..... \$1,000, 1987..	61 977	896	266	307	184	723	927
..... 1982..	64 815	617	358	447	188	667	1 153
Rental of farmland..... farms, 1987..	8 633	48	64	100	85	99	72
..... \$1,000, 1987..	58 000	282	108	338	159	928	479
Sales of forest products and Christmas trees..... farms, 1987..	710	-	-	65	8	-	15
..... \$1,000, 1987..	1 876	-	-	114	1	-	(D)
Other farm-related income sources..... farms, 1987..	11 908	107	74	218	57	97	92
..... \$1,000, 1987..	10 156	41	60	88	16	68	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total..... farms, 1987..	51 178	467	265	416	177	470	727
..... 1982..	28 931	298	132	157	109	260	441
..... \$1,000, 1987..	1 598 775	11 363	5 840	6 394	2 586	14 463	22 596
..... 1982..	1 047 057	7 960	2 874	3 017	1 468	7 656	16 700
Corn..... farms, 1987..	50 551	463	259	412	174	454	709
..... \$1,000, 1987..	1 298 123	9 412	4 614	6 230	2 172	11 979	17 292
Wheat..... farms, 1987..	61	1	1	-	-	-	-
..... \$1,000, 1987..	127	(D)	(D)	-	-	-	-
Soybeans..... farms, 1987..	14 094	116	59	16	34	136	240
..... \$1,000, 1987..	298 747	(D)	1 208	102	413	2 451	(D)
Sorghum, barley, and oats..... farms, 1987..	86	-	2	2	-	1	-
..... \$1,000, 1987..	190	-	(D)	(D)	-	(D)	-
Cotton..... farms, 1987..	-	-	-	-	-	-	-
..... \$1,000, 1987..	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms, 1987..	70	1	1	3	-	3	1
..... \$1,000, 1987..	1 587	(D)	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>NET CASH RETURN</b>							
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> .....							
farms, 1987--	1 271	1 029	1 140	1 331	1 097	1 294	992
\$1,000, 1987--	20 438	25 215	14 472	23 455	30 593	21 266	33 993
Average per farm .....	16 080	24 504	12 695	17 622	27 888	16 434	34 267
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Farms with net gains <sup>2</sup> .....	879	802	746	964	910	902	890
number, 1987--							
\$1,000, 1987--	23 165	27 351	17 194	26 172	34 474	24 336	34 736
Average per farm .....	26 354	34 103	23 048	27 150	37 883	26 980	39 029
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Farms with net losses .....	392	227	394	367	187	392	102
number, 1987--							
\$1,000, 1987--	2 728	2 136	2 721	2 718	3 881	3 070	743
Average per farm .....	6 958	9 409	6 907	7 405	20 755	7 831	7 281
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
<b>GOVERNMENT PAYMENTS</b>							
Total received .....							
farms, 1987--	862	742	725	916	888	924	827
\$1,000, 1987--	14 338	13 219	10 534	17 610	14 473	14 664	12 766
Average per farm .....	16 633	17 816	14 529	19 225	16 298	15 870	15 436
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Amount received in cash .....	813	711	673	866	853	866	776
farms, 1987--							
\$1,000, 1987--	7 058	6 436	5 409	8 873	7 037	7 035	6 306
Average per farm .....							
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Value of commodity certificates received .....	823	719	692	886	827	884	783
farms, 1987--							
\$1,000, 1987--	7 280	6 783	5 125	8 737	7 435	7 629	6 460
Average per farm .....							
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
<b>OTHER FARM-RELATED INCOME</b>							
Gross before taxes and expenses <sup>1</sup> .....							
farms, 1987--	480	281	373	408	277	306	235
\$1,000, 1987--	2 021	925	1 235	1 713	2 404	1 249	1 001
Average per farm .....	4 211	3 291	3 310	4 200	8 677	4 082	4 260
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Customwork and other agricultural services <sup>3</sup> .....							
farms, 1987--	263	119	144	176	112	183	175
1982--	198	177	200	195	232	227	212
\$1,000, 1987--	993	390	435	467	524	629	574
1982--	878	699	720	602	903	749	823
Average per farm .....							
farms, 1987--	127	73	125	168	86	66	34
\$1,000, 1987--	883	479	684	1 176	1 553	569	366
Average per farm .....							
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
Sales of forest products and Christmas trees .....	-	-	9	1	1	1	1
farms, 1987--							
\$1,000, 1987--	-	-	57	(D)	(D)	(D)	(D)
Average per farm .....							
farms, 1987--	206	139	141	119	151	91	66
\$1,000, 1987--	145	56	59	(D)	(D)	(D)	(D)
Average per farm .....							
farms, 1987--							
\$1,000, 1987--							
Average per farm .....							
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total .....							
farms, 1987--	662	521	535	671	658	696	600
1982--	355	322	312	399	357	421	414
\$1,000, 1987--	23 235	18 941	16 353	23 002	18 807	20 072	19 087
1982--	16 357	12 864	11 156	16 743	11 744	14 583	12 418
Average per farm .....							
farms, 1987--	655	516	530	668	650	691	595
\$1,000, 1987--	19 125	15 026	14 077	20 706	14 941	16 692	14 168
Average per farm .....							
farms, 1987--	-	2	-	-	1	-	-
\$1,000, 1987--	-	(D)	-	-	(D)	-	-
Average per farm .....							
farms, 1987--	182	154	145	125	180	196	222
\$1,000, 1987--	(D)	(D)	2 275	2 297	3 753	(D)	(D)
Average per farm .....							
farms, 1987--	1	-	-	-	1	1	2
\$1,000, 1987--	(D)	-	-	-	(D)	(D)	(D)
Average per farm .....							
farms, 1987--	-	-	-	-	-	-	-
\$1,000, 1987--	-	-	-	-	-	-	-
Average per farm .....							
farms, 1987--	1	-	-	-	1	-	-
\$1,000, 1987--	(D)	-	-	-	(D)	-	-
Average per farm .....							

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>NET CASH RETURN</b>							
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987 ..	1 321	942	1 170	929	1 091	1 054	697
----- \$1,000, 1987 ..	44 532	18 930	18 667	20 195	29 114	15 520	5 034
Average per farm ----- dollars, 1987 ..	33 711	20 096	15 954	21 739	26 685	14 725	7 223
Farms with net gains <sup>2</sup> ----- number, 1987 ..	1 090	715	857	631	826	634	388
----- \$1,000, 1987 ..	47 053	20 807	22 305	22 668	31 913	18 662	6 358
Average per farm ----- dollars, 1987 ..	43 168	29 101	26 027	35 924	38 636	29 435	16 386
Farms with net losses ----- number, 1987 ..	231	227	313	298	265	420	309
----- \$1,000, 1987 ..	2 521	1 877	3 639	2 473	2 800	3 142	1 323
Average per farm ----- dollars, 1987 ..	10 912	8 267	11 625	8 297	10 566	7 480	4 283
<b>GOVERNMENT PAYMENTS</b>							
Total received ----- farms, 1987 ..	999	739	875	713	852	790	441
----- \$1,000, 1987 ..	12 190	10 905	17 424	15 106	12 903	12 739	4 225
Average per farm ----- dollars, 1987 ..	12 202	14 757	19 913	21 187	15 144	16 126	9 579
Amount received in cash ----- farms, 1987 ..	940	682	835	673	818	729	382
----- \$1,000, 1987 ..	5 941	5 357	8 586	7 306	6 356	5 997	1 639
Value of commodity certificates received ----- farms, 1987 ..	946	687	838	679	824	751	412
----- \$1,000, 1987 ..	6 249	5 548	8 838	7 800	6 547	6 742	2 585
<b>OTHER FARM-RELATED INCOME</b>							
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987 ..	412	266	424	272	335	364	113
----- \$1,000, 1987 ..	1 681	1 180	2 467	1 340	1 196	1 246	400
Average per farm ----- dollars, 1987 ..	4 079	4 435	5 819	4 926	3 570	3 424	3 542
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987 ..	174	168	275	128	140	199	51
----- 1982 ..	216	138	195	160	195	146	107
----- \$1,000, 1987 ..	747	577	948	337	654	799	260
----- 1982 ..	936	518	878	733	763	429	366
Rental of farmland ----- farms, 1987 ..	94	63	128	90	80	65	44
----- \$1,000, 1987 ..	729	547	1 432	724	431	293	123
Sales of forest products and Christmas trees ----- farms, 1987 ..	1	7	8	17	7	-	8
----- \$1,000, 1987 ..	(D)	11	(D)	182	(Z)	-	14
Other farm-related income sources ----- farms, 1987 ..	260	47	62	88	180	213	29
----- \$1,000, 1987 ..	(D)	45	(D)	97	111	155	3
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total ----- farms, 1987 ..	710	488	629	569	625	603	208
----- 1982 ..	338	280	292	391	333	353	141
----- \$1,000, 1987 ..	18 222	14 924	21 484	25 045	17 636	19 643	3 260
----- 1982 ..	8 338	9 873	15 429	24 166	9 629	13 916	2 960
Corn ----- farms, 1987 ..	700	484	627	565	617	598	202
----- \$1,000, 1987 ..	14 608	12 522	19 326	19 529	13 521	16 252	2 402
Wheat ----- farms, 1987 ..	1	2	-	-	-	-	-
----- \$1,000, 1987 ..	(D)	(D)	-	-	-	-	-
Soybeans ----- farms, 1987 ..	207	110	116	212	213	171	63
----- \$1,000, 1987 ..	3 583	(D)	(D)	5 515	4 111	(D)	859
Sorghum, barley, and oats ----- farms, 1987 ..	2	-	1	-	2	1	-
----- \$1,000, 1987 ..	(D)	-	(D)	-	(D)	(D)	-
Cotton ----- farms, 1987 ..	-	-	-	-	-	-	-
----- \$1,000, 1987 ..	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987 ..	1	-	-	-	1	-	-
----- \$1,000, 1987 ..	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>NET CASH RETURN</b>							
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987 ..	877	1 706	1 438	1 339	1 081	921	715
----- \$1,000, 1987 ..	25 343	39 145	18 531	22 279	20 368	4 698	7 042
Average per farm ----- dollars, 1987 ..	28 897	22 946	12 887	16 639	18 842	5 101	9 849
Farms with net gains <sup>2</sup> ----- number, 1987 ..	687	1 231	936	938	641	479	424
----- \$1,000, 1987 ..	26 901	42 074	23 331	25 286	23 193	7 534	8 658
Average per farm ----- dollars, 1987 ..	39 157	34 179	24 927	26 958	36 183	15 728	20 421
Farms with net losses ----- number, 1987 ..	190	475	502	401	440	442	291
----- \$1,000, 1987 ..	1 558	2 929	4 800	3 007	2 825	2 836	1 617
Average per farm ----- dollars, 1987 ..	8 198	6 166	9 562	7 500	6 420	6 416	5 555
<b>GOVERNMENT PAYMENTS</b>							
Total received ----- farms, 1987 ..	712	1 177	1 037	989	720	457	382
----- \$1,000, 1987 ..	12 357	16 122	19 538	13 345	12 195	4 874	3 490
Average per farm ----- dollars, 1987 ..	17 355	13 697	18 840	13 493	16 938	10 664	9 136
Amount received in cash ----- farms, 1987 ..	667	1 076	986	933	658	398	313
----- \$1,000, 1987 ..	6 021	7 658	9 577	6 371	5 902	1 936	1 485
Value of commodity certificates received ----- farms, 1987 ..	680	1 122	983	934	685	413	351
----- \$1,000, 1987 ..	6 336	8 464	9 960	6 974	6 293	2 937	2 005
<b>OTHER FARM-RELATED INCOME</b>							
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987 ..	206	691	447	409	210	220	148
----- \$1,000, 1987 ..	1 352	2 385	2 324	2 447	1 327	591	315
Average per farm ----- dollars, 1987 ..	6 564	3 452	5 199	5 984	6 318	2 689	2 126
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987 ..	101	258	229	192	117	106	88
----- farms, 1982 ..	173	227	230	252	178	121	97
----- \$1,000, 1987 ..	570	1 164	881	682	986	325	190
----- \$1,000, 1982 ..	835	703	1 127	1 107	881	299	316
Rental of farmland ----- farms, 1987 ..	62	162	147	184	92	85	56
----- \$1,000, 1987 ..	664	673	1 334	1 706	304	246	119
Sales of forest products and Christmas trees ----- farms, 1987 ..	8	81	10	-	1	27	1
----- \$1,000, 1987 ..	64	269	16	-	(D)	9	(D)
Other farm-related income sources ----- farms, 1987 ..	72	320	121	126	31	27	13
----- \$1,000, 1987 ..	54	279	94	59	(D)	11	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>							
Total ----- farms, 1987 ..	538	687	728	695	468	207	177
----- farms, 1982 ..	359	204	341	446	260	175	113
----- \$1,000, 1987 ..	18 769	15 137	21 446	20 943	18 435	3 473	3 859
----- \$1,000, 1982 ..	14 097	4 861	11 983	12 343	11 573	4 085	3 038
Corn ----- farms, 1987 ..	525	686	724	686	463	202	169
----- \$1,000, 1987 ..	13 549	14 884	18 693	16 658	14 779	2 955	2 802
Wheat ----- farms, 1987 ..	-	-	-	1	1	3	1
----- \$1,000, 1987 ..	-	-	-	(D)	(D)	3	(D)
Soybeans ----- farms, 1987 ..	205	24	154	213	140	35	52
----- \$1,000, 1987 ..	(D)	253	(D)	4 281	3 493	515	1 048
Sorghum, barley, and oats ----- farms, 1987 ..	-	-	-	5	-	-	2
----- \$1,000, 1987 ..	-	-	-	(D)	-	-	(D)
Cotton ----- farms, 1987 ..	-	-	-	-	-	-	-
----- \$1,000, 1987 ..	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987 ..	2	-	1	-	4	-	-
----- \$1,000, 1987 ..	(D)	-	(D)	-	(D)	-	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987--	1 452	752	593	1 690	609	1 510	985	1 012
----- \$1,000, 1987--	44 004	9 290	15 772	38 169	18 853	31 240	18 423	27 388
Average per farm ----- dollars, 1987--	30 306	12 354	26 597	22 585	30 957	20 689	18 704	27 063
Farms with net gains <sup>2</sup> ----- number, 1987--	1 105	490	475	1 246	499	1 163	602	817
----- \$1,000, 1987--	46 606	10 734	16 489	42 422	19 934	34 348	20 986	29 018
Average per farm ----- dollars, 1987--	42 177	21 906	34 714	34 047	39 948	29 534	34 861	35 518
Farms with net losses ----- number, 1987--	347	262	118	444	110	347	383	195
----- \$1,000, 1987--	2 602	1 444	717	4 253	1 081	3 108	2 563	1 630
Average per farm ----- dollars, 1987--	7 498	5 511	6 076	9 579	9 829	8 957	6 691	8 360
<b>GOVERNMENT PAYMENTS</b>								
Total received ----- farms, 1987--	1 098	532	452	1 012	500	1 142	754	829
----- \$1,000, 1987--	17 351	7 898	7 915	10 816	10 219	19 445	13 770	17 566
Average per farm ----- dollars, 1987--	15 803	14 846	17 510	10 688	20 438	17 027	18 263	21 190
Amount received in cash ----- farms, 1987--	1 049	490	427	922	466	1 085	720	797
----- \$1,000, 1987--	8 943	4 003	3 776	5 877	4 961	9 550	6 715	8 874
Value of commodity certificates received ----- farms, 1987--	1 030	506	430	938	476	1 063	719	788
----- \$1,000, 1987--	8 408	3 895	4 138	4 939	5 258	9 895	7 055	8 692
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987--	457	159	239	386	197	616	353	276
----- \$1,000, 1987--	1 819	1 294	1 129	1 195	992	2 323	2 453	1 760
Average per farm ----- dollars, 1987--	3 980	8 138	4 722	3 097	5 033	3 771	6 949	6 378
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987--	247	96	122	134	92	197	152	102
----- 1982-----	216	116	101	166	106	257	194	197
----- \$1,000, 1987--	1 019	793	809	672	520	699	540	576
----- 1982-----	828	399	361	715	414	878	739	852
Rental of farmland ----- farms, 1987--	93	34	53	119	36	193	124	87
----- \$1,000, 1987--	686	418	283	370	393	1 323	1 773	940
Sales of forest products and Christmas trees ----- farms, 1987--	4	9	-	40	-	18	16	1
----- \$1,000, 1987--	5	9	-	76	-	31	16	(D)
Other farm-related income sources ----- farms, 1987--	223	25	103	180	96	333	149	114
----- \$1,000, 1987--	108	74	37	77	79	270	125	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total ----- farms, 1987--	763	321	340	511	401	804	589	671
----- 1982-----	273	204	232	156	283	448	399	444
----- \$1,000, 1987--	21 466	10 509	11 943	8 046	17 526	25 434	22 228	27 950
----- 1982-----	11 229	8 802	8 245	3 190	11 032	16 906	16 280	20 830
Corn ----- farms, 1987--	760	318	333	509	399	797	581	664
----- \$1,000, 1987--	20 729	8 764	8 883	7 940	12 511	22 815	16 953	22 195
Wheat ----- farms, 1987--	-	2	1	-	-	1	1	-
----- \$1,000, 1987--	-	(D)	(D)	-	-	(D)	(D)	-
Soybeans ----- farms, 1987--	63	103	140	9	177	146	223	243
----- \$1,000, 1987--	733	(D)	(D)	(D)	5 015	2 577	5 272	5 756
Sorghum, barley, and oats ----- farms, 1987--	4	-	-	-	-	2	1	-
----- \$1,000, 1987--	5	-	-	-	-	(D)	(D)	-
Cotton ----- farms, 1987--	-	-	-	-	-	-	-	-
----- \$1,000, 1987--	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987--	-	-	1	2	-	3	1	-
----- \$1,000, 1987--	-	-	(D)	(D)	-	(D)	(D)	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup>								
farms, 1987...	719	949	1 038	960	1 026	1 053	1 065	1 024
\$1,000, 1987...	20 778	29 930	27 179	20 047	34 402	25 342	24 668	22 165
Average per farm	28 898	31 539	26 184	20 882	33 530	24 066	23 162	21 645
Farms with net gains <sup>2</sup>								
number, 1987...	562	769	837	653	815	763	763	767
\$1,000, 1987...	21 485	31 093	28 442	21 527	36 208	28 084	27 559	24 071
Average per farm	38 229	40 433	33 981	32 967	44 426	36 808	36 119	31 383
Farms with net losses								
number, 1987...	157	180	201	307	211	290	302	257
\$1,000, 1987...	707	1 163	1 263	1 481	1 806	2 742	2 891	1 906
Average per farm	4 503	6 462	6 285	4 823	8 558	9 457	9 572	7 416
<b>GOVERNMENT PAYMENTS</b>								
Total received								
farms, 1987...	540	742	802	692	822	896	819	761
\$1,000, 1987...	8 353	12 925	15 724	9 096	15 596	16 525	16 797	11 478
Average per farm	15 469	17 420	19 606	13 145	18 973	18 443	20 509	15 082
Amount received in cash								
farms, 1987...	498	707	763	631	781	856	789	696
\$1,000, 1987...	4 030	6 460	8 056	4 085	7 756	8 184	8 520	5 603
Value of commodity certificates received								
farms, 1987...	523	704	751	657	780	854	783	717
\$1,000, 1987...	4 323	6 465	7 667	5 011	7 840	8 341	8 277	5 875
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup>								
farms, 1987...	148	268	326	333	388	422	345	210
\$1,000, 1987...	1 114	1 311	1 533	1 657	1 291	1 220	1 826	626
Average per farm	7 525	4 892	4 701	4 977	3 328	2 890	5 294	2 980
Customwork and other agricultural services <sup>3</sup>								
farms, 1987...	82	134	204	177	191	149	164	80
1982...	127	195	241	145	169	223	192	161
\$1,000, 1987...	527	802	749	1 184	706	477	747	286
1982...	617	904	1 034	600	714	746	1 044	675
Rental of farmland								
farms, 1987...	66	63	74	93	93	69	86	64
\$1,000, 1987...	585	381	679	401	409	550	849	300
Sales of forest products and Christmas trees								
farms, 1987...	-	7	-	-	-	-	1	-
\$1,000, 1987...	-	(Z)	-	-	-	-	(D)	-
Other farm-related income sources								
farms, 1987...	10	163	82	123	175	279	190	81
\$1,000, 1987...	2	128	105	72	176	192	(D)	39
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total								
farms, 1987...	359	557	638	419	609	706	663	549
1982...	254	328	360	264	397	400	403	327
\$1,000, 1987...	13 341	20 952	24 999	11 282	23 750	27 469	27 403	20 629
1982...	10 507	12 937	16 193	8 045	15 841	15 580	19 738	10 729
Corn								
farms, 1987...	351	550	630	415	604	700	648	540
\$1,000, 1987...	9 764	16 118	20 009	9 229	18 637	21 185	21 444	16 516
Wheat								
farms, 1987...	3	1	-	1	-	-	-	-
\$1,000, 1987...	(D)	(D)	-	(D)	-	-	-	-
Soybeans								
farms, 1987...	130	181	191	124	205	270	257	167
\$1,000, 1987...	3 526	(D)	(D)	(D)	(D)	(D)	5 914	4 112
Sorghum, barley, and oats								
farms, 1987...	2	-	1	1	-	1	1	-
\$1,000, 1987...	(D)	-	(D)	(D)	-	(D)	(D)	-
Cotton								
farms, 1987...	-	-	-	-	-	-	-	-
\$1,000, 1987...	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey								
farms, 1987...	-	-	-	-	1	-	4	-
\$1,000, 1987...	-	-	-	-	(D)	-	(D)	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> .....	894	938	754	787	1 057	1 354	1 465	774
farms, 1987.....								
\$1,000, 1987.....	7 989	13 533	23 636	17 847	18 755	15 346	31 684	9 471
Average per farm.....	8 936	14 427	31 348	22 677	17 743	11 334	21 627	12 237
dollars, 1987.....								
Farms with net gains <sup>2</sup> .....	486	661	640	584	771	841	1 004	485
number, 1987.....								
\$1,000, 1987.....	11 186	16 232	24 415	19 416	20 854	19 425	35 013	11 955
Average per farm.....	23 017	24 556	38 148	33 246	27 047	23 097	34 873	24 649
dollars, 1987.....								
Farms with net losses.....	408	277	114	203	286	513	461	289
number, 1987.....								
\$1,000, 1987.....	3 197	2 699	779	1 569	2 099	4 079	3 329	2 484
Average per farm.....	7 837	9 745	6 830	7 727	7 339	7 950	7 221	6 594
dollars, 1987.....								
<b>GOVERNMENT PAYMENTS</b>								
Total received.....	635	701	628	597	830	898	1 026	550
farms, 1987.....								
\$1,000, 1987.....	8 531	11 301	10 709	10 030	13 537	10 044	15 683	6 756
Average per farm.....	13 434	16 122	17 053	16 800	16 310	11 185	15 286	12 283
dollars, 1987.....								
Amount received in cash.....	605	647	604	561	783	837	963	518
farms, 1987.....								
\$1,000, 1987.....	4 146	5 400	5 291	4 904	6 262	4 706	7 726	3 188
Value of commodity certificates received.....	580	661	604	574	791	855	959	513
farms, 1987.....								
\$1,000, 1987.....	4 384	5 902	5 418	5 126	7 275	5 338	7 957	3 568
dollars, 1987.....								
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> .....	215	292	191	240	234	278	407	184
farms, 1987.....								
\$1,000, 1987.....	1 284	1 016	853	871	1 483	927	1 507	619
Average per farm.....	5 970	3 480	4 465	3 630	6 337	3 334	3 704	3 366
dollars, 1987.....								
Customwork and other agricultural services <sup>3</sup> .....	127	149	120	151	141	130	195	118
farms, 1987.....								
1982.....	133	139	136	145	168	157	243	132
\$1,000, 1987.....	684	482	453	444	444	372	719	404
1982.....	459	673	381	536	656	531	926	392
Rental of farmland.....	84	40	52	65	79	129	107	27
farms, 1987.....								
\$1,000, 1987.....	489	428	377	417	974	456	601	198
dollars, 1987.....								
Sales of forest products and Christmas trees.....	19	4	-	-	7	8	-	1
farms, 1987.....								
\$1,000, 1987.....	15	1	-	-	(D)	6	-	(D)
Other farm-related income sources.....	66	178	81	67	65	76	183	46
farms, 1987.....								
\$1,000, 1987.....	95	104	24	10	(D)	92	187	(D)
dollars, 1987.....								
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total.....	395	492	466	433	542	520	712	319
farms, 1987.....								
1982.....	240	322	239	236	328	208	366	205
\$1,000, 1987.....	9 628	15 174	15 761	12 946	15 602	8 630	22 985	6 975
1982.....	8 683	12 968	8 923	6 576	11 846	4 809	11 649	6 046
dollars, 1987.....								
Corn.....	390	487	460	429	539	519	706	315
farms, 1987.....								
\$1,000, 1987.....	8 115	12 224	11 892	10 896	14 327	8 394	18 677	5 733
Wheat.....	-	-	1	-	-	-	-	1
farms, 1987.....								
\$1,000, 1987.....	-	-	(D)	-	-	-	-	(D)
Soybeans.....	89	135	154	118	80	19	215	81
farms, 1987.....								
\$1,000, 1987.....	1 513	2 941	(D)	2 049	(D)	(D)	(D)	(D)
dollars, 1987.....								
Sorghum, barley, and oats.....	-	6	-	-	1	-	-	-
farms, 1987.....								
\$1,000, 1987.....	-	9	-	-	(D)	-	-	-
dollars, 1987.....								
Cotton.....	-	-	-	-	-	-	-	-
farms, 1987.....								
\$1,000, 1987.....	-	-	-	-	-	-	-	-
dollars, 1987.....								
Peanuts, rye, rice, tobacco, and honey.....	-	-	-	-	-	1	1	-
farms, 1987.....								
\$1,000, 1987.....	-	-	-	-	-	(D)	(D)	-
dollars, 1987.....								

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ..... farms, 1987..	1 356	1 161	1 036	1 717	989	1 688	635	691
..... \$1,000, 1987..	20 321	19 341	25 116	49 897	10 578	14 060	8 709	3 676
Average per farm..... dollars, 1987..	14 986	16 659	24 243	29 061	10 696	8 330	13 716	5 319
Farms with net gains <sup>2</sup> ..... number, 1987..	933	787	750	1 468	544	949	414	365
..... \$1,000, 1987..	23 319	23 444	27 085	52 166	12 719	18 693	10 305	5 759
Average per farm..... dollars, 1987..	24 993	29 790	36 113	35 535	23 380	19 698	24 890	15 779
Farms with net losses..... number, 1987..	423	374	286	249	445	739	221	326
..... \$1,000, 1987..	2 997	4 103	1 969	2 268	2 140	4 633	1 595	2 084
Average per farm..... dollars, 1987..	7 086	10 971	6 883	9 109	4 810	6 269	7 218	6 391
<b>GOVERNMENT PAYMENTS</b>								
Total received..... farms, 1987..	757	857	758	1 456	617	977	492	392
..... \$1,000, 1987..	10 473	14 493	14 008	26 317	5 928	12 968	8 024	3 432
Average per farm..... dollars, 1987..	13 835	16 911	18 480	18 075	9 608	13 273	16 310	8 754
Amount received in cash..... farms, 1987..	710	793	701	1 399	579	924	459	339
..... \$1,000, 1987..	5 034	6 944	6 696	13 115	2 866	6 259	3 960	1 480
Value of commodity certificates received..... farms, 1987..	708	824	720	1 389	581	918	467	357
..... \$1,000, 1987..	5 439	7 549	7 312	13 203	3 062	6 709	4 065	1 951
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> ..... farms, 1987..	378	411	247	551	256	467	123	109
..... \$1,000, 1987..	1 938	1 271	826	2 655	1 097	1 729	593	460
Average per farm..... dollars, 1987..	5 127	3 092	3 345	4 819	4 286	3 702	4 821	4 217
Customwork and other agricultural services <sup>3</sup> ..... farms, 1987..	185	176	136	249	145	199	70	70
..... 1982..	210	205	126	267	123	202	90	71
..... \$1,000, 1987..	710	525	503	1 353	389	795	251	377
..... 1982..	750	863	496	956	318	738	371	212
Rental of farmland..... farms, 1987..	157	155	92	118	95	166	37	20
..... \$1,000, 1987..	1 046	641	313	943	556	815	266	45
Sales of forest products and Christmas trees..... farms, 1987..	29	30	5	1	27	7	-	5
..... \$1,000, 1987..	173	57	2	(D)	106	11	-	6
Other farm-related income sources..... farms, 1987..	41	116	49	346	13	180	36	64
..... \$1,000, 1987..	9	49	9	(D)	46	107	75	32
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total..... farms, 1987..	464	550	511	1 172	277	537	333	203
..... 1982..	248	243	328	706	131	250	222	121
..... \$1,000, 1987..	11 330	15 918	15 610	45 506	6 286	18 019	10 243	3 201
..... 1982..	7 800	9 391	13 142	31 040	3 991	9 612	9 680	2 398
Corn..... farms, 1987..	458	545	508	1 166	272	524	332	201
..... \$1,000, 1987..	9 819	14 200	14 009	35 710	5 127	12 943	8 393	2 656
Wheat..... farms, 1987..	-	-	3	1	3	-	3	-
..... \$1,000, 1987..	-	-	3	(D)	(D)	-	(D)	-
Soybeans..... farms, 1987..	92	92	87	387	69	115	92	43
..... \$1,000, 1987..	(D)	1 681	1 597	9 792	1 158	3 004	(D)	545
Sorghum, barley, and oats..... farms, 1987..	1	1	-	3	2	9	-	-
..... \$1,000, 1987..	(D)	(D)	-	(D)	(D)	(D)	-	-
Cotton..... farms, 1987..	-	-	-	-	-	-	-	-
..... \$1,000, 1987..	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey..... farms, 1987..	-	2	-	-	-	3	-	-
..... \$1,000, 1987..	-	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona	
<b>NET CASH RETURN</b>									
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> .....	farms, 1987--	1 234	1 059	1 193	1 131	1 072	641	939	853
	\$1,000, 1987--	34 861	14 948	28 615	15 656	20 347	16 102	20 564	20 431
Average per farm.....	dollars, 1987--	28 250	14 115	23 986	13 843	18 980	25 120	21 900	23 952
Farms with net gains <sup>2</sup> .....	number, 1987--	983	679	895	744	756	508	727	644
	\$1,000, 1987--	37 057	16 873	31 289	17 710	23 417	16 948	22 427	22 081
Average per farm.....	dollars, 1987--	37 698	24 850	34 960	23 804	30 975	33 362	30 848	34 287
Farms with net losses.....	number, 1987--	251	380	298	387	316	133	212	209
	\$1,000, 1987--	2 196	1 925	2 674	2 055	3 070	846	1 863	1 650
Average per farm.....	dollars, 1987--	8 750	5 066	8 975	5 309	9 717	6 359	8 786	7 895
<b>GOVERNMENT PAYMENTS</b>									
Total received.....	farms, 1987--	924	628	853	662	773	466	699	653
	\$1,000, 1987--	11 683	6 192	10 940	7 128	16 584	8 160	11 793	11 456
Average per farm.....	dollars, 1987--	12 644	9 860	12 825	10 768	21 455	17 511	16 872	17 544
Amount received in cash.....	farms, 1987--	902	583	787	580	729	447	664	613
	\$1,000, 1987--	5 924	2 780	5 153	3 129	7 629	3 860	5 719	5 550
Value of commodity certificates received.....	farms, 1987--	875	590	807	619	749	443	665	624
	\$1,000, 1987--	5 759	3 412	5 786	3 999	8 956	4 300	6 075	5 906
<b>OTHER FARM-RELATED INCOME</b>									
Gross before taxes and expenses <sup>1</sup> .....	farms, 1987--	442	279	361	222	255	151	394	236
	\$1,000, 1987--	2 503	683	1 668	1 068	1 492	930	1 765	1 137
Average per farm.....	dollars, 1987--	5 663	2 447	4 622	4 812	5 851	6 160	4 481	4 818
Customwork and other agricultural services <sup>3</sup> .....	farms, 1987--	239	148	188	123	145	101	167	106
	1982--	219	153	207	145	198	94	182	147
	\$1,000, 1987--	1 065	353	693	656	989	847	719	735
	1982--	787	417	635	436	895	520	617	659
Rental of farmland.....	farms, 1987--	111	88	83	78	90	31	142	47
	\$1,000, 1987--	1 232	202	873	390	399	67	875	190
Sales of forest products and Christmas trees.....	farms, 1987--	-	2	3	8	-	-	10	8
	\$1,000, 1987--	-	(D)	(D)	(Z)	-	-	(D)	112
Other farm-related income sources.....	farms, 1987--	270	59	142	36	60	47	171	97
	\$1,000, 1987--	206	(D)	(D)	22	104	16	(D)	100
<b>COMMODITY CREDIT CORPORATION LOANS</b>									
Total.....	farms, 1987--	636	359	515	400	564	308	533	494
	1982--	310	191	267	199	345	143	330	283
	\$1,000, 1987--	15 834	7 992	13 621	10 045	22 511	12 322	17 870	19 052
	1982--	7 467	4 424	7 453	5 195	14 846	6 543	12 855	12 072
Com.....	farms, 1987--	630	359	502	395	557	301	532	485
	\$1,000, 1987--	11 892	6 540	11 215	7 834	19 494	(D)	14 731	15 680
Wheat.....	farms, 1987--	2	2	-	-	-	-	2	2
	\$1,000, 1987--	(D)	(D)	-	-	-	-	(D)	(D)
Soybeans.....	farms, 1987--	226	87	134	109	142	80	141	155
	\$1,000, 1987--	3 853	(D)	(D)	2 211	(D)	(D)	3 134	3 360
Sorghum, barley, and oats.....	farms, 1987--	-	-	1	-	-	-	3	2
	\$1,000, 1987--	-	-	(D)	-	-	-	(D)	(D)
Cotton.....	farms, 1987--	-	-	-	-	-	-	-	-
	\$1,000, 1987--	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey.....	farms, 1987--	1	-	-	-	1	-	-	2
	\$1,000, 1987--	(D)	-	-	-	(D)	-	-	(D)

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987..	736	701	900	1 233	731	1 014	934	1 740
----- \$1,000, 1987..	4 373	15 589	9 110	41 866	20 227	21 411	23 883	44 346
Average per farm ----- dollars, 1987..	5 942	22 238	10 122	33 955	27 670	21 115	25 571	25 486
Farms with net gains <sup>2</sup> ----- number, 1987..	390	506	490	1 010	613	767	725	1 276
----- \$1,000, 1987..	5 961	17 302	12 805	43 547	20 849	22 861	25 729	47 531
Average per farm ----- dollars, 1987..	15 283	34 194	26 132	43 116	34 011	29 806	35 488	37 250
Farms with net losses ----- number, 1987..	346	195	410	223	118	247	209	464
----- \$1,000, 1987..	1 587	1 713	3 695	1 681	622	1 450	1 846	3 186
Average per farm ----- dollars, 1987..	4 587	8 785	9 011	7 538	5 269	5 870	8 832	6 866
<b>GOVERNMENT PAYMENTS</b>								
Total received ----- farms, 1987..	388	547	606	987	588	728	787	1 297
----- \$1,000, 1987..	2 901	8 230	9 426	14 705	9 187	8 183	14 408	16 686
Average per farm ----- dollars, 1987..	7 477	15 045	15 555	14 898	15 623	11 240	18 308	12 865
Amount received in cash ----- farms, 1987..	337	512	575	931	540	681	743	1 181
----- \$1,000, 1987..	1 210	4 007	4 554	7 229	4 449	4 003	6 840	8 016
Value of commodity certificates received ----- farms, 1987..	349	519	575	930	565	680	753	1 244
----- \$1,000, 1987..	1 691	4 222	4 872	7 476	4 737	4 180	7 568	8 670
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987..	131	209	254	442	263	322	333	442
----- \$1,000, 1987..	264	1 066	1 160	1 812	822	1 202	1 586	2 153
Average per farm ----- dollars, 1987..	2 014	5 098	4 566	4 099	3 125	3 734	4 763	4 871
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987..	75	107	118	168	103	231	133	257
----- 1982..	75	125	105	222	131	183	176	281
----- \$1,000, 1987..	165	423	475	739	345	738	816	1 133
----- 1982..	278	503	279	858	425	690	701	1 123
Rental of farmland ----- farms, 1987..	38	88	112	126	61	108	52	88
----- \$1,000, 1987..	64	610	657	718	397	443	494	793
Sales of forest products and Christmas trees ----- farms, 1987..	9	-	1	-	-	-	6	-
----- \$1,000, 1987..	(D)	-	(D)	-	-	-	3	-
Other farm-related income sources ----- farms, 1987..	46	62	91	267	201	42	227	198
----- \$1,000, 1987..	(D)	33	(D)	355	80	21	273	227
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total ----- farms, 1987..	152	362	356	758	472	476	621	877
----- 1982..	96	210	175	410	301	233	445	366
----- \$1,000, 1987..	1 830	11 260	10 055	24 135	16 520	12 004	22 666	21 959
----- 1982..	1 570	6 197	6 471	12 652	12 172	5 331	17 253	9 732
Corn ----- farms, 1987..	144	352	354	750	468	466	615	866
----- \$1,000, 1987..	(D)	8 876	8 169	18 220	11 386	9 511	17 316	17 844
Wheat ----- farms, 1987..	-	-	4	-	1	2	-	3
----- \$1,000, 1987..	-	-	3	-	(D)	(D)	-	(D)
Soybeans ----- farms, 1987..	28	115	77	289	216	135	230	228
----- \$1,000, 1987..	(D)	(D)	1 883	(D)	(D)	2 491	5 351	4 106
Sorghum, barley, and oats ----- farms, 1987..	-	-	-	1	-	1	-	4
----- \$1,000, 1987..	-	-	-	(D)	-	(D)	-	(D)
Cotton ----- farms, 1987..	-	-	-	-	-	-	-	-
----- \$1,000, 1987..	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987..	1	1	-	1	-	-	-	-
----- \$1,000, 1987..	(D)	(D)	-	(D)	-	-	-	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup> ----- farms, 1987--	987	1 001	1 651	1 047	701	1 035	973	1 177
----- \$1,000, 1987--	26 738	15 587	35 496	22 440	9 888	30 925	14 547	28 594
Average per farm ----- dollars, 1987--	27 090	15 571	21 500	21 433	14 106	29 879	14 951	24 294
Farms with net gains <sup>2</sup> ----- number, 1987--	808	619	1 198	771	519	828	663	891
----- \$1,000, 1987--	26 320	17 439	38 320	24 060	11 047	33 420	17 071	31 381
Average per farm ----- dollars, 1987--	35 050	28 173	31 987	31 207	21 286	40 362	25 749	35 220
Farms with net losses ----- number, 1987--	179	382	453	276	182	207	310	286
----- \$1,000, 1987--	1 583	1 853	2 824	1 620	1 159	2 495	2 524	2 788
Average per farm ----- dollars, 1987--	8 842	4 850	6 233	5 870	6 367	12 053	8 143	9 747
<b>GOVERNMENT PAYMENTS</b>								
Total received ----- farms, 1987--	860	583	1 133	803	498	840	664	906
----- \$1,000, 1987--	14 154	8 244	19 074	11 602	4 881	12 338	12 333	13 596
Average per farm ----- dollars, 1987--	16 458	14 140	18 835	14 448	9 801	14 689	18 574	15 006
Amount received in cash ----- farms, 1987--	807	519	1 092	745	426	784	626	847
----- \$1,000, 1987--	6 898	4 033	9 598	5 403	1 950	6 083	6 175	6 802
Value of commodity certificates received ----- farms, 1987--	832	548	1 069	759	467	805	628	848
----- \$1,000, 1987--	7 256	4 211	9 475	6 199	2 931	6 256	6 158	6 794
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup> ----- farms, 1987--	222	327	465	269	204	295	335	338
----- \$1,000, 1987--	772	946	2 188	1 021	809	1 567	1 759	1 583
Average per farm ----- dollars, 1987--	3 480	2 892	4 705	3 795	3 964	5 313	5 250	4 683
Customwork and other agricultural services <sup>3</sup> ----- farms, 1987--	127	121	269	127	105	173	99	164
----- 1982--	192	113	249	175	90	192	126	191
----- \$1,000, 1987--	517	352	1 181	438	283	938	426	524
----- 1982--	859	354	920	604	237	712	318	666
Rental of farmland ----- farms, 1987--	40	113	136	106	57	73	122	131
----- \$1,000, 1987--	115	452	899	534	445	569	920	986
Sales of forest products and Christmas trees ----- farms, 1987--	-	16	9	-	-	-	8	8
----- \$1,000, 1987--	-	35	(D)	-	-	-	21	8
Other farm-related income sources ----- farms, 1987--	87	139	144	61	56	92	174	75
----- \$1,000, 1987--	141	107	(D)	49	80	60	391	65
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total ----- farms, 1987--	659	379	777	514	233	622	432	738
----- 1982--	416	285	408	303	137	314	162	407
----- \$1,000, 1987--	20 917	15 015	29 399	14 807	4 266	19 035	15 407	20 541
----- 1982--	14 587	11 804	15 759	11 071	2 761	12 945	6 396	10 651
Corn ----- farms, 1987--	651	373	765	507	226	608	430	733
----- \$1,000, 1987--	16 735	11 268	24 297	11 624	3 206	14 238	14 217	18 034
Wheat ----- farms, 1987--	-	1	-	-	-	-	-	-
----- \$1,000, 1987--	-	(D)	-	-	-	-	-	-
Soybeans ----- farms, 1987--	216	134	166	144	66	244	68	162
----- \$1,000, 1987--	4 183	3 729	(D)	(D)	1 060	4 762	(D)	2 302
Sorghum, barley, and oats ----- farms, 1987--	-	1	-	2	-	4	-	-
----- \$1,000, 1987--	-	(D)	-	(D)	-	(D)	-	-
Cotton ----- farms, 1987--	-	-	-	-	-	-	-	-
----- \$1,000, 1987--	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ----- farms, 1987--	-	3	4	-	-	1	1	4
----- \$1,000, 1987--	-	(D)	(D)	-	-	(D)	(D)	205

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup>								
farms, 1987..	2 014	1 139	1 404	774	694	783	899	1 310
\$1,000, 1987..	68 500	27 562	23 610	10 677	9 815	5 779	6 685	12 968
Average per farm.....dollars, 1987..	34 012	24 199	16 816	13 795	14 143	7 381	7 436	9 899
Farms with net gains <sup>2</sup>								
number, 1987..	1 555	787	979	546	487	463	498	800
\$1,000, 1987..	73 443	30 208	27 324	11 642	10 939	7 900	8 511	15 728
Average per farm.....dollars, 1987..	47 230	38 384	27 911	21 322	22 461	17 063	17 090	19 660
Farms with net losses								
number, 1987..	459	352	425	228	207	320	401	510
\$1,000, 1987..	4 943	2 646	3 714	965	1 124	2 121	1 826	2 759
Average per farm.....dollars, 1987..	10 770	7 517	8 739	4 233	5 428	6 629	4 552	5 411
<b>GOVERNMENT PAYMENTS</b>								
Total received								
farms, 1987..	1 351	824	1 000	519	432	519	438	675
\$1,000, 1987..	18 635	13 577	17 056	6 454	4 581	4 982	5 210	6 295
Average per farm.....dollars, 1987..	13 794	16 477	17 056	12 436	10 603	9 599	11 895	9 326
Amount received in cash								
farms, 1987..	1 265	768	921	457	374	468	396	591
\$1,000, 1987..	9 763	6 769	8 249	2 572	1 984	2 156	2 453	2 963
Value of commodity certificates received								
farms, 1987..	1 265	783	953	499	401	488	413	626
\$1,000, 1987..	8 873	6 808	8 807	3 882	2 596	2 826	2 756	3 332
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup>								
farms, 1987..	687	262	361	175	184	165	159	245
\$1,000, 1987..	3 065	1 410	1 985	590	581	445	572	1 082
Average per farm.....dollars, 1987..	4 462	5 381	5 500	3 372	3 157	2 700	3 600	4 416
Customwork and other agricultural services <sup>3</sup>								
farms, 1987..	382	143	169	109	71	115	85	98
1982..	354	177	262	125	100	116	90	162
\$1,000, 1987..	1 853	963	536	435	275	196	323	532
1982..	1 536	978	1 058	410	368	336	248	458
Rental of farmland								
farms, 1987..	131	80	127	40	71	38	52	102
\$1,000, 1987..	863	335	1 332	136	273	223	197	488
Sales of forest products and Christmas trees								
farms, 1987..	-	10	-	4	10	8	9	-
\$1,000, 1987..	-	2	-	3	3	10	(D)	-
Other farm-related income sources								
farms, 1987..	344	75	138	23	70	26	30	76
\$1,000, 1987..	349	110	118	15	30	17	(D)	61
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total								
farms, 1987..	935	614	718	317	249	268	227	357
1982..	450	409	413	209	122	185	150	164
\$1,000, 1987..	25 223	22 136	24 282	7 717	5 204	5 109	6 450	8 351
1982..	11 371	15 553	15 391	5 624	2 921	5 570	5 240	4 918
Corn								
farms, 1987..	919	606	709	306	243	258	226	352
\$1,000, 1987..	20 742	16 639	20 083	5 447	3 925	3 852	5 191	6 752
Wheat								
farms, 1987..	-	1	-	-	1	-	-	-
\$1,000, 1987..	-	(D)	-	-	(D)	-	-	-
Soybeans								
farms, 1987..	248	221	215	115	78	72	61	85
\$1,000, 1987..	4 464	5 476	4 199	2 271	(D)	1 257	(D)	1 599
Sorghum, barley, and oats								
farms, 1987..	1	-	-	-	1	-	2	-
\$1,000, 1987..	(D)	-	-	-	(D)	-	(D)	-
Cotton								
farms, 1987..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey								
farms, 1987..	4	3	-	-	-	-	-	-
\$1,000, 1987..	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

**Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>NET CASH RETURN</b>								
Net cash return from agricultural sales for the farm unit (see text) <sup>1</sup>								
farms, 1987..	1 157	742	1 235	742	1 633	1 361	667	882
\$1,000, 1987..	24 755	6 591	39 764	12 899	32 486	25 653	9 847	27 417
Average per farm.....dollars, 1987..	21 396	8 883	32 198	17 385	19 893	18 848	14 764	31 085
Farms with net gains <sup>2</sup>								
number, 1987..	836	441	993	514	1 127	910	427	703
\$1,000, 1987..	27 388	8 371	40 970	14 867	36 350	28 580	12 130	29 076
Average per farm.....dollars, 1987..	32 761	18 983	41 259	28 924	32 254	31 406	28 407	41 360
Farms with net losses								
number, 1987..	321	301	242	228	506	451	240	179
\$1,000, 1987..	2 633	1 780	1 206	1 968	3 865	2 927	2 282	1 659
Average per farm.....dollars, 1987..	8 202	5 913	4 983	8 630	7 638	6 490	9 509	9 289
<b>GOVERNMENT PAYMENTS</b>								
Total received								
farms, 1987..	818	517	973	600	1 003	922	537	753
\$1,000, 1987..	12 382	5 814	15 283	12 347	11 982	17 596	11 889	15 522
Average per farm.....dollars, 1987..	15 137	11 246	15 707	20 579	11 947	19 085	22 140	20 613
Amount received in cash								
farms, 1987..	769	429	896	562	925	848	523	710
\$1,000, 1987..	6 044	2 114	7 299	6 143	5 752	8 158	5 737	7 602
Value of commodity certificates received								
farms, 1987..	763	484	934	564	940	866	502	723
\$1,000, 1987..	6 338	3 701	7 984	6 204	6 231	9 438	6 153	7 920
<b>OTHER FARM-RELATED INCOME</b>								
Gross before taxes and expenses <sup>1</sup>								
farms, 1987..	256	127	392	266	602	449	230	303
\$1,000, 1987..	1 786	407	1 117	849	1 931	2 395	971	1 257
Average per farm.....dollars, 1987..	6 978	3 202	2 848	3 193	3 207	5 335	4 221	4 148
Customwork and other agricultural services <sup>3</sup>								
farms, 1987..	143	73	238	110	278	231	87	164
1982..	162	95	198	137	255	211	135	174
\$1,000, 1987..	687	328	767	264	850	915	248	804
1982..	489	417	949	528	652	1 064	498	862
Rental of farmland								
farms, 1987..	106	29	43	49	153	148	50	54
\$1,000, 1987..	1 026	67	191	424	660	1 298	552	372
Sales of forest products and Christmas trees								
farms, 1987..	10	11	9	8	20	6	-	1
\$1,000, 1987..	15	5	40	27	143	1	-	(D)
Other farm-related income sources								
farms, 1987..	36	27	147	178	312	200	154	148
\$1,000, 1987..	58	7	118	135	277	181	171	(D)
<b>COMMODITY CREDIT CORPORATION LOANS</b>								
Total								
farms, 1987..	563	267	742	480	583	604	406	588
1982..	275	141	408	369	244	400	328	360
\$1,000, 1987..	15 928	5 586	26 624	20 126	11 121	22 285	16 831	25 186
1982..	11 605	3 298	15 432	20 228	5 331	16 843	16 206	16 857
Corn								
farms, 1987..	558	266	733	478	577	596	403	578
\$1,000, 1987..	13 790	4 323	19 465	15 779	10 523	18 832	13 816	19 643
Wheat								
farms, 1987..	2	1	-	-	-	1	-	-
\$1,000, 1987..	(D)	(D)	-	-	-	(D)	-	-
Soybeans								
farms, 1987..	128	76	288	190	35	141	138	194
\$1,000, 1987..	(D)	(D)	(D)	4 347	(D)	3 096	3 015	5 544
Sorghum, barley, and oats								
farms, 1987..	1	-	-	-	2	1	-	-
\$1,000, 1987..	(D)	-	-	-	(D)	(D)	-	-
Cotton								
farms, 1987..	-	-	-	-	-	-	-	-
\$1,000, 1987..	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey								
farms, 1987..	-	-	1	-	-	3	-	-
\$1,000, 1987..	-	-	(D)	-	-	(D)	-	-

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

<sup>3</sup>Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>FARMS AND LAND IN FARMS</b>							
Farms -----number, 1987..	105 180	970	688	1 062	891	851	1 434
1982..	115 413	1 065	737	1 134	900	905	1 585
Land in farms -----acres, 1987..	31 638 130	353 365	243 607	321 226	244 661	268 437	419 480
1982..	32 611 964	355 269	254 071	351 756	236 501	283 782	441 810
Average size of farm -----acres, 1987..	301	364	354	302	275	315	293
1982..	283	334	345	310	263	314	279
Value of land and buildings <sup>1</sup> :							
Average per farm -----dollars, 1987..	283 597	244 037	172 243	182 659	135 171	294 253	322 996
1982..	471 011	378 361	297 486	330 978	202 034	451 875	589 524
Average per acre -----dollars, 1987..	947	652	505	653	486	860	1 125
1982..	1 684	1 102	926	1 078	790	1 443	2 131
Approximate land area -----acres, 1987..	35 817 836	364 569	271 968	405 356	318 528	284 460	459 731
Proportion in farms -----percent, 1987..	88.3	96.9	89.6	79.2	76.8	94.4	91.2
1987 size of farm:							
1 to 9 acres -----farms..	7 974	63	50	61	39	79	105
acres..	23 461	150	138	138	88	243	302
10 to 49 acres -----farms..	10 981	67	43	54	103	58	147
acres..	282 586	1 785	1 223	1 603	2 810	1 322	4 223
50 to 69 acres -----farms..	2 901	22	14	20	41	14	41
acres..	170 098	1 326	789	1 248	2 403	774	2 363
70 to 99 acres -----farms..	6 981	58	46	50	103	50	90
acres..	567 963	4 710	3 757	4 094	8 610	4 082	7 358
100 to 139 acres -----farms..	7 188	65	43	91	85	54	76
acres..	840 781	7 700	4 961	10 581	9 842	7 515	8 864
140 to 179 acres -----farms..	10 506	104	53	110	75	112	146
acres..	1 661 495	16 419	8 411	17 356	11 690	12 984	23 102
180 to 219 acres -----farms..	6 574	51	42	100	80	57	104
acres..	1 298 012	10 020	8 320	19 828	15 818	11 213	20 446
220 to 259 acres -----farms..	7 119	65	42	97	55	53	111
acres..	1 692 823	15 414	10 068	23 411	12 994	12 661	26 482
260 to 499 acres -----farms..	25 378	246	176	329	160	242	356
acres..	9 225 178	89 228	63 603	118 942	58 148	89 244	128 381
500 to 999 acres -----farms..	15 874	176	147	113	117	122	215
acres..	10 707 195	120 328	99 257	75 392	78 607	79 419	144 033
1,000 to 1,999 acres -----farms..	3 401	43	30	35	30	25	41
acres..	4 290 322	56 266	(D)	(D)	36 270	33 646	(D)
2,000 acres or more -----farms..	323	10	2	2	3	5	2
acres..	878 216	30 019	(D)	(D)	7 381	15 334	(D)
1982 size of farm:							
1 to 9 acres -----farms..	7 910	48	33	56	36	39	102
acres..	25 456	104	127	150	97	167	367
10 to 49 acres -----farms..	12 322	74	54	66	133	85	159
acres..	319 800	1 960	1 539	1 710	3 991	1 848	4 089
50 to 69 acres -----farms..	3 266	33	16	27	39	19	45
acres..	190 547	1 935	696	1 573	2 306	1 075	2 674
70 to 99 acres -----farms..	7 687	68	35	57	94	55	82
acres..	625 653	5 594	2 832	4 635	7 638	4 468	6 671
100 to 139 acres -----farms..	7 993	57	54	74	65	65	95
acres..	939 089	6 752	6 327	8 784	7 486	7 723	11 165
140 to 179 acres -----farms..	12 013	114	60	113	73	111	170
acres..	1 900 994	18 193	9 407	17 827	11 297	17 513	26 887
180 to 219 acres -----farms..	7 790	69	50	109	83	56	104
acres..	1 539 642	13 603	9 977	21 653	16 396	11 127	20 528
220 to 259 acres -----farms..	8 798	84	46	101	58	62	160
acres..	2 091 761	19 904	10 998	24 252	13 674	14 715	38 085
260 to 499 acres -----farms..	29 671	289	204	348	175	276	430
acres..	10 701 909	105 473	75 321	124 291	65 034	100 105	155 048
500 to 999 acres -----farms..	14 858	187	164	146	121	112	204
acres..	9 849 121	125 919	108 871	97 523	79 000	73 006	132 474
1,000 to 1,999 acres -----farms..	2 796	39	19	35	21	21	33
acres..	3 529 603	48 842	(D)	(D)	(D)	28 748	(D)
2,000 acres or more -----farms..	309	3	2	2	2	4	1
acres..	898 409	6 990	(D)	(D)	(D)	23 287	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland -----farms, 1987..	96 749	897	627	987	836	774	1 322
1982..	106 859	988	692	1 051	844	861	1 490
acres, 1987..	27 290 868	297 992	190 603	196 344	177 431	236 155	376 517
1982..	27 580 749	290 532	203 029	209 937	168 058	243 688	386 963
Harvested cropland -----farms, 1987..	92 878	859	587	928	761	721	1 276
1982..	103 644	963	662	1 021	794	820	1 434
acres, 1987..	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
1982..	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
Cropland used only for pasture or grazing -----farms, 1987..	36 766	572	361	551	533	333	516
1982..	41 995	627	415	564	469	464	604
acres, 1987..	2 283 547	58 765	38 995	28 406	64 138	18 839	21 731
1982..	2 500 266	61 255	48 291	33 767	57 693	28 835	23 406
Other cropland -----farms, 1987..	63 889	567	378	457	326	560	881
1982..	32 092	394	297	187	263	276	442
acres, 1987..	4 523 143	42 287	36 016	27 818	18 754	44 705	53 471
1982..	942 813	11 970	12 224	4 883	12 286	7 226	11 003
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured -----farms, 1987..	27 088	274	206	197	164	271	405
1982..	11 352	165	129	80	109	99	174
acres, 1987..	1 670 711	16 721	18 209	10 534	10 501	17 360	22 432
1982..	269 487	4 519	3 481	1 651	3 978	3 360	3 948

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>FARMS AND LAND IN FARMS</b>							
Farms ----- number, 1987 ..	1 269	1 029	1 140	1 332	1 097	1 294	992
1982 ..	1 352	1 153	1 287	1 403	1 185	1 467	1 164
Land in farms ----- acres, 1987 ..	305 516	336 666	235 086	337 126	358 798	328 114	342 160
1982 ..	308 845	333 139	250 402	335 502	361 120	336 000	351 373
Average size of farm ----- acres, 1987 ..	241	327	206	253	327	254	345
1982 ..	228	289	195	239	305	229	302
Value of land and buildings <sup>1</sup> :							
Average per farm ----- dollars, 1987 ..	257 109	386 353	250 490	279 290	354 375	236 959	408 084
1982 ..	549 013	622 605	379 963	467 054	613 233	422 215	627 721
Average per acre ----- dollars, 1987 ..	1 106	1 134	1 148	1 071	1 102	925	1 213
1982 ..	2 382	2 195	2 024	1 951	1 928	1 887	2 191
Approximate land area ----- acres, 1987 ..	366 585	367 039	281 100	366 227	367 820	372 345	365 612
Proportion in farms ----- percent, 1987 ..	83.3	91.7	83.6	92.1	97.5	88.1	93.6
1987 size of farm:							
1 to 9 acres ----- farms ..	152	71	116	91	81	129	61
acres ..	536	282	368	286	199	457	168
10 to 49 acres ----- farms ..	198	125	172	163	65	155	71
acres ..	5 131	3 232	4 383	4 321	1 389	3 632	1 742
50 to 69 acres ----- farms ..	41	25	46	43	11	16	16
acres ..	2 433	1 444	2 649	2 478	643	914	912
70 to 99 acres ----- farms ..	123	78	81	118	66	75	64
acres ..	9 972	6 192	6 535	9 603	5 200	6 020	5 133
100 to 139 acres ----- farms ..	74	78	130	160	47	92	46
acres ..	8 616	9 076	15 241	18 787	5 550	10 868	5 440
140 to 179 acres ----- farms ..	140	79	132	167	136	152	94
acres ..	22 064	12 464	20 891	26 311	21 654	23 951	14 902
180 to 219 acres ----- farms ..	69	59	82	74	45	82	50
acres ..	13 765	11 547	16 219	14 600	8 937	16 225	9 770
220 to 259 acres ----- farms ..	56	52	80	69	85	120	63
acres ..	13 291	12 242	18 897	16 553	20 367	28 448	15 029
260 to 499 acres ----- farms ..	231	234	205	249	326	295	288
acres ..	82 747	87 752	73 607	92 441	122 107	107 748	106 886
500 to 999 acres ----- farms ..	151	179	78	163	205	155	204
acres ..	101 953	124 468	52 537	107 909	134 288	101 538	135 092
1,000 to 1,999 acres ----- farms ..	33	45	18	34	28	23	32
acres ..	(D)	58 978	23 759	(D)	(D)	28 313	40 816
2,000 acres or more ----- farms ..	1	4	-	1	2	-	3
acres ..	(D)	8 989	-	(D)	(D)	-	6 270
1982 size of farm:							
1 to 9 acres ----- farms ..	154	87	109	88	75	139	78
acres ..	578	313	409	306	241	483	260
10 to 49 acres ----- farms ..	202	139	173	175	69	190	102
acres ..	5 154	3 634	4 496	4 647	1 725	4 628	2 396
50 to 69 acres ----- farms ..	53	32	47	57	10	39	19
acres ..	3 183	1 851	2 693	3 336	541	2 314	1 126
70 to 99 acres ----- farms ..	136	72	142	106	61	83	62
acres ..	10 948	5 967	11 689	8 729	4 888	6 753	4 935
100 to 139 acres ----- farms ..	102	84	150	148	56	116	73
acres ..	12 105	9 727	17 477	17 350	6 421	13 634	8 559
140 to 179 acres ----- farms ..	140	105	144	178	159	177	105
acres ..	22 111	16 554	22 791	28 121	25 285	28 075	16 723
180 to 219 acres ----- farms ..	79	83	113	103	52	93	64
acres ..	15 578	16 473	22 206	20 311	10 405	18 160	12 829
220 to 259 acres ----- farms ..	79	53	65	91	114	148	82
acres ..	18 827	12 625	20 246	21 624	27 222	35 170	19 530
260 to 499 acres ----- farms ..	245	292	238	308	388	356	372
acres ..	88 191	107 489	84 164	112 465	142 320	126 819	136 631
500 to 999 acres ----- farms ..	135	171	75	118	180	105	179
acres ..	89 452	112 026	48 766	76 903	114 993	69 419	113 583
1,000 to 1,999 acres ----- farms ..	22	32	9	28	20	19	27
acres ..	29 088	39 214	(D)	35 250	(D)	(D)	(D)
2,000 acres or more ----- farms ..	5	3	2	3	1	2	1
acres ..	13 630	7 266	(D)	6 460	(D)	(D)	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland ----- farms, 1987 ..	1 150	962	1 027	1 233	1 014	1 162	938
1982 ..	1 238	1 069	1 193	1 303	1 111	1 330	1 101
acres, 1987 ..	279 149	302 707	211 488	307 384	330 950	295 618	323 346
1982 ..	275 325	292 241	218 515	298 379	326 123	296 489	322 766
Harvested cropland ----- farms, 1987 ..	1 125	938	985	1 198	996	1 115	927
1982 ..	1 210	1 049	1 156	1 273	1 099	1 290	1 082
acres, 1987 ..	223 324	245 517	168 763	236 312	264 594	229 095	263 491
1982 ..	257 275	275 122	201 291	275 747	309 121	273 765	306 918
Cropland used only for pasture or grazing ----- farms, 1987 ..	285	210	332	441	199	398	189
1982 ..	323	248	369	431	265	412	293
acres, 1987 ..	8 393	7 942	8 727	15 077	8 639	13 736	6 381
1982 ..	7 885	7 923	9 595	13 483	9 940	12 683	8 311
Other cropland ----- farms, 1987 ..	783	690	618	825	842	823	753
1982 ..	352	393	373	382	323	411	327
acres, 1987 ..	47 432	49 248	33 998	55 995	57 717	52 787	53 474
1982 ..	10 165	9 196	7 629	9 149	7 062	10 041	7 537
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ----- farms, 1987 ..	331	269	288	390	305	331	238
1982 ..	131	151	158	151	112	148	82
acres, 1987 ..	17 721	16 764	13 671	23 006	18 202	18 449	13 508
1982 ..	4 149	3 256	2 716	3 016	1 843	3 546	1 572

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>FARMS AND LAND IN FARMS</b>							
Farms.....number, 1987..	1 319	942	1 170	929	1 091	1 054	697
.....number, 1982..	1 396	1 087	1 323	1 045	1 214	1 180	766
Land in farms.....acres, 1987..	366 656	333 083	345 483	317 974	338 708	276 216	229 423
.....acres, 1982..	363 436	345 726	349 453	327 445	340 594	289 542	236 759
Average size of farm.....acres, 1987..	278	354	295	342	310	262	329
.....acres, 1982..	260	318	264	313	281	245	309
Value of land and buildings <sup>1</sup> :							
Average per farm.....dollars, 1987..	305 600	264 475	338 007	336 269	336 905	228 742	168 690
.....dollars, 1982..	469 519	412 736	604 251	616 889	448 084	386 711	289 453
Average per acre.....dollars, 1987..	1 088	753	1 209	1 040	1 028	850	489
.....dollars, 1982..	1 839	1 310	2 233	2 010	1 689	1 560	857
Approximate land area.....acres, 1987..	364 787	361 548	372 691	364 422	369 344	322 899	275 833
Proportion in farms.....percent, 1987..	100.5	92.1	92.7	87.3	91.7	85.5	83.2
1987 size of farm:							
1 to 9 acres.....farms..	121	66	103	61	86	73	38
.....acres..	429	188	270	267	249	253	86
10 to 49 acres.....farms..	97	85	98	138	96	105	64
.....acres..	2 094	1 996	2 550	3 002	2 737	2 858	1 831
50 to 69 acres.....farms..	18	14	22	19	11	35	20
.....acres..	1 057	862	1 344	1 054	637	2 144	1 194
70 to 99 acres.....farms..	55	59	76	52	60	94	53
.....acres..	4 372	4 783	6 242	4 321	4 801	7 646	4 356
100 to 139 acres.....farms..	101	49	66	37	53	87	51
.....acres..	12 013	5 621	7 856	4 389	6 220	10 070	5 980
140 to 179 acres.....farms..	150	88	141	72	98	114	65
.....acres..	23 552	13 811	22 349	11 344	15 589	17 795	10 216
180 to 219 acres.....farms..	89	57	76	37	68	79	44
.....acres..	17 526	11 211	14 997	7 346	13 466	15 393	8 556
220 to 259 acres.....farms..	125	74	68	56	76	70	47
.....acres..	29 771	17 718	16 352	(D)	18 086	16 583	11 145
260 to 499 acres.....farms..	364	222	313	227	342	257	165
.....acres..	130 199	80 939	114 538	(D)	125 725	92 503	59 917
500 to 999 acres.....farms..	174	176	179	186	170	118	117
.....acres..	114 042	125 032	120 698	126 950	112 576	81 219	78 226
1,000 to 1,999 acres.....farms..	25	47	27	39	31	20	29
.....acres..	31 601	58 958	(D)	50 144	38 622	(D)	37 476
2,000 acres or more.....farms..	-	5	1	5	-	2	4
.....acres..	-	11 964	(D)	13 538	-	(D)	10 440
1982 size of farm:							
1 to 9 acres.....farms..	115	72	111	80	94	103	34
.....acres..	351	228	312	292	246	352	119
10 to 49 acres.....farms..	81	103	120	142	99	136	79
.....acres..	2 006	2 437	3 309	3 379	2 622	3 788	2 073
50 to 69 acres.....farms..	29	29	34	21	15	44	21
.....acres..	1 680	1 767	1 967	1 195	828	2 582	1 214
70 to 99 acres.....farms..	63	61	86	58	66	87	53
.....acres..	5 138	4 830	6 935	4 726	5 378	6 962	4 374
100 to 139 acres.....farms..	99	66	101	55	65	107	73
.....acres..	11 643	7 620	11 887	6 552	7 574	12 650	8 460
140 to 179 acres.....farms..	197	92	162	85	133	132	79
.....acres..	31 218	14 505	25 689	13 385	21 312	20 643	12 452
180 to 219 acres.....farms..	127	68	102	63	95	94	43
.....acres..	25 142	13 394	20 300	12 566	18 810	18 480	8 535
220 to 259 acres.....farms..	139	102	98	81	91	80	53
.....acres..	32 930	24 217	23 362	19 130	21 768	18 912	12 732
260 to 499 acres.....farms..	392	274	336	269	386	266	180
.....acres..	141 082	99 908	120 315	98 791	139 578	93 762	66 115
500 to 999 acres.....farms..	134	182	141	141	152	98	126
.....acres..	83 969	122 375	94 693	92 978	100 165	65 693	81 697
1,000 to 1,999 acres.....farms..	19	32	32	42	18	30	22
.....acres..	(D)	38 981	40 684	54 686	22 313	37 178	28 958
2,000 acres or more.....farms..	1	6	-	8	-	3	3
.....acres..	(D)	15 464	-	19 765	-	8 540	10 030
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland.....farms, 1987..	1 203	866	1 067	866	1 009	983	630
.....farms, 1982..	1 277	1 008	1 211	963	1 110	1 087	716
.....acres, 1987..	336 646	291 489	303 044	297 124	292 532	245 999	165 204
.....acres, 1982..	326 860	298 951	308 667	300 427	290 172	252 443	173 440
Harvested cropland.....farms, 1987..	1 164	834	1 012	847	979	953	586
.....farms, 1982..	1 248	964	1 172	945	1 095	1 051	677
.....acres, 1987..	270 392	213 323	230 081	233 423	230 141	187 589	93 996
.....acres, 1982..	300 937	246 427	281 855	281 033	262 179	232 837	114 076
Cropland used only for pasture or grazing.....farms, 1987..	392	433	393	233	350	311	371
.....farms, 1982..	484	540	488	245	377	364	414
.....acres, 1987..	16 027	33 588	18 002	9 480	20 636	11 898	45 143
.....acres, 1982..	18 904	39 577	21 274	7 679	21 661	12 040	51 421
Other cropland.....farms, 1987..	850	583	742	641	711	671	330
.....farms, 1982..	305	432	264	370	277	348	258
.....acres, 1987..	50 227	44 578	54 961	54 221	41 755	46 512	26 065
.....acres, 1982..	7 019	12 947	5 538	11 715	6 332	7 566	7 943
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms, 1987..	301	284	337	274	251	273	178
.....farms, 1982..	114	178	89	110	74	104	116
.....acres, 1987..	14 860	17 944	22 563	18 746	13 956	16 637	12 977
.....acres, 1982..	2 243	3 935	1 544	2 995	1 614	1 747	3 084

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>FARMS AND LAND IN FARMS</b>							
Farms.....number, 1987..	877	1 705	1 437	1 339	1 081	921	715
.....number, 1982..	1 045	1 725	1 570	1 511	1 208	954	769
Land in farms.....acres, 1987..	315 558	450 742	376 952	406 895	328 319	266 999	278 714
.....acres, 1982..	347 722	447 361	398 062	426 523	346 023	278 852	300 684
Average size of farm.....acres, 1987..	360	264	262	304	304	290	390
.....acres, 1982..	333	259	254	282	286	292	391
Value of land and buildings <sup>1</sup> :							
Average per farm.....dollars, 1987..	368 560	238 246	260 515	232 297	361 994	127 889	184 389
.....dollars, 1982..	600 418	372 230	513 845	347 996	550 247	248 128	293 190
Average per acre.....dollars, 1987..	1 013	905	980	782	1 151	453	459
.....dollars, 1982..	1 805	1 401	2 130	1 243	1 889	810	787
Approximate land area.....acres, 1987..	363 904	498 252	444 768	457 248	378 092	322 540	342 483
Proportion in farms.....percent, 1987..	86.7	90.5	84.8	89.0	86.8	82.8	81.4
1987 size of farm:							
1 to 9 acres.....farms..	78	116	115	120	85	44	34
.....acres..	204	279	342	292	331	139	88
10 to 49 acres.....farms..	64	119	172	149	188	99	65
.....acres..	1 603	3 190	4 070	3 636	4 889	2 836	1 744
50 to 69 acres.....farms..	5	52	36	25	46	42	21
.....acres..	285	3 087	2 125	1 467	2 698	2 460	1 269
70 to 99 acres.....farms..	48	107	95	69	97	94	60
.....acres..	3 798	8 862	7 801	5 628	7 909	7 719	4 880
100 to 139 acres.....farms..	35	144	115	66	73	89	57
.....acres..	4 289	16 993	13 757	7 794	8 534	10 463	6 778
140 to 179 acres.....farms..	89	194	143	134	79	88	63
.....acres..	14 027	30 659	22 625	21 110	12 424	13 928	9 980
180 to 219 acres.....farms..	41	174	115	77	52	76	47
.....acres..	(D)	34 187	22 734	15 199	10 255	14 986	9 372
220 to 259 acres.....farms..	46	143	93	107	55	59	41
.....acres..	(D)	33 997	22 175	25 549	12 984	14 061	9 823
260 to 499 acres.....farms..	243	434	339	336	186	175	150
.....acres..	90 228	152 070	121 963	123 497	67 717	62 503	56 688
500 to 999 acres.....farms..	193	194	185	211	161	118	123
.....acres..	133 343	128 431	122 955	141 374	111 217	78 738	81 824
1,000 to 1,999 acres.....farms..	33	25	29	42	51	29	39
.....acres..	(D)	32 772	36 405	53 551	66 422	38 078	49 662
2,000 acres or more.....farms..	2	3	-	3	8	8	15
.....acres..	(D)	6 215	-	7 798	22 939	21 088	46 606
1982 size of farm:							
1 to 9 acres.....farms..	58	78	128	92	81	32	37
.....acres..	182	223	393	258	319	98	145
10 to 49 acres.....farms..	94	140	194	155	214	102	73
.....acres..	2 379	3 816	4 845	3 972	5 475	3 049	1 925
50 to 69 acres.....farms..	13	46	36	50	47	42	20
.....acres..	807	2 715	2 085	2 924	2 824	2 467	1 170
70 to 99 acres.....farms..	62	120	89	87	106	88	55
.....acres..	4 992	9 944	7 149	7 007	8 656	7 171	4 427
100 to 139 acres.....farms..	52	150	140	85	74	126	54
.....acres..	6 161	17 957	16 757	10 024	8 542	14 796	6 535
140 to 179 acres.....farms..	108	201	155	144	85	86	71
.....acres..	17 007	31 707	24 531	22 840	13 430	13 570	11 370
180 to 219 acres.....farms..	48	206	129	111	55	63	38
.....acres..	9 521	40 844	25 281	21 770	10 767	12 504	7 467
220 to 259 acres.....farms..	79	138	111	133	73	65	52
.....acres..	18 778	32 663	26 406	31 783	17 387	15 321	12 320
260 to 499 acres.....farms..	307	445	387	423	250	177	193
.....acres..	110 975	157 285	139 946	152 899	91 351	63 061	71 948
500 to 999 acres.....farms..	187	170	165	198	175	130	120
.....acres..	128 483	110 206	107 228	129 651	117 708	85 149	80 701
1,000 to 1,999 acres.....farms..	36	30	36	31	42	39	42
.....acres..	(D)	(D)	43 441	(D)	53 317	49 682	54 225
2,000 acres or more.....farms..	1	1	-	2	6	4	14
.....acres..	(D)	(D)	-	(D)	16 247	11 984	48 451
<b>LAND IN FARMS ACCORDING TO USE</b>							
Total cropland.....farms, 1987..	805	1 578	1 319	1 198	987	853	647
.....acres, 1987..	978	1 605	1 438	1 413	1 110	885	703
.....farms, 1982..	288 126	330 458	337 038	359 327	288 548	185 649	177 836
.....acres, 1982..	311 666	312 730	349 969	367 396	294 781	196 921	197 832
Harvested cropland.....farms, 1987..	795	1 508	1 256	1 128	947	795	581
.....acres, 1987..	957	1 563	1 394	1 349	1 079	847	667
.....farms, 1982..	229 226	240 158	258 502	264 366	223 550	107 597	97 184
.....acres, 1982..	289 853	264 630	321 273	311 178	272 553	136 324	131 493
Cropland used only for pasture or grazing.....farms, 1987..	160	861	466	597	270	515	374
.....acres, 1987..	262	916	511	758	289	504	389
.....farms, 1982..	10 047	41 152	19 967	38 964	16 097	48 429	53 263
.....acres, 1982..	13 740	41 222	21 130	43 787	13 652	51 178	58 652
Other cropland.....farms, 1987..	647	764	880	794	647	356	312
.....acres, 1987..	299	268	313	460	310	263	182
.....farms, 1982..	48 853	49 148	58 569	55 997	48 901	29 623	27 389
.....acres, 1982..	8 073	6 878	7 566	12 431	8 576	9 419	7 687
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured.....farms, 1987..	214	345	393	314	290	198	179
.....acres, 1987..	83	114	130	178	139	80	58
.....farms, 1982..	12 174	20 941	25 260	18 297	17 574	15 398	14 114
.....acres, 1982..	2 010	2 315	2 874	4 786	3 643	2 588	2 049

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>FARMS AND LAND IN FARMS</b>								
Farms..... number, 1987..	1 452	753	593	1 689	609	1 510	985	1 012
..... number, 1982..	1 481	815	652	1 708	714	1 641	1 097	1 168
Land in farms..... acres, 1987..	353 840	210 843	211 002	334 112	227 932	420 682	296 488	346 389
..... acres, 1982..	351 861	224 770	227 557	338 912	245 412	437 010	301 722	366 773
Average size of farm..... acres, 1987..	244	280	356	198	374	279	301	342
..... acres, 1982..	238	276	349	198	344	266	275	314
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars, 1987..	261 096	292 827	344 460	215 749	390 667	252 587	269 842	355 919
..... dollars, 1982..	524 076	457 121	569 368	360 172	715 637	460 057	552 887	693 421
Average per acre..... dollars, 1987..	1 100	1 075	975	1 135	1 036	906	947	1 080
..... dollars, 1982..	2 253	1 712	1 731	1 805	2 068	1 708	1 992	2 219
Approximate land area..... acres, 1987..	369 888	264 960	243 577	388 268	252 025	468 019	320 870	372 857
..... percent, 1987..	95.7	79.6	86.6	86.1	90.4	89.9	92.4	92.9
1987 size of farm:								
1 to 9 acres..... farms..	105	56	47	128	33	112	67	86
..... acres..	261	220	122	285	106	363	224	277
10 to 49 acres..... farms..	97	93	56	185	53	118	131	68
..... acres..	2 348	2 351	1 359	4 721	1 109	3 064	3 303	1 673
50 to 69 acres..... farms..	32	38	11	63	16	36	30	19
..... acres..	1 867	2 272	634	(D)	958	2 134	1 778	1 167
70 to 99 acres..... farms..	82	61	50	92	23	105	70	52
..... acres..	6 641	4 964	4 178	7 568	1 814	8 822	5 778	4 218
100 to 139 acres..... farms..	128	66	19	170	16	125	62	55
..... acres..	15 128	7 976	2 290	20 023	1 788	14 636	7 219	6 601
140 to 179 acres..... farms..	237	67	45	279	45	178	84	89
..... acres..	37 500	10 569	7 180	44 301	7 162	28 201	13 338	14 144
180 to 219 acres..... farms..	150	46	15	225	24	127	52	52
..... acres..	29 405	9 090	2 997	44 593	4 782	25 139	10 253	10 335
220 to 259 acres..... farms..	131	44	32	128	33	117	72	77
..... acres..	31 013	10 478	7 682	30 305	7 841	27 653	17 319	18 422
260 to 499 acres..... farms..	342	161	165	323	195	391	221	285
..... acres..	120 289	58 583	60 858	111 130	70 617	141 926	79 575	100 557
500 to 999 acres..... farms..	126	89	119	86	145	154	161	188
..... acres..	83 457	62 529	80 972	(D)	97 652	105 464	110 343	128 986
1,000 to 1,999 acres..... farms..	22	25	34	9	24	46	31	37
..... acres..	26 031	29 898	42 730	(D)	(D)	55 620	38 385	44 679
2,000 acres or more..... farms..	-	5	-	1	2	3	4	4
..... acres..	-	11 913	-	(D)	(D)	7 660	8 973	15 330
1982 size of farm:								
1 to 9 acres..... farms..	95	72	43	88	37	102	64	91
..... acres..	300	252	147	254	83	336	242	312
10 to 49 acres..... farms..	102	109	53	200	49	174	157	84
..... acres..	2 734	2 878	1 407	4 685	1 177	4 750	4 202	2 264
50 to 69 acres..... farms..	36	38	15	55	20	40	46	24
..... acres..	2 066	2 196	823	3 146	1 112	2 398	2 718	1 425
70 to 99 acres..... farms..	88	63	31	116	25	116	75	62
..... acres..	7 178	5 248	2 490	9 498	2 076	9 472	6 237	4 956
100 to 139 acres..... farms..	124	71	27	159	25	133	76	52
..... acres..	14 543	8 279	3 109	18 730	3 005	15 667	8 947	6 032
140 to 179 acres..... farms..	252	69	69	282	81	186	106	109
..... acres..	39 967	10 977	10 948	44 636	12 839	29 417	16 817	17 425
180 to 219 acres..... farms..	153	64	24	243	28	148	62	81
..... acres..	30 035	12 619	4 848	48 219	5 571	29 343	12 281	16 113
220 to 259 acres..... farms..	154	44	41	145	36	118	76	101
..... acres..	36 198	10 364	9 806	34 310	8 644	28 149	17 996	24 015
260 to 499 acres..... farms..	335	177	198	328	253	405	262	370
..... acres..	117 413	63 171	73 748	110 533	92 773	144 476	95 923	131 619
500 to 999 acres..... farms..	127	84	120	84	146	175	142	160
..... acres..	83 117	58 476	80 215	53 093	97 754	113 484	93 270	105 368
1,000 to 1,999 acres..... farms..	15	20	30	7	11	41	29	28
..... acres..	18 310	25 038	(D)	(D)	13 368	51 658	(D)	37 174
2,000 acres or more..... farms..	-	4	1	1	3	3	2	6
..... acres..	-	25 272	(D)	(D)	7 010	7 860	(D)	20 070
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987..	1 355	706	550	1 534	568	1 397	921	923
..... farms, 1982..	1 389	735	610	1 593	674	1 536	1 035	1 077
..... acres, 1987..	306 898	173 024	193 330	266 787	211 733	363 025	272 361	319 360
..... acres, 1982..	303 628	177 938	202 840	260 927	222 299	365 635	269 426	331 785
Harvested cropland..... farms, 1987..	1 315	688	534	1 469	553	1 353	888	900
..... farms, 1982..	1 368	719	598	1 549	665	1 493	1 001	1 065
..... acres, 1987..	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
..... acres, 1982..	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
Cropland used only for pasture or grazing..... farms, 1987..	625	230	152	809	101	582	210	170
..... farms, 1982..	670	218	167	792	157	655	265	241
..... acres, 1987..	24 007	12 039	6 863	33 359	5 678	23 086	7 282	7 127
..... acres, 1982..	21 568	10 454	9 887	31 692	8 683	24 224	6 697	11 137
Other cropland..... farms, 1987..	657	461	427	578	469	890	679	767
..... farms, 1982..	267	232	203	240	227	393	390	365
..... acres, 1987..	39 995	27 828	35 145	27 068	40 092	60 780	49 714	60 614
..... acres, 1982..	6 986	6 602	6 170	5 660	5 832	11 018	9 138	11 388
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms, 1987..	270	227	171	219	136	412	299	296
..... farms, 1982..	100	80	68	95	55	156	145	82
..... acres, 1987..	14 173	12 394	11 308	9 602	9 216	24 150	19 364	18 200
..... acres, 1982..	1 917	2 124	1 854	2 131	1 296	4 355	2 970	2 362

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>FARMS AND LAND IN FARMS</b>								
Farms ..... number, 1987..	719	948	1 037	960	1 026	1 052	1 065	1 024
..... 1982..	771	1 054	1 135	1 105	1 158	1 176	1 208	1 192
Land in farms ..... acres, 1987..	308 796	353 283	319 657	316 631	347 353	347 774	337 990	387 190
..... 1982..	306 786	359 023	320 558	326 495	358 259	351 156	355 823	408 601
Average size of farm ..... acres, 1987..	429	373	308	330	339	331	317	378
..... 1982..	398	341	282	295	309	299	295	343
Value of land and buildings <sup>1</sup> :								
Average per farm ..... dollars, 1987..	358 252	389 490	386 797	237 917	419 561	376 239	343 083	312 974
..... 1982..	555 154	642 557	637 077	372 675	716 290	635 868	665 576	375 596
Average per acre ..... dollars, 1987..	815	1 037	1 227	769	1 251	1 117	1 026	839
..... 1982..	1 410	2 001	2 392	1 293	2 338	2 160	2 276	1 143
Approximate land area ..... acres, 1987..	329 504	365 632	320 832	377 760	368 832	365 452	364 230	446 387
Proportion in farms ..... percent, 1987..	93.7	96.6	99.6	83.8	94.2	95.2	92.8	86.7
1987 size of farm:								
1 to 9 acres ..... farms..	59	81	108	58	84	64	115	60
..... acres..	145	214	352	154	277	165	318	159
10 to 49 acres ..... farms..	58	85	78	100	75	61	86	98
..... acres..	1 582	2 365	1 863	2 728	1 950	1 562	2 305	2 661
50 to 69 acres ..... farms..	13	24	15	32	20	10	16	25
..... acres..	756	1 416	899	1 880	1 153	578	902	1 459
70 to 99 acres ..... farms..	50	36	53	62	63	52	58	44
..... acres..	4 019	2 947	4 196	5 035	5 118	4 179	4 662	3 681
100 to 139 acres ..... farms..	36	28	52	70	54	40	65	70
..... acres..	4 320	3 217	6 219	8 120	6 339	4 690	7 606	8 089
140 to 179 acres ..... farms..	56	82	150	92	87	151	85	81
..... acres..	8 815	12 973	23 773	14 529	13 669	23 879	13 397	12 890
180 to 219 acres ..... farms..	32	53	50	60	63	48	75	53
..... acres..	6 359	10 443	10 003	11 900	12 414	9 410	14 842	10 262
220 to 259 acres ..... farms..	30	45	106	50	65	75	71	57
..... acres..	7 134	(D)	25 344	11 892	15 355	17 834	16 913	13 614
260 to 499 acres ..... farms..	151	252	238	218	287	326	266	252
..... acres..	55 889	(D)	86 487	79 706	105 510	119 013	100 033	92 368
500 to 999 acres ..... farms..	162	210	146	176	190	199	192	222
..... acres..	111 539	144 362	100 722	121 340	129 742	134 663	131 504	149 944
1,000 to 1,999 acres ..... farms..	65	47	36	36	34	26	34	54
..... acres..	86 992	59 094	44 427	44 747	44 328	31 801	(D)	69 321
2,000 acres or more ..... farms..	7	5	5	6	4	-	2	8
..... acres..	21 246	12 542	15 372	14 600	11 498	-	(D)	22 742
1982 size of farm:								
1 to 9 acres ..... farms..	50	89	107	67	87	70	132	66
..... acres..	143	295	365	186	250	225	421	227
10 to 49 acres ..... farms..	56	73	95	138	90	64	98	117
..... acres..	1 416	1 741	2 223	3 879	2 247	1 689	2 365	3 230
50 to 69 acres ..... farms..	16	18	17	29	11	11	28	33
..... acres..	905	1 034	981	1 651	629	634	1 560	1 939
70 to 99 acres ..... farms..	54	54	71	88	75	62	70	55
..... acres..	4 362	4 409	5 605	7 139	6 023	5 000	5 669	4 504
100 to 139 acres ..... farms..	34	37	64	77	69	47	58	74
..... acres..	4 034	4 365	7 501	8 977	8 231	5 692	6 927	8 699
140 to 179 acres ..... farms..	59	94	174	97	100	181	123	87
..... acres..	9 430	14 954	27 499	15 337	15 907	28 610	19 258	13 609
180 to 219 acres ..... farms..	40	70	78	60	80	76	77	77
..... acres..	8 046	13 917	15 476	11 883	15 959	15 069	15 260	15 177
220 to 259 acres ..... farms..	45	61	125	73	95	123	106	85
..... acres..	10 736	14 369	29 801	17 516	22 655	29 233	25 164	20 296
260 to 499 acres ..... farms..	188	322	251	289	336	361	323	319
..... acres..	70 383	116 431	89 438	106 683	120 821	129 272	116 361	118 512
500 to 999 acres ..... farms..	178	198	119	154	181	156	151	228
..... acres..	121 174	135 334	79 913	106 295	118 313	103 339	100 545	152 950
1,000 to 1,999 acres ..... farms..	46	35	27	31	32	22	35	46
..... acres..	59 376	43 398	36 386	(D)	(D)	25 246	46 286	58 730
2,000 acres or more ..... farms..	5	3	7	2	2	3	7	5
..... acres..	16 781	8 776	25 370	(D)	(D)	7 147	16 007	10 728
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland ..... farms, 1987..	657	868	943	885	959	990	964	954
..... 1982..	723	967	1 038	1 011	1 074	1 120	1 097	1 115
..... acres, 1987..	268 547	320 413	298 268	260 062	325 528	328 038	305 339	328 917
..... 1982..	266 574	320 091	295 171	262 379	326 699	324 774	315 745	347 293
Harvested cropland ..... farms, 1987..	638	850	929	830	935	975	944	925
..... 1982..	706	956	1 012	984	1 059	1 103	1 071	1 093
..... acres, 1987..	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
..... 1982..	221 709	298 927	280 478	212 433	312 961	309 687	295 747	298 908
Cropland used only for pasture or grazing ..... farms, 1987..	271	219	219	397	158	168	202	337
..... 1982..	320	297	283	491	188	233	252	520
..... acres, 1987..	18 683	10 302	7 289	38 161	4 966	5 951	8 240	21 018
..... 1982..	22 726	12 449	8 254	40 038	4 221	6 622	10 040	37 147
Other cropland ..... farms, 1987..	507	680	708	554	803	850	750	730
..... 1982..	351	324	252	350	395	360	378	396
..... acres, 1987..	46 854	52 106	47 498	45 647	58 048	62 715	53 533	54 031
..... 1982..	22 139	8 715	6 439	9 908	9 517	8 465	9 958	11 238
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987..	299	269	252	276	249	327	242	283
..... 1982..	140	126	92	139	93	79	118	124
..... acres, 1987..	22 034	17 717	16 204	18 480	16 879	20 255	15 328	15 379
..... 1982..	3 907	2 490	1 734	4 209	1 836	1 882	2 337	2 718

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Henry	Howard	Humboldt	Ia	Iowa	Jackson	Jasper	Jefferson
<b>FARMS AND LAND IN FARMS</b>								
Farms ----- number, 1987..	893	938	754	787	1 057	1 354	1 465	775
1982..	963	1 055	848	874	1 150	1 422	1 589	894
Land in farms ----- acres, 1987..	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
1982..	239 403	278 861	275 422	259 676	361 465	347 358	447 362	247 992
Average size of farm ----- acres, 1987..	259	287	365	330	312	255	292	303
1982..	249	264	325	297	314	244	282	277
Value of land and buildings:								
Average per farm ----- dollars, 1987..	274 058	209 318	395 920	340 405	262 675	188 218	264 082	242 323
1982..	428 883	342 330	722 805	441 650	502 028	370 878	447 734	356 150
Average per acre ----- dollars, 1987..	979	737	1 089	956	873	794	928	818
1982..	1 745	1 403	2 181	1 587	1 560	1 477	1 683	1 367
Approximate land area ----- acres, 1987..	278 988	302 585	279 353	276 416	375 833	408 332	468 012	281 388
Proportion in farms ----- percent, 1987..	83.0	89.0	98.6	94.1	87.7	84.6	91.3	83.4
1987 size of farm:								
1 to 9 acres ----- farms..	69	64	46	58	64	91	142	41
acres..	162	186	135	147	110	207	395	114
10 to 49 acres ----- farms..	101	86	40	69	100	154	207	82
acres..	2 626	2 026	967	1 595	2 699	3 964	5 486	2 038
50 to 69 acres ----- farms..	49	15	7	9	27	47	43	36
acres..	2 873	851	423	492	1 550	2 684	2 511	2 102
70 to 99 acres ----- farms..	78	64	34	45	68	77	88	63
acres..	6 368	5 089	2 768	3 650	5 686	6 371	7 290	5 124
100 to 139 acres ----- farms..	67	54	29	31	89	111	84	85
acres..	8 038	6 408	3 365	3 670	10 557	13 146	9 868	9 973
140 to 179 acres ----- farms..	76	131	85	82	90	145	133	66
acres..	12 054	20 652	13 577	13 021	14 228	22 757	21 134	10 434
180 to 219 acres ----- farms..	51	69	39	43	83	120	76	47
acres..	10 128	13 728	7 699	8 551	16 304	23 642	14 931	9 260
220 to 259 acres ----- farms..	55	87	54	62	96	98	65	39
acres..	13 199	20 823	12 937	14 782	22 752	23 202	15 520	9 247
260 to 499 acres ----- farms..	211	221	242	216	261	326	349	168
acres..	73 673	79 289	90 556	78 516	95 064	115 458	129 122	60 876
500 to 999 acres ----- farms..	116	114	150	142	147	163	225	118
acres..	77 795	75 695	103 408	96 285	99 896	106 379	152 279	84 218
1,000 to 1,999 acres ----- farms..	20	31	25	29	26	20	52	27
acres..	24 701	(D)	31 499	(D)	32 537	(D)	(D)	35 116
2,000 acres or more ----- farms..	-	2	3	1	6	2	1	3
acres..	-	(D)	8 059	(D)	28 322	(D)	(D)	6 314
1982 size of farm:								
1 to 9 acres ----- farms..	63	70	51	59	62	91	128	54
acres..	221	228	136	165	116	255	356	168
10 to 49 acres ----- farms..	124	102	49	62	123	155	219	104
acres..	3 216	2 738	1 036	1 389	3 211	4 129	5 695	2 758
50 to 69 acres ----- farms..	48	22	8	10	38	55	44	39
acres..	2 854	1 264	479	609	2 211	3 168	2 530	2 246
70 to 99 acres ----- farms..	91	70	60	43	70	84	105	69
acres..	7 431	5 706	4 823	3 488	5 825	6 994	8 628	5 695
100 to 139 acres ----- farms..	61	78	38	51	96	124	98	88
acres..	7 315	9 099	4 456	6 006	11 373	14 304	11 283	10 331
140 to 179 acres ----- farms..	77	161	102	98	113	158	124	78
acres..	12 079	25 600	16 286	15 611	18 004	24 982	19 611	12 143
180 to 219 acres ----- farms..	62	74	44	48	81	127	96	58
acres..	12 168	14 876	8 738	9 644	15 960	25 171	18 990	11 415
220 to 259 acres ----- farms..	68	98	56	72	95	109	94	62
acres..	16 148	23 342	13 438	17 093	22 497	25 761	22 545	14 855
260 to 499 acres ----- farms..	249	253	274	284	285	351	409	193
acres..	87 612	89 370	99 002	102 640	102 740	123 225	149 241	70 551
500 to 999 acres ----- farms..	102	97	142	137	151	151	226	121
acres..	66 788	65 442	92 473	89 053	101 009	98 350	148 583	80 742
1,000 to 1,999 acres ----- farms..	18	27	21	10	32	16	41	26
acres..	23 571	33 305	26 924	13 978	41 993	(D)	48 177	(D)
2,000 acres or more ----- farms..	-	3	3	-	4	1	5	2
acres..	-	7 891	7 631	-	36 526	(D)	11 713	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland ----- farms, 1987..	815	877	716	717	985	1 236	1 314	720
1982..	894	974	797	811	1 073	1 278	1 456	825
acres, 1987..	191 238	241 273	258 581	233 599	287 149	245 576	366 582	190 468
1982..	192 677	244 599	254 509	228 033	300 084	245 878	379 277	196 211
Harvested cropland ----- farms, 1987..	771	856	706	687	947	1 160	1 240	685
1982..	867	959	793	772	1 036	1 238	1 403	782
acres, 1987..	138 792	178 288	214 069	176 524	203 549	164 703	276 515	139 236
1982..	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
Cropland used only for pasture or grazing ----- farms, 1987..	281	321	83	327	560	700	581	312
1982..	331	397	122	387	625	812	692	415
acres, 1987..	14 278	14 429	2 761	19 997	39 885	47 669	33 109	20 886
1982..	15 575	17 636	4 787	20 179	45 592	47 539	39 896	27 801
Other cropland ----- farms, 1987..	580	611	587	517	601	535	864	445
1982..	234	332	221	210	426	216	482	288
acres, 1987..	38 168	48 556	41 751	37 078	43 715	33 204	56 958	30 346
1982..	6 438	9 229	5 152	6 169	17 748	5 155	14 755	8 567
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ----- farms, 1987..	291	279	148	200	310	188	420	248
1982..	84	123	42	63	153	96	182	147
acres, 1987..	16 492	17 691	7 589	11 255	20 394	9 947	25 403	15 953
1982..	1 573	2 912	630	1 366	4 820	2 181	3 897	3 293

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>FARMS AND LAND IN FARMS</b>								
Farms..... number, 1987..	1 356	1 161	1 036	1 718	989	1 690	634	690
..... 1982..	1 508	1 307	1 193	1 885	1 060	1 810	699	769
Land in farms..... acres, 1987..	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
..... 1982..	328 240	336 524	350 693	611 480	286 741	368 525	208 670	219 497
Average size of farm..... acres, 1987..	225	278	331	349	269	211	314	299
..... 1982..	218	257	294	324	252	204	299	285
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars, 1987..	254 265	272 757	299 094	405 311	226 981	245 298	345 395	146 104
..... 1982..	433 308	437 471	416 496	706 001	283 376	422 683	530 770	258 029
Average per acre..... dollars, 1987..	1 167	977	843	1 158	810	1 147	1 104	468
..... 1982..	2 008	1 709	1 413	2 172	1 165	2 108	1 774	985
Approximate land area..... acres, 1987..	393 049	368 812	371 315	623 321	334 028	463 340	257 305	276 793
Proportion in farms..... percent, 1987..	77.8	87.4	92.4	96.1	79.7	76.8	77.3	74.6
1987 size of farm:								
1 to 9 acres..... farms..	104	78	80	100	47	135	43	30
..... acres..	317	207	256	304	127	485	104	84
10 to 49 acres..... farms..	219	133	102	77	136	332	69	83
..... acres..	5 427	3 334	2 734	2 080	3 609	9 146	1 906	2 526
50 to 69 acres..... farms..	51	32	31	30	47	93	16	36
..... acres..	2 927	1 939	(D)	1 748	2 801	5 317	966	2 073
70 to 99 acres..... farms..	139	75	55	61	84	175	40	64
..... acres..	11 495	6 227	4 427	4 917	7 003	14 355	3 216	5 345
100 to 139 acres..... farms..	152	91	95	59	83	171	46	51
..... acres..	17 634	10 721	11 001	6 919	9 592	20 097	5 280	5 865
140 to 179 acres..... farms..	105	115	57	218	107	166	39	59
..... acres..	16 580	18 223	9 031	34 559	16 993	26 259	6 131	9 316
180 to 219 acres..... farms..	90	86	53	85	71	107	42	50
..... acres..	17 853	16 847	10 500	16 820	13 970	21 099	8 333	9 810
220 to 259 acres..... farms..	79	92	75	148	51	81	57	54
..... acres..	18 855	22 061	17 559	34 961	12 045	19 260	13 592	12 844
260 to 499 acres..... farms..	256	264	281	584	210	235	154	149
..... acres..	92 155	92 572	92 219	214 125	75 164	85 216	57 624	53 680
500 to 999 acres..... farms..	131	167	175	287	116	160	100	83
..... acres..	83 530	113 204	(D)	190 273	77 905	107 248	66 903	57 184
1,000 to 1,999 acres..... farms..	30	25	47	65	35	32	27	27
..... acres..	(D)	30 031	(D)	80 036	(D)	39 143	(D)	38 122
2,000 acres or more..... farms..	1	3	5	4	2	3	1	4
..... acres..	(D)	6 840	(D)	12 411	(D)	8 375	(D)	9 670
1982 size of farm:								
1 to 9 acres..... farms..	99	67	73	116	54	128	43	34
..... acres..	344	197	201	306	209	514	146	95
10 to 49 acres..... farms..	249	159	126	86	156	377	81	95
..... acres..	6 142	3 990	3 616	2 315	4 150	10 084	2 258	2 907
50 to 69 acres..... farms..	56	47	39	23	45	94	28	46
..... acres..	3 226	2 756	2 251	1 384	2 611	5 459	1 583	2 631
70 to 99 acres..... farms..	133	69	81	71	92	195	49	67
..... acres..	10 904	5 665	6 691	5 756	7 563	16 211	4 015	5 410
100 to 139 acres..... farms..	181	109	92	69	91	175	47	65
..... acres..	21 167	12 945	10 946	8 085	10 533	20 536	5 537	7 766
140 to 179 acres..... farms..	131	134	92	265	122	182	46	56
..... acres..	20 560	21 259	14 580	41 926	19 304	28 489	7 275	8 911
180 to 219 acres..... farms..	107	122	81	125	69	101	50	61
..... acres..	21 179	24 030	15 869	24 839	13 487	20 028	9 859	12 064
220 to 259 acres..... farms..	98	107	104	199	59	91	57	54
..... acres..	23 182	25 280	24 667	47 485	14 062	21 356	13 488	12 763
260 to 499 acres..... farms..	304	329	297	620	244	295	156	168
..... acres..	106 485	116 616	106 899	221 456	86 587	105 256	56 652	61 209
500 to 999 acres..... farms..	124	139	173	247	96	145	121	95
..... acres..	80 484	94 036	114 653	161 287	64 235	97 349	80 795	65 457
1,000 to 1,999 acres..... farms..	23	24	30	52	31	23	19	25
..... acres..	27 952	(D)	37 307	65 864	(D)	29 120	(D)	32 919
2,000 acres or more..... farms..	3	1	5	12	1	4	2	3
..... acres..	6 615	(D)	13 013	30 777	(D)	14 123	(D)	7 365
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987..	1 239	1 084	945	1 619	914	1 577	592	627
..... 1982..	1 401	1 221	1 113	1 775	976	1 666	652	699
..... acres, 1987..	265 285	265 527	281 115	563 110	201 475	308 295	168 176	147 514
..... 1982..	280 130	268 064	283 795	562 987	194 896	313 294	172 245	149 995
Harvested cropland..... farms, 1987..	1 178	1 023	892	1 601	882	1 502	571	568
..... 1982..	1 329	1 176	1 085	1 760	939	1 614	630	656
..... acres, 1987..	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
..... 1982..	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
Cropland used only for pasture or grazing..... farms, 1987..	589	514	479	249	374	621	174	387
..... 1982..	727	566	575	335	364	570	190	390
..... acres, 1987..	27 289	26 317	33 364	8 862	19 811	23 793	8 447	47 751
..... 1982..	32 947	28 975	39 146	10 006	21 799	19 262	9 730	45 475
Other cropland..... farms, 1987..	635	645	608	1 378	558	813	435	285
..... 1982..	327	251	375	568	227	307	228	235
..... acres, 1987..	39 035	44 228	49 296	95 201	31 730	41 823	28 924	22 050
..... 1982..	9 281	5 942	14 740	15 442	5 597	7 835	7 670	9 903
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms, 1987..	350	302	339	394	228	364	210	152
..... 1982..	126	99	146	134	89	141	84	78
..... acres, 1987..	18 891	17 514	22 778	21 812	9 877	15 357	12 511	10 550
..... 1982..	2 551	2 086	3 097	2 609	1 811	3 729	2 254	3 362

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>FARMS AND LAND IN FARMS</b>								
Farms..... number, 1987..	1 234	1 059	1 193	1 131	1 073	641	939	854
..... number, 1982..	1 391	1 154	1 265	1 231	1 201	684	1 011	933
Land in farms..... acres, 1987..	342 938	293 643	328 093	279 315	330 012	245 380	270 582	377 030
..... acres, 1982..	357 493	313 648	336 033	292 414	337 775	254 238	273 000	378 621
Average size of farm..... acres, 1987..	278	277	275	247	308	383	288	441
..... acres, 1982..	257	272	266	238	281	372	270	406
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars, 1987..	284 406	220 540	291 229	183 063	313 765	278 058	259 002	356 706
..... dollars, 1982..	418 314	332 089	398 498	309 110	555 366	552 778	468 480	500 580
Average per acre..... dollars, 1987..	981	778	1 059	785	1 041	773	923	773
..... dollars, 1982..	1 633	1 138	1 551	1 343	2 059	1 431	1 801	1 300
Approximate land area..... acres, 1987..	376 160	360 153	365 715	358 457	366 713	281 100	300 480	446 124
Proportion in farms..... percent, 1987..	91.2	81.5	89.7	77.9	90.0	87.3	90.0	84.5
1987 size of farm:								
1 to 9 acres..... farms..	125	75	95	102	94	37	97	50
..... acres..	327	198	286	316	316	96	267	136
10 to 49 acres..... farms..	84	159	124	177	130	90	90	52
..... acres..	1 986	4 599	3 416	4 537	3 349	2 368	2 287	1 473
50 to 69 acres..... farms..	18	54	47	55	37	23	22	24
..... acres..	1 049	3 220	2 797	3 227	2 102	1 392	1 328	1 365
70 to 99 acres..... farms..	58	111	73	81	66	26	49	50
..... acres..	4 739	9 005	5 924	7 204	5 318	2 149	4 078	4 084
100 to 139 acres..... farms..	40	93	99	94	68	47	54	55
..... acres..	4 743	10 865	11 389	10 943	7 884	5 498	6 284	6 395
140 to 179 acres..... farms..	189	88	103	110	89	39	85	69
..... acres..	29 938	13 642	16 335	17 341	14 214	6 244	13 589	10 867
180 to 219 acres..... farms..	65	46	80	66	54	28	55	38
..... acres..	12 850	9 041	15 862	12 922	10 429	5 470	10 977	7 556
220 to 259 acres..... farms..	105	60	79	52	79	36	78	56
..... acres..	25 088	14 574	18 609	12 312	18 814	8 618	18 377	13 314
260 to 499 acres..... farms..	375	194	303	228	222	131	250	190
..... acres..	134 392	71 010	109 501	83 985	81 352	48 919	89 943	70 440
500 to 999 acres..... farms..	151	135	163	128	188	139	134	177
..... acres..	98 272	93 300	108 727	87 159	128 254	97 039	89 896	(D)
1,000 to 1,999 acres..... farms..	24	39	25	27	44	38	23	79
..... acres..	29 574	49 914	(D)	(D)	(D)	49 434	(D)	(D)
2,000 acres or more..... farms..	-	5	2	1	2	7	2	14
..... acres..	-	14 275	(D)	(D)	(D)	18 153	(D)	34 285
1982 size of farm:								
1 to 9 acres..... farms..	127	81	87	93	110	40	72	53
..... acres..	352	263	278	323	390	163	241	176
10 to 49 acres..... farms..	90	187	135	200	147	100	111	52
..... acres..	2 377	5 378	3 716	5 108	3 846	2 638	2 866	1 566
50 to 69 acres..... farms..	20	49	41	46	50	17	11	25
..... acres..	1 178	2 886	2 391	2 684	2 832	1 008	659	1 491
70 to 99 acres..... farms..	90	110	74	107	79	42	51	50
..... acres..	7 278	9 016	5 947	8 725	6 424	3 370	4 264	4 019
100 to 139 acres..... farms..	40	94	97	118	60	38	71	65
..... acres..	4 699	11 291	11 310	13 711	7 163	4 403	8 246	7 585
140 to 179 acres..... farms..	249	76	131	95	112	46	109	77
..... acres..	39 495	12 020	20 771	15 075	17 708	7 175	17 181	12 244
180 to 219 acres..... farms..	76	62	83	66	79	26	60	49
..... acres..	15 084	12 072	16 311	13 067	15 529	5 183	11 978	9 684
220 to 259 acres..... farms..	126	65	89	67	82	39	100	55
..... acres..	30 136	15 500	20 922	16 046	19 511	9 245	23 872	13 224
260 to 499 acres..... farms..	423	247	357	290	286	154	296	231
..... acres..	150 826	88 629	126 337	105 572	106 572	57 032	105 141	83 336
500 to 999 acres..... farms..	135	144	149	128	157	132	111	205
..... acres..	86 135	98 059	97 493	85 567	103 577	91 001	73 082	140 935
1,000 to 1,999 acres..... farms..	13	34	19	21	35	46	17	61
..... acres..	(D)	44 410	21 909	26 536	44 204	60 687	(D)	78 480
2,000 acres or more..... farms..	2	5	3	-	4	4	2	10
..... acres..	(D)	14 124	8 648	-	10 019	12 333	(D)	25 881
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987..	1 108	962	1 096	1 032	977	603	842	799
..... farms, 1982..	1 261	1 031	1 158	1 131	1 102	646	934	875
..... acres, 1987..	312 475	212 601	277 151	223 313	293 898	218 846	247 794	320 615
..... acres, 1982..	318 196	219 533	281 184	222 895	296 090	219 717	243 120	315 883
Harvested cropland..... farms, 1987..	1 078	904	1 052	972	929	577	818	783
..... farms, 1982..	1 239	993	1 122	1 069	1 060	623	913	859
..... acres, 1987..	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
..... acres, 1982..	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
Cropland used only for pasture or grazing..... farms, 1987..	402	496	415	495	300	222	237	218
..... farms, 1982..	468	497	512	546	404	273	263	275
..... acres, 1987..	18 827	43 457	22 267	32 517	14 390	12 704	8 132	18 483
..... acres, 1982..	19 105	48 021	28 008	35 547	17 937	14 868	8 611	21 377
Other cropland..... farms, 1987..	788	529	694	548	694	429	618	613
..... farms, 1982..	216	343	365	359	419	227	321	304
..... acres, 1987..	44 296	32 056	43 784	36 293	61 691	36 783	47 259	60 051
..... acres, 1982..	4 796	8 903	16 087	16 363	13 055	10 007	7 949	11 739
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms, 1987..	235	238	348	314	371	230	294	219
..... farms, 1982..	71	122	117	154	166	89	121	89
..... acres, 1987..	11 490	13 740	20 357	19 142	29 402	17 523	19 734	17 042
..... acres, 1982..	1 549	2 843	2 318	3 449	3 931	2 178	2 507	2 119

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>FARMS AND LAND IN FARMS</b>								
Farms ----- number, 1987..	736	701	901	1 232	731	1 015	934	1 740
1982..	761	769	1 005	1 337	833	1 057	1 015	1 874
Land in farms ----- acres, 1987..	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 469
1982..	222 200	253 540	238 127	362 863	246 057	333 108	345 327	518 018
Average size of farm ----- acres, 1987..	306	354	259	294	316	333	368	300
1982..	292	330	237	271	295	315	340	276
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	138 810	236 856	288 612	362 397	340 338	211 038	377 878	291 724
1982..	201 585	432 464	460 399	552 892	552 899	340 781	670 355	454 705
Average per acre ----- dollars, 1987..	432	672	1 145	1 199	1 063	624	1 096	1 047
1982..	763	1 373	1 830	2 030	1 820	1 106	2 124	1 679
Approximate land area ----- acres, 1987..	277 721	271 225	282 643	367 059	255 046	342 572	359 500	552 992
Proportion in farms ----- percent, 1987..	81.1	91.4	82.4	98.7	90.4	98.6	95.6	94.3
1987 size of farm:								
1 to 9 acres ----- farms..	34	39	65	117	63	58	65	133
acres..	91	120	203	347	206	153	168	398
10 to 49 acres ----- farms..	67	63	156	77	45	99	51	145
acres..	1 964	1 619	3 823	1 681	1 171	2 441	1 211	3 315
50 to 69 acres ----- farms..	33	21	31	9	11	27	17	24
acres..	1 923	1 236	1 833	573	633	1 573	974	1 366
70 to 99 acres ----- farms..	67	41	67	94	30	81	42	108
acres..	5 488	3 303	5 416	7 687	2 437	6 534	3 368	8 671
100 to 139 acres ----- farms..	79	47	69	54	20	56	38	88
acres..	9 187	5 581	8 086	6 396	2 377	6 506	4 343	10 242
140 to 179 acres ----- farms..	67	46	92	135	105	85	97	198
acres..	10 397	7 236	14 643	21 384	16 688	13 465	15 186	31 426
180 to 219 acres ----- farms..	37	49	52	56	46	55	38	89
acres..	7 235	9 836	10 310	11 158	9 012	10 823	7 391	17 723
220 to 259 acres ----- farms..	44	43	53	114	71	63	48	148
acres..	10 539	10 224	12 681	26 972	16 860	14 870	11 400	35 045
260 to 499 acres ----- farms..	170	170	168	377	217	246	283	504
acres..	63 297	65 063	60 344	138 448	80 595	91 838	104 949	182 209
500 to 999 acres ----- farms..	113	153	121	168	96	210	209	253
acres..	75 299	103 802	81 907	109 677	65 171	144 474	138 307	165 365
1,000 to 1,999 acres ----- farms..	20	28	26	30	25	34	46	47
acres..	24 972	(D)	(D)	(D)	(D)	(D)	56 560	58 828
2,000 acres or more ----- farms..	5	1	1	1	2	1	-	3
acres..	14 753	(D)	(D)	(D)	(D)	(D)	-	6 881
1982 size of farm:								
1 to 9 acres ----- farms..	28	51	85	121	72	60	47	127
acres..	73	170	248	318	244	192	114	366
10 to 49 acres ----- farms..	74	80	169	63	39	100	64	145
acres..	2 105	2 071	4 166	1 531	973	2 882	1 742	3 629
50 to 69 acres ----- farms..	43	22	36	12	4	28	8	36
acres..	2 561	1 219	2 112	679	220	1 666	449	2 127
70 to 99 acres ----- farms..	58	40	77	90	49	72	58	119
acres..	4 872	3 191	6 341	7 302	3 930	5 705	4 668	9 576
100 to 139 acres ----- farms..	83	41	68	54	32	71	54	103
acres..	9 837	4 742	7 787	6 304	3 761	8 286	6 398	12 024
140 to 179 acres ----- farms..	64	54	95	193	121	85	88	215
acres..	10 195	8 423	14 979	30 563	19 255	13 333	13 772	34 238
180 to 219 acres ----- farms..	49	50	54	72	51	62	59	117
acres..	9 520	9 857	10 750	14 315	10 136	12 315	11 662	23 117
220 to 259 acres ----- farms..	62	47	57	166	71	60	80	194
acres..	14 858	11 129	13 687	39 502	16 901	14 198	18 825	45 944
260 to 499 acres ----- farms..	160	208	235	411	289	299	345	574
acres..	57 017	76 949	83 675	148 172	106 141	108 753	127 932	206 012
500 to 999 acres ----- farms..	116	155	115	134	85	190	182	210
acres..	75 206	106 762	75 894	87 709	56 631	126 922	122 452	137 009
1,000 to 1,999 acres ----- farms..	21	19	13	21	18	29	29	31
acres..	25 713	(D)	(D)	26 468	(D)	(D)	(D)	37 473
2,000 acres or more ----- farms..	3	2	1	-	2	1	-	3
acres..	10 243	(D)	(D)	-	(D)	(D)	(D)	6 503
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland ----- farms, 1987..	686	654	832	1 126	682	951	876	1 595
1982..	702	717	925	1 210	772	1 006	966	1 735
acres, 1987..	147 087	217 733	199 021	331 555	215 844	284 766	321 339	465 370
1982..	146 201	219 876	196 889	328 168	227 200	281 529	318 155	450 782
Harvested cropland ----- farms, 1987..	634	627	801	1 104	676	908	867	1 545
1982..	667	689	899	1 200	758	961	956	1 691
acres, 1987..	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
1982..	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
Cropland used only for pasture or grazing ----- farms, 1987..	404	309	295	223	148	533	162	588
1982..	404	376	327	284	214	570	224	696
acres, 1987..	48 735	23 663	14 368	10 037	4 294	44 787	7 446	29 347
1982..	51 382	29 308	14 889	9 419	6 733	46 194	7 561	33 541
Other cropland ----- farms, 1987..	316	452	509	883	526	599	753	1 170
1982..	222	305	178	281	230	453	367	305
acres, 1987..	22 770	33 682	31 029	51 880	33 359	37 565	61 942	76 160
1982..	9 725	8 825	5 277	7 044	7 309	13 542	10 383	7 627
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ----- farms, 1987..	175	265	234	262	153	350	225	422
1982..	70	119	57	85	64	208	89	100
acres, 1987..	10 762	17 344	12 402	14 576	7 749	20 521	14 267	23 777
1982..	2 068	2 436	1 058	1 828	1 359	5 079	2 473	2 497

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>FARMS AND LAND IN FARMS</b>								
Farms ..... number, 1987..	987	1 001	1 652	1 047	701	1 035	973	1 177
..... number, 1982..	1 105	1 110	1 828	1 152	776	1 146	1 097	1 317
Land in farms ..... acres, 1987..	349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
..... acres, 1982..	357 387	247 261	555 348	355 718	313 971	359 157	239 166	356 831
Average size of farm ..... acres, 1987..	354	238	329	320	407	348	237	299
..... acres, 1982..	323	223	304	309	405	313	218	271
Value of land and buildings <sup>1</sup> :								
Average per farm ..... dollars, 1987..	402 097	314 218	297 073	289 230	186 298	357 000	361 559	277 542
..... dollars, 1982..	714 013	437 065	438 624	508 794	337 978	621 309	565 795	338 330
Average per acre ..... dollars, 1987..	1 123	1 211	909	928	480	1 071	1 527	915
..... dollars, 1982..	2 184	2 101	1 436	1 744	855	1 915	2 576	1 357
Approximate land area ..... acres, 1987..	369 228	372 428	610 137	374 515	342 707	368 908	293 830	378 169
Proportion in farms ..... percent, 1987..	94.6	64.0	89.1	89.6	83.2	97.5	78.4	92.9
1987 size of farm:								
1 to 9 acres ..... farms..	50	108	147	85	34	73	81	99
..... acres..	122	348	444	221	83	202	263	226
10 to 49 acres ..... farms..	54	281	228	101	45	63	156	84
..... acres..	1 279	7 112	5 458	2 664	1 410	1 447	3 563	2 093
50 to 69 acres ..... farms..	14	40	48	22	10	20	40	17
..... acres..	863	2 324	2 832	1 240	622	1 200	2 416	1 006
70 to 99 acres ..... farms..	53	85	93	58	54	63	68	45
..... acres..	4 270	6 824	7 523	4 507	4 359	5 169	5 469	3 596
100 to 139 acres ..... farms..	52	53	93	72	45	41	77	70
..... acres..	6 074	6 222	10 771	8 396	5 250	4 812	9 156	8 166
140 to 179 acres ..... farms..	109	62	131	101	54	102	98	114
..... acres..	17 286	9 792	20 842	15 914	8 519	16 135	15 638	18 126
180 to 219 acres ..... farms..	42	48	79	52	41	65	69	99
..... acres..	8 255	9 484	15 523	10 239	8 067	12 875	13 793	19 499
220 to 259 acres ..... farms..	61	40	83	74	47	82	72	96
..... acres..	14 416	9 436	22 276	17 779	11 011	19 390	17 065	22 785
260 to 499 acres ..... farms..	306	142	350	255	172	287	188	335
..... acres..	113 909	51 781	129 770	90 767	63 793	103 853	68 134	119 453
500 to 999 acres ..... farms..	214	94	307	182	143	201	102	189
..... acres..	142 978	66 057	(D)	(D)	99 869	134 176	69 097	123 508
1,000 to 1,999 acres ..... farms..	31	40	74	46	46	36	22	29
..... acres..	(D)	49 728	(D)	(D)	57 710	(D)	25 867	32 929
2,000 acres or more ..... farms..	1	8	9	1	10	2	-	-
..... acres..	(D)	18 148	23 570	(D)	24 565	(D)	-	-
1982 size of farm:								
1 to 9 acres ..... farms..	64	100	132	66	33	79	83	99
..... acres..	181	366	466	320	82	221	284	307
10 to 49 acres ..... farms..	43	280	272	106	58	71	196	88
..... acres..	975	6 637	6 913	2 758	1 722	1 606	4 413	2 090
50 to 69 acres ..... farms..	15	64	49	33	16	25	37	25
..... acres..	874	3 756	2 881	1 932	941	1 483	2 255	1 389
70 to 99 acres ..... farms..	50	99	123	63	31	57	88	67
..... acres..	4 014	8 075	9 939	5 083	2 544	4 637	7 205	5 463
100 to 139 acres ..... farms..	52	73	113	69	49	59	81	84
..... acres..	6 127	8 520	13 215	8 174	5 830	6 892	9 566	9 860
140 to 179 acres ..... farms..	121	80	144	109	56	128	128	129
..... acres..	19 069	12 628	23 000	17 159	8 672	20 233	20 078	20 396
180 to 219 acres ..... farms..	70	54	92	64	50	72	81	111
..... acres..	13 779	10 770	17 764	12 600	9 939	14 234	15 967	21 720
220 to 259 acres ..... farms..	95	51	94	82	37	105	83	130
..... acres..	22 608	12 166	22 433	19 421	8 866	24 984	19 836	30 879
260 to 499 acres ..... farms..	388	171	464	314	359	359	208	417
..... acres..	141 005	59 584	170 735	113 260	80 219	129 277	74 573	148 092
500 to 999 acres ..... farms..	183	99	273	186	186	160	96	151
..... acres..	120 342	69 474	185 273	123 771	126 114	104 961	62 137	94 723
1,000 to 1,999 acres ..... farms..	24	34	64	39	35	26	17	15
..... acres..	28 413	43 457	81 405	(D)	45 050	32 569	(D)	(D)
2,000 acres or more ..... farms..	-	5	8	1	8	5	1	1
..... acres..	-	11 818	21 324	(D)	23 892	18 060	(D)	(D)
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland ..... farms, 1987..	944	895	1 481	960	659	961	892	1 071
..... farms, 1982..	1 054	1 002	1 690	1 086	730	1 063	1 017	1 220
..... acres, 1987..	330 508	213 501	488 111	295 594	225 274	321 946	210 370	322 461
..... acres, 1982..	329 375	213 481	491 445	304 647	246 000	323 673	214 026	321 024
Harvested cropland ..... farms, 1987..	929	841	1 429	904	592	945	862	1 035
..... farms, 1982..	1 045	960	1 617	1 029	702	1 044	971	1 185
..... acres, 1987..	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
..... acres, 1982..	317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
Cropland used only for pasture or grazing ..... farms, 1987..	147	238	660	524	439	263	335	501
..... farms, 1982..	202	267	729	608	492	370	348	555
..... acres, 1987..	4 906	9 784	33 880	40 564	70 402	12 130	10 004	21 717
..... acres, 1982..	5 237	9 317	40 013	43 266	76 446	14 870	8 655	26 801
Other cropland ..... farms, 1987..	811	537	1 010	604	373	769	577	800
..... farms, 1982..	342	294	575	326	289	289	157	423
..... acres, 1987..	59 730	34 329	74 595	43 296	35 151	50 835	33 755	56 142
..... acres, 1982..	6 712	8 254	18 702	8 679	10 890	7 164	3 557	10 248
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987..	259	201	470	320	190	273	252	353
..... farms, 1982..	90	116	218	171	96	89	49	157
..... acres, 1987..	18 050	9 885	28 188	21 779	17 495	14 522	13 274	20 081
..... acres, 1982..	1 439	1 877	6 205	4 275	2 366	1 785	773	3 522

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>FARMS AND LAND IN FARMS</b>								
Farms..... number, 1987...	2 015	1 138	1 404	774	693	783	899	1 310
..... number, 1982...	2 100	1 248	1 508	890	772	883	959	1 394
Land in farms..... acres, 1987...	472 363	327 081	417 178	291 057	233 595	244 939	211 685	303 783
..... acres, 1982...	469 990	338 392	419 586	292 301	235 561	270 672	222 717	320 840
Average size of farm..... acres, 1987...	234	287	287	376	337	313	235	232
..... acres, 1982...	224	271	278	328	305	307	232	230
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars, 1987...	282 218	350 423	286 898	180 517	185 510	160 879	155 927	181 805
..... dollars, 1982...	436 331	609 285	495 858	330 161	309 554	301 778	312 587	322 260
Average per acre..... dollars, 1987...	1 181	1 237	977	511	556	531	723	806
..... dollars, 1982...	2 020	2 280	1 760	966	1 088	935	1 249	1 327
Approximate land area..... acres, 1987...	491 968	367 065	461 715	343 737	272 512	309 529	277 875	366 457
Proportion in farms..... percent, 1987...	96.0	89.1	90.4	84.7	85.7	79.1	76.2	82.9
1987 size of farm:								
1 to 9 acres..... farms...	310	105	102	35	36	37	40	86
..... acres...	920	336	313	113	119	97	162	317
10 to 49 acres..... farms...	178	172	141	51	99	70	167	285
..... acres...	4 155	4 329	3 560	1 323	2 766	1 902	4 797	7 390
50 to 69 acres..... farms...	41	49	42	25	30	24	70	60
..... acres...	2 367	2 909	2 480	1 463	1 720	1 416	4 129	3 562
70 to 99 acres..... farms...	152	86	88	53	55	63	87	142
..... acres...	12 179	7 025	7 071	4 284	4 437	5 219	7 226	11 500
100 to 139 acres..... farms...	103	77	112	40	39	91	91	125
..... acres...	12 006	9 124	13 091	4 802	4 446	10 779	10 733	14 589
140 to 179 acres..... farms...	233	86	131	67	57	78	65	117
..... acres...	36 869	13 495	20 659	10 675	8 912	12 253	10 357	18 550
180 to 219 acres..... farms...	110	58	82	51	33	65	53	74
..... acres...	21 699	10 985	16 313	10 140	6 578	12 835	10 554	14 850
220 to 259 acres..... farms...	169	44	98	52	52	44	51	43
..... acres...	39 812	10 285	23 459	12 389	12 414	10 555	11 972	10 100
260 to 499 acres..... farms...	507	230	341	194	140	157	149	197
..... acres...	181 354	82 259	124 774	70 726	52 928	58 436	52 597	70 909
500 to 999 acres..... farms...	179	188	225	163	119	121	108	134
..... acres...	117 663	126 075	(D)	111 107	82 330	83 878	74 059	87 439
1,000 to 1,999 acres..... farms...	31	40	40	37	28	28	17	44
..... acres...	(D)	48 052	(D)	48 151	37 056	36 582	(D)	57 863
2,000 acres or more..... farms...	2	5	2	6	5	5	1	3
..... acres...	(D)	12 207	(D)	15 884	19 889	10 967	(D)	6 714
1982 size of farm:								
1 to 9 acres..... farms...	259	94	95	42	49	46	38	91
..... acres...	786	304	290	154	143	133	152	333
10 to 49 acres..... farms...	162	205	147	69	100	85	168	299
..... acres...	3 668	5 053	3 950	1 905	2 904	2 511	4 963	7 772
50 to 69 acres..... farms...	41	29	40	22	24	35	63	81
..... acres...	2 382	1 697	2 432	1 287	1 324	2 046	3 708	4 767
70 to 99 acres..... farms...	135	90	108	70	56	71	97	165
..... acres...	10 849	7 308	8 743	5 674	4 456	5 792	8 082	13 396
100 to 139 acres..... farms...	125	86	95	63	61	90	106	119
..... acres...	14 824	9 940	11 185	7 495	7 274	10 315	12 486	13 843
140 to 179 acres..... farms...	310	110	163	83	73	57	74	96
..... acres...	48 870	17 319	26 042	13 212	11 448	9 044	11 734	15 265
180 to 219 acres..... farms...	148	78	109	47	41	69	51	66
..... acres...	29 217	15 365	21 548	9 278	7 975	13 578	10 044	12 915
220 to 259 acres..... farms...	200	69	131	88	49	62	52	71
..... acres...	47 584	16 374	31 298	20 887	11 780	14 819	12 218	16 703
260 to 499 acres..... farms...	552	291	399	215	168	193	189	225
..... acres...	192 996	108 391	143 725	81 342	60 018	70 733	67 393	80 910
500 to 999 acres..... farms...	147	164	190	160	123	142	101	137
..... acres...	93 359	108 757	123 067	108 371	83 695	95 222	66 441	91 856
1,000 to 1,999 acres..... farms...	21	28	29	28	25	30	19	39
..... acres...	25 455	34 676	(D)	34 404	32 084	39 871	(D)	51 295
2,000 acres or more..... farms...	-	4	2	3	3	3	1	5
..... acres...	-	13 208	(D)	8 292	12 460	6 608	(D)	11 785
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987...	1 719	1 036	1 293	721	640	740	833	1 203
..... farms, 1982...	1 847	1 151	1 400	830	717	830	900	1 285
..... acres, 1987...	438 716	302 492	367 588	229 338	177 099	165 726	162 399	235 212
..... acres, 1982...	429 405	307 739	355 033	230 349	176 400	182 304	170 960	240 683
Harvested cropland..... farms, 1987...	1 667	1 001	1 238	690	597	699	788	1 104
..... farms, 1982...	1 816	1 113	1 350	800	683	801	862	1 188
..... acres, 1987...	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
..... acres, 1982...	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
Cropland used only for pasture or grazing..... farms, 1987...	439	228	534	413	374	332	362	642
..... farms, 1982...	487	271	604	477	404	403	396	649
..... acres, 1987...	14 194	7 588	28 759	46 781	44 872	28 804	23 983	46 420
..... acres, 1982...	14 975	8 712	30 556	52 077	48 042	39 664	30 330	45 648
Other cropland..... farms, 1987...	1 181	762	867	430	344	403	373	565
..... farms, 1982...	339	406	497	371	208	278	295	397
..... acres, 1987...	71 664	52 478	63 945	41 514	31 011	28 782	21 495	32 934
..... acres, 1982...	7 920	9 788	15 074	13 128	6 405	10 577	9 601	13 765
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms, 1987...	330	275	432	249	159	223	198	309
..... farms, 1982...	91	124	176	135	74	123	124	173
..... acres, 1987...	17 388	15 495	27 131	21 228	13 396	14 605	10 906	15 623
..... acres, 1982...	1 572	2 862	4 446	3 499	1 974	4 368	2 759	3 766

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Washington	Wayne	Webster	Winnebago	Winneshek	Woodbury	Worth	Wright
<b>FARMS AND LAND IN FARMS</b>								
Farms..... number, 1987..	1 158	743	1 235	742	1 633	1 360	667	882
..... number, 1982..	1 238	824	1 357	847	1 724	1 579	798	1 009
Land in farms..... acres, 1987..	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
..... acres, 1982..	337 850	290 174	419 632	246 550	400 613	478 624	234 314	360 468
Average size of farm..... acres, 1987..	278	379	337	327	231	332	332	390
..... acres, 1982..	273	352	309	291	232	303	294	357
Value of land and buildings <sup>1</sup> :								
Average per farm..... dollars, 1987..	267 295	184 013	432 253	367 438	192 457	255 831	317 865	504 641
..... dollars, 1982..	500 745	308 826	656 194	528 423	337 351	384 259	572 857	758 698
Average per acre..... dollars, 1987..	1 044	488	1 289	1 132	846	769	1 043	1 235
..... dollars, 1982..	1 854	876	2 147	1 824	1 356	1 243	2 001	2 237
Approximate land area..... acres, 1987..	364 844	336 921	459 577	256 505	441 536	559 020	256 569	370 272
Proportion in farms..... percent, 1987..	88.1	83.5	90.7	84.5	85.4	80.8	86.4	92.9
1987 size of farm:								
1 to 9 acres..... farms..	101	45	75	54	113	123	53	40
..... acres..	292	96	236	182	284	411	181	111
10 to 49 acres..... farms..	136	55	118	49	145	170	73	62
..... acres..	3 662	1 637	3 066	1 173	3 740	4 176	1 971	1 734
50 to 69 acres..... farms..	35	22	24	15	49	35	14	17
..... acres..	2 086	1 230	1 422	872	2 809	2 068	832	995
70 to 99 acres..... farms..	78	31	92	52	92	84	33	38
..... acres..	6 408	2 515	7 368	4 139	7 489	6 670	2 702	3 074
100 to 139 acres..... farms..	87	41	73	48	166	64	33	44
..... acres..	10 165	4 918	8 493	5 557	19 638	7 681	3 955	5 045
140 to 179 acres..... farms..	94	67	111	80	231	106	62	83
..... acres..	14 920	10 623	17 634	12 653	36 506	16 783	9 782	13 120
180 to 219 acres..... farms..	67	48	67	39	168	80	28	40
..... acres..	13 317	9 452	13 545	7 776	32 783	15 754	(D)	7 965
220 to 259 acres..... farms..	77	43	69	46	128	86	39	50
..... acres..	18 399	10 108	16 512	11 026	30 150	20 539	(D)	11 900
260 to 499 acres..... farms..	287	182	323	199	403	317	166	253
..... acres..	103 924	64 398	116 059	71 579	144 033	115 101	(D)	95 275
500 to 999 acres..... farms..	167	166	223	131	123	226	143	199
..... acres..	111 871	110 061	149 435	89 125	79 087	157 937	97 631	131 742
1,000 to 1,999 acres..... farms..	27	38	55	26	14	61	23	52
..... acres..	(D)	50 186	70 153	30 831	(D)	81 529	29 277	62 871
2,000 acres or more..... farms..	2	5	5	3	1	8	-	4
..... acres..	(D)	16 045	12 700	7 517	(D)	23 110	-	10 178
1982 size of farm:								
1 to 9 acres..... farms..	103	33	105	72	90	122	67	63
..... acres..	379	88	382	239	200	480	221	219
10 to 49 acres..... farms..	161	78	125	68	146	208	92	60
..... acres..	4 017	2 268	3 238	1 579	3 833	5 257	2 286	1 475
50 to 69 acres..... farms..	37	19	29	14	71	59	19	9
..... acres..	2 205	1 126	1 747	762	4 115	3 482	1 091	496
70 to 99 acres..... farms..	91	48	79	53	101	103	44	44
..... acres..	7 373	3 906	6 413	4 232	8 322	8 289	3 563	3 590
100 to 139 acres..... farms..	87	48	72	46	175	87	46	42
..... acres..	10 308	5 652	8 527	5 321	20 368	10 290	5 523	4 889
140 to 179 acres..... farms..	108	69	121	108	220	149	84	98
..... acres..	17 304	10 905	18 896	17 199	34 788	23 519	13 980	15 714
180 to 219 acres..... farms..	73	45	85	39	174	87	53	49
..... acres..	14 457	8 802	16 994	7 744	34 077	17 215	10 632	9 688
220 to 259 acres..... farms..	81	66	106	79	169	97	55	77
..... acres..	19 213	15 754	25 123	18 745	40 061	23 105	13 125	18 484
260 to 499 acres..... farms..	308	221	372	237	427	376	186	335
..... acres..	111 752	81 713	133 190	85 977	149 637	135 810	67 862	122 144
500 to 999 acres..... farms..	159	164	216	106	137	224	131	189
..... acres..	107 183	111 062	142 193	70 959	87 234	151 121	87 492	123 873
1,000 to 1,999 acres..... farms..	27	28	45	23	13	55	19	37
..... acres..	34 664	36 996	(D)	(D)	(D)	68 822	(D)	44 792
2,000 acres or more..... farms..	3	5	2	2	1	12	2	6
..... acres..	8 995	11 902	(D)	(D)	(D)	31 234	(D)	15 104
<b>LAND IN FARMS ACCORDING TO USE</b>								
Total cropland..... farms, 1987..	1 058	674	1 161	700	1 510	1 227	617	842
..... acres, 1982..	1 135	764	1 289	788	1 608	1 454	732	958
Harvested cropland..... farms, 1987..	278 666	217 862	384 173	224 561	300 701	399 325	205 576	323 154
..... acres, 1982..	283 299	224 087	380 229	225 041	310 414	414 894	213 427	331 218
Harvested cropland..... farms, 1987..	1 024	630	1 140	686	1 422	1 162	592	832
..... acres, 1982..	1 098	731	1 251	774	1 562	1 377	714	950
..... farms, 1987..	206 315	114 904	312 048	177 414	219 842	278 373	157 665	260 638
..... acres, 1982..	247 227	152 831	363 832	211 136	262 028	359 752	199 142	319 992
Cropland used only for pasture or grazing..... farms, 1987..	447	450	163	130	851	513	164	122
..... acres, 1982..	499	463	217	192	914	668	178	141
..... farms, 1987..	24 184	63 425	6 014	3 163	36 980	35 865	6 064	4 649
..... acres, 1982..	25 547	56 401	6 084	4 274	40 000	40 679	5 040	3 963
Other cropland..... farms, 1987..	676	404	947	558	691	833	494	723
..... acres, 1982..	309	337	396	407	340	466	353	304
..... farms, 1987..	48 167	39 533	66 111	43 984	44 079	85 087	41 847	57 887
..... acres, 1982..	10 525	14 855	10 513	9 631	8 386	14 463	9 245	7 263
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured..... farms, 1987..	323	215	278	230	315	312	213	224
..... acres, 1982..	131	121	80	112	128	161	98	59
..... farms, 1987..	19 305	19 975	17 641	16 894	18 108	27 141	14 718	14 839
..... acres, 1982..	3 861	3 517	1 789	2 632	2 515	3 948	2 026	1 264

See footnotes at end of table.



**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Total cropland-Con.							
Other cropland-Con.							
Cropland on which all crops failed..... farms, 1987..	14	10	10	7	27	5	4
1982..	28	35	44	14	47	48	52
acres, 1987..	(D)	176	168	176	638	(D)	(D)
1982..	(D)	(D)	454	286	973	826	635
Cropland in cultivated summer fallow ..... farms, 1987..	1	9	3	10	8	8	9
1982..	2	3	7	5	13	5	4
acres, 1987..	(D)	379	164	416	562	(D)	(D)
1982..	(D)	(D)	252	257	248	89	149
Cropland idle..... farms, 1987..	498	469	388	516	592	563	558
1982..	211	229	211	231	188	238	220
acres, 1987..	29 413	31 929	19 995	32 397	38 315	33 656	39 160
1982..	5 304	5 562	4 207	5 610	4 000	5 580	5 181
Total woodland..... farms, 1987..	200	234	246	301	64	208	51
1982..	211	238	289	306	109	239	89
acres, 1987..	7 064	14 365	7 943	10 209	3 570	8 380	1 788
1982..	6 586	16 553	9 644	10 743	5 267	8 738	3 118
Woodland pastured ..... farms, 1987..	90	116	76	158	29	97	23
1982..	110	155	117	178	55	133	49
acres, 1987..	3 668	8 002	2 963	5 576	2 434	4 780	1 304
1982..	3 433	11 240	4 053	6 632	3 989	4 868	2 307
Woodland not pastured ..... farms, 1987..	130	142	197	187	42	135	30
1982..	122	112	191	165	67	125	46
acres, 1987..	3 396	6 363	4 980	4 633	1 196	3 600	484
1982..	3 153	5 313	5 591	4 111	1 278	3 870	811
Other land ..... farms, 1987..	992	800	875	1 035	910	1 058	748
1982..	1 093	920	1 043	1 105	1 004	1 233	941
acres, 1987..	19 303	19 594	15 655	19 533	24 278	24 116	17 026
1982..	26 934	24 345	22 243	26 380	29 730	30 773	25 489
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1987..	169	168	216	202	155	272	90
1982..	240	182	269	238	161	297	125
acres, 1987..	5 194	6 803	4 936	5 969	7 169	8 351	3 252
1982..	6 417	6 917	7 216	6 601	7 374	10 089	6 181
Land in house lots, ponds, roads, wasteland, etc. .... farms, 1987..	959	768	848	1 004	882	1 016	734
1982..	1 062	895	1 019	1 083	990	1 207	921
acres, 1987..	14 109	12 791	10 719	13 564	17 109	15 765	13 774
1982..	20 517	17 428	15 027	19 779	22 356	20 684	19 308
Pastureland, all types ..... farms, 1987..	470	428	523	632	395	644	273
1982..	562	504	640	677	438	724	422
acres, 1987..	17 255	22 747	16 626	26 822	18 242	26 867	10 837
1982..	17 735	26 080	20 864	26 716	21 303	27 640	16 799
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	824	708	673	878	838	868	793
1982..	266	297	252	273	210	293	262
acres, 1987..	42 528	41 850	30 399	49 702	48 331	43 458	45 296
1982..	4 956	4 591	3 594	5 266	3 262	4 819	3 838
Cropland placed under the conservation reserve program..... farms, 1987..	22	54	50	37	58	104	43
acres, 1987..	1 154	2 765	1 820	1 369	2 137	7 125	1 639

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>							
Total cropland-Con.							
Other cropland-Con.							
Cropland on which all crops failed----- farms, 1987--	18	7	8	9	8	13	44
1982--	27	72	16	36	35	35	54
acres, 1987--	270	(D)	(D)	367	(D)	259	(D)
1982--	241	1 355	(D)	360	(D)	509	(D)
Cropland in cultivated summer fallow ----- farms, 1987--	4	10	3	8	2	11	3
1982--	10	13	1	4	1	8	2
acres, 1987--	331	(D)	(D)	386	(D)	748	(D)
1982--	370	484	(D)	156	(D)	453	(D)
Cropland idle----- farms, 1987--	626	365	454	433	513	463	179
1982--	181	258	170	254	195	244	136
acres, 1987--	34 766	26 143	31 962	34 722	27 521	28 868	11 493
1982--	4 165	7 173	3 769	8 204	3 919	4 857	2 946
Total woodland----- farms, 1987--	94	138	244	108	118	248	249
1982--	92	167	283	132	128	288	285
acres, 1987--	2 464	4 062	14 080	3 497	7 226	8 966	16 556
1982--	3 252	5 552	12 816	2 959	5 909	8 798	20 313
Woodland pastured ----- farms, 1987--	43	79	144	41	51	121	169
1982--	48	99	184	58	77	156	197
acres, 1987--	1 488	2 388	9 071	1 856	4 136	4 549	12 002
1982--	2 294	2 929	9 117	1 637	3 802	5 542	13 627
Woodland not pastured ----- farms, 1987--	62	76	140	78	83	168	122
1982--	46	85	147	97	69	177	130
acres, 1987--	976	1 674	5 009	1 641	3 090	4 417	4 554
1982--	958	2 623	3 699	1 322	2 107	3 256	6 686
Other land ----- farms, 1987--	1 057	796	931	702	899	835	572
1982--	1 194	916	1 093	836	1 042	985	628
acres, 1987--	27 546	37 532	28 359	17 353	38 950	21 251	47 663
1982--	33 324	41 223	27 970	24 059	44 513	28 301	43 006
Pastureland and rangeland other than cropland and woodland pastured ----- farms, 1987--	184	270	247	117	309	234	275
1982--	240	243	234	170	329	280	244
acres, 1987--	7 750	15 593	14 009	3 810	20 310	8 274	35 741
1982--	8 478	15 437	9 907	6 584	19 709	10 105	28 358
Land in house lots, ponds, roads, wasteland, etc.----- farms, 1987--	1 026	751	889	682	856	796	520
1982--	1 144	876	1 062	810	988	953	589
acres, 1987--	19 786	21 939	14 350	13 543	18 640	12 977	11 822
1982--	24 846	25 786	18 063	17 475	24 804	18 196	14 648
Pastureland, all types ----- farms, 1987--	532	609	596	341	596	527	553
1982--	691	732	691	407	684	622	598
acres, 1987--	25 265	51 569	41 082	15 146	45 082	24 721	92 886
1982--	29 676	57 943	40 298	15 900	45 172	27 687	93 406
Cropland diverted under annual commodity acreage adjustment programs----- farms, 1987--	954	670	819	678	810	738	349
1982--	230	312	172	292	210	273	199
acres, 1987--	44 241	36 907	49 069	45 109	39 317	36 267	11 423
1982--	3 297	6 505	3 526	7 002	3 378	4 652	2 584
Cropland placed under the conservation reserve program----- farms, 1987--	39	64	53	77	34	105	118
acres, 1987--	4 372	6 495	5 572	4 482	2 425	7 711	12 782

See footnotes at end of table.



**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland—Con.								
Other cropland—Con.								
Cropland on which all crops failed..... farms, 1987--	4	15	12	6	3	19	1	2
1982--	21	27	26	18	34	24	27	43
acres, 1987--	(D)	159	109	(D)	(D)	305	(D)	(D)
1982--	329	580	870	324	(D)	379	317	617
Cropland in cultivated summer fallow ..... farms, 1987--	11	7	5	22	5	20	9	15
1982--	7	4	4	10	1	6	11	10
acres, 1987--	(D)	144	287	(D)	(D)	1 282	253	(D)
1982--	475	122	123	422	(D)	229	153	467
Cropland idle..... farms, 1987--	438	276	314	382	360	553	439	534
1982--	158	143	127	132	156	235	293	265
acres, 1987--	25 138	15 131	23 441	16 509	30 463	35 043	(D)	41 450
1982--	4 265	3 776	3 323	2 783	3 771	6 055	5 698	7 942
Total woodland..... farms, 1987--	413	294	44	694	59	499	222	115
1982--	383	315	61	717	74	515	251	122
acres, 1987--	23 340	17 006	1 243	36 532	2 422	26 792	7 192	3 927
1982--	18 345	19 110	954	38 640	2 226	27 262	6 657	4 904
Woodland pastured ..... farms, 1987--	279	171	18	518	38	299	95	56
1982--	274	180	31	569	37	338	133	57
acres, 1987--	16 028	8 266	708	25 503	1 613	15 769	3 119	2 333
1982--	13 235	10 286	492	28 554	1 664	18 402	3 714	3 476
Woodland not pastured ..... farms, 1987--	198	176	30	337	33	320	153	65
1982--	172	186	37	311	41	308	146	69
acres, 1987--	7 312	8 740	535	11 029	809	11 023	4 073	1 594
1982--	5 110	8 824	462	10 086	562	8 860	2 943	1 428
Other land ..... farms, 1987--	1 135	580	468	1 202	446	1 215	785	819
1982--	1 207	633	541	1 314	542	1 362	923	967
acres, 1987--	23 702	20 813	16 429	30 793	13 777	30 865	16 935	23 102
1982--	29 888	27 722	23 763	39 345	20 887	44 113	25 639	30 084
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1987--	257	177	97	452	96	312	167	152
1982--	279	196	128	453	120	371	223	152
acres, 1987--	8 121	11 192	6 823	19 192	5 298	12 795	4 945	6 047
1982--	10 748	15 773	9 955	22 578	9 244	17 482	7 564	6 907
Land in house lots, ponds, roads, wasteland, etc. .... farms, 1987--	1 087	551	449	1 106	420	1 170	756	794
1982--	1 171	610	514	1 221	520	1 303	891	947
acres, 1987--	15 581	9 621	9 606	11 601	8 479	18 070	11 990	17 055
1982--	19 140	11 949	13 808	16 767	11 643	26 631	18 075	23 177
Pastureland, all types ..... farms, 1987--	889	394	239	1 231	196	861	397	326
1982--	922	439	283	1 282	273	979	496	398
acres, 1987--	48 156	31 497	14 394	78 054	12 589	51 650	15 346	15 507
1982--	45 551	36 513	20 334	82 824	19 591	60 108	17 975	21 520
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987--	1 029	486	422	896	476	1 063	710	796
1982--	198	163	154	127	154	321	301	301
acres, 1987--	44 164	23 410	26 267	24 235	30 654	52 343	39 568	50 014
1982--	3 746	3 310	2 572	1 494	3 086	6 120	5 164	6 776
Cropland placed under the conservation reserve program..... farms, 1987--	73	41	93	88	62	119	118	80
acres, 1987--	4 644	3 042	4 986	6 240	4 343	9 331	6 964	4 458

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed----- farms, 1987..	64	7	5	16	19	8	9	19
1982..	137	21	21	31	46	56	30	39
acres, 1987..	4 540	(D)	(D)	1 295	396	(D)	404	372
1982..	9 173	(D)	(D)	381	(D)	830	(D)	1 171
Cropland in cultivated summer fallow ----- farms, 1987..	7	2	7	11	9	6	6	10
1982..	19	4	5	5	3	6	2	4
acres, 1987..	523	(D)	(D)	569	302	(D)	523	480
1982..	964	(D)	(D)	292	(D)	116	(D)	66
Cropland idle----- farms, 1987..	260	477	483	333	585	590	552	518
1982..	177	202	158	231	281	254	261	283
acres, 1987..	19 757	34 139	30 789	25 303	40 471	41 853	37 276	37 800
1982..	8 095	5 292	4 160	5 026	6 946	5 637	7 259	7 283
Total woodland----- farms, 1987..	211	145	60	260	105	65	157	347
1982..	208	173	54	271	132	70	189	444
acres, 1987..	10 112	7 756	1 231	16 472	3 983	1 339	9 481	21 564
1982..	11 725	10 083	1 260	14 479	6 977	1 672	10 839	23 081
Woodland pastured ----- farms, 1987..	93	87	26	163	39	23	92	197
1982..	115	114	26	184	62	30	110	282
acres, 1987..	3 832	4 720	443	10 185	1 536	381	6 593	9 807
1982..	6 066	7 150	719	10 187	3 689	633	7 549	14 565
Woodland not pastured ----- farms, 1987..	139	75	38	137	78	47	86	224
1982..	126	85	31	125	85	43	99	231
acres, 1987..	6 280	3 036	788	6 287	2 447	958	2 888	11 757
1982..	5 659	2 933	541	4 292	3 288	1 039	3 290	8 496
Other land ----- farms, 1987..	578	764	808	754	806	795	841	777
1982..	636	860	956	899	927	946	955	953
acres, 1987..	30 137	25 114	20 158	40 097	17 842	18 397	23 170	36 709
1982..	28 487	28 849	24 127	49 637	24 583	24 710	29 239	38 247
Pastureland and rangeland other than cropland and woodland pastured ----- farms, 1987..	116	172	172	283	115	103	192	224
1982..	132	188	218	303	139	135	199	211
acres, 1987..	12 492	9 768	5 897	23 773	3 860	3 675	9 392	15 125
1982..	8 107	10 553	6 366	28 357	5 704	5 090	10 036	14 059
Land in house lots, ponds, roads, wasteland, etc.----- farms, 1987..	567	727	782	689	790	776	806	728
1982..	614	825	934	859	905	928	917	925
acres, 1987..	17 645	15 346	14 261	16 324	13 982	14 722	13 778	21 584
1982..	20 380	18 296	17 761	21 280	18 879	19 620	19 203	24 188
Pastureland, all types ----- farms, 1987..	372	392	370	611	277	262	404	554
1982..	448	516	469	738	350	346	480	751
acres, 1987..	35 007	24 790	13 629	72 119	10 362	10 007	24 225	45 950
1982..	36 899	30 152	15 339	78 582	13 614	12 345	27 625	65 771
Cropland diverted under annual commodity acreage adjustment programs----- farms, 1987..	502	704	783	608	782	873	786	703
1982..	261	272	168	261	302	256	308	302
acres, 1987..	33 153	46 184	45 411	29 124	51 142	51 939	47 801	39 582
1982..	7 006	4 858	3 573	4 363	5 502	4 681	5 340	5 454
Cropland placed under the conservation reserve program----- farms, 1987..	49	46	12	102	56	87	49	64
1982..	5 284	2 101	729	11 972	2 521	4 365	3 134	5 189

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed..... farms, 1987..	33	11	6	21	10	19	23	30
1982..	49	32	36	15	83	8	113	50
acres, 1987..	793	453	134	248	117	387	(D)	1 050
1982..	1 476	(D)	(D)	(D)	3 084	65	(D)	2 112
Cropland in cultivated summer fallow ..... farms, 1987..	6	11	6	5	4	25	10	8
1982..	4	2	2	3	9	7	1	12
acres, 1987..	611	1 091	398	258	450	1 225	(D)	295
1982..	473	(D)	(D)	(D)	522	339	(D)	419
Cropland idle..... farms, 1987..	325	392	467	382	355	380	540	233
1982..	133	208	164	144	276	130	262	122
acres, 1987..	20 272	29 321	33 630	25 317	22 754	21 645	30 828	13 048
1982..	2 916	5 469	3 832	4 527	9 322	2 570	6 755	2 743
Total woodland..... farms, 1987..	316	242	85	36	274	707	349	343
1982..	316	275	81	33	286	775	340	367
acres, 1987..	19 984	7 543	3 293	425	12 116	54 850	14 311	17 979
1982..	20 939	8 285	3 556	461	12 800	56 512	13 667	16 851
Woodland pastured ..... farms, 1987..	194	123	40	11	173	542	164	176
1982..	192	146	47	13	185	623	196	207
acres, 1987..	10 737	3 172	1 430	189	6 861	42 586	7 137	8 791
1982..	12 036	4 771	1 705	262	7 669	44 539	8 571	8 018
Woodland not pastured ..... farms, 1987..	191	156	52	26	151	312	219	208
1982..	174	170	46	23	161	309	197	212
acres, 1987..	9 247	4 371	1 863	236	5 255	12 264	7 174	9 188
1982..	8 903	3 514	1 851	199	5 131	11 973	5 096	8 833
Other land ..... farms, 1987..	682	759	578	654	860	971	1 237	664
1982..	758	887	668	730	977	1 061	1 370	723
acres, 1987..	20 395	20 469	13 519	26 079	30 440	45 186	46 303	26 369
1982..	25 787	25 977	17 357	31 182	48 581	44 968	54 418	34 930
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1987..	200	189	70	194	196	400	420	232
1982..	204	237	64	192	218	398	412	251
acres, 1987..	9 203	7 912	2 243	11 498	12 795	33 207	24 160	12 571
1982..	10 296	9 664	2 567	11 394	26 315	31 682	24 492	17 298
Land in house lots, ponds, roads, wasteland, etc. .... farms, 1987..	644	738	565	613	833	876	1 167	625
1982..	735	863	657	699	942	985	1 331	692
acres, 1987..	11 192	12 557	11 276	14 581	17 645	11 979	22 143	13 798
1982..	15 491	16 313	14 790	19 788	22 266	13 286	29 926	17 632
Pastureland, all types ..... farms, 1987..	494	476	159	441	679	1 090	924	503
1982..	546	613	199	539	770	1 157	1 034	617
acres, 1987..	34 218	25 513	6 434	31 684	59 541	123 462	64 406	42 248
1982..	37 907	32 071	9 059	31 835	79 576	123 760	72 959	53 117
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	575	636	609	567	769	786	930	476
1982..	158	272	156	170	350	173	348	189
acres, 1987..	28 965	31 427	37 645	32 325	38 678	26 349	46 380	21 980
1982..	2 448	5 362	2 558	2 853	7 483	2 501	6 177	3 530
Cropland placed under the conservation reserve program..... farms, 1987..	55	150	12	44	101	114	119	60
acres, 1987..	3 704	12 476	412	4 420	9 333	10 403	8 784	4 404

See footnotes at end of table.

Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed..... farms, 1987..	39	19	27	21	36	25	14	14
1982..	93	25	92	82	37	46	30	73
acres, 1987..	670	326	480	390	929	466	422	591
1982..	(D)	(D)	4 461	(D)	675	693	(D)	3 403
Cropland in cultivated summer fallow ..... farms, 1987..	10	16	7	7	19	3	5	5
1982..	2	3	10	3	16	6	2	6
acres, 1987..	676	437	347	483	847	297	135	85
1982..	(D)	(D)	1 028	(D)	505	228	(D)	126
Cropland idle..... farms, 1987..	328	397	346	1 072	367	491	254	166
1982..	156	137	197	396	113	145	136	129
acres, 1987..	18 798	25 951	25 691	72 516	20 077	25 703	15 856	10 824
1982..	3 797	3 194	6 154	11 066	2 606	3 185	3 445	3 012
Total woodland..... farms, 1987..	475	394	343	117	511	488	244	283
1982..	474	471	417	134	504	488	253	299
acres, 1987..	14 168	20 931	23 538	4 912	35 718	18 656	15 121	18 324
1982..	15 088	29 058	22 543	5 119	37 112	18 755	15 929	17 586
Woodland pastured ..... farms, 1987..	276	240	196	51	308	302	120	193
1982..	278	309	260	64	323	300	128	199
acres, 1987..	7 603	12 937	11 223	2 555	18 770	11 919	5 964	11 310
1982..	8 218	19 660	13 026	2 626	20 663	11 458	7 998	10 927
Woodland not pastured ..... farms, 1987..	263	220	222	75	302	259	173	129
1982..	271	235	245	89	287	261	166	143
acres, 1987..	6 565	7 994	12 315	2 357	16 948	6 737	9 157	7 014
1982..	6 870	9 398	9 517	2 493	16 449	7 297	7 931	6 659
Other land ..... farms, 1987..	1 083	955	802	1 320	784	1 316	474	552
1982..	1 217	1 094	956	1 516	844	1 436	537	655
acres, 1987..	26 171	35 748	38 511	31 131	28 897	29 049	15 558	40 681
1982..	33 022	39 402	44 355	43 374	34 733	36 476	20 496	51 916
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1987..	281	313	260	134	301	333	119	274
1982..	253	328	248	175	257	398	155	302
acres, 1987..	9 201	21 021	19 484	5 638	17 256	12 934	6 834	29 934
1982..	8 418	18 791	19 388	6 151	17 937	13 970	8 184	38 040
Land in house lots, ponds, roads, wasteland, etc. .... farms, 1987..	1 034	903	756	1 297	709	1 257	442	492
1982..	1 181	1 048	917	1 492	804	1 379	518	594
acres, 1987..	16 970	14 727	19 027	25 493	11 641	16 115	8 724	10 747
1982..	24 604	20 611	24 967	37 223	16 796	22 506	12 312	13 876
Pastureland, all types ..... farms, 1987..	832	725	665	392	664	958	297	577
1982..	956	862	789	518	672	1 000	362	640
acres, 1987..	44 093	60 275	64 071	17 055	55 837	48 646	21 245	88 995
1982..	49 583	67 426	71 560	18 783	60 399	44 690	25 912	94 442
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	688	781	687	1 422	548	883	462	305
1982..	161	161	298	422	86	164	168	153
acres, 1987..	31 915	37 900	38 463	82 081	21 574	37 256	26 117	10 395
1982..	2 577	2 582	6 231	7 690	1 275	2 843	3 913	2 322
Cropland placed under the conservation reserve program..... farms, 1987..	54	72	128	106	56	65	28	111
acres, 1987..	4 204	8 255	12 054	4 859	3 658	3 689	2 092	9 878

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland—Con.								
Other cropland—Con.								
Cropland on which all crops failed ----- farms, 1987--	5	44	16	13	14	35	5	21
1982--	3	57	140	123	55	54	32	26
acres, 1987--	(D)	639	736	1 152	366	(D)	184	572
1982--	(D)	2 196	8 889	6 177	1 490	2 207	1 309	924
Cropland in cultivated summer fallow ----- farms, 1987--	11	11	9	9	6	4	7	10
1982--	2	6	6	6	12	5	9	8
acres, 1987--	(D)	430	470	733	292	(D)	360	359
1982--	(D)	184	199	315	484	121	220	755
Cropland idle----- farms, 1987--	626	324	374	295	392	232	391	459
1982--	144	211	171	167	246	121	196	212
acres, 1987--	31 935	17 247	22 221	15 266	31 631	17 123	26 981	42 078
1982--	3 160	3 680	4 681	6 422	7 150	5 501	3 913	7 941
Total woodland----- farms, 1987--	45	366	317	429	191	172	215	219
1982--	51	373	327	481	225	166	261	234
acres, 1987--	1 801	23 000	14 520	19 481	6 785	6 363	6 741	19 299
1982--	2 124	23 848	13 557	22 360	9 862	6 535	8 091	17 339
Woodland pastured ----- farms, 1987--	16	207	164	230	84	69	91	136
1982--	25	245	178	276	128	75	140	163
acres, 1987--	1 046	14 893	6 898	9 362	3 430	2 959	3 230	10 998
1982--	1 808	17 733	7 127	11 980	5 813	2 366	5 281	11 616
Woodland not pastured ----- farms, 1987--	30	210	194	268	134	115	141	128
1982--	28	174	190	286	123	115	150	103
acres, 1987--	755	8 107	7 622	10 099	3 355	3 404	3 511	8 301
1982--	316	6 115	6 430	10 380	4 049	4 169	2 810	5 723
Other land ----- farms, 1987--	983	906	986	936	873	505	746	620
1982--	1 144	1 000	1 058	1 018	1 001	545	836	703
acres, 1987--	28 662	58 042	36 422	36 541	29 329	20 371	16 047	37 116
1982--	37 173	70 267	41 292	47 159	31 823	27 986	21 769	45 399
Pastureland and rangeland other than cropland and woodland pastured ----- farms, 1987--	222	408	335	338	258	101	138	191
1982--	283	455	293	349	248	115	154	207
acres, 1987--	11 283	38 213	15 437	17 557	12 932	4 466	3 222	22 227
1982--	14 559	48 931	15 703	23 646	11 971	7 055	4 431	23 259
Land in house lots, ponds, roads, wasteland, etc.----- farms, 1987--	955	835	936	879	833	484	724	579
1982--	1 102	922	1 028	978	975	530	821	657
acres, 1987--	17 379	19 829	20 985	18 984	16 397	15 905	12 825	14 889
1982--	22 614	21 336	25 589	23 513	19 852	20 931	17 358	22 140
Pastureland, all types ----- farms, 1987--	576	793	684	752	527	322	369	391
1982--	695	870	777	845	652	393	461	472
acres, 1987--	31 156	96 563	44 602	59 436	30 752	20 129	14 584	51 708
1982--	35 472	114 685	50 838	71 173	35 721	24 289	18 323	56 252
Cropland diverted under annual commodity acreage adjustment programs----- farms, 1987--	871	548	750	557	705	439	662	614
1982--	150	256	226	195	354	160	252	238
acres, 1987--	(D)	22 644	31 867	23 249	43 373	29 439	37 549	45 189
1982--	2 385	3 721	4 136	3 364	7 595	4 137	4 406	5 941
Cropland placed under the conservation reserve program----- farms, 1987--	48	97	116	111	136	31	110	67
acres, 1987--	(D)	7 511	9 067	10 897	14 535	3 384	6 387	8 293

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed ----- farms, 1987 ..	11	13	19	12	4	37	11	5
1982 ..	103	71	40	28	10	127	50	6
acres, 1987 ..	468	(D)	(D)	(D)	(D)	673	81	(D)
1982 ..	4 618	1 797	(D)	971	210	2 748	1 199	(D)
Cropland in cultivated summer fallow ----- farms, 1987 ..	8	1	4	2	4	15	11	15
1982 ..	3	6	2	5	4	10	4	8
acres, 1987 ..	368	(D)	(D)	(D)	455	284	772	(D)
1982 ..	57	109	(D)	392	295	142	67	(D)
Cropland idle----- farms, 1987 ..	180	238	309	671	415	311	597	859
1982 ..	103	184	102	185	170	228	261	207
acres, 1987 ..	11 172	16 079	18 033	37 139	(D)	16 087	46 822	51 782
1982 ..	2 982	4 483	2 752	3 853	5 445	5 573	6 644	4 740
Total woodland----- farms, 1987 ..	354	121	260	73	31	236	73	121
1982 ..	351	163	267	72	35	221	89	137
acres, 1987 ..	25 184	3 973	15 874	2 735	648	8 019	2 771	5 864
1982 ..	24 723	4 902	17 454	2 091	867	6 995	2 256	5 237
Woodland pastured ----- farms, 1987 ..	232	62	162	25	11	123	18	58
1982 ..	265	88	194	36	19	125	33	80
acres, 1987 ..	15 850	1 781	10 358	1 143	465	4 032	465	3 885
1982 ..	16 903	3 093	12 137	1 368	533	4 215	1 000	3 684
Woodland not pastured ----- farms, 1987 ..	178	72	137	56	21	137	63	77
1982 ..	141	92	135	43	19	124	59	69
acres, 1987 ..	9 334	2 192	5 516	1 592	183	3 987	2 306	1 979
1982 ..	7 820	1 809	5 317	723	334	2 780	1 256	1 553
Other land ----- farms, 1987 ..	608	566	714	970	568	867	715	1 400
1982 ..	615	674	781	1 116	713	884	786	1 566
acres, 1987 ..	52 874	26 185	18 131	27 919	14 179	44 987	19 747	50 235
1982 ..	49 276	28 762	23 784	32 604	17 990	44 584	24 916	61 999
Pastureland and rangeland other than cropland and woodland pastured ----- farms, 1987 ..	289	166	180	210	100	273	119	341
1982 ..	285	182	208	226	123	283	111	369
acres, 1987 ..	42 334	10 692	7 497	9 982	2 857	19 662	5 230	23 491
1982 ..	36 521	8 934	11 244	11 940	3 889	17 996	5 734	27 979
Land in house lots, ponds, roads, wasteland, etc. ----- farms, 1987 ..	547	542	678	941	558	843	693	1 334
1982 ..	570	649	758	1 072	695	852	774	1 517
acres, 1987 ..	10 540	15 493	10 634	17 937	11 322	25 325	14 517	26 744
1982 ..	12 755	19 828	12 540	20 664	14 101	26 588	19 182	34 020
Pastureland, all types ----- farms, 1987 ..	608	426	475	416	239	713	270	874
1982 ..	642	493	557	478	332	771	334	1 011
acres, 1987 ..	106 919	36 136	32 223	21 162	7 616	68 481	13 141	56 723
1982 ..	104 806	41 335	38 270	22 727	11 155	68 405	14 295	65 204
Cropland diverted under annual commodity acreage adjustment programs----- farms, 1987 ..	302	498	562	934	569	663	761	1 222
1982 ..	134	226	120	191	196	297	277	173
acres, 1987 ..	(D)	27 477	29 595	48 084	28 246	30 606	47 052	59 690
1982 ..	1 738	4 181	1 937	2 902	3 079	4 562	5 484	2 950
Cropland placed under the conservation reserve program----- farms, 1987 ..	90	61	40	29	34	85	125	98
acres, 1987 ..	(D)	5 615	1 458	885	1 876	6 769	8 240	10 821

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed..... farms, 1987..	21	19	31	14	14	11	20	21
1982..	43	43	58	39	98	55	22	16
acres, 1987..	1 494	176	726	196	456	194	397	(D)
1982..	442	1 768	1 005	1 068	4 786	886	545	(D)
Cropland in cultivated summer fallow ..... farms, 1987..	6	3	18	5	4	6	6	9
1982..	3	4	8	4	5	11	5	1
acres, 1987..	320	195	1 574	216	425	237	244	(D)
1982..	42	58	240	230	373	494	226	(D)
Cropland idle..... farms, 1987..	596	360	620	340	223	553	355	541
1982..	241	176	349	151	139	167	95	285
acres, 1987..	39 866	24 073	44 107	21 105	16 775	35 882	19 840	34 169
1982..	4 789	4 551	11 252	3 106	3 365	3 999	2 013	6 369
Total woodland..... farms, 1987..	45	208	313	191	214	67	165	107
1982..	76	250	314	221	210	90	175	144
acres, 1987..	1 875	6 465	11 829	6 459	12 335	3 168	6 312	2 419
1982..	1 284	8 145	8 631	7 472	10 620	2 482	5 834	4 920
Woodland pastured ..... farms, 1987..	21	85	179	110	126	35	88	72
1982..	23	114	174	125	140	58	95	92
acres, 1987..	1 136	2 425	5 870	3 989	7 470	1 848	3 344	1 542
1982..	380	2 834	4 265	4 328	6 543	1 765	3 210	4 190
Woodland not pastured ..... farms, 1987..	29	148	189	94	107	35	93	49
1982..	80	158	178	127	116	41	99	56
acres, 1987..	739	4 040	5 959	2 470	4 865	1 320	2 968	877
1982..	904	5 311	4 366	3 144	4 077	717	2 624	730
Other land ..... farms, 1987..	774	786	1 292	861	590	827	766	935
1982..	892	899	1 517	986	669	959	885	1 067
acres, 1987..	16 993	18 290	43 941	33 395	47 649	34 563	13 779	26 507
1982..	26 728	25 635	55 272	43 599	57 351	33 002	19 306	30 887
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1987..	79	168	280	252	191	173	179	159
1982..	90	249	274	293	235	233	208	152
acres, 1987..	2 449	5 426	12 685	14 956	28 305	17 600	4 565	7 041
1982..	4 743	10 366	11 395	18 980	35 441	11 726	6 583	6 245
Land in house lots, ponds, roads, wasteland, etc. .... farms, 1987..	756	757	1 238	812	546	808	743	907
1982..	878	865	1 470	959	628	935	853	1 038
acres, 1987..	14 544	12 864	31 256	18 439	19 344	16 963	9 214	19 466
1982..	21 985	15 269	43 877	24 619	21 910	21 276	12 723	24 642
Pastureland, all types ..... farms, 1987..	215	420	880	682	552	410	488	607
1982..	291	526	1 008	803	642	563	563	713
acres, 1987..	8 491	17 635	52 235	59 509	106 177	31 578	17 913	30 300
1982..	10 360	22 517	55 673	66 574	118 430	28 361	18 448	37 236
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	832	526	1 063	721	379	805	632	876
1982..	257	225	401	281	205	215	73	348
acres, 1987..	48 577	29 511	65 157	34 359	13 320	44 613	32 273	49 303
1982..	3 762	3 650	8 475	4 832	2 981	4 227	1 340	5 351
Cropland placed under the conservation reserve program..... farms, 1987..	45	33	54	115	145	49	14	58
acres, 1987..	2 319	1 199	4 621	9 697	20 626	2 832	846	4 407

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed..... farms, 1987..	22	6	16	33	26	28	11	41
1982..	22	35	91	115	40	63	77	97
acres, 1987..	319	(D)	408	735	(D)	394	108	924
1982..	125	(D)	2 798	2 931	(D)	2 166	(D)	3 231
Cropland in cultivated summer fallow..... farms, 1987..	9	6	7	9	1	9	6	10
1982..	3	1	13	11	6	13	3	11
acres, 1987..	473	(D)	423	449	(D)	548	82	227
1982..	57	(D)	326	322	(D)	367	(D)	458
Cropland idle..... farms, 1987..	932	541	510	233	225	202	210	317
1982..	247	272	284	203	124	143	144	195
acres, 1987..	53 484	36 647	35 983	19 102	17 017	13 235	10 399	16 160
1982..	6 166	6 287	7 504	6 376	2 993	3 676	3 554	6 310
Total woodland..... farms, 1987..	64	182	346	223	166	442	397	500
1982..	81	206	365	226	185	484	447	475
acres, 1987..	1 923	6 387	16 660	10 263	8 744	38 263	16 526	21 612
1982..	1 782	8 001	16 448	10 558	9 218	43 781	23 032	22 174
Woodland pastured..... farms, 1987..	29	94	200	138	106	291	219	307
1982..	24	125	236	143	116	313	255	269
acres, 1987..	1 181	3 472	9 104	6 145	6 287	24 725	7 793	11 790
1982..	933	5 721	11 521	6 258	5 939	26 925	13 145	13 763
Woodland not pastured..... farms, 1987..	40	103	194	118	90	234	239	273
1982..	61	96	171	119	101	261	265	291
acres, 1987..	742	2 915	7 556	4 118	2 457	13 538	8 733	9 822
1982..	849	2 280	4 927	4 300	3 279	16 856	9 887	8 411
Other land..... farms, 1987..	1 583	892	1 102	658	559	659	748	1 073
1982..	1 741	989	1 259	780	660	712	799	1 170
acres, 1987..	31 724	18 202	32 930	51 456	47 752	40 950	32 780	46 959
1982..	38 803	22 652	48 105	51 394	49 943	44 587	28 725	57 983
Pastureland and rangeland other than cropland and woodland pastured..... farms, 1987..	235	173	276	265	229	277	296	380
1982..	272	168	334	291	247	287	271	435
acres, 1987..	8 593	5 602	12 943	29 785	35 431	26 481	18 542	26 567
1982..	9 386	5 594	22 912	27 773	34 970	27 218	14 835	32 869
Land in house lots, ponds, roads, wasteland, etc..... farms, 1987..	1 532	869	1 060	614	516	619	704	1 011
1982..	1 690	969	1 209	735	620	675	778	1 141
acres, 1987..	23 131	12 600	19 987	21 671	12 321	14 469	14 218	20 392
1982..	29 417	17 058	25 193	23 621	14 973	17 369	13 890	25 114
Pastureland, all types..... farms, 1987..	635	410	767	606	526	576	623	953
1982..	733	470	903	697	588	654	671	1 006
acres, 1987..	23 968	16 662	50 806	82 711	86 590	80 010	50 318	84 777
1982..	25 294	20 027	64 989	86 108	88 951	93 807	58 310	92 280
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	1 275	773	927	443	358	424	383	574
1982..	220	319	379	252	170	179	161	232
acres, 1987..	59 559	45 231	50 995	19 073	13 025	14 521	16 099	23 590
1982..	3 627	5 577	6 853	4 780	2 449	2 669	2 768	4 073
Cropland placed under the conservation reserve program..... farms, 1987..	49	53	107	151	101	114	65	76
acres, 1987..	5 310	2 422	8 901	21 865	13 818	11 631	5 214	4 698

See footnotes at end of table.

**Table 5. Farms, Land in Farms, and Land Use: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>LAND IN FARMS ACCORDING TO USE—Con.</b>								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed..... farms, 1987..	22	9	23	8	18	8	7	8
..... farms, 1982..	40	101	43	50	47	18	38	51
..... acres, 1987..	495	139	1 285	99	397	126	282	514
..... acres, 1982..	2 015	5 081	572	413	1 009	389	353	870
Cropland in cultivated summer fallow..... farms, 1987..	14	8	5	14	26	10	7	13
..... farms, 1982..	9	12	5	33	6	10	13	3
..... acres, 1987..	836	343	183	513	1 092	1 152	114	729
..... acres, 1982..	81	496	147	708	573	438	199	22
Cropland idle..... farms, 1987..	408	235	712	380	424	607	320	522
..... farms, 1982..	166	181	291	268	199	318	242	211
..... acres, 1987..	27 531	19 076	47 002	26 478	24 482	56 668	26 733	41 785
..... acres, 1982..	4 568	5 761	8 005	5 878	4 289	9 688	6 667	5 107
Total woodland..... farms, 1987..	371	202	187	121	800	209	120	94
..... farms, 1982..	406	257	211	132	832	259	148	113
..... acres, 1987..	16 025	10 426	13 583	2 662	37 755	8 424	1 964	3 014
..... acres, 1982..	19 209	14 923	13 731	1 654	40 494	10 771	2 717	4 206
Woodland pastured..... farms, 1987..	169	129	95	64	499	96	64	36
..... farms, 1982..	242	153	130	82	576	143	76	68
..... acres, 1987..	6 812	6 648	7 573	1 352	21 748	5 246	973	1 284
..... acres, 1982..	10 713	9 124	7 240	928	26 404	6 930	1 614	2 871
Woodland not pastured..... farms, 1987..	261	100	113	78	500	131	68	67
..... farms, 1982..	242	140	121	84	466	136	89	63
..... acres, 1987..	9 213	3 778	6 010	1 310	16 007	3 178	991	1 730
..... acres, 1982..	8 496	5 799	6 491	726	14 090	3 841	1 103	1 335
Other land..... farms, 1987..	918	614	901	579	1 361	1 068	538	673
..... farms, 1982..	1 015	689	956	720	1 443	1 283	656	838
..... acres, 1987..	26 813	52 981	18 867	15 207	38 569	44 010	14 138	17 842
..... acres, 1982..	35 342	51 164	25 672	19 855	49 705	52 959	18 170	25 044
Pastureland and rangeland other than cropland and woodland pastured..... farms, 1987..	241	243	104	98	486	279	89	82
..... farms, 1982..	260	251	111	119	507	294	120	98
..... acres, 1987..	11 076	36 282	4 302	3 107	19 614	18 508	3 092	3 002
..... acres, 1982..	14 301	32 032	6 241	3 620	22 308	20 861	3 627	3 387
Land in house lots, ponds, roads, wasteland, etc..... farms, 1987..	878	562	882	565	1 268	1 012	521	660
..... farms, 1982..	965	652	927	708	1 387	1 240	643	832
..... acres, 1987..	15 737	16 699	14 565	12 100	18 955	25 502	11 046	14 840
..... acres, 1982..	21 041	19 132	19 431	16 235	27 397	32 098	14 543	21 657
Pastureland, all types..... farms, 1987..	647	590	313	216	1 198	730	246	213
..... farms, 1982..	742	616	397	277	1 323	926	302	279
..... acres, 1987..	42 072	106 355	17 889	7 622	78 342	59 619	10 129	8 935
..... acres, 1982..	50 561	97 557	19 565	8 822	88 712	68 470	10 281	10 221
Cropland diverted under annual commodity acreage adjustment programs..... farms, 1987..	751	417	943	578	854	834	503	733
..... farms, 1982..	217	176	274	301	254	355	288	219
..... acres, 1987..	40 074	16 593	55 010	34 102	29 579	59 384	32 161	48 514
..... acres, 1982..	4 888	3 416	4 817	5 778	3 795	8 402	5 793	4 107
Cropland placed under the conservation reserve program..... farms, 1987..	64	168	35	104	188	145	118	50
..... farms, 1982..	4 845	22 687	2 073	7 680	15 776	22 359	7 798	3 468

<sup>1</sup>Data are based on a sample of farms, see text.

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>Farms</b> ..... number, 1987...	92 878	859	587	928	761	721	1 276
..... 1982...	103 644	963	662	1 021	794	820	1 434
..... acres harvested, 1987...	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
..... 1982...	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
1987 size of farm:							
1 to 9 acres ..... farms...	1 373	5	8	7	7	14	18
..... acres harvested...	4 938	11	23	19	21	60	53
10 to 49 acres ..... farms...	7 873	48	28	38	69	35	94
..... acres harvested...	126 800	807	403	608	1 073	532	1 881
50 to 69 acres ..... farms...	2 463	19	11	17	32	11	34
..... acres harvested...	84 171	762	188	578	836	320	1 172
70 to 99 acres ..... farms...	6 397	53	35	37	82	42	84
..... acres harvested...	324 340	2 183	1 648	1 569	2 848	2 203	4 387
100 to 139 acres ..... farms...	6 699	58	35	76	72	54	74
..... acres harvested...	479 587	3 713	2 007	4 400	3 275	4 034	5 610
140 to 179 acres ..... farms...	10 135	95	42	88	68	78	145
..... acres harvested...	1 044 568	8 591	3 249	7 864	4 004	7 501	16 342
180 to 219 acres ..... farms...	6 344	50	40	85	79	50	103
..... acres harvested...	794 890	5 941	3 379	8 887	5 325	6 278	14 012
220 to 259 acres ..... farms...	6 979	64	39	81	51	49	111
..... acres harvested...	1 091 180	8 283	5 545	11 462	4 188	7 080	19 798
260 to 499 acres ..... farms...	25 092	241	171	319	152	239	355
..... acres harvested...	6 045 183	48 920	30 601	53 661	22 457	59 429	92 726
500 to 999 acres ..... farms...	15 812	173	146	113	117	120	215
..... acres harvested...	7 115 018	67 568	48 239	32 774	34 105	54 783	105 251
1,000 to 1,999 acres ..... farms...	3 391	43	30	35	29	24	41
..... acres harvested...	2 862 824	31 686	(D)	(D)	14 950	22 578	(D)
2,000 acres or more ..... farms...	320	10	2	2	3	5	2
..... acres harvested...	510 679	18 475	(D)	(D)	1 377	7 833	(D)
1982 size of farm:							
1 to 9 acres ..... farms...	1 648	4	3	5	3	8	21
..... acres harvested...	6 146	6	18	15	15	24	61
10 to 49 acres ..... farms...	9 119	49	33	38	98	52	123
..... acres harvested...	161 481	1 034	461	525	1 818	724	2 246
50 to 69 acres ..... farms...	2 768	22	10	24	35	18	29
..... acres harvested...	106 811	851	340	906	859	676	1 144
70 to 99 acres ..... farms...	7 124	59	29	49	80	49	72
..... acres harvested...	413 979	3 294	1 338	2 526	3 127	2 665	4 326
100 to 139 acres ..... farms...	7 577	55	51	66	62	61	89
..... acres harvested...	634 220	3 590	3 492	4 698	3 104	5 258	7 589
140 to 179 acres ..... farms...	11 724	110	58	108	67	109	170
..... acres harvested...	1 407 441	11 667	5 279	9 900	4 208	12 983	21 840
180 to 219 acres ..... farms...	7 649	65	50	78	78	54	103
..... acres harvested...	1 112 869	8 206	5 514	11 470	5 943	8 269	15 931
220 to 259 acres ..... farms...	8 699	84	44	100	58	62	159
..... acres harvested...	1 567 561	12 951	6 124	12 679	5 869	11 133	30 986
260 to 499 acres ..... farms...	29 429	287	199	342	170	272	430
..... acres harvested...	8 122 130	67 146	41 309	62 684	27 784	75 225	127 526
500 to 999 acres ..... farms...	14 807	186	164	146	120	110	204
..... acres harvested...	7 359 062	78 102	65 176	44 908	34 030	56 073	107 208
1,000 to 1,999 acres ..... farms...	2 792	39	19	35	21	21	33
..... acres harvested...	2 643 971	27 702	(D)	(D)	(D)	23 797	(D)
2,000 acres or more ..... farms...	308	3	2	2	2	4	1
..... acres harvested...	601 999	2 758	(D)	(D)	(D)	10 800	(D)
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
1987 acres harvested:							
1 to 9 acres ..... farms...	4 624	20	30	41	45	33	42
..... acres...	23 646	99	132	189	279	183	205
10 to 19 acres ..... farms...	4 100	32	12	32	64	21	50
..... acres...	56 036	450	153	426	858	273	678
20 to 29 acres ..... farms...	3 360	33	31	29	67	19	38
..... acres...	79 443	765	733	679	1 532	456	945
30 to 49 acres ..... farms...	5 464	55	47	78	110	37	72
..... acres...	210 066	2 165	1 761	3 047	4 212	1 509	2 756
50 to 99 acres ..... farms...	13 956	138	94	196	180	114	160
..... acres...	1 016 312	10 289	6 867	14 650	12 257	8 451	11 892
100 to 199 acres ..... farms...	23 454	229	147	320	150	171	338
..... acres...	3 385 193	32 450	21 456	45 712	21 186	24 595	49 944
200 to 499 acres ..... farms...	29 005	264	187	205	120	254	435
..... acres...	9 062 600	78 298	57 361	57 204	37 590	79 893	136 131
500 to 999 acres ..... farms...	7 723	72	34	26	24	56	126
..... acres...	5 066 459	46 739	21 820	(D)	(D)	36 040	80 930
1,000 acres or more ..... farms...	1 192	16	5	1	1	16	15
..... acres...	1 584 423	25 685	5 309	(D)	(D)	21 211	17 834
1982 acres harvested:							
1 to 9 acres ..... farms...	4 687	17	22	28	26	36	57
..... acres...	23 846	73	130	143	173	195	245
10 to 19 acres ..... farms...	4 111	30	17	23	78	19	46
..... acres...	55 469	448	242	319	984	253	639
20 to 29 acres ..... farms...	2 987	17	23	25	61	19	34
..... acres...	70 384	409	580	574	1 398	445	811
30 to 49 acres ..... farms...	5 407	49	32	56	115	29	65
..... acres...	205 758	1 968	1 197	2 250	4 379	1 116	2 383
50 to 99 acres ..... farms...	13 768	137	105	201	185	105	138
..... acres...	1 005 760	9 916	7 834	14 784	13 018	7 994	10 217
100 to 199 acres ..... farms...	26 637	289	174	396	172	215	387
..... acres...	3 874 095	41 962	25 259	55 930	24 273	30 716	54 461
200 to 499 acres ..... farms...	35 830	343	242	260	141	315	585
..... acres...	11 120 278	105 389	76 011	75 698	42 363	96 482	181 574
500 to 999 acres ..... farms...	8 729	72	45	30	17	65	123
..... acres...	5 706 842	46 558	(D)	(D)	(D)	42 988	79 479
1,000 acres or more ..... farms...	1 488	9	2	2	1	17	19
..... acres...	2 075 238	10 584	(D)	(D)	(D)	27 438	22 745

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>Farms</b> .....	<b>number, 1987</b> ..	1 125	938	985	1 198	996	1 115	927
	<b>1982</b> ..	1 210	1 049	1 156	1 273	1 099	1 290	1 082
	<b>acres harvested, 1987</b> ..	223 324	245 517	168 763	236 312	264 594	229 095	263 491
	<b>1982</b> ..	257 275	275 122	201 291	275 747	309 121	273 765	306 918
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
1987 size of farm:								
1 to 9 acres	farms	49	18	26	15	9	22	8
	acres harvested	174	69	86	64	31	87	38
10 to 49 acres	farms	165	94	124	118	42	100	60
	acres harvested	2 953	1 580	1 936	2 173	616	1 685	1 080
50 to 69 acres	farms	39	24	38	38	11	10	16
	acres harvested	1 597	772	1 311	1 250	429	292	575
70 to 99 acres	farms	121	76	79	116	64	70	64
	acres harvested	6 750	3 921	4 309	5 999	3 772	3 807	3 781
100 to 139 acres	farms	74	77	129	159	47	90	46
	acres harvested	5 927	5 786	10 572	12 481	4 126	7 434	3 970
140 to 179 acres	farms	137	76	130	165	136	150	94
	acres harvested	15 713	8 681	14 855	17 810	15 771	16 558	11 110
180 to 219 acres	farms	69	59	80	72	45	80	50
	acres harvested	10 053	8 042	11 427	9 947	6 652	11 462	7 339
220 to 259 acres	farms	56	52	78	69	85	120	63
	acres harvested	9 604	8 224	13 194	11 716	14 997	19 639	11 268
260 to 499 acres	farms	230	234	205	248	323	295	287
	acres harvested	60 993	63 057	53 330	65 266	90 265	75 773	81 887
500 to 999 acres	farms	151	179	78	163	204	155	204
	acres harvested	74 520	92 930	39 115	77 467	97 764	70 792	103 972
1,000 to 1,999 acres	farms	33	45	18	34	28	23	32
	acres harvested	(D)	45 167	18 628	(D)	(D)	21 566	33 449
2,000 acres or more	farms	1	4	-	1	2	-	3
	acres harvested	(D)	7 288	-	(D)	(D)	-	5 042
1982 size of farm:								
1 to 9 acres	farms	47	29	35	17	13	26	23
	acres harvested	178	102	122	80	45	103	89
10 to 49 acres	farms	178	105	132	133	57	142	87
	acres harvested	3 409	1 741	2 387	2 438	1 144	2 473	1 751
50 to 69 acres	farms	52	27	39	52	9	36	19
	acres harvested	2 551	1 154	1 586	2 241	344	1 635	854
70 to 99 acres	farms	133	69	138	101	60	80	62
	acres harvested	8 794	4 299	9 245	6 138	4 036	5 154	4 449
100 to 139 acres	farms	99	81	148	145	52	111	71
	acres harvested	9 549	7 366	13 445	13 118	5 136	10 578	7 108
140 to 179 acres	farms	140	104	144	177	159	175	100
	acres harvested	18 331	13 229	17 893	21 840	21 697	22 698	13 653
180 to 219 acres	farms	76	83	113	101	52	92	64
	acres harvested	12 911	12 961	17 396	16 166	8 824	14 376	11 041
220 to 259 acres	farms	79	53	84	91	114	148	80
	acres harvested	15 525	10 725	16 859	18 078	24 260	28 929	16 774
260 to 499 acres	farms	244	292	238	307	382	355	370
	acres harvested	74 245	92 104	68 688	93 705	121 395	104 607	120 353
500 to 999 acres	farms	135	171	74	118	180	104	178
	acres harvested	76 281	92 675	40 284	65 883	99 638	56 782	99 780
1,000 to 1,999 acres	farms	22	32	9	28	20	19	27
	acres harvested	24 316	32 291	(D)	29 929	(D)	(D)	(D)
2,000 acres or more	farms	5	3	2	3	1	2	1
	acres harvested	11 185	6 475	(D)	6 131	(D)	(D)	(D)
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>								
1987 acres harvested:								
1 to 9 acres	farms	91	50	71	46	32	64	37
	acres	431	228	358	260	154	342	211
10 to 19 acres	farms	60	56	63	48	10	36	14
	acres	778	765	844	671	132	499	217
20 to 29 acres	farms	50	27	35	47	7	27	15
	acres	1 166	640	850	1 146	170	615	359
30 to 49 acres	farms	90	53	56	81	29	40	31
	acres	3 457	2 037	2 159	3 212	1 163	1 631	1 174
50 to 99 acres	farms	177	131	183	267	119	164	101
	acres	12 560	9 566	13 697	19 698	8 801	12 433	7 111
100 to 199 acres	farms	269	191	294	297	251	360	209
	acres	37 988	27 563	41 984	41 222	36 537	52 411	29 815
200 to 499 acres	farms	289	284	227	321	449	351	383
	acres	92 528	92 339	67 427	103 462	144 916	108 977	123 993
500 to 999 acres	farms	85	121	48	78	90	66	117
	acres	55 616	78 592	31 279	50 955	59 492	43 736	75 060
1,000 acres or more	farms	14	25	8	13	9	7	20
	acres	18 800	33 787	10 165	15 686	13 229	8 451	25 551
1982 acres harvested:								
1 to 9 acres	farms	90	70	70	55	30	79	44
	acres	427	336	334	300	149	414	218
10 to 19 acres	farms	62	41	58	48	20	47	32
	acres	835	520	782	652	268	602	425
20 to 29 acres	farms	38	24	30	46	13	21	13
	acres	865	577	707	1 072	299	476	311
30 to 49 acres	farms	87	49	63	61	21	58	33
	acres	3 259	1 836	2 461	2 380	779	2 210	1 202
50 to 99 acres	farms	195	121	243	220	92	156	104
	acres	13 951	9 104	18 111	15 943	6 820	11 347	7 726
100 to 199 acres	farms	288	223	340	345	251	383	214
	acres	41 298	32 395	47 455	49 100	36 316	54 793	30 985
200 to 499 acres	farms	330	382	295	399	547	459	488
	acres	102 765	125 894	88 802	125 992	175 753	135 586	158 102
500 to 999 acres	farms	99	119	49	75	115	70	137
	acres	63 385	77 468	31 453	49 392	74 688	45 226	86 739
1,000 acres or more	farms	21	20	8	24	10	17	17
	acres	30 490	26 992	11 186	30 916	14 049	23 111	21 210

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>Farms..... number, 1987</b>	<b>1 164</b>	<b>634</b>	<b>1 012</b>	<b>847</b>	<b>979</b>	<b>953</b>	<b>586</b>
..... <b>1982</b>	<b>1 248</b>	<b>964</b>	<b>1 172</b>	<b>945</b>	<b>1 095</b>	<b>1 051</b>	<b>677</b>
<b>acres harvested, 1987</b>	<b>270 392</b>	<b>213 323</b>	<b>230 081</b>	<b>233 423</b>	<b>230 141</b>	<b>187 589</b>	<b>93 996</b>
..... <b>1982</b>	<b>300 937</b>	<b>246 427</b>	<b>261 855</b>	<b>261 033</b>	<b>262 179</b>	<b>232 837</b>	<b>114 076</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
1987 size of farm:							
1 to 9 acres..... farms.....	10	10	22	21	9	17	4
..... acres harvested.....	44	26	84	102	31	82	11
10 to 49 acres..... farms.....	86	45	60	103	74	77	38
..... acres harvested.....	1 207	765	980	1 428	1 377	1 341	679
50 to 69 acres..... farms.....	17	11	19	18	10	33	14
..... acres harvested.....	747	411	628	686	398	1 027	527
70 to 99 acres..... farms.....	53	58	65	51	58	87	40
..... acres harvested.....	3 094	3 146	3 422	2 972	3 365	4 798	1 513
100 to 139 acres..... farms.....	97	48	61	35	49	86	43
..... acres harvested.....	8 631	3 114	5 029	2 913	3 815	5 793	1 801
140 to 179 acres..... farms.....	148	86	128	71	96	108	61
..... acres harvested.....	17 615	8 607	15 157	8 185	10 902	11 358	4 305
180 to 219 acres..... farms.....	87	55	72	37	66	78	37
..... acres harvested.....	12 580	6 214	9 928	5 469	9 533	9 967	3 017
220 to 259 acres..... farms.....	125	72	68	55	75	70	42
..... acres harvested.....	22 651	10 543	11 328	9 559	13 184	10 835	5 117
260 to 499 acres..... farms.....	362	221	310	226	341	257	158
..... acres harvested.....	96 557	53 075	79 693	59 853	88 692	61 029	23 321
500 to 999 acres..... farms.....	174	176	179	186	170	118	116
..... acres harvested.....	83 657	80 052	80 467	93 266	75 538	57 993	31 595
1,000 to 1,999 acres..... farms.....	25	47	27	39	31	20	29
..... acres harvested.....	23 609	39 381	(D)	38 121	23 306	(D)	16 026
2,000 acres or more..... farms.....	-	5	1	5	-	2	4
..... acres harvested.....	-	7 989	(D)	10 869	-	(D)	6 084
1982 size of farm:							
1 to 9 acres..... farms.....	12	12	17	18	16	26	8
..... acres harvested.....	29	26	81	64	51	99	33
10 to 49 acres..... farms.....	56	64	94	113	77	105	58
..... acres harvested.....	1 090	1 131	1 885	1 933	1 485	1 967	983
50 to 69 acres..... farms.....	23	24	26	20	12	34	16
..... acres harvested.....	1 087	1 049	1 081	811	471	1 442	473
70 to 99 acres..... farms.....	60	54	76	56	62	82	48
..... acres harvested.....	4 097	2 722	4 887	3 785	3 753	4 970	2 010
100 to 139 acres..... farms.....	97	60	96	52	63	106	61
..... acres harvested.....	9 402	4 575	9 229	5 329	5 759	9 362	3 465
140 to 179 acres..... farms.....	191	89	160	84	129	130	75
..... acres harvested.....	25 499	9 735	21 468	11 657	17 317	15 925	6 170
180 to 219 acres..... farms.....	125	68	100	62	94	93	37
..... acres harvested.....	20 548	9 299	16 567	10 505	14 510	13 998	4 054
220 to 259 acres..... farms.....	138	102	97	80	90	78	51
..... acres harvested.....	27 546	16 818	19 078	16 619	17 358	15 108	5 447
260 to 499 acres..... farms.....	392	272	333	269	383	266	173
..... acres harvested.....	116 585	72 770	99 742	86 151	110 422	75 212	30 633
500 to 999 acres..... farms.....	134	181	141	141	151	98	125
..... acres harvested.....	69 644	87 786	74 412	80 978	75 724	53 780	40 415
1,000 to 1,999 acres..... farms.....	19	32	32	42	18	30	22
..... acres harvested.....	(D)	29 634	33 425	46 176	15 329	33 007	14 858
2,000 acres or more..... farms.....	1	6	-	8	-	3	3
..... acres harvested.....	(D)	10 882	-	17 025	-	7 967	5 535
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
1987 acres harvested:							
1 to 9 acres..... farms.....	27	24	46	69	31	50	19
..... acres.....	148	109	215	373	141	280	106
10 to 19 acres..... farms.....	29	30	30	37	23	39	37
..... acres.....	387	412	417	508	316	556	515
20 to 29 acres..... farms.....	14	21	24	19	23	37	32
..... acres.....	330	538	566	457	533	850	742
30 to 49 acres..... farms.....	32	37	36	34	40	64	66
..... acres.....	1 224	1 509	1 366	1 320	1 575	2 507	2 451
50 to 99 acres..... farms.....	143	128	134	72	112	166	127
..... acres.....	10 790	9 665	10 218	5 255	8 172	12 088	9 062
100 to 199 acres..... farms.....	371	207	283	190	252	276	154
..... acres.....	54 366	29 939	41 472	28 310	38 026	40 227	23 167
200 to 499 acres..... farms.....	454	271	373	298	418	249	127
..... acres.....	138 023	84 578	116 775	95 817	129 102	76 373	38 423
500 to 999 acres..... farms.....	84	100	81	106	77	65	21
..... acres.....	53 479	66 370	52 962	71 380	48 715	44 330	13 325
1,000 acres or more..... farms.....	10	16	5	22	3	7	3
..... acres.....	11 625	20 203	6 090	30 003	3 561	10 378	6 205
1982 acres harvested:							
1 to 9 acres..... farms.....	31	34	42	65	40	56	26
..... acres.....	141	150	224	349	166	272	119
10 to 19 acres..... farms.....	12	35	27	33	24	40	42
..... acres.....	147	443	348	437	321	578	572
20 to 29 acres..... farms.....	14	18	38	15	19	27	26
..... acres.....	322	439	906	359	447	637	611
30 to 49 acres..... farms.....	35	38	41	41	40	58	73
..... acres.....	1 316	1 478	1 588	1 565	1 497	2 250	2 724
50 to 99 acres..... farms.....	122	123	125	74	100	157	150
..... acres.....	9 199	8 923	9 096	5 401	7 361	11 157	10 939
100 to 199 acres..... farms.....	418	254	354	197	309	306	164
..... acres.....	60 971	36 881	51 838	29 247	45 961	43 973	24 002
200 to 499 acres..... farms.....	525	348	433	375	470	323	162
..... acres.....	159 983	109 466	134 178	120 351	145 129	98 093	48 147
500 to 999 acres..... farms.....	79	93	98	111	88	60	28
..... acres.....	50 926	60 140	65 708	73 617	55 876	42 627	17 207
1,000 acres or more..... farms.....	12	21	14	34	5	24	6
..... acres.....	17 932	28 507	18 169	49 707	5 421	33 250	9 755

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>Farms</b> ..... number, 1987..	795	1 508	1 256	1 128	947	795	581
..... 1982..	957	1 563	1 394	1 349	1 079	847	667
..... acres harvested, 1987..	229 226	240 158	258 502	264 366	223 550	107 597	97 184
..... 1982..	289 853	284 630	321 273	311 178	272 553	136 324	131 493
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>							
1987 size of farm:							
1 to 9 acres .....	14	17	20	14	24	6	4
..... farms..	48	59	74	43	107	16	23
..... acres harvested..	48	91	116	82	149	72	33
10 to 49 acres .....	835	1 586	1 806	1 472	2 148	1 145	543
..... farms..	5	43	28	21	36	29	13
..... acres harvested..	232	1 510	1 116	778	1 086	811	366
70 to 99 acres .....	47	93	89	64	89	83	46
..... farms..	2 603	4 548	5 262	3 255	4 311	2 745	1 556
..... acres harvested..	35	130	108	58	66	80	41
100 to 139 acres .....	3 036	8 806	8 726	4 694	4 120	3 967	1 462
..... farms..	89	182	140	126	75	84	54
..... acres harvested..	9 732	16 091	14 699	13 122	7 414	5 095	3 294
180 to 219 acres .....	41	167	111	76	52	65	42
..... farms..	5 506	18 178	15 100	9 901	6 447	4 896	2 716
..... acres harvested..	46	141	93	104	54	54	33
220 to 259 acres .....	8 033	19 205	15 692	16 751	8 153	5 128	2 386
..... farms..	243	424	337	329	183	168	141
..... acres harvested..	64 067	81 164	82 209	80 913	45 145	24 860	19 998
500 to 999 acres .....	192	193	185	209	160	118	121
..... farms..	98 498	70 092	87 230	91 997	78 120	32 265	31 780
..... acres harvested..	33	24	29	42	51	28	38
1,000 to 1,999 acres .....	(D)	16 090	26 588	37 025	49 245	17 380	(D)
..... farms..	2	3	-	3	8	8	15
..... acres harvested..	(D)	2 829	-	4 415	17 254	9 289	(D)
1982 size of farm:							
1 to 9 acres .....	13	10	26	15	20	5	6
..... farms..	39	51	96	53	87	22	28
..... acres harvested..	66	93	133	99	170	65	44
10 to 49 acres .....	1 236	1 602	2 621	1 922	2 953	1 128	677
..... farms..	12	39	31	41	38	32	13
..... acres harvested..	663	1 392	1 215	1 635	1 451	857	312
70 to 99 acres .....	55	109	86	82	95	78	52
..... farms..	3 747	5 496	5 595	4 849	5 531	3 168	2 039
..... acres harvested..	50	137	138	80	73	117	45
100 to 139 acres .....	5 080	9 913	13 184	7 212	5 798	7 043	2 171
..... farms..	105	194	154	137	83	81	64
..... acres harvested..	13 664	19 041	19 894	15 977	10 668	5 248	4 673
180 to 219 acres .....	48	201	128	108	54	59	35
..... farms..	7 495	23 814	20 012	15 946	7 475	5 150	3 104
..... acres harvested..	79	137	111	133	73	65	45
220 to 259 acres .....	15 552	18 594	21 711	23 323	13 581	6 456	4 690
..... farms..	305	442	386	423	250	173	189
..... acres harvested..	92 881	95 857	113 071	111 481	74 203	30 402	33 020
500 to 999 acres .....	187	170	165	198	175	129	119
..... farms..	109 540	65 132	87 502	97 403	91 998	43 802	36 858
..... acres harvested..	36	30	36	31	42	39	41
1,000 to 1,999 acres .....	(D)	(D)	36 372	(D)	45 720	28 641	26 906
..... farms..	1	1	-	2	6	4	14
..... acres harvested..	(D)	(D)	-	(D)	13 088	4 407	17 015
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>							
1987 acres harvested:							
1 to 9 acres .....	30	52	56	45	86	43	25
..... farms..	139	266	272	230	469	234	151
..... acres..	18	68	55	35	88	65	48
10 to 19 acres .....	242	975	746	480	1 181	837	600
..... farms..	16	64	32	32	58	63	54
..... acres..	391	1 515	803	744	1 314	1 453	1 246
30 to 49 acres .....	21	106	56	54	60	101	57
..... farms..	830	4 015	2 121	2 179	2 277	3 800	2 149
..... acres..	95	331	218	153	130	210	125
50 to 99 acres .....	6 814	24 481	15 730	11 770	9 265	14 609	8 814
..... farms..	177	473	356	303	156	169	113
..... acres..	25 580	67 507	50 988	44 664	22 311	23 845	15 939
200 to 499 acres .....	311	360	384	397	239	109	121
..... farms..	101 312	103 495	118 581	124 317	74 221	33 685	36 655
..... acres..	110	47	88	95	102	27	28
500 to 999 acres .....	71 737	29 478	56 765	62 167	68 059	18 148	17 723
..... farms..	17	7	11	14	30	8	10
..... acres..	22 181	8 426	12 496	17 815	44 453	10 986	13 907
1982 acres harvested:							
1 to 9 acres .....	30	34	58	51	84	29	28
..... farms..	127	186	280	278	470	166	148
..... acres..	22	61	47	32	73	57	49
10 to 19 acres .....	301	826	618	472	996	775	656
..... farms..	22	52	40	34	42	53	30
..... acres..	521	1 241	908	806	997	1 252	686
30 to 49 acres .....	20	107	61	59	76	101	56
..... farms..	771	4 133	2 262	2 272	2 949	3 810	2 071
..... acres..	90	320	172	172	134	219	115
50 to 99 acres .....	6 649	23 540	12 813	12 911	9 776	15 378	8 203
..... farms..	219	532	415	377	187	183	171
..... acres..	32 294	75 010	60 698	55 740	27 245	26 245	23 942
200 to 499 acres .....	387	397	472	498	336	151	166
..... farms..	122 845	116 069	149 238	150 408	108 008	45 884	50 296
..... acres..	149	53	109	114	119	45	40
500 to 999 acres .....	102 300	35 289	71 131	72 557	80 350	30 888	26 337
..... farms..	18	7	20	12	28	9	12
..... acres..	24 045	8 336	23 325	15 734	41 762	11 926	19 154

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms.....	number, 1987..	1 315	688	534	1 469	553	1 353	888	900
	1982..	1 368	719	598	1 549	665	1 493	1 001	1 065
	acres harvested, 1987..	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
	1982..	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres .....	farms..	14	23	6	23	9	21	21	13
	acres harvested..	59	89	15	84	29	76	87	56
10 to 49 acres .....	farms..	68	77	44	119	32	84	92	41
	acres harvested..	1 124	1 140	524	2 027	(D)	1 418	1 603	733
50 to 69 acres .....	farms..	29	32	9	54	11	31	28	16
	acres harvested..	953	985	254	1 994	478	1 114	943	626
70 to 99 acres .....	farms..	81	59	49	82	22	100	67	48
	acres harvested..	4 584	2 709	2 767	4 500	1 145	5 896	3 782	2 756
100 to 139 acres .....	farms..	126	64	19	164	14	117	60	53
	acres harvested..	10 233	4 197	1 515	12 277	1 076	8 999	4 645	4 491
140 to 179 acres .....	farms..	233	67	45	271	44	170	84	87
	acres harvested..	26 924	5 954	5 302	28 745	5 031	17 916	8 896	9 915
180 to 219 acres .....	farms..	148	46	13	215	24	123	52	51
	acres harvested..	20 814	5 265	1 744	29 304	3 052	15 328	7 553	7 431
220 to 259 acres .....	farms..	131	42	32	124	32	115	67	77
	acres harvested..	22 358	6 004	5 520	19 439	5 653	18 191	12 046	13 422
260 to 499 acres .....	farms..	338	160	164	321	194	389	221	285
	acres harvested..	82 128	36 944	43 767	68 329	52 384	95 783	59 001	74 523
500 to 999 acres .....	farms..	125	89	119	86	145	154	161	188
	acres harvested..	55 218	41 275	59 529	31 567	71 104	70 591	80 689	96 339
1,000 to 1,999 acres .....	farms..	22	24	34	9	24	46	31	37
	acres harvested..	18 501	19 169	30 385	(D)	(D)	38 947	29 112	32 412
2,000 acres or more .....	farms..	-	5	-	1	2	3	4	4
	acres harvested..	-	9 426	-	(D)	(D)	4 900	7 008	8 915
1982 size of farm:									
1 to 9 acres .....	farms..	20	17	9	19	9	20	22	19
	acres harvested..	76	74	34	70	29	82	87	70
10 to 49 acres .....	farms..	75	91	40	145	39	131	120	64
	acres harvested..	1 415	1 295	678	2 301	618	2 426	2 336	1 308
50 to 69 acres .....	farms..	31	31	13	50	18	35	40	22
	acres harvested..	1 377	979	575	1 943	743	1 528	1 540	933
70 to 99 acres .....	farms..	87	60	30	104	25	111	70	59
	acres harvested..	5 099	2 999	1 789	5 800	1 543	6 996	4 598	4 027
100 to 139 acres .....	farms..	122	64	27	151	25	131	75	51
	acres harvested..	11 057	5 127	2 604	12 698	2 671	10 984	7 165	4 975
140 to 179 acres .....	farms..	252	67	66	277	76	180	103	109
	acres harvested..	32 841	7 805	9 097	31 183	10 351	20 450	13 412	15 140
180 to 219 acres .....	farms..	153	63	24	241	28	147	61	80
	acres harvested..	23 835	8 690	3 764	33 583	4 811	21 455	10 222	13 491
220 to 259 acres .....	farms..	154	44	41	144	36	117	75	98
	acres harvested..	28 349	7 364	8 043	23 820	7 455	21 639	14 752	20 311
260 to 499 acres .....	farms..	333	174	197	326	249	402	262	370
	acres harvested..	92 406	45 747	62 383	73 702	81 712	110 407	82 158	113 045
500 to 999 acres .....	farms..	126	84	120	84	146	175	142	159
	acres harvested..	64 281	43 273	66 608	31 335	81 662	87 841	79 425	89 107
1,000 to 1,999 acres .....	farms..	15	20	30	7	11	41	29	28
	acres harvested..	14 338	17 472	(D)	(D)	10 775	40 417	(D)	31 654
2,000 acres or more .....	farms..	-	4	1	1	3	3	2	6
	acres harvested..	-	20 057	(D)	(D)	5 414	6 168	(D)	15 199
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres .....	farms..	36	63	28	70	24	54	51	28
	acres..	203	318	131	335	101	242	249	145
10 to 19 acres .....	farms..	39	46	16	54	15	43	37	17
	acres..	533	635	212	784	166	582	522	244
20 to 29 acres .....	farms..	35	32	20	56	8	42	37	17
	acres..	822	756	458	1 366	209	984	899	399
30 to 49 acres .....	farms..	49	47	23	91	19	56	45	19
	acres..	1 878	1 798	888	3 536	768	2 179	1 756	753
50 to 99 acres .....	farms..	213	129	50	297	34	254	123	99
	acres..	15 725	9 272	3 742	22 071	2 394	19 000	8 781	7 320
100 to 199 acres .....	farms..	512	153	99	609	108	410	186	226
	acres..	73 961	22 173	14 630	86 718	15 500	59 348	27 005	33 115
200 to 499 acres .....	farms..	370	157	212	271	257	388	300	355
	acres..	107 068	49 553	68 764	75 869	83 452	117 736	94 131	108 921
500 to 999 acres .....	farms..	58	53	73	18	77	95	95	127
	acres..	39 343	35 691	47 282	11 431	49 053	64 866	63 337	81 827
1,000 acres or more .....	farms..	3	8	13	3	11	14	14	12
	acres..	3 363	12 961	15 215	4 250	14 320	14 222	18 685	18 895
1982 acres harvested:									
1 to 9 acres .....	farms..	34	56	20	66	22	56	59	40
	acres..	178	311	108	346	93	255	323	181
10 to 19 acres .....	farms..	38	50	20	69	15	50	39	17
	acres..	486	664	279	924	180	711	572	235
20 to 29 acres .....	farms..	34	32	11	50	13	46	31	13
	acres..	828	749	253	1 162	316	1 100	714	317
30 to 49 acres .....	farms..	60	45	12	93	18	83	60	33
	acres..	2 260	1 686	410	3 514	684	3 183	2 250	1 232
50 to 99 acres .....	farms..	171	102	49	293	37	222	120	98
	acres..	12 866	7 505	3 471	21 935	2 726	16 490	8 916	7 278
100 to 199 acres .....	farms..	528	176	122	632	128	437	223	235
	acres..	77 014	25 810	17 910	89 762	18 806	62 931	33 098	35 591
200 to 499 acres .....	farms..	422	189	255	325	322	466	349	487
	acres..	126 193	58 268	83 850	90 650	107 021	143 844	113 311	149 706
500 to 999 acres .....	farms..	77	60	89	17	102	107	99	120
	acres..	49 813	39 239	56 535	10 400	66 133	68 789	65 086	78 079
1,000 acres or more .....	farms..	4	9	20	4	8	26	21	22
	acres..	5 436	26 650	23 967	4 882	11 825	33 090	29 321	36 641

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>Farms</b> .....	<b>number, 1987..</b>	<b>636</b>	<b>850</b>	<b>929</b>	<b>830</b>	<b>935</b>	<b>975</b>	<b>944</b>	<b>925</b>
	<b>1982..</b>	<b>706</b>	<b>956</b>	<b>1 012</b>	<b>984</b>	<b>1 059</b>	<b>1 103</b>	<b>1 071</b>	<b>1 093</b>
	<b>acres harvested, 1987..</b>	<b>203 010</b>	<b>258 005</b>	<b>243 481</b>	<b>176 254</b>	<b>262 514</b>	<b>259 372</b>	<b>243 566</b>	<b>253 868</b>
	<b>1982..</b>	<b>221 709</b>	<b>298 927</b>	<b>280 478</b>	<b>212 433</b>	<b>312 961</b>	<b>309 687</b>	<b>295 747</b>	<b>298 908</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres .....	farms..	5	11	19	5	19	6	22	15
	acres harvested..	22	26	71	17	55	17	67	69
10 to 49 acres .....	farms..	47	58	59	73	56	49	70	70
	acres harvested..	893	1 291	866	1 153	931	811	1 218	1 152
50 to 69 acres .....	farms..	10	22	15	28	18	10	16	23
	acres harvested..	330	695	609	750	687	417	529	828
70 to 99 acres .....	farms..	48	33	53	45	60	50	55	40
	acres harvested..	2 423	1 804	3 239	1 904	3 594	2 998	3 152	1 741
100 to 139 acres .....	farms..	34	28	52	66	54	40	59	67
	acres harvested..	2 042	2 528	4 721	4 598	4 507	3 305	5 249	4 710
140 to 179 acres .....	farms..	55	82	150	85	86	149	85	76
	acres harvested..	5 383	9 600	18 262	7 999	10 100	17 466	9 499	6 792
180 to 219 acres .....	farms..	30	48	50	54	63	46	73	48
	acres harvested..	3 955	7 116	7 485	6 135	9 207	6 201	10 523	5 744
220 to 259 acres .....	farms..	28	45	106	47	65	75	71	54
	acres harvested..	4 397	7 848	19 602	5 583	11 476	13 059	12 411	8 110
260 to 499 acres .....	farms..	146	251	238	214	286	325	265	251
	acres harvested..	35 297	68 872	65 492	44 594	78 671	88 223	72 740	62 368
500 to 999 acres .....	farms..	162	210	146	171	190	199	192	219
	acres harvested..	76 187	106 345	75 917	69 533	99 558	101 985	94 417	101 508
1,000 to 1,999 acres .....	farms..	65	47	36	36	34	26	34	54
	acres harvested..	60 204	42 900	33 474	25 332	34 006	24 890	(D)	45 840
2,000 acres or more .....	farms..	6	5	5	6	4	-	2	8
	acres harvested..	11 877	8 980	13 743	8 656	9 722	-	(D)	15 006
1982 size of farm:									
1 to 9 acres .....	farms..	9	16	24	13	22	19	31	11
	acres harvested..	33	48	101	49	86	72	112	42
10 to 49 acres .....	farms..	47	59	64	99	67	50	74	94
	acres harvested..	710	1 038	1 201	1 610	1 262	1 122	1 386	1 644
50 to 69 acres .....	farms..	13	16	16	23	11	11	27	26
	acres harvested..	426	607	831	885	535	554	1 126	913
70 to 99 acres .....	farms..	49	52	69	77	73	60	69	50
	acres harvested..	2 676	3 407	4 794	4 274	5 031	4 390	4 557	2 509
100 to 139 acres .....	farms..	34	34	61	75	68	46	58	71
	acres harvested..	2 795	3 511	5 968	5 905	7 391	4 717	5 798	5 180
140 to 179 acres .....	farms..	55	92	173	93	96	179	117	85
	acres harvested..	6 446	12 262	23 844	10 295	13 462	25 550	15 667	8 857
180 to 219 acres .....	farms..	37	70	77	60	80	76	76	77
	acres harvested..	5 480	11 921	13 645	7 600	13 974	12 757	12 883	10 945
220 to 259 acres .....	farms..	45	60	125	72	95	123	105	83
	acres harvested..	7 498	11 721	26 074	10 670	19 617	25 895	20 779	13 649
260 to 499 acres .....	farms..	188	322	250	286	334	358	321	318
	acres harvested..	50 986	98 123	77 896	69 016	105 065	113 788	98 780	86 170
500 to 999 acres .....	farms..	178	198	119	153	179	156	151	227
	acres harvested..	87 164	113 838	70 557	69 582	103 415	91 883	82 319	115 238
1,000 to 1,999 acres .....	farms..	46	34	27	31	32	22	35	46
	acres harvested..	44 638	34 767	31 822	(D)	(D)	22 813	39 721	45 833
2,000 acres or more .....	farms..	5	3	7	2	2	3	7	5
	acres harvested..	12 857	7 684	23 745	(D)	(D)	6 146	12 639	7 928
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres .....	farms..	19	41	47	42	40	24	42	45
	acres..	95	197	244	228	188	125	183	253
10 to 19 acres .....	farms..	31	20	18	41	21	21	29	46
	acres..	424	276	227	556	277	289	403	647
20 to 29 acres .....	farms..	23	17	13	43	21	11	20	24
	acres..	559	410	323	1 022	478	273	471	548
30 to 49 acres .....	farms..	25	32	20	54	26	24	34	44
	acres..	983	1 189	812	1 941	974	919	1 288	1 674
50 to 99 acres .....	farms..	79	55	107	137	109	96	109	117
	acres..	5 627	3 852	7 692	10 074	8 052	7 150	8 037	8 499
100 to 199 acres .....	farms..	130	193	286	197	224	257	242	185
	acres..	18 753	(D)	41 660	27 399	32 853	35 923	35 404	26 904
200 to 499 acres .....	farms..	197	329	330	233	362	417	354	330
	acres..	65 616	(D)	102 327	73 611	117 247	129 338	115 858	108 733
500 to 999 acres .....	farms..	106	144	93	74	115	118	102	109
	acres..	72 300	93 318	64 310	48 747	76 322	76 388	67 133	70 816
1,000 acres or more .....	farms..	26	19	15	9	17	7	12	25
	acres..	38 653	24 798	25 886	12 676	26 123	8 967	14 789	35 794
1982 acres harvested:									
1 to 9 acres .....	farms..	21	39	50	51	40	31	46	45
	acres..	111	198	273	256	164	148	188	280
10 to 19 acres .....	farms..	30	19	15	36	26	11	38	46
	acres..	377	268	182	501	339	153	491	575
20 to 29 acres .....	farms..	21	16	10	44	12	13	19	38
	acres..	462	356	241	1 037	289	310	478	925
30 to 49 acres .....	farms..	20	25	27	52	30	22	36	48
	acres..	735	955	1 034	1 919	1 129	834	1 404	1 773
50 to 99 acres .....	farms..	71	73	107	158	89	83	100	115
	acres..	5 182	5 398	7 955	11 485	6 766	6 118	7 272	8 016
100 to 199 acres .....	farms..	155	205	304	249	254	307	261	239
	acres..	22 383	31 060	45 047	35 588	37 781	45 886	38 266	34 931
200 to 499 acres .....	farms..	257	401	378	304	438	491	432	399
	acres..	84 705	128 670	113 488	92 971	137 852	150 622	134 622	127 311
500 to 999 acres .....	farms..	107	159	93	77	143	130	107	135
	acres..	72 076	104 800	61 940	49 732	91 817	85 991	68 439	88 229
1,000 acres or more .....	farms..	24	19	28	13	27	15	32	28
	acres..	35 678	27 222	50 318	18 944	36 824	19 625	44 587	36 868

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Henry	Howard	Humboldt	Iowa	Jackson	Jasper	Jefferson	
<b>Farms</b> .....	<b>number, 1987</b> .....	<b>771</b>	<b>856</b>	<b>706</b>	<b>687</b>	<b>947</b>	<b>1 160</b>	<b>1 240</b>	<b>685</b>
	<b>1982</b> .....	<b>867</b>	<b>959</b>	<b>793</b>	<b>772</b>	<b>1 036</b>	<b>1 238</b>	<b>1 403</b>	<b>782</b>
	<b>acres harvested, 1987</b> .....	<b>138 782</b>	<b>178 288</b>	<b>214 089</b>	<b>176 524</b>	<b>203 549</b>	<b>164 703</b>	<b>276 515</b>	<b>139 236</b>
	<b>1982</b> .....	<b>170 664</b>	<b>217 734</b>	<b>244 570</b>	<b>201 685</b>	<b>236 744</b>	<b>193 184</b>	<b>324 626</b>	<b>159 843</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres	farms.....	10	8	9	5	6	13	24	9
	acres harvested.....	27	20	29	23	14	53	92	26
10 to 49 acres	farms.....	74	76	31	37	72	102	147	58
	acres harvested.....	921	1 072	558	573	1 182	1 469	2 115	815
50 to 69 acres	farms.....	45	13	7	8	24	42	33	26
	acres harvested.....	1 376	532	363	361	816	1 159	1 096	868
70 to 99 acres	farms.....	70	62	34	38	63	64	75	53
	acres harvested.....	2 976	3 041	2 014	1 895	3 106	2 807	3 411	2 352
100 to 139 acres	farms.....	63	52	28	30	80	96	78	80
	acres harvested.....	4 005	3 812	2 569	2 772	5 846	5 750	5 646	4 495
140 to 179 acres	farms.....	73	126	84	79	86	137	123	65
	acres harvested.....	6 974	13 529	10 154	8 717	8 570	10 372	11 755	4 902
180 to 219 acres	farms.....	43	68	39	43	83	116	74	42
	acres harvested.....	4 853	8 367	5 761	6 024	9 147	12 050	9 827	4 460
220 to 259 acres	farms.....	53	84	54	61	96	91	65	38
	acres harvested.....	7 283	13 225	9 589	10 312	14 024	11 574	10 597	4 960
260 to 499 acres	farms.....	205	220	242	215	258	314	345	168
	acres harvested.....	44 394	50 025	71 362	53 614	55 966	54 573	84 970	35 447
500 to 999 acres	farms.....	115	114	150	141	147	163	224	116
	acres harvested.....	50 058	53 199	80 149	66 565	63 477	52 548	102 663	52 544
1,000 to 1,999 acres	farms.....	20	31	25	29	26	20	51	27
	acres harvested.....	15 925	(D)	24 516	(D)	20 953	(D)	(D)	24 299
2,000 acres or more	farms.....	-	2	3	1	6	2	1	3
	acres harvested.....	-	(D)	7 005	(D)	20 448	(D)	(D)	4 068
1982 size of farm:									
1 to 9 acres	farms.....	14	17	11	8	7	18	27	14
	acres harvested.....	52	54	32	27	24	63	112	59
10 to 49 acres	farms.....	98	70	38	35	92	104	165	68
	acres harvested.....	1 506	1 355	680	512	1 674	1 877	2 791	1 199
50 to 69 acres	farms.....	43	18	7	7	29	42	39	29
	acres harvested.....	1 515	815	409	279	1 196	1 257	1 322	824
70 to 99 acres	farms.....	84	69	59	38	65	69	91	58
	acres harvested.....	4 205	4 206	4 085	2 604	3 583	3 548	5 303	2 957
100 to 139 acres	farms.....	58	75	37	44	90	112	95	82
	acres harvested.....	4 687	6 383	3 850	4 236	7 318	7 226	7 439	5 419
140 to 179 acres	farms.....	74	161	102	88	109	151	122	76
	acres harvested.....	7 984	19 281	14 589	12 388	11 287	14 285	14 005	6 809
180 to 219 acres	farms.....	62	72	43	46	79	123	96	58
	acres harvested.....	9 211	11 014	7 611	7 013	10 672	14 988	13 203	7 331
220 to 259 acres	farms.....	68	98	56	69	94	107	93	60
	acres harvested.....	11 409	17 600	11 860	13 057	15 448	15 127	16 167	8 539
260 to 499 acres	farms.....	247	252	274	280	284	344	404	190
	acres harvested.....	64 653	69 381	88 466	81 893	71 280	68 487	113 263	45 552
500 to 999 acres	farms.....	101	97	142	137	151	151	225	119
	acres harvested.....	48 596	53 311	82 755	70 268	70 235	56 252	107 381	56 279
1,000 to 1,999 acres	farms.....	18	27	21	10	32	16	41	26
	acres harvested.....	16 846	27 136	23 828	9 408	29 005	(D)	35 640	(D)
2,000 acres or more	farms.....	-	3	3	-	4	1	5	2
	acres harvested.....	-	7 198	6 405	-	15 022	(D)	8 000	(D)
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres	farms.....	54	42	21	20	31	69	99	38
	acres.....	289	210	95	102	142	364	512	161
10 to 19 acres	farms.....	62	38	6	11	45	64	59	41
	acres.....	861	501	78	158	630	891	813	583
20 to 29 acres	farms.....	31	21	12	15	35	59	56	41
	acres.....	763	497	284	353	794	1 357	1 342	955
30 to 49 acres	farms.....	50	51	15	28	64	93	53	60
	acres.....	1 845	2 027	559	1 093	2 501	3 635	2 016	2 274
50 to 99 acres	farms.....	145	131	61	81	151	249	166	135
	acres.....	10 409	9 484	4 541	4 468	11 252	18 173	12 095	9 497
100 to 199 acres	farms.....	171	265	171	194	282	355	261	131
	acres.....	24 930	38 070	24 684	27 768	40 348	50 672	38 092	18 682
200 to 499 acres	farms.....	200	233	309	276	269	238	420	171
	acres.....	59 815	69 816	99 608	85 410	82 045	69 342	132 234	54 882
500 to 999 acres	farms.....	55	65	98	75	58	32	115	56
	acres.....	35 526	44 139	64 672	49 369	37 897	(D)	76 685	37 292
1,000 acres or more	farms.....	3	10	13	7	12	1	11	12
	acres.....	4 354	13 544	19 548	7 803	27 940	(D)	12 726	14 910
1982 acres harvested:									
1 to 9 acres	farms.....	63	35	29	26	38	58	84	40
	acres.....	366	165	137	124	192	304	444	217
10 to 19 acres	farms.....	43	23	10	12	40	52	68	42
	acres.....	585	303	139	160	534	724	926	580
20 to 29 acres	farms.....	45	23	5	8	34	42	50	31
	acres.....	1 035	537	117	207	788	992	1 179	731
30 to 49 acres	farms.....	49	40	12	15	56	101	70	64
	acres.....	1 779	1 524	496	604	2 107	3 965	2 674	2 387
50 to 99 acres	farms.....	128	150	78	87	159	255	179	131
	acres.....	9 290	11 213	5 842	5 088	11 847	19 025	13 131	9 106
100 to 199 acres	farms.....	206	302	177	206	290	399	302	182
	acres.....	30 030	43 440	26 821	30 388	42 056	57 653	44 185	26 302
200 to 499 acres	farms.....	270	295	355	351	327	290	514	216
	acres.....	83 455	87 000	115 628	109 117	99 382	84 895	162 503	66 181
500 to 999 acres	farms.....	56	77	109	83	77	40	123	66
	acres.....	35 156	52 907	70 457	50 933	50 106	(D)	81 148	42 869
1,000 acres or more	farms.....	7	14	18	4	15	1	13	10
	acres.....	8 968	20 645	25 133	5 064	29 732	(D)	18 436	11 470

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>Farms</b> ..... number, 1987..	1 178	1 023	892	1 601	882	1 502	571	568
..... number, 1982..	1 329	1 176	1 065	1 760	939	1 614	630	656
..... acres harvested, 1987..	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
..... acres harvested, 1982..	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
1987 size of farm:								
1 to 9 acres .....	farms... 22	6	10	17	9	45	7	4
..... acres harvested...	71	18	60	47	37	154	(D)	19
10 to 49 acres .....	farms... 149	103	66	52	110	264	55	52
..... acres harvested...	2 162	1 396	1 261	1 049	1 568	4 373	997	809
50 to 69 acres .....	farms... 39	24	28	28	35	82	14	26
..... acres harvested...	1 271	796	881	1 094	837	2 650	484	526
70 to 99 acres .....	farms... 133	69	42	58	73	167	39	45
..... acres harvested...	6 803	3 594	1 853	3 502	2 857	8 445	1 851	1 317
100 to 139 acres .....	farms... 149	83	83	59	70	168	41	37
..... acres harvested...	11 396	5 814	5 312	5 192	3 736	12 365	2 872	1 686
140 to 179 acres .....	farms... 105	113	51	217	106	161	39	52
..... acres harvested...	10 094	11 529	4 912	26 451	8 518	16 887	3 901	3 040
180 to 219 acres .....	farms... 89	82	51	85	69	105	41	46
..... acres harvested...	11 151	10 908	5 907	12 749	6 240	13 885	4 737	3 817
220 to 259 acres .....	farms... 77	91	75	148	50	81	56	48
..... acres harvested...	12 497	12 646	9 561	26 367	6 735	13 140	9 160	4 033
260 to 499 acres .....	farms... 253	258	261	581	208	235	151	145
..... acres harvested...	60 760	56 938	55 101	163 637	41 764	60 009	37 605	19 709
500 to 999 acres .....	farms... 131	166	173	287	115	159	100	82
..... acres harvested...	56 453	69 349	72 711	145 898	47 844	76 506	45 349	22 945
1,000 to 1,999 acres .....	farms... 30	25	47	65	35	32	27	27
..... acres harvested...	(D)	19 729	36 193	65 248	(D)	28 074	(D)	15 545
2,000 acres or more .....	farms... 1	3	5	4	2	3	1	4
..... acres harvested...	(D)	2 265	4 703	7 813	(D)	6 191	(D)	4 267
1982 size of farm:								
1 to 9 acres .....	farms... 29	17	11	15	17	39	11	3
..... acres harvested...	108	50	54	42	76	140	43	5
10 to 49 acres .....	farms... 169	116	88	67	111	308	65	71
..... acres harvested...	2 719	1 874	1 918	1 482	1 737	5 469	1 278	1 073
50 to 69 acres .....	farms... 45	41	35	23	42	84	19	35
..... acres harvested...	1 656	1 303	1 278	1 013	1 556	3 515	740	1 123
70 to 99 acres .....	farms... 128	61	74	71	78	184	48	52
..... acres harvested...	6 615	3 407	4 151	4 865	3 282	10 743	2 787	2 132
100 to 139 acres .....	farms... 172	102	86	69	82	166	44	53
..... acres harvested...	14 264	8 177	6 589	7 176	5 924	13 562	3 954	3 129
140 to 179 acres .....	farms... 130	128	89	263	111	179	44	50
..... acres harvested...	15 127	14 009	9 013	37 052	10 727	21 946	5 253	3 212
180 to 219 acres .....	farms... 105	121	78	124	69	99	48	60
..... acres harvested...	14 439	16 970	10 073	22 395	8 252	14 641	6 891	5 027
220 to 259 acres .....	farms... 98	101	104	198	59	88	54	51
..... acres harvested...	17 457	16 948	17 216	41 186	8 635	16 166	9 477	4 493
260 to 499 acres .....	farms... 303	326	293	619	242	295	155	160
..... acres harvested...	78 806	86 696	71 134	195 131	53 051	84 213	42 330	25 922
500 to 999 acres .....	farms... 124	138	172	247	96	145	121	93
..... acres harvested...	60 556	65 065	76 163	141 996	44 678	80 048	60 487	31 044
1,000 to 1,999 acres .....	farms... 23	24	30	52	31	23	19	25
..... acres harvested...	19 918	(D)	23 544	59 510	(D)	24 793	(D)	14 151
2,000 acres or more .....	farms... 3	1	5	12	1	4	2	3
..... acres harvested...	6 237	(D)	8 776	25 691	(D)	10 961	(D)	3 306
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>								
1987 acres harvested:								
1 to 9 acres .....	farms... 92	52	34	32	67	149	24	38
..... acres...	406	278	219	129	349	791	129	222
10 to 19 acres .....	farms... 71	56	36	16	70	107	26	54
..... acres...	998	770	486	245	958	1 489	351	743
20 to 29 acres .....	farms... 58	36	42	22	71	110	16	39
..... acres...	1 372	871	1 013	502	1 715	2 633	366	888
30 to 49 acres .....	farms... 75	47	55	32	78	142	48	62
..... acres...	2 907	1 796	2 073	1 254	2 996	5 460	1 853	2 408
50 to 99 acres .....	farms... 252	183	127	137	156	282	70	132
..... acres...	18 336	13 659	9 069	10 000	11 068	20 635	4 936	9 170
100 to 199 acres .....	farms... 284	289	218	435	187	330	140	124
..... acres...	40 554	41 198	30 691	63 902	26 758	46 487	20 570	(D)
200 to 499 acres .....	farms... 283	283	297	719	189	275	184	94
..... acres...	87 185	84 638	92 763	226 012	59 135	86 542	57 624	28 781
500 to 999 acres .....	farms... 52	71	73	172	57	95	56	24
..... acres...	34 551	44 902	48 620	112 032	38 528	62 530	35 971	(D)
1,000 acres or more .....	farms... 11	6	10	36	7	12	7	1
..... acres...	12 662	6 870	13 521	44 971	8 427	16 112	9 005	(D)
1982 acres harvested:								
1 to 9 acres .....	farms... 88	63	36	30	66	131	31	34
..... acres...	405	322	214	111	361	626	158	177
10 to 19 acres .....	farms... 80	58	39	24	67	126	19	61
..... acres...	1 080	807	553	303	875	1 692	258	845
20 to 29 acres .....	farms... 56	49	39	12	37	98	24	51
..... acres...	1 300	1 144	921	296	862	2 298	571	1 186
30 to 49 acres .....	farms... 93	58	78	43	90	131	39	51
..... acres...	3 560	2 317	2 995	1 645	3 490	4 947	1 528	1 940
50 to 99 acres .....	farms... 235	164	148	109	164	317	78	164
..... acres...	17 282	12 272	10 672	8 334	12 017	23 329	5 609	11 821
100 to 199 acres .....	farms... 348	304	282	462	247	353	141	142
..... acres...	48 890	43 106	40 358	69 855	34 684	51 041	20 485	19 840
200 to 499 acres .....	farms... 346	397	356	837	201	343	221	123
..... acres...	103 383	118 342	108 743	258 976	62 685	109 332	69 518	38 171
500 to 999 acres .....	farms... 75	79	75	199	56	97	67	26
..... acres...	50 225	50 650	48 167	130 973	38 384	64 974	43 145	15 861
1,000 acres or more .....	farms... 8	4	12	44	11	18	10	4
..... acres...	11 777	4 187	17 286	67 046	14 142	27 958	13 573	4 776

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>Farms</b> ..... <b>number, 1987</b> .....	<b>1 078</b>	<b>904</b>	<b>1 052</b>	<b>972</b>	<b>929</b>	<b>577</b>	<b>818</b>	<b>783</b>
..... <b>1982</b> .....	<b>1 239</b>	<b>993</b>	<b>1 122</b>	<b>1 069</b>	<b>1 060</b>	<b>623</b>	<b>913</b>	<b>859</b>
<b>acres harvested, 1987</b> .....	<b>249 352</b>	<b>137 088</b>	<b>211 100</b>	<b>154 503</b>	<b>217 817</b>	<b>169 179</b>	<b>192 403</b>	<b>242 081</b>
..... <b>1982</b> .....	<b>294 295</b>	<b>162 609</b>	<b>237 089</b>	<b>170 985</b>	<b>265 098</b>	<b>194 842</b>	<b>226 560</b>	<b>282 767</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
1987 size of farm:								
1 to 9 acres..... farms.....	10	10	16	22	18	7	11	4
..... acres harvested.....	39	35	67	70	51	16	39	26
10 to 49 acres..... farms.....	56	111	88	137	92	68	62	46
..... acres harvested.....	1 071	1 503	1 503	2 031	1 459	905	1 023	800
50 to 69 acres..... farms.....	15	51	45	47	30	20	19	21
..... acres harvested.....	620	1 340	1 547	1 414	929	775	647	814
70 to 99 acres..... farms.....	56	95	66	83	59	26	47	48
..... acres harvested.....	3 489	3 555	3 372	3 496	3 056	1 353	2 540	2 333
100 to 139 acres..... farms.....	34	87	93	89	64	41	54	51
..... acres harvested.....	2 972	4 867	6 993	5 047	4 827	2 956	4 033	3 581
140 to 179 acres..... farms.....	187	84	96	104	87	39	85	64
..... acres harvested.....	21 366	5 059	9 376	8 367	8 848	3 739	8 920	6 409
180 to 219 acres..... farms.....	65	40	80	63	50	26	55	37
..... acres harvested.....	9 747	3 906	10 585	6 059	6 002	3 310	7 360	4 709
220 to 259 acres..... farms.....	105	57	79	48	77	36	78	54
..... acres harvested.....	19 300	7 021	11 180	5 757	11 209	5 834	12 812	8 278
260 to 499 acres..... farms.....	375	192	299	223	219	131	248	188
..... acres harvested.....	97 951	34 231	72 160	46 753	51 261	33 068	64 519	44 784
500 to 999 acres..... farms.....	151	133	183	128	187	138	134	177
..... acres harvested.....	71 734	48 777	68 778	50 530	88 474	68 301	64 761	80 772
1,000 to 1,999 acres..... farms.....	24	39	25	27	44	38	23	79
..... acres harvested.....	21 063	22 076	(D)	(D)	(D)	35 013	(D)	67 351
2,000 acres or more..... farms.....	-	5	2	1	2	7	2	14
..... acres harvested.....	-	4 611	(D)	(D)	(D)	13 889	(D)	22 224
1982 size of farm:								
1 to 9 acres..... farms.....	17	13	10	25	28	14	18	11
..... acres harvested.....	66	48	27	103	91	46	64	51
10 to 49 acres..... farms.....	64	128	97	144	115	78	78	38
..... acres harvested.....	1 420	2 137	1 717	2 272	1 955	1 311	1 477	864
50 to 69 acres..... farms.....	17	47	37	40	42	13	10	22
..... acres harvested.....	732	1 299	1 422	1 319	1 685	447	391	1 165
70 to 99 acres..... farms.....	87	102	67	101	73	37	51	50
..... acres harvested.....	6 283	4 458	3 588	4 845	4 573	1 768	3 363	2 627
100 to 139 acres..... farms.....	40	86	91	108	54	37	69	58
..... acres harvested.....	3 720	5 605	7 555	6 937	4 974	3 073	6 079	4 861
140 to 179 acres..... farms.....	245	72	127	91	110	46	105	74
..... acres harvested.....	33 489	5 995	14 369	8 385	13 432	5 162	13 677	7 968
180 to 219 acres..... farms.....	76	59	80	63	77	25	60	47
..... acres harvested.....	12 633	6 843	11 863	7 191	12 051	3 842	9 492	6 091
220 to 259 acres..... farms.....	125	62	86	66	82	39	99	55
..... acres harvested.....	26 157	8 610	13 693	10 403	14 511	7 333	20 027	10 655
260 to 499 acres..... farms.....	419	243	356	282	283	154	293	229
..... acres harvested.....	125 234	46 138	92 781	62 997	82 538	43 860	87 786	62 863
500 to 999 acres..... farms.....	134	149	149	128	157	131	111	204
..... acres harvested.....	68 551	54 131	68 287	51 491	84 437	72 022	63 757	106 174
1,000 to 1,999 acres..... farms.....	13	33	19	21	35	46	17	61
..... acres harvested.....	(D)	21 910	15 637	15 042	36 060	48 764	(D)	63 586
2,000 acres or more..... farms.....	2	5	3	-	4	3	2	10
..... acres harvested.....	(D)	5 435	6 150	-	8 791	7 214	(D)	15 862
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>								
1987 acres harvested:								
1 to 9 acres..... farms.....	23	72	52	88	58	36	33	18
..... acres.....	117	418	260	445	280	173	163	108
10 to 19 acres..... farms.....	24	82	48	70	57	36	29	26
..... acres.....	319	1 158	663	968	811	489	402	361
20 to 29 acres..... farms.....	16	56	41	68	22	13	29	35
..... acres.....	377	1 317	966	1 549	512	298	690	837
30 to 49 acres..... farms.....	33	123	68	112	53	32	31	40
..... acres.....	1 282	4 566	2 609	4 406	2 038	1 242	1 197	1 579
50 to 99 acres..... farms.....	118	163	180	174	140	72	110	103
..... acres.....	8 845	11 471	13 084	12 391	10 345	5 277	7 994	7 575
100 to 199 acres..... farms.....	336	171	254	182	212	97	219	176
..... acres.....	48 921	24 022	36 869	25 000	30 221	14 501	32 669	25 827
200 to 499 acres..... farms.....	451	190	337	223	272	183	289	231
..... acres.....	135 413	60 711	103 917	68 209	87 079	59 647	90 841	73 762
500 to 999 acres..... farms.....	69	44	65	47	100	85	65	119
..... acres.....	44 206	29 970	43 016	31 205	68 622	55 079	42 156	82 822
1,000 acres or more..... farms.....	8	3	7	8	15	23	13	35
..... acres.....	9 872	3 455	9 716	10 330	17 909	32 473	16 291	49 210
1982 acres harvested:								
1 to 9 acres..... farms.....	33	54	36	84	67	40	38	21
..... acres.....	177	297	174	445	331	206	189	119
10 to 19 acres..... farms.....	18	92	53	59	60	41	28	16
..... acres.....	240	1 295	705	808	814	564	380	225
20 to 29 acres..... farms.....	13	46	31	60	19	18	21	17
..... acres.....	320	1 060	732	1 392	438	402	494	392
30 to 49 acres..... farms.....	32	105	62	117	48	31	36	51
..... acres.....	1 231	3 932	2 382	4 434	1 893	1 127	1 369	1 945
50 to 99 acres..... farms.....	132	186	161	196	126	55	90	97
..... acres.....	9 934	13 073	11 712	13 966	9 287	3 927	6 801	6 736
100 to 199 acres..... farms.....	384	227	306	220	259	111	228	183
..... acres.....	57 109	32 995	44 420	31 217	38 180	16 807	33 028	26 739
200 to 499 acres..... farms.....	537	226	393	286	352	205	377	300
..... acres.....	164 628	69 631	119 297	86 558	113 228	66 961	115 238	97 294
500 to 999 acres..... farms.....	83	52	72	45	106	93	82	135
..... acres.....	50 695	34 159	45 542	(D)	69 628	64 634	53 000	94 051
1,000 acres or more..... farms.....	7	5	8	2	23	29	13	39
..... acres.....	9 961	6 167	12 125	(D)	31 299	40 214	16 061	55 266

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>Farms</b> .....	<b>number, 1987</b> ..	<b>634</b>	<b>627</b>	<b>801</b>	<b>1 104</b>	<b>676</b>	<b>908</b>	<b>867</b>	<b>1 545</b>
	<b>1982</b> .....	<b>667</b>	<b>689</b>	<b>899</b>	<b>1 200</b>	<b>758</b>	<b>961</b>	<b>956</b>	<b>1 691</b>
	<b>acres harvested, 1987</b> ..	<b>75 582</b>	<b>160 388</b>	<b>153 624</b>	<b>269 638</b>	<b>178 191</b>	<b>202 414</b>	<b>251 951</b>	<b>359 863</b>
	<b>1982</b> .....	<b>87 094</b>	<b>181 743</b>	<b>176 723</b>	<b>311 705</b>	<b>213 158</b>	<b>221 793</b>	<b>300 211</b>	<b>409 614</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres	farms.....	5	7	19	18	19	7	10	26
	acres harvested..	24	34	79	52	57	19	38	89
10 to 49 acres	farms.....	46	42	122	55	36	65	45	89
	acres harvested..	676	628	1 569	916	816	1 003	812	1 478
50 to 69 acres	farms.....	29	17	27	7	11	18	15	22
	acres harvested..	560	542	1 089	410	480	687	700	934
70 to 99 acres	farms.....	56	36	62	92	30	77	41	104
	acres harvested..	2 007	1 850	3 279	5 489	1 884	3 494	2 588	6 033
100 to 139 acres	farms.....	62	40	65	52	19	55	37	83
	acres harvested..	2 265	2 685	4 476	4 735	1 936	3 401	3 052	6 393
140 to 179 acres	farms.....	64	43	91	135	105	82	97	191
	acres harvested..	3 636	4 529	10 234	16 302	12 967	7 246	11 595	21 139
180 to 219 acres	farms.....	30	49	52	56	46	55	38	83
	acres harvested..	2 499	5 579	6 802	8 241	6 814	5 657	5 315	11 618
220 to 259 acres	farms.....	42	42	50	113	71	63	48	147
	acres harvested..	4 144	6 677	7 874	20 692	13 165	9 003	8 085	25 921
260 to 499 acres	farms.....	163	169	165	377	241	217	281	498
	acres harvested..	20 537	40 024	40 102	103 817	62 357	54 070	77 093	128 001
500 to 999 acres	farms.....	112	153	121	168	95	210	209	252
	acres harvested..	27 424	70 556	55 729	80 608	49 882	88 563	100 904	116 154
1,000 to 1,999 acres	farms.....	20	28	26	30	25	34	46	47
	acres harvested..	9 024	(D)	(D)	(D)	(D)	(D)	41 769	37 507
2,000 acres or more	farms.....	5	1	1	1	2	1	-	3
	acres harvested..	2 786	(D)	(D)	(D)	(D)	(D)	-	4 596
1982 size of farm:									
1 to 9 acres	farms.....	3	14	25	13	13	18	7	12
	acres harvested..	16	61	74	34	44	44	32	50
10 to 49 acres	farms.....	55	50	138	43	28	69	52	106
	acres harvested..	774	762	2 382	802	622	1 384	1 192	1 957
50 to 69 acres	farms.....	35	17	32	12	4	24	8	33
	acres harvested..	1 041	707	1 142	552	220	819	372	1 384
70 to 99 acres	farms.....	46	39	72	88	49	66	56	112
	acres harvested..	1 664	2 002	4 370	6 092	3 562	3 053	3 986	7 190
100 to 139 acres	farms.....	72	39	67	51	31	66	54	97
	acres harvested..	3 722	3 071	6 176	5 130	3 148	5 147	5 622	9 124
140 to 179 acres	farms.....	62	54	93	191	119	83	88	211
	acres harvested..	3 955	5 650	11 419	25 652	16 536	8 366	12 403	26 657
180 to 219 acres	farms.....	43	49	53	72	50	62	58	116
	acres harvested..	3 275	6 748	7 778	12 195	8 009	7 730	10 009	18 947
220 to 259 acres	farms.....	58	46	56	165	71	60	79	194
	acres harvested..	5 850	7 720	10 586	34 114	15 082	9 366	16 139	39 141
260 to 499 acres	farms.....	154	205	234	410	288	296	342	568
	acres harvested..	22 948	55 129	62 926	130 502	93 110	73 163	112 288	170 139
500 to 999 acres	farms.....	115	155	115	134	85	187	182	208
	acres harvested..	31 535	78 361	57 709	73 297	49 524	85 723	105 591	106 087
1,000 to 1,999 acres	farms.....	21	19	13	21	18	29	29	31
	acres harvested..	9 219	(D)	(D)	23 335	(D)	(D)	(D)	25 635
2,000 acres or more	farms.....	3	2	1	-	2	1	1	3
	acres harvested..	3 095	(D)	(D)	-	(D)	(D)	(D)	3 303
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres	farms.....	41	27	82	33	30	34	27	63
	acres.....	243	164	451	153	101	186	148	302
10 to 19 acres	farms.....	62	29	44	25	9	39	11	34
	acres.....	810	375	618	327	120	534	151	457
20 to 29 acres	farms.....	50	16	29	15	5	35	14	31
	acres.....	1 199	378	674	364	116	830	342	731
30 to 49 acres	farms.....	86	32	58	20	25	67	24	59
	acres.....	3 274	1 239	2 259	808	968	2 613	878	2 277
50 to 99 acres	farms.....	137	80	116	141	47	146	90	203
	acres.....	9 690	5 711	8 192	10 216	3 465	10 624	6 715	14 428
100 to 199 acres	farms.....	145	135	201	294	212	193	182	419
	acres.....	19 991	19 163	29 189	42 862	30 674	28 641	25 815	61 799
200 to 499 acres	farms.....	94	228	197	474	272	309	385	604
	acres.....	(D)	74 495	61 748	145 098	84 422	99 561	122 474	185 907
500 to 999 acres	farms.....	18	68	68	92	61	76	117	117
	acres.....	(D)	44 699	44 032	58 033	39 403	48 645	75 933	74 358
1,000 acres or more	farms.....	1	12	6	10	15	9	17	15
	acres.....	(D)	14 164	6 461	11 777	18 922	10 780	19 495	19 604
1982 acres harvested:									
1 to 9 acres	farms.....	25	35	84	30	24	36	15	55
	acres.....	133	203	431	134	93	147	88	285
10 to 19 acres	farms.....	60	27	45	12	5	35	18	37
	acres.....	809	342	628	163	76	457	238	485
20 to 29 acres	farms.....	47	12	35	6	4	33	11	20
	acres.....	1 102	303	806	133	92	799	269	474
30 to 49 acres	farms.....	81	29	54	29	15	60	26	58
	acres.....	2 991	1 165	2 136	1 066	567	2 257	993	2 120
50 to 99 acres	farms.....	155	82	121	120	66	131	80	192
	acres.....	11 335	5 957	8 903	9 010	4 999	9 547	6 172	13 834
100 to 199 acres	farms.....	163	149	211	318	202	228	196	428
	acres.....	23 069	22 281	30 590	46 345	29 971	33 493	29 535	63 163
200 to 499 acres	farms.....	116	258	275	576	361	346	449	758
	acres.....	34 328	82 496	83 999	177 417	114 792	108 646	145 454	230 572
500 to 999 acres	farms.....	19	87	71	97	68	80	144	128
	acres.....	(D)	56 533	45 788	62 077	45 509	51 514	96 481	81 066
1,000 acres or more	farms.....	1	10	3	12	13	13	17	15
	acres.....	(D)	12 463	3 442	15 360	17 059	14 933	20 981	17 615

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Pocahontas	Poik	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms..... number, 1987.....		929	841	1 429	904	592	945	862	1 035
..... number, 1982.....		1 045	960	1 617	1 029	702	1 044	971	1 185
..... acres harvested, 1987.....		265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
..... acres harvested, 1982.....		317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres..... farms.....		7	32	21	13	2	12	18	10
..... acres harvested.....		27	109	80	44	(D)	37	68	29
10 to 49 acres..... farms.....		45	219	156	69	29	43	122	46
..... acres harvested.....		773	3 282	2 240	1 108	(D)	704	1 786	863
50 to 69 acres..... farms.....		13	35	38	16	8	17	33	13
..... acres harvested.....		585	1 234	1 598	541	302	594	1 323	436
70 to 99 acres..... farms.....		52	80	84	50	41	60	66	42
..... acres harvested.....		3 150	4 006	4 175	2 643	1 724	3 574	3 545	2 402
100 to 139 acres..... farms.....		51	48	89	66	32	41	75	70
..... acres harvested.....		4 410	3 611	6 265	4 462	1 785	3 459	6 119	5 791
140 to 179 acres..... farms.....		109	59	129	94	44	101	97	109
..... acres harvested.....		13 446	6 244	13 713	9 286	2 631	11 977	11 376	11 639
180 to 219 acres..... farms.....		42	45	79	45	36	65	69	99
..... acres harvested.....		6 407	6 084	10 639	5 631	2 956	9 166	9 486	13 595
220 to 259 acres..... farms.....		61	40	93	72	42	82	72	96
..... acres harvested.....		11 062	6 279	15 369	10 716	3 988	14 093	12 565	16 047
260 to 499 acres..... farms.....		303	142	350	251	164	285	187	334
..... acres harvested.....		85 828	37 324	90 583	57 944	26 120	77 239	49 825	83 905
500 to 999 acres..... farms.....		214	93	307	182	140	201	101	187
..... acres harvested.....		108 604	48 845	149 839	80 204	42 596	100 718	50 593	88 096
1,000 to 1,999 acres..... farms.....		31	40	74	45	45	36	22	29
..... acres harvested.....		(D)	37 377	69 135	(D)	26 905	(D)	19 825	21 799
2,000 acres or more..... farms.....		1	8	9	1	9	2	-	-
..... acres harvested.....		(D)	14 993	16 200	(D)	10 090	(D)	-	-
1982 size of farm:									
1 to 9 acres..... farms.....		15	32	26	22	5	8	22	13
..... acres harvested.....		51	124	82	107	17	30	85	55
10 to 49 acres..... farms.....		34	223	213	72	39	51	148	59
..... acres harvested.....		683	3 291	3 347	1 366	790	887	2 501	903
50 to 69 acres..... farms.....		15	56	40	24	14	23	35	20
..... acres harvested.....		774	2 023	1 455	906	542	1 003	1 790	954
70 to 99 acres..... farms.....		50	94	107	55	28	55	83	62
..... acres harvested.....		3 448	5 774	6 427	2 930	1 259	3 847	5 196	4 140
100 to 139 acres..... farms.....		52	69	103	68	37	58	79	81
..... acres harvested.....		5 416	5 952	8 933	5 305	2 094	5 726	7 768	7 735
140 to 179 acres..... farms.....		121	79	140	107	52	124	121	128
..... acres harvested.....		16 676	9 990	16 886	12 072	3 430	16 533	16 595	16 622
180 to 219 acres..... farms.....		70	52	90	64	50	72	80	111
..... acres harvested.....		12 328	8 968	13 753	8 887	4 740	11 515	13 239	17 694
220 to 259 acres..... farms.....		95	50	92	82	37	105	82	130
..... acres harvested.....		19 990	9 956	17 040	14 525	4 799	21 195	16 371	25 207
260 to 499 acres..... farms.....		388	170	461	309	212	357	207	414
..... acres harvested.....		125 567	48 128	135 145	79 114	41 413	109 020	64 239	117 933
500 to 999 acres..... farms.....		181	96	273	186	185	160	96	151
..... acres harvested.....		106 768	56 167	148 356	89 351	63 858	90 475	53 075	77 160
1,000 to 1,999 acres..... farms.....		24	34	64	39	35	26	17	15
..... acres harvested.....		25 725	35 774	64 236	(D)	24 476	28 246	(D)	(D)
2,000 acres or more..... farms.....		-	5	8	1	8	5	1	1
..... acres harvested.....		-	9 763	17 070	(D)	11 246	13 162	(D)	(D)
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres..... farms.....		17	116	86	35	10	34	63	28
..... acres.....		77	596	428	179	72	183	353	134
10 to 19 acres..... farms.....		19	87	66	37	30	10	54	13
..... acres.....		252	1 210	862	486	400	136	735	174
20 to 29 acres..... farms.....		14	50	48	32	26	14	32	21
..... acres.....		341	1 167	1 129	734	582	333	755	500
30 to 49 acres..... farms.....		21	72	69	50	59	27	52	36
..... acres.....		856	2 773	2 608	1 909	2 256	1 034	2 090	1 381
50 to 99 acres..... farms.....		99	109	171	129	121	101	123	112
..... acres.....		7 249	7 711	12 138	9 655	8 931	7 275	9 039	8 421
100 to 199 acres..... farms.....		218	147	296	221	140	261	236	324
..... acres.....		31 691	20 941	43 515	32 578	20 628	38 548	33 662	46 960
200 to 499 acres..... farms.....		399	163	491	297	156	367	237	409
..... acres.....		127 576	51 691	159 213	92 146	48 181	118 016	72 362	127 046
500 to 999 acres..... farms.....		126	74	163	94	42	114	58	89
..... acres.....		79 120	50 788	107 458	63 600	28 638	72 542	39 626	56 734
1,000 acres or more..... farms.....		16	23	39	9	8	17	7	3
..... acres.....		18 710	32 511	52 485	10 447	10 633	20 914	7 989	3 252
1982 acres harvested:									
1 to 9 acres..... farms.....		25	116	96	37	20	27	70	33
..... acres.....		116	621	461	189	109	149	353	183
10 to 19 acres..... farms.....		11	111	102	43	21	16	53	25
..... acres.....		135	1 482	1 333	568	278	221	713	338
20 to 29 acres..... farms.....		3	45	45	24	20	11	30	17
..... acres.....		67	1 081	1 093	563	475	267	673	399
30 to 49 acres..... farms.....		22	58	71	49	58	19	58	20
..... acres.....		833	2 265	2 695	1 897	2 177	739	2 247	803
50 to 99 acres..... farms.....		80	132	174	113	99	104	122	124
..... acres.....		5 880	9 311	12 688	8 194	6 905	7 663	8 690	9 462
100 to 199 acres..... farms.....		244	180	326	273	160	263	267	349
..... acres.....		36 286	26 443	47 581	40 232	22 526	38 632	39 358	52 336
200 to 499 acres..... farms.....		493	212	565	369	267	465	293	527
..... acres.....		157 816	64 289	179 446	114 095	80 820	144 376	90 445	159 712
500 to 999 acres..... farms.....		149	84	198	104	48	119	65	82
..... acres.....		95 439	59 224	130 209	66 255	32 128	77 847	42 916	51 014
1,000 acres or more..... farms.....		18	22	40	17	9	20	13	8
..... acres.....		20 854	31 194	57 224	20 709	13 246	31 745	16 419	9 728

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms..... number, 1987	1 667	1 001	1 238	690	597	699	788	1 104	
..... number, 1982	1 816	1 113	1 350	800	683	801	862	1 188	
..... acres harvested, 1987	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858	
..... acres harvested, 1982	406 510	289 259	309 403	165 144	121 953	132 083	131 029	181 270	
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres..... farms...	31	20	11	6	7	6	10	21	
..... acres harvested...	97	61	35	29	24	28	30	74	
10 to 49 acres..... farms...	131	133	97	30	68	47	126	196	
..... acres harvested...	2 434	2 241	1 509	354	1 207	656	1 755	2 673	
50 to 69 acres..... farms...	36	45	41	18	22	20	60	50	
..... acres harvested...	1 682	1 676	1 501	723	551	634	1 371	1 575	
70 to 99 acres..... farms...	143	85	76	50	47	54	77	128	
..... acres harvested...	8 698	4 940	3 680	1 944	1 893	1 990	2 900	4 799	
100 to 139 acres..... farms...	100	74	106	31	34	87	86	117	
..... acres harvested...	9 250	6 041	7 115	1 271	1 659	4 360	4 250	5 896	
140 to 179 acres..... farms...	231	85	125	63	53	76	58	111	
..... acres harvested...	27 633	9 816	12 617	4 079	3 763	4 956	4 399	7 770	
180 to 219 acres..... farms...	109	55	81	48	30	58	51	70	
..... acres harvested...	17 401	7 654	10 196	4 842	2 766	4 354	4 622	6 371	
220 to 259 acres..... farms...	169	42	97	52	50	43	51	39	
..... acres harvested...	31 009	7 157	15 544	5 787	5 440	4 293	5 738	3 881	
260 to 499 acres..... farms...	505	229	338	189	136	155	144	192	
..... acres harvested...	135 941	60 708	82 511	32 085	24 958	25 896	27 472	35 695	
500 to 999 acres..... farms...	179	188	225	160	118	120	107	133	
..... acres harvested...	88 514	95 067	101 255	55 179	39 021	38 977	49 027	49 094	
1,000 to 1,999 acres..... farms...	31	40	39	37	28	28	17	44	
..... acres harvested...	(D)	37 246	(D)	25 978	14 822	18 228	(D)	33 831	
2,000 acres or more..... farms...	2	5	2	6	4	5	1	3	
..... acres harvested...	(D)	9 819	(D)	8 772	5 112	3 768	(D)	4 199	
1982 size of farm:									
1 to 9 acres..... farms...	41	18	12	10	12	13	7	18	
..... acres harvested...	139	91	48	44	42	49	36	73	
10 to 49 acres..... farms...	115	161	107	41	78	61	130	233	
..... acres harvested...	2 318	2 970	2 017	759	1 505	1 073	2 168	3 343	
50 to 69 acres..... farms...	40	25	34	18	21	31	54	58	
..... acres harvested...	2 105	1 008	1 250	568	607	1 030	1 350	1 604	
70 to 99 acres..... farms...	129	88	100	59	48	66	90	145	
..... acres harvested...	8 798	5 884	5 638	2 941	2 030	2 528	3 839	6 045	
100 to 139 acres..... farms...	121	83	89	57	51	85	101	112	
..... acres harvested...	12 619	8 018	7 240	3 305	3 867	5 107	5 420	6 569	
140 to 179 acres..... farms...	307	108	155	81	73	55	70	91	
..... acres harvested...	42 863	14 336	18 670	6 802	6 802	4 218	5 837	7 564	
180 to 219 acres..... farms...	148	77	108	47	38	65	51	65	
..... acres harvested...	25 640	12 388	15 837	5 522	4 494	5 303	4 315	6 010	
220 to 259 acres..... farms...	198	68	131	86	47	60	51	70	
..... acres harvested...	42 066	13 967	23 449	11 496	5 365	6 438	6 181	8 659	
260 to 499 acres..... farms...	549	290	394	210	165	192	188	215	
..... acres harvested...	169 109	92 632	108 714	44 291	28 524	36 633	44 072	45 005	
500 to 999 acres..... farms...	147	163	189	160	122	140	100	137	
..... acres harvested...	79 819	94 099	92 992	63 421	45 583	46 006	41 056	56 051	
1,000 to 1,999 acres..... farms...	21	28	29	28	25	30	19	39	
..... acres harvested...	21 034	31 923	(D)	21 219	18 369	20 228	(D)	32 262	
2,000 acres or more..... farms...	-	4	2	3	3	3	1	5	
..... acres harvested...	-	11 943	(D)	4 740	4 965	3 450	(D)	8 085	
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres..... farms...	74	63	51	26	33	44	72	114	
..... acres...	315	288	256	157	199	258	404	567	
10 to 19 acres..... farms...	37	56	62	34	45	49	102	114	
..... acres...	482	732	871	477	612	676	1 379	1 645	
20 to 29 acres..... farms...	34	34	38	29	43	35	80	101	
..... acres...	818	815	908	689	1 038	834	1 846	2 384	
30 to 49 acres..... farms...	69	67	79	70	79	90	80	146	
..... acres...	2 559	2 557	3 062	2 700	2 939	3 431	3 007	5 367	
50 to 99 acres..... farms...	242	150	186	119	91	166	129	204	
..... acres...	17 971	10 926	13 439	8 396	6 829	11 608	8 943	14 513	
100 to 199 acres..... farms...	527	195	288	160	121	139	133	171	
..... acres...	78 672	27 822	42 269	22 779	17 431	19 556	18 431	24 217	
200 to 499 acres..... farms...	574	302	421	196	155	134	136	189	
..... acres...	174 311	96 939	131 771	60 796	48 830	41 848	43 613	57 682	
500 to 999 acres..... farms...	97	117	95	43	26	39	53	55	
..... acres...	62 006	78 628	59 793	28 738	17 653	26 654	34 698	36 993	
1,000 acres or more..... farms...	13	17	18	13	4	3	3	10	
..... acres...	15 724	23 719	22 515	16 311	5 685	3 275	4 600	12 490	
1982 acres harvested:									
1 to 9 acres..... farms...	68	65	54	25	36	39	44	113	
..... acres...	287	362	263	132	191	192	259	613	
10 to 19 acres..... farms...	38	57	39	20	39	55	89	134	
..... acres...	512	772	508	282	529	774	1 158	1 780	
20 to 29 acres..... farms...	18	33	38	33	33	47	85	95	
..... acres...	455	748	921	787	787	1 119	1 992	2 237	
30 to 49 acres..... farms...	58	57	82	57	66	78	123	134	
..... acres...	2 180	2 058	3 181	2 178	2 600	2 981	4 671	4 976	
50 to 99 acres..... farms...	191	135	168	149	119	188	151	211	
..... acres...	13 648	9 991	12 205	10 317	8 512	13 068	10 735	15 097	
100 to 199 acres..... farms...	571	241	369	206	196	151	131	211	
..... acres...	84 017	35 055	54 477	29 928	27 504	21 091	18 878	30 041	
200 to 499 acres..... farms...	751	378	486	244	148	194	195	213	
..... acres...	224 357	122 627	152 096	73 484	47 149	58 168	61 069	65 937	
500 to 999 acres..... farms...	112	122	96	60	41	44	37	62	
..... acres...	69 908	80 215	61 324	39 626	27 081	28 439	23 987	40 687	
1,000 acres or more..... farms...	9	25	18	6	5	5	7	15	
..... acres...	11 146	37 431	24 428	8 410	7 800	6 231	8 280	19 902	

**Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>Farms</b> .....	<b>number, 1987</b> ..	<b>1 024</b>	<b>630</b>	<b>1 140</b>	<b>686</b>	<b>1 422</b>	<b>1 162</b>	<b>592</b>	<b>832</b>
	<b>1982</b> .....	<b>1 098</b>	<b>731</b>	<b>1 251</b>	<b>774</b>	<b>1 562</b>	<b>1 377</b>	<b>714</b>	<b>950</b>
	<b>acres harvested, 1987</b> ..	<b>206 315</b>	<b>114 904</b>	<b>312 048</b>	<b>177 414</b>	<b>219 642</b>	<b>278 373</b>	<b>157 665</b>	<b>260 638</b>
	<b>1982</b> .....	<b>247 227</b>	<b>152 831</b>	<b>363 632</b>	<b>211 136</b>	<b>262 028</b>	<b>359 752</b>	<b>199 142</b>	<b>319 992</b>
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>									
1987 size of farm:									
1 to 9 acres	farms	19	6	12		12	28	9	5
	acres harvested	59	38	49	40	61	94	26	20
10 to 49 acres	farms	99	35	93	40	103	112	55	53
	acres harvested	1 704	581	1 697	672	1 622	1 727	1 007	1 076
50 to 69 acres	farms	32	19	21	14	39	30	11	15
	acres harvested	1 231	493	833	558	1 445	1 081	376	633
70 to 99 acres	farms	73	23	91	51	83	74	29	37
	acres harvested	3 934	779	4 681	3 127	3 952	3 435	1 518	2 368
100 to 139 acres	farms	85	32	73	47	157	55	32	43
	acres harvested	6 085	1 709	6 394	3 870	10 123	3 948	2 348	3 594
140 to 179 acres	farms	91	56	110	79	218	94	59	82
	acres harvested	9 352	4 107	13 293	8 664	21 159	9 191	6 272	9 739
180 to 219 acres	farms	67	45	66	39	158	78	27	39
	acres harvested	8 161	3 128	10 036	5 610	18 137	9 371	3 395	5 743
220 to 259 acres	farms	76	42	69	45	125	83	39	50
	acres harvested	11 881	4 142	12 072	7 095	17 620	12 459	6 201	9 427
260 to 499 acres	farms	286	167	323	199	389	314	165	253
	acres harvested	68 571	25 312	88 551	52 139	85 781	72 496	42 911	70 609
500 to 999 acres	farms	167	162	222	131	123	225	143	199
	acres harvested	71 540	47 712	113 851	65 770	47 011	99 339	70 641	99 748
1,000 to 1,999 acres	farms	27	38	55	26	14	61	23	52
	acres harvested	(D)	21 642	52 907	23 729	(D)	51 267	22 970	48 986
2,000 acres or more	farms	2	5	5	3	1	8	-	4
	acres harvested	(D)	5 261	7 744	6 140	(D)	13 965	-	8 695
1982 size of farm:									
1 to 9 acres	farms	23	3	30	17	18	31	15	20
	acres harvested	97	13	115	61	68	110	56	77
10 to 49 acres	farms	117	43	106	55	109	140	67	46
	acres harvested	2 107	906	1 885	953	1 934	2 311	1 328	850
50 to 69 acres	farms	32	13	27	14	54	47	19	7
	acres harvested	1 378	496	1 106	600	1 957	1 970	909	353
70 to 99 acres	farms	88	42	75	51	81	95	43	44
	acres harvested	4 930	1 754	5 093	3 286	4 322	5 618	2 784	3 042
100 to 139 acres	farms	85	45	69	46	170	82	46	42
	acres harvested	7 223	2 659	7 075	4 255	13 019	6 836	4 603	4 100
140 to 179 acres	farms	106	66	120	106	217	143	81	98
	acres harvested	12 408	5 571	16 416	14 163	23 204	16 223	10 892	13 934
180 to 219 acres	farms	71	39	84	39	171	85	51	49
	acres harvested	10 514	3 138	14 523	6 419	22 422	12 807	8 804	8 640
220 to 259 acres	farms	81	64	106	78	167	94	55	77
	acres harvested	14 738	8 066	21 340	15 780	26 801	16 317	11 206	16 527
260 to 499 acres	farms	306	220	372	237	424	371	185	335
	acres harvested	84 595	44 134	116 426	73 676	97 373	104 864	57 494	108 804
500 to 999 acres	farms	159	163	216	106	137	222	131	189
	acres harvested	78 411	57 246	124 685	61 591	58 986	116 837	75 196	110 780
1,000 to 1,999 acres	farms	27	28	44	23	13	55	19	37
	acres harvested	24 468	22 478	(D)	(D)	(D)	51 540	(D)	39 782
2,000 acres or more	farms	3	5	2	2	1	12	2	6
	acres harvested	6 358	6 370	(D)	(D)	(D)	24 319	(D)	13 103
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>									
1987 acres harvested:									
1 to 9 acres	farms	47	16	45	30	59	75	27	21
	acres	225	106	254	161	288	352	118	125
10 to 19 acres	farms	42	48	40	16	69	53	24	12
	acres	593	628	543	193	940	731	315	153
20 to 29 acres	farms	45	40	30	13	52	50	15	14
	acres	1 081	918	747	327	1 224	1 155	367	351
30 to 49 acres	farms	62	57	46	31	106	70	28	31
	acres	2 403	2 199	1 769	1 248	4 192	2 653	1 015	1 184
50 to 99 acres	farms	172	108	133	94	284	126	69	84
	acres	12 559	7 967	9 557	6 851	21 224	9 038	4 735	6 229
100 to 199 acres	farms	272	148	270	163	461	288	117	170
	acres	39 518	21 005	39 709	22 669	64 400	41 673	16 740	25 162
200 to 499 acres	farms	311	174	415	251	351	371	222	363
	acres	99 833	53 641	136 301	80 029	99 865	117 288	71 071	119 498
500 to 999 acres	farms	66	33	133	75	35	106	80	114
	acres	41 953	20 538	87 711	48 505	21 258	73 374	50 995	78 428
1,000 acres or more	farms	7	6	28	13	5	23	10	23
	acres	8 150	7 902	35 457	17 431	6 251	32 109	12 309	29 508
1982 acres harvested:									
1 to 9 acres	farms	64	13	67	36	54	87	31	30
	acres	329	71	352	180	297	452	142	142
10 to 19 acres	farms	49	28	37	18	58	65	21	20
	acres	727	394	512	222	822	859	294	267
20 to 29 acres	farms	28	31	31	14	49	38	15	10
	acres	686	743	733	335	1 180	901	336	261
30 to 49 acres	farms	66	57	35	22	91	67	28	19
	acres	2 497	2 082	1 317	825	3 546	2 530	1 061	745
50 to 99 acres	farms	145	125	113	89	257	169	73	58
	acres	10 547	8 883	8 306	6 322	19 090	12 019	5 255	4 411
100 to 199 acres	farms	266	180	251	180	598	315	172	183
	acres	38 447	25 904	36 486	26 456	85 123	46 505	25 060	27 199
200 to 499 acres	farms	382	244	523	319	401	450	266	444
	acres	118 982	73 211	165 778	99 895	115 855	142 623	85 021	143 587
500 to 999 acres	farms	84	46	156	78	50	153	92	156
	acres	56 055	31 689	102 321	52 800	31 176	103 589	60 590	102 045
1,000 acres or more	farms	14	7	38	18	4	33	16	30
	acres	18 957	9 854	47 827	24 101	4 939	50 274	21 383	41 335

**Table 7. Irrigation: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms ..... number, 1987..	851	4	-	-	1	2	4
..... 1982..	616	2	1	2	1	-	2
Land in irrigated farms ..... acres, 1987..	385 109	1 438	-	-	(D)	(D)	319
..... 1982..	304 670	(D)	(D)	(D)	(D)	(D)	(D)
Harvested cropland ..... farms, 1987..	845	4	-	-	1	2	4
..... 1982..	616	2	1	2	1	-	2
..... acres, 1987..	278 236	895	(D)	(D)	(D)	(D)	284
..... 1982..	253 538	(D)	(D)	(D)	(D)	(D)	(D)
Other cropland, excluding cropland pastured ..... farms, 1987..	568	2	-	-	-	2	1
..... 1982..	243	1	-	1	-	-	(D)
..... acres, 1987..	62 907	(D)	-	-	-	(D)	(D)
..... 1982..	9 515	(D)	-	(D)	-	-	(D)
Pastureland, excluding woodland pastured ... farms, 1987..	232	2	-	-	-	-	-
..... 1982..	215	1	1	1	-	-	-
..... acres, 1987..	19 016	(D)	-	-	-	-	-
..... 1982..	22 869	(D)	(D)	(D)	-	-	-
Irrigated land ..... acres, 1987..	92 247	204	-	-	(D)	(D)	(D)
..... 1982..	91 427	(D)	(D)	(D)	(D)	(D)	(D)
Harvested cropland ..... farms, 1987..	825	3	-	-	1	2	4
..... 1982..	608	1	1	2	1	-	2
..... acres, 1987..	91 598	(D)	(D)	(D)	(D)	(D)	(D)
..... 1982..	91 175	(D)	(D)	(D)	(D)	(D)	(D)
Pastureland and other land ..... farms, 1987..	37	1	-	-	-	-	-
..... 1982..	18	1	-	-	-	-	-
..... acres, 1987..	649	(D)	-	-	-	-	-
..... 1982..	252	(D)	-	-	-	-	-
1987 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	107	-	-	-	1	-	1
..... acres irrigated..	165	-	-	-	(D)	-	(D)
10 to 49 acres ..... farms..	123	-	-	-	-	-	2
..... acres irrigated..	810	-	-	-	-	-	(D)
50 to 69 acres ..... farms..	24	-	-	-	-	-	-
..... acres irrigated..	564	-	-	-	-	-	-
70 to 99 acres ..... farms..	40	-	-	-	-	-	-
..... acres irrigated..	1 029	-	-	-	-	-	-
100 to 139 acres ..... farms..	33	-	-	-	-	-	-
..... acres irrigated..	871	-	-	-	-	-	-
140 to 179 acres ..... farms..	34	-	-	-	-	-	-
..... acres irrigated..	2 002	-	-	-	-	-	-
180 to 219 acres ..... farms..	18	2	-	-	-	-	-
..... acres irrigated..	(D)	(D)	-	-	-	-	-
220 to 259 acres ..... farms..	47	-	-	-	-	-	1
..... acres irrigated..	(D)	-	-	-	-	-	(D)
260 to 499 acres ..... farms..	126	1	-	-	-	2	-
..... acres irrigated..	14 018	(D)	-	-	-	(D)	-
500 to 999 acres ..... farms..	187	1	-	-	-	-	-
..... acres irrigated..	31 991	(D)	-	-	-	-	-
1,000 to 1,999 acres ..... farms..	94	-	-	-	-	-	-
..... acres irrigated..	27 273	-	-	-	-	-	-
2,000 acres or more ..... farms..	18	-	-	-	-	-	-
..... acres irrigated..	9 202	-	-	-	-	-	-
1982 irrigated acres by size of farm:							
1 to 9 acres ..... farms..	59	-	-	-	1	-	1
..... acres irrigated..	103	-	-	-	(D)	-	(D)
10 to 49 acres ..... farms..	56	-	-	1	-	-	-
..... acres irrigated..	349	-	-	(D)	-	-	-
50 to 69 acres ..... farms..	16	-	-	-	-	-	-
..... acres irrigated..	298	-	-	-	-	-	-
70 to 99 acres ..... farms..	25	-	-	-	-	-	-
..... acres irrigated..	740	-	-	-	-	-	-
100 to 139 acres ..... farms..	23	1	-	-	-	-	-
..... acres irrigated..	1 034	(D)	-	-	-	-	-
140 to 179 acres ..... farms..	35	-	-	-	-	-	-
..... acres irrigated..	2 265	-	-	-	-	-	-
180 to 219 acres ..... farms..	19	-	-	-	-	-	-
..... acres irrigated..	1 511	-	-	-	-	-	-
220 to 259 acres ..... farms..	30	-	-	-	-	-	-
..... acres irrigated..	3 201	-	-	-	-	-	-
260 to 499 acres ..... farms..	120	1	-	-	-	-	1
..... acres irrigated..	19 071	(D)	-	-	-	-	(D)
500 to 999 acres ..... farms..	160	-	1	-	-	-	-
..... acres irrigated..	33 787	-	(D)	-	-	-	-
1,000 to 1,999 acres ..... farms..	56	-	-	1	-	-	-
..... acres irrigated..	16 583	-	-	(D)	-	-	-
2,000 acres or more ..... farms..	17	-	-	-	-	-	-
..... acres irrigated..	12 485	-	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms ----- number, 1987--	14	5	5	5	6	3	5
1982--	6	4	5	1	2	2	3
Land in irrigated farms ----- acres, 1987--	1 944	460	3 183	1 700	862	920	3 374
1982--	2 572	11	2 897	(D)	(D)	(D)	2 696
Harvested cropland ----- farms, 1987--	13	5	5	4	6	3	5
1982--	6	4	5	1	2	2	3
acres, 1987--	1 112	321	2 457	1 464	558	593	2 192
1982--	2 158	8	2 274	(D)	(D)	(D)	1 751
Other cropland, excluding cropland pastured ----- farms, 1987--	7	3	2	2	5	2	2
1982--	--	--	2	--	2	2	1
acres, 1987--	353	94	(D)	(D)	225	(D)	(D)
1982--	--	--	(D)	--	(D)	(D)	(D)
Pastureland, excluding woodland pastured ----- farms, 1987--	3	--	3	1	4	1	1
1982--	1	--	1	--	--	--	3
acres, 1987--	416	--	139	(D)	59	(D)	(D)
1982--	(D)	--	(D)	--	--	--	(D)
Irrigated land ----- acres, 1987--	160	6	203	218	(D)	(D)	537
1982--	(D)	5	282	(D)	(D)	(D)	(D)
Harvested cropland ----- farms, 1987--	13	5	5	4	6	2	5
1982--	6	4	5	1	2	2	3
acres, 1987--	(D)	6	203	(D)	(D)	(D)	537
1982--	(D)	5	282	(D)	(D)	(D)	(D)
Pastureland and other land ----- farms, 1987--	1	--	--	1	--	2	--
1982--	--	--	--	--	--	--	--
acres, 1987--	(D)	--	--	(D)	--	(D)	--
1982--	--	--	--	--	--	--	--
1987 irrigated acres by size of farm:							
1 to 9 acres ----- farms--	6	3	--	--	--	--	--
acres irrigated--	12	(D)	--	--	--	--	--
10 to 49 acres ----- farms--	3	1	--	2	3	1	1
acres irrigated--	7	(D)	--	(D)	9	(D)	(D)
50 to 69 acres ----- farms--	--	--	--	--	--	--	--
acres irrigated--	--	--	--	--	--	--	--
70 to 99 acres ----- farms--	2	--	--	--	--	--	1
acres irrigated--	(D)	--	--	--	--	--	(D)
100 to 139 acres ----- farms--	--	--	--	--	--	(D)	--
acres irrigated--	--	--	--	--	--	--	--
140 to 179 acres ----- farms--	--	--	--	--	(D)	--	--
acres irrigated--	--	--	--	--	--	--	--
180 to 219 acres ----- farms--	--	--	--	--	--	--	--
acres irrigated--	--	--	--	--	--	--	--
220 to 259 acres ----- farms--	1	--	2	--	--	--	--
acres irrigated--	(D)	--	(D)	--	--	--	--
260 to 499 acres ----- farms--	--	1	1	2	2	--	1
acres irrigated--	--	(D)	(D)	(D)	(D)	--	(D)
500 to 999 acres ----- farms--	2	--	1	1	--	1	1
acres irrigated--	(D)	--	(D)	(D)	--	(D)	(D)
1,000 to 1,999 acres ----- farms--	--	--	1	--	--	--	--
acres irrigated--	--	--	(D)	--	--	--	--
2,000 acres or more ----- farms--	--	--	--	--	--	--	1
acres irrigated--	--	--	--	--	--	--	(D)
1982 irrigated acres by size of farm:							
1 to 9 acres ----- farms--	1	4	1	--	--	--	--
acres irrigated--	(D)	5	(D)	--	--	--	--
10 to 49 acres ----- farms--	4	--	--	--	--	--	--
acres irrigated--	18	--	--	--	--	--	--
50 to 69 acres ----- farms--	--	--	--	1	--	--	--
acres irrigated--	--	--	--	(D)	--	--	--
70 to 99 acres ----- farms--	--	--	--	--	--	--	--
acres irrigated--	--	--	--	--	--	--	--
100 to 139 acres ----- farms--	--	--	1	--	--	--	--
acres irrigated--	--	--	(D)	--	--	--	--
140 to 179 acres ----- farms--	--	--	1	--	--	--	1
acres irrigated--	--	--	(D)	--	--	--	(D)
180 to 219 acres ----- farms--	--	--	--	--	--	--	--
acres irrigated--	--	--	--	--	--	--	--
220 to 259 acres ----- farms--	--	--	1	--	--	1	1
acres irrigated--	--	--	(D)	--	--	(D)	(D)
260 to 499 acres ----- farms--	--	--	--	--	1	--	--
acres irrigated--	--	--	--	--	(D)	--	--
500 to 999 acres ----- farms--	--	--	--	--	1	1	--
acres irrigated--	--	--	--	--	(D)	(D)	--
1,000 to 1,999 acres ----- farms--	--	--	--	--	--	--	--
acres irrigated--	--	--	--	--	--	--	--
2,000 acres or more ----- farms--	1	--	1	--	--	--	1
acres irrigated--	(D)	--	(D)	--	--	--	(D)

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms ..... number, 1987 ..	3	1	3	8	4	11	2
..... number, 1982 ..	2	2	2	9	1	7	1
Land in irrigated farms ..... acres, 1987 ..	1 282	(D)	411	1 878	631	6 754	(D)
..... acres, 1982 ..	(D)	(D)	(D)	2 964	(D)	5 792	(D)
Harvested cropland ..... farms, 1987 ..	3	1	3	8	4	11	2
..... farms, 1982 ..	2	2	2	9	1	7	1
..... acres, 1987 ..	766	(D)	385	1 523	419	4 570	(D)
..... acres, 1982 ..	(D)	(D)	(D)	2 516	(D)	5 159	(D)
Other cropland, excluding cropland pastured ..... farms, 1987 ..	3	1	1	2	3	9	-
..... farms, 1982 ..	-	1	-	4	1	4	1
..... acres, 1987 ..	430	(D)	(D)	(D)	71	776	-
..... acres, 1982 ..	-	(D)	-	151	(D)	94	(D)
Pastureland, excluding woodland pastured ... farms, 1987 ..	-	1	-	2	2	8	1
..... farms, 1982 ..	-	1	-	2	-	6	1
..... acres, 1987 ..	-	(D)	(D)	(D)	(D)	704	(D)
..... acres, 1982 ..	-	(D)	(D)	(D)	-	146	(D)
Irrigated land ..... acres, 1987 ..	(D)	(D)	(D)	352	68	1 146	(D)
..... acres, 1982 ..	(D)	(D)	(D)	895	(D)	1 510	(D)
Harvested cropland ..... farms, 1987 ..	3	1	3	8	4	11	2
..... farms, 1982 ..	2	1	2	9	1	7	1
..... acres, 1987 ..	(D)	(D)	(D)	352	68	1 146	(D)
..... acres, 1982 ..	(D)	(D)	(D)	895	(D)	1 510	(D)
Pastureland and other land ..... farms, 1987 ..	-	-	-	-	-	-	-
..... farms, 1982 ..	-	-	-	-	-	-	-
..... acres, 1987 ..	-	1	-	-	-	-	-
..... acres, 1982 ..	-	(D)	-	-	-	-	-
1987 irrigated acres by size of farm:							
1 to 9 acres ..... farms ..	-	-	1	2	1	-	1
..... acres irrigated ..	-	-	(D)	(D)	(D)	-	(D)
10 to 49 acres ..... farms ..	-	-	1	1	-	1	1
..... acres irrigated ..	-	-	(D)	(D)	-	(D)	(D)
50 to 69 acres ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-
70 to 99 acres ..... farms ..	1	-	-	1	1	1	-
..... acres irrigated ..	(D)	-	-	(D)	(D)	(D)	-
100 to 139 acres ..... farms ..	-	-	-	1	-	-	-
..... acres irrigated ..	-	-	-	(D)	-	-	-
140 to 179 acres ..... farms ..	-	-	-	-	1	2	-
..... acres irrigated ..	-	-	-	-	(D)	(D)	-
180 to 219 acres ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-
220 to 259 acres ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-
260 to 499 acres ..... farms ..	1	1	1	1	1	2	-
..... acres irrigated ..	(D)	(D)	(D)	(D)	(D)	(D)	-
500 to 999 acres ..... farms ..	1	-	-	2	-	3	-
..... acres irrigated ..	(D)	-	-	(D)	-	575	-
1,000 to 1,999 acres ..... farms ..	-	-	-	-	-	1	-
..... acres irrigated ..	-	-	-	-	-	(D)	-
2,000 acres or more ..... farms ..	-	-	-	-	-	1	-
..... acres irrigated ..	-	-	-	-	-	(D)	-
1982 irrigated acres by size of farm:							
1 to 9 acres ..... farms ..	-	-	-	2	-	-	-
..... acres irrigated ..	-	-	-	(D)	-	-	-
10 to 49 acres ..... farms ..	1	-	-	1	-	-	-
..... acres irrigated ..	(D)	-	-	(D)	-	-	-
50 to 69 acres ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-
70 to 99 acres ..... farms ..	-	1	-	-	-	-	-
..... acres irrigated ..	-	(D)	-	-	-	-	-
100 to 139 acres ..... farms ..	-	-	1	1	-	-	-
..... acres irrigated ..	-	-	(D)	(D)	-	-	-
140 to 179 acres ..... farms ..	-	-	1	1	-	-	-
..... acres irrigated ..	-	-	(D)	-	-	-	-
180 to 219 acres ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-
220 to 259 acres ..... farms ..	1	-	-	-	-	-	1
..... acres irrigated ..	(D)	-	-	-	-	-	(D)
260 to 499 acres ..... farms ..	-	-	-	2	1	4	-
..... acres irrigated ..	-	-	-	(D)	(D)	610	-
500 to 999 acres ..... farms ..	-	1	-	3	-	-	-
..... acres irrigated ..	-	(D)	-	748	-	-	-
1,000 to 1,999 acres ..... farms ..	-	-	-	-	-	3	-
..... acres irrigated ..	-	-	-	-	-	900	-
2,000 acres or more ..... farms ..	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms ..... number, 1987 .....	4	1	9	2	11	2	2
..... number, 1982 .....	6	2	3	1	4	-	1
Land in irrigated farms ..... acres, 1987 .....	2 912	(D)	1 386	(D)	2 385	(D)	(D)
..... acres, 1982 .....	4 696	(D)	42	(D)	148	-	(D)
Harvested cropland ..... farms, 1987 .....	4	1	9	2	11	2	2
..... farms, 1982 .....	6	2	3	1	4	-	1
..... acres, 1987 .....	2 268	(D)	940	(D)	1 755	(D)	(D)
..... acres, 1982 .....	2 979	(D)	16	(D)	125	-	(D)
Other cropland, excluding cropland pastured ..... farms, 1987 .....	4	1	4	2	6	1	1
..... farms, 1982 .....	2	-	1	-	1	-	-
..... acres, 1987 .....	424	(D)	101	(D)	333	(D)	(D)
..... acres, 1982 .....	(D)	-	(D)	-	(D)	-	-
Pastureland, excluding woodland pastured ..... farms, 1987 .....	2	1	6	2	7	1	1
..... farms, 1982 .....	3	2	-	-	1	-	-
..... acres, 1987 .....	1 134	(D)	234	(D)	151	(D)	(D)
..... acres, 1982 .....	-	(D)	-	-	(D)	-	-
Irrigated land ..... acres, 1987 .....	276	(D)	86	(D)	133	(D)	(D)
..... acres, 1982 .....	543	(D)	6	(D)	55	-	(D)
Harvested cropland ..... farms, 1987 .....	4	1	9	-	11	2	1
..... farms, 1982 .....	6	2	3	1	3	-	1
..... acres, 1987 .....	276	(D)	86	(D)	133	(D)	(D)
..... acres, 1982 .....	543	(D)	6	(D)	(D)	-	(D)
Pastureland and other land ..... farms, 1987 .....	-	-	-	2	-	1	1
..... farms, 1982 .....	-	-	-	1	1	-	-
..... acres, 1987 .....	-	-	-	(D)	(D)	(D)	(D)
..... acres, 1982 .....	-	-	-	-	(D)	-	-
1987 irrigated acres by size of farm:							
1 to 9 acres ..... farms .....	-	-	1	-	1	1	-
..... acres irrigated .....	-	-	(D)	-	(D)	(D)	-
10 to 49 acres ..... farms .....	1	-	3	-	6	-	-
..... acres irrigated .....	(D)	-	19	-	37	-	-
50 to 69 acres ..... farms .....	-	-	-	-	1	-	-
..... acres irrigated .....	-	-	-	-	(D)	-	-
70 to 99 acres ..... farms .....	1	1	-	-	-	-	-
..... acres irrigated .....	(D)	(D)	-	-	-	-	-
100 to 139 acres ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-
140 to 179 acres ..... farms .....	-	-	1	-	1	-	-
..... acres irrigated .....	-	-	(D)	-	(D)	-	-
180 to 219 acres ..... farms .....	-	-	1	-	-	-	-
..... acres irrigated .....	-	-	(D)	-	-	-	-
220 to 259 acres ..... farms .....	-	-	2	-	-	-	-
..... acres irrigated .....	-	-	(D)	-	-	(D)	(D)
260 to 499 acres ..... farms .....	-	-	1	-	-	-	-
..... acres irrigated .....	-	-	(D)	-	-	-	-
500 to 999 acres ..... farms .....	1	-	-	2	1	-	-
..... acres irrigated .....	(D)	-	-	(D)	(D)	-	-
1,000 to 1,999 acres ..... farms .....	1	-	-	-	1	-	1
..... acres irrigated .....	(D)	-	-	-	(D)	-	(D)
2,000 acres or more ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:							
1 to 9 acres ..... farms .....	-	-	2	1	-	-	-
..... acres irrigated .....	-	-	(D)	(D)	-	-	-
10 to 49 acres ..... farms .....	-	-	1	-	-	-	-
..... acres irrigated .....	-	-	(D)	-	(D)	-	-
50 to 69 acres ..... farms .....	-	-	-	-	3	-	-
..... acres irrigated .....	-	-	-	-	(D)	-	-
70 to 99 acres ..... farms .....	-	2	-	-	1	-	-
..... acres irrigated .....	-	(D)	-	-	(D)	-	-
100 to 139 acres ..... farms .....	1	-	-	-	-	-	-
..... acres irrigated .....	(D)	-	-	-	-	-	-
140 to 179 acres ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-
180 to 219 acres ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-
220 to 259 acres ..... farms .....	2	-	-	-	-	-	-
..... acres irrigated .....	(D)	-	-	-	-	-	-
260 to 499 acres ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-
500 to 999 acres ..... farms .....	-	-	-	-	-	-	1
..... acres irrigated .....	-	-	-	-	-	-	(D)
1,000 to 1,999 acres ..... farms .....	3	-	-	-	-	-	-
..... acres irrigated .....	378	-	-	-	-	-	-
2,000 acres or more ..... farms .....	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms ..... number, 1987..	2	7	4	5	6	7	9	9
..... number, 1982..	-	4	4	2	4	3	6	2
Land in irrigated farms ..... acres, 1987..	(D)	1 853	1 508	284	1 769	2 944	5 857	3 590
..... acres, 1982..	-	734	1 542	(D)	2 555	490	3 335	(D)
Harvested cropland ..... farms, 1987..	2	7	4	5	6	7	9	8
..... farms, 1982..	-	4	4	2	4	3	6	2
..... acres, 1987..	(D)	1 285	927	137	1 183	1 601	4 410	2 700
..... acres, 1982..	-	572	1 344	(D)	1 666	411	2 575	(D)
Other cropland, excluding cropland pastured ..... farms, 1987..	1	3	3	1	4	4	6	6
..... farms, 1982..	-	3	1	1	1	2	3	1
..... acres, 1987..	(D)	105	402	(D)	358	211	573	407
..... acres, 1982..	-	41	(D)	(D)	(D)	(D)	129	(D)
Pastureland, excluding woodland pastured ..... farms, 1987..	-	1	1	1	2	2	4	2
..... farms, 1982..	-	1	3	1	3	3	2	-
..... acres, 1987..	-	(D)	(D)	(D)	(D)	(D)	385	(D)
..... acres, 1982..	-	(D)	(D)	(D)	(D)	49	(D)	-
Irrigated land ..... acres, 1987..	(D)	(D)	(D)	18	311	425	911	281
..... acres, 1982..	-	311	(D)	(D)	(D)	42	868	(D)
Harvested cropland ..... farms, 1987..	2	7	4	5	6	7	7	8
..... farms, 1982..	-	4	4	2	4	3	6	2
..... acres, 1987..	(D)	(D)	(D)	18	311	425	(D)	(D)
..... acres, 1982..	-	311	(D)	(D)	(D)	42	868	(D)
Pastureland and other land ..... farms, 1987..	-	-	-	-	-	-	2	1
..... farms, 1982..	-	-	-	1	-	-	-	-
..... acres, 1987..	-	-	-	(D)	-	-	(D)	(D)
..... acres, 1982..	-	-	-	(D)	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	-	2	1	1	1	-	1	1
..... acres irrigated..	-	(D)	(D)	(D)	(D)	-	(D)	(D)
10 to 49 acres ..... farms..	1	3	-	3	-	1	-	-
..... acres irrigated..	(D)	11	-	(D)	-	(D)	-	-
50 to 69 acres ..... farms..	-	-	-	-	1	2	1	1
..... acres irrigated..	-	-	-	-	(D)	(D)	(D)	(D)
70 to 99 acres ..... farms..	-	-	-	-	-	-	1	1
..... acres irrigated..	-	-	-	-	-	-	(D)	(D)
100 to 139 acres ..... farms..	1	-	1	-	-	-	-	-
..... acres irrigated..	(D)	-	(D)	-	-	-	-	-
140 to 179 acres ..... farms..	-	-	-	-	-	1	-	-
..... acres irrigated..	-	-	-	-	-	(D)	-	-
180 to 219 acres ..... farms..	-	-	-	-	-	1	-	-
..... acres irrigated..	-	-	-	-	-	(D)	-	-
220 to 259 acres ..... farms..	-	-	1	1	1	-	-	2
..... acres irrigated..	-	-	(D)	(D)	(D)	-	-	(D)
260 to 499 acres ..... farms..	-	1	-	-	2	1	2	2
..... acres irrigated..	-	(D)	-	-	(D)	(D)	(D)	(D)
500 to 999 acres ..... farms..	-	-	-	-	1	-	3	1
..... acres irrigated..	-	-	-	-	(D)	-	499	(D)
1,000 to 1,999 acres ..... farms..	-	1	1	-	-	-	-	1
..... acres irrigated..	-	(D)	(D)	-	-	-	-	(D)
2,000 acres or more ..... farms..	-	-	-	-	-	1	1	-
..... acres irrigated..	-	-	-	-	-	(D)	(D)	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
10 to 49 acres ..... farms..	-	1	2	1	-	-	-	-
..... acres irrigated..	-	(D)	(D)	(D)	-	-	-	-
50 to 69 acres ..... farms..	-	-	-	-	-	-	1	-
..... acres irrigated..	-	-	-	-	-	-	(D)	-
70 to 99 acres ..... farms..	-	1	-	-	-	-	-	-
..... acres irrigated..	-	(D)	-	-	-	-	-	-
100 to 139 acres ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
140 to 179 acres ..... farms..	-	-	-	1	-	3	-	-
..... acres irrigated..	-	-	-	(D)	-	42	-	-
180 to 219 acres ..... farms..	-	1	-	-	-	-	-	-
..... acres irrigated..	-	(D)	-	-	-	-	-	-
220 to 259 acres ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
260 to 499 acres ..... farms..	-	1	-	-	-	-	1	2
..... acres irrigated..	-	(D)	-	-	-	-	(D)	(D)
500 to 999 acres ..... farms..	-	-	2	-	4	-	4	-
..... acres irrigated..	-	-	(D)	-	(D)	-	(D)	-
1,000 to 1,999 acres ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
2,000 acres or more ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms..... number, 1987..	11	9	-	4	3	8	9	78
..... number, 1982..	8	4	1	2	-	6	2	69
Land in irrigated farms..... acres, 1987..	14 045	3 614	-	1 537	321	4 581	971	57 442
..... acres, 1982..	9 722	1 619	(D)	(D)	-	2 970	(D)	48 642
Harvested cropland..... farms, 1987..	11	9	-	4	3	8	9	78
..... farms, 1982..	8	4	1	2	-	6	2	69
..... acres, 1987..	10 957	2 669	-	860	228	3 351	528	44 144
..... acres, 1982..	8 099	1 396	(D)	(D)	-	2 694	(D)	43 562
Other cropland, excluding cropland pastured..... farms, 1987..	10	8	-	2	1	7	1	65
..... farms, 1982..	6	2	-	1	-	2	-	28
..... acres, 1987..	2 009	742	-	(D)	(D)	996	(D)	8 231
..... acres, 1982..	533	(D)	-	(D)	-	(D)	-	922
Pastureland, excluding woodland pastured..... farms, 1987..	3	4	-	1	1	2	3	15
..... farms, 1982..	4	3	-	2	-	-	-	21
..... acres, 1987..	855	146	-	(D)	(D)	(D)	64	1 553
..... acres, 1982..	427	152	-	(D)	-	-	-	2 152
Irrigated land..... acres, 1987..	1 265	599	-	(D)	(D)	586	(D)	15 933
..... acres, 1982..	1 416	501	(D)	(D)	-	772	(D)	15 837
Harvested cropland..... farms, 1987..	11	8	-	4	2	8	9	78
..... farms, 1982..	8	4	1	2	-	6	2	69
..... acres, 1987..	1 265	(D)	(D)	(D)	(D)	586	(D)	15 933
..... acres, 1982..	(D)	501	(D)	(D)	-	772	(D)	(D)
Pastureland and other land..... farms, 1987..	-	2	-	-	1	-	-	-
..... farms, 1982..	1	-	-	-	-	-	-	1
..... acres, 1987..	(D)	(D)	-	-	(D)	-	-	(D)
..... acres, 1982..	-	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres..... farms..	-	1	-	2	1	1	4	-
..... acres irrigated..	-	(D)	-	(D)	(D)	(D)	3	-
10 to 49 acres..... farms..	2	1	-	-	-	-	3	3
..... acres irrigated..	(D)	(D)	-	-	-	-	6	43
50 to 69 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
70 to 99 acres..... farms..	-	-	-	-	1	-	1	2
..... acres irrigated..	-	-	-	-	(D)	-	(D)	(D)
100 to 139 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
140 to 179 acres..... farms..	-	1	-	-	-	-	-	2
..... acres irrigated..	-	(D)	-	-	-	-	-	(D)
180 to 219 acres..... farms..	-	-	-	-	-	-	-	1
..... acres irrigated..	-	-	-	-	-	-	-	(D)
220 to 259 acres..... farms..	1	-	-	-	1	1	-	6
..... acres irrigated..	(D)	-	-	-	(D)	(D)	-	684
260 to 499 acres..... farms..	1	2	-	1	-	2	-	16
..... acres irrigated..	(D)	(D)	-	(D)	-	(D)	-	3 249
500 to 999 acres..... farms..	1	4	-	-	-	2	1	33
..... acres irrigated..	(D)	320	-	-	-	(D)	(D)	5 465
1,000 to 1,999 acres..... farms..	5	-	-	1	-	2	-	12
..... acres irrigated..	923	-	-	(D)	-	(D)	-	5 284
2,000 acres or more..... farms..	1	-	-	-	-	-	-	3
..... acres irrigated..	(D)	-	-	-	-	-	-	905
1982 irrigated acres by size of farm:								
1 to 9 acres..... farms..	-	1	1	-	-	1	1	-
..... acres irrigated..	-	(D)	(D)	-	-	(D)	(D)	-
10 to 49 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
50 to 69 acres..... farms..	-	-	-	-	-	-	-	1
..... acres irrigated..	-	-	-	-	-	-	-	(D)
70 to 99 acres..... farms..	-	-	-	1	-	-	-	1
..... acres irrigated..	-	-	-	(D)	-	-	-	(D)
100 to 139 acres..... farms..	-	-	-	-	-	-	-	2
..... acres irrigated..	-	-	-	-	-	-	-	(D)
140 to 179 acres..... farms..	-	-	-	-	-	1	-	-
..... acres irrigated..	-	-	-	-	-	(D)	-	-
180 to 219 acres..... farms..	-	-	-	-	-	1	-	2
..... acres irrigated..	-	-	-	-	-	(D)	-	(D)
220 to 259 acres..... farms..	-	-	-	-	-	-	-	1
..... acres irrigated..	-	-	-	-	-	-	-	(D)
260 to 499 acres..... farms..	1	2	-	1	-	1	-	17
..... acres irrigated..	(D)	(D)	-	(D)	-	(D)	-	2 646
500 to 999 acres..... farms..	5	1	-	-	-	-	1	30
..... acres irrigated..	963	(D)	-	-	-	-	(D)	6 885
1,000 to 1,999 acres..... farms..	1	-	-	-	-	2	-	14
..... acres irrigated..	(D)	-	-	-	-	(D)	-	4 830
2,000 acres or more..... farms..	1	-	-	-	-	-	-	1
..... acres irrigated..	(D)	-	-	-	-	-	-	(D)

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms..... number, 1987..	2	3	3	-	2	6	10	5
..... 1982..	5	2	2	1	-	2	7	2
Land in irrigated farms..... acres, 1987..	(D)	435	2 117	-	(D)	2 677	1 854	2 316
..... 1982..	600	(D)	(D)	(D)	-	(D)	1 630	(D)
Harvested cropland..... farms, 1987..	2	3	3	-	2	6	10	5
..... 1982..	5	2	2	1	-	2	7	2
..... acres, 1987..	(D)	356	1 657	-	(D)	1 290	1 766	1 222
..... 1982..	353	(D)	(D)	(D)	-	(D)	1 227	(D)
Other cropland, excluding cropland pastured..... farms, 1987..	-	2	3	-	1	-	4	2
..... 1982..	2	2	1	-	-	-	3	1
..... acres, 1987..	-	(D)	387	-	(D)	-	53	(D)
..... 1982..	(D)	(D)	(D)	-	-	-	207	(D)
Pastureland, excluding woodland pastured..... farms, 1987..	-	-	-	-	1	4	-	1
..... 1982..	3	1	1	1	-	1	2	-
..... acres, 1987..	-	-	-	-	(D)	862	-	(D)
..... 1982..	149	(D)	(D)	(D)	-	(D)	(D)	-
Irrigated land..... acres, 1987..	(D)	(D)	261	-	(D)	30	(D)	127
..... 1982..	45	(D)	(D)	(D)	-	(D)	331	(D)
Harvested cropland..... farms, 1987..	2	2	3	-	2	6	9	4
..... 1982..	5	2	2	1	-	2	6	2
..... acres, 1987..	(D)	(D)	261	-	(D)	30	(D)	(D)
..... 1982..	45	(D)	(D)	(D)	-	(D)	(D)	(D)
Pastureland and other land..... farms, 1987..	-	1	-	-	-	-	1	1
..... 1982..	-	-	-	-	-	-	1	-
..... acres, 1987..	-	(D)	-	-	-	-	(D)	(D)
..... 1982..	-	-	-	-	-	-	(D)	-
1987 irrigated acres by size of farm:								
1 to 9 acres..... farms..	-	1	-	-	-	-	1	-
..... acres irrigated..	-	(D)	-	-	-	-	(D)	-
10 to 49 acres..... farms..	-	-	-	-	1	2	3	2
..... acres irrigated..	-	-	-	-	(D)	(D)	15	(D)
50 to 69 acres..... farms..	-	-	-	-	-	-	1	-
..... acres irrigated..	-	-	-	-	-	-	(D)	-
70 to 99 acres..... farms..	-	-	-	-	-	-	3	-
..... acres irrigated..	-	-	-	-	-	-	72	-
100 to 139 acres..... farms..	-	-	-	-	1	1	1	-
..... acres irrigated..	-	-	-	-	(D)	(D)	(D)	-
140 to 179 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
180 to 219 acres..... farms..	-	1	-	-	-	-	-	-
..... acres irrigated..	-	(D)	-	-	-	-	-	-
220 to 259 acres..... farms..	-	1	1	-	-	-	-	-
..... acres irrigated..	-	(D)	(D)	-	-	-	-	-
260 to 499 acres..... farms..	2	-	1	-	-	-	-	2
..... acres irrigated..	(D)	-	(D)	-	-	-	-	(D)
500 to 999 acres..... farms..	-	-	-	-	-	2	-	-
..... acres irrigated..	-	-	-	-	-	(D)	-	-
1,000 to 1,999 acres..... farms..	-	-	1	-	-	1	1	1
..... acres irrigated..	-	-	(D)	-	-	(D)	(D)	(D)
2,000 acres or more..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres..... farms..	2	-	-	-	-	1	-	-
..... acres irrigated..	(D)	-	-	-	-	(D)	-	-
10 to 49 acres..... farms..	-	-	1	-	-	-	1	2
..... acres irrigated..	-	-	(D)	-	-	(D)	(D)	(D)
50 to 69 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
70 to 99 acres..... farms..	1	-	-	-	-	-	1	-
..... acres irrigated..	(D)	-	-	-	-	-	(D)	-
100 to 139 acres..... farms..	-	-	-	-	-	-	2	-
..... acres irrigated..	-	-	-	-	-	-	(D)	-
140 to 179 acres..... farms..	-	1	-	1	-	-	-	-
..... acres irrigated..	-	(D)	-	(D)	-	-	-	-
180 to 219 acres..... farms..	1	-	-	-	-	-	1	-
..... acres irrigated..	(D)	-	-	-	-	-	(D)	-
220 to 259 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
260 to 499 acres..... farms..	1	-	1	-	-	-	-	-
..... acres irrigated..	(D)	-	(D)	-	-	-	-	-
500 to 999 acres..... farms..	-	1	-	-	-	-	2	-
..... acres irrigated..	-	(D)	-	-	-	-	(D)	-
1,000 to 1,999 acres..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
2,000 acres or more..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms ..... number, 1987 .....	17	1	-	7	14	18	17	1
..... number, 1982 .....	3	1	1	5	4	12	14	-
Land in irrigated farms ..... acres, 1987 .....	1 259	(D)	-	2 754	5 359	1 473	8 483	(D)
..... acres, 1982 .....	758	(D)	(D)	2 906	193	484	6 244	-
Harvested cropland ..... farms, 1987 .....	17	1	-	7	14	18	17	1
..... farms, 1982 .....	3	1	1	5	4	12	14	-
..... acres, 1987 .....	606	(D)	-	2 091	3 151	1 057	6 428	(D)
..... acres, 1982 .....	577	(D)	(D)	2 714	138	258	5 226	-
Other cropland, excluding cropland pastured ..... farms, 1987 .....	8	-	-	6	8	6	10	1
..... farms, 1982 .....	1	1	-	3	-	3	6	-
..... acres, 1987 .....	109	-	-	547	407	196	1 316	(D)
..... acres, 1982 .....	(D)	(D)	-	81	-	54	395	-
Pastureland, excluding woodland pastured ..... farms, 1987 .....	4	1	-	1	8	2	5	1
..... farms, 1982 .....	-	-	1	2	1	4	7	-
..... acres, 1987 .....	91	(D)	(D)	(D)	1 351	(D)	192	(D)
..... acres, 1982 .....	-	-	(D)	(D)	(D)	76	114	-
Irrigated land ..... acres, 1987 .....	152	(D)	-	450	506	231	3 447	(D)
..... acres, 1982 .....	5	(D)	(D)	590	(D)	189	3 277	-
Harvested cropland ..... farms, 1987 .....	17	1	-	7	14	16	17	1
..... farms, 1982 .....	3	1	1	5	4	12	14	-
..... acres, 1987 .....	152	(D)	(D)	450	(D)	(D)	(D)	(D)
..... acres, 1982 .....	5	(D)	(D)	590	(D)	(D)	(D)	-
Pastureland and other land ..... farms, 1987 .....	-	-	-	-	1	2	1	-
..... farms, 1982 .....	-	-	-	-	-	1	1	-
..... acres, 1987 .....	-	-	-	-	(D)	(D)	(D)	-
..... acres, 1982 .....	-	-	-	-	-	(D)	(D)	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms .....	4	-	-	-	1	5	-	-
..... acres irrigated .....	6	-	-	-	(D)	6	-	-
10 to 49 acres ..... farms .....	4	-	-	-	3	9	3	-
..... acres irrigated .....	34	-	-	-	33	88	23	-
50 to 69 acres ..... farms .....	2	-	-	-	-	-	-	-
..... acres irrigated .....	(D)	-	-	-	-	-	-	-
70 to 99 acres ..... farms .....	2	1	-	-	1	1	3	-
..... acres irrigated .....	(D)	(D)	-	-	(D)	(D)	106	-
100 to 139 acres ..... farms .....	4	-	-	1	-	1	-	-
..... acres irrigated .....	11	-	-	(D)	-	(D)	-	-
140 to 179 acres ..... farms .....	-	-	-	-	2	-	1	1
..... acres irrigated .....	-	-	-	-	(D)	-	(D)	(D)
180 to 219 acres ..... farms .....	-	-	-	-	-	1	-	-
..... acres irrigated .....	-	-	-	-	-	(D)	-	-
220 to 259 acres ..... farms .....	-	-	-	1	-	-	1	-
..... acres irrigated .....	-	-	-	(D)	-	-	(D)	-
260 to 499 acres ..... farms .....	1	-	-	3	2	-	3	-
..... acres irrigated .....	(D)	-	-	184	(D)	-	178	-
500 to 999 acres ..... farms .....	-	-	-	2	4	1	2	-
..... acres irrigated .....	-	-	-	(D)	185	(D)	(D)	-
1,000 to 1,999 acres ..... farms .....	-	-	-	-	1	-	4	-
..... acres irrigated .....	-	-	-	-	(D)	-	-	-
2,000 acres or more ..... farms .....	-	-	-	-	-	-	1 890	-
..... acres irrigated .....	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms .....	1	-	-	-	2	4	-	-
..... acres irrigated .....	(D)	-	-	-	(D)	5	-	-
10 to 49 acres ..... farms .....	-	-	-	-	1	3	1	-
..... acres irrigated .....	-	-	-	-	(D)	30	(D)	-
50 to 69 acres ..... farms .....	1	-	-	-	-	2	2	-
..... acres irrigated .....	(D)	-	-	-	-	(D)	(D)	-
70 to 99 acres ..... farms .....	-	-	-	-	-	2	2	-
..... acres irrigated .....	-	-	-	-	-	(D)	(D)	-
100 to 139 acres ..... farms .....	-	-	-	-	-	1	-	-
..... acres irrigated .....	-	-	-	-	-	(D)	-	-
140 to 179 acres ..... farms .....	-	-	-	-	1	-	2	-
..... acres irrigated .....	-	-	-	-	(D)	-	(D)	-
180 to 219 acres ..... farms .....	-	-	-	-	-	-	-	-
..... acres irrigated .....	-	-	-	-	-	-	-	-
220 to 259 acres ..... farms .....	-	1	-	1	-	-	1	-
..... acres irrigated .....	-	(D)	-	(D)	-	-	(D)	-
260 to 499 acres ..... farms .....	-	-	1	3	-	-	2	-
..... acres irrigated .....	-	-	(D)	(D)	-	-	(D)	-
500 to 999 acres ..... farms .....	1	-	-	-	-	-	3	-
..... acres irrigated .....	(D)	-	-	-	-	-	992	-
1,000 to 1,999 acres ..... farms .....	-	-	-	1	-	-	-	-
..... acres irrigated .....	-	-	-	(D)	-	-	-	-
2,000 acres or more ..... farms .....	-	-	-	-	-	-	1	-
..... acres irrigated .....	-	-	-	-	-	-	(D)	-

Table 7. Irrigation: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms ..... number, 1987 ..	16	6	3	10	8	4	7	90
..... 1982 ..	14	-	2	5	8	6	3	73
Land in irrigated farms ..... acres, 1987 ..	6 528	370	1 064	697	1 011	2 127	2 818	77 429
..... 1982 ..	3 331	-	(D)	259	1 489	5 813	2 240	57 068
Harvested cropland ..... farms, 1987 ..	16	6	3	10	8	4	7	90
..... 1982 ..	14	-	2	5	8	6	3	73
..... acres, 1987 ..	4 203	159	81	405	264	1 669	1 810	60 898
..... 1982 ..	2 549	-	(D)	161	1 320	5 140	1 864	52 401
Other cropland, excluding cropland pastured ..... farms, 1987 ..	14	6	2	5	1	3	7	86
..... 1982 ..	3	-	1	-	3	3	3	34
..... acres, 1987 ..	1 121	62	(D)	74	(D)	322	397	12 820
..... 1982 ..	47	-	(D)	-	108	205	129	1 362
Pastureland, excluding woodland pastured ..... farms, 1987 ..	10	2	-	3	2	1	-	17
..... 1982 ..	10	-	1	3	-	2	1	17
..... acres, 1987 ..	931	(D)	-	137	(D)	(D)	-	1 386
..... 1982 ..	394	-	(D)	23	-	(D)	(D)	1 712
Irrigated land ..... acres, 1987 ..	1 339	14	(D)	74	12	771	828	25 152
..... 1982 ..	1 118	-	(D)	64	10	1 845	(D)	22 010
Harvested cropland ..... farms, 1987 ..	16	5	3	10	7	4	7	90
..... 1982 ..	14	-	2	5	8	6	3	73
..... acres, 1987 ..	1 339	(D)	(D)	74	(D)	771	828	25 152
..... 1982 ..	1 118	-	(D)	64	10	1 845	(D)	22 010
Pastureland and other land ..... farms, 1987 ..	-	1	-	-	1	-	-	-
..... 1982 ..	-	-	-	-	-	-	-	-
..... acres, 1987 ..	-	(D)	-	-	(D)	-	-	-
..... 1982 ..	-	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	-	-	-	3	4	1	-	-
..... acres irrigated ..	-	-	-	3	4	(D)	-	-
10 to 49 acres ..... farms ..	-	4	1	2	3	-	-	-
..... acres irrigated ..	-	(D)	(D)	(D)	(D)	-	-	-
50 to 69 acres ..... farms ..	-	-	-	1	-	-	2	-
..... acres irrigated ..	-	-	-	(D)	-	-	(D)	-
70 to 99 acres ..... farms ..	1	1	1	1	-	-	-	1
..... acres irrigated ..	(D)	(D)	(D)	(D)	-	-	-	(D)
100 to 139 acres ..... farms ..	-	1	-	-	-	-	-	1
..... acres irrigated ..	-	(D)	-	-	-	-	-	(D)
140 to 179 acres ..... farms ..	-	-	-	2	-	-	-	4
..... acres irrigated ..	-	-	-	(D)	-	-	-	311
180 to 219 acres ..... farms ..	2	-	-	1	-	-	-	2
..... acres irrigated ..	(D)	-	-	(D)	-	-	-	(D)
220 to 259 acres ..... farms ..	1	-	-	-	-	-	-	3
..... acres irrigated ..	(D)	-	-	-	-	-	-	287
260 to 499 acres ..... farms ..	7	-	-	-	-	-	3	14
..... acres irrigated ..	747	-	-	-	-	-	144	2 454
500 to 999 acres ..... farms ..	5	-	1	-	1	3	2	35
..... acres irrigated ..	518	-	(D)	-	(D)	(D)	(D)	8 971
1,000 to 1,999 acres ..... farms ..	-	-	-	-	-	-	-	24
..... acres irrigated ..	-	-	-	-	-	-	-	7 360
2,000 acres or more ..... farms ..	-	-	-	-	-	-	-	6
..... acres irrigated ..	-	-	-	-	-	-	-	5 608
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	-	-	-	2	4	-	-	-
..... acres irrigated ..	-	-	-	(D)	4	-	-	-
10 to 49 acres ..... farms ..	2	-	1	1	1	-	-	1
..... acres irrigated ..	(D)	-	(D)	(D)	(D)	-	-	(D)
50 to 69 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
70 to 99 acres ..... farms ..	1	-	-	-	-	-	-	1
..... acres irrigated ..	(D)	-	-	-	-	-	-	(D)
100 to 139 acres ..... farms ..	-	-	-	2	2	-	-	1
..... acres irrigated ..	-	-	-	(D)	(D)	-	-	(D)
140 to 179 acres ..... farms ..	-	-	-	-	-	-	-	2
..... acres irrigated ..	-	-	-	-	-	-	-	(D)
180 to 219 acres ..... farms ..	3	-	-	-	-	-	-	-
..... acres irrigated ..	231	-	-	-	-	-	-	-
220 to 259 acres ..... farms ..	4	-	-	-	-	-	-	3
..... acres irrigated ..	500	-	-	-	-	-	-	550
260 to 499 acres ..... farms ..	3	-	1	-	-	-	-	17
..... acres irrigated ..	165	-	(D)	-	-	-	-	3 587
500 to 999 acres ..... farms ..	1	-	-	-	-	4	3	32
..... acres irrigated ..	(D)	-	-	-	-	(D)	(D)	8 825
1,000 to 1,999 acres ..... farms ..	-	-	-	-	1	2	-	13
..... acres irrigated ..	-	-	-	-	(D)	(D)	-	4 961
2,000 acres or more ..... farms ..	-	-	-	-	-	-	-	3
..... acres irrigated ..	-	-	-	-	-	-	-	3 578

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms..... number, 1987.....	2	2	36	4	11	7	30	14
..... 1982.....	-	1	27	4	13	3	22	17
Land in irrigated farms..... acres, 1987.....	(D)	(D)	9 497	1 537	5 233	4 397	20 562	8 692
..... 1982.....	-	(D)	6 207	1 103	5 724	3 181	14 951	11 169
Harvested cropland..... farms, 1987.....	2	2	36	4	11	7	30	13
..... 1982.....	-	1	27	4	13	3	22	17
..... acres, 1987.....	(D)	(D)	6 922	1 114	4 296	3 560	14 119	4 064
..... 1982.....	-	(D)	5 571	641	4 810	2 450	13 206	7 245
Other cropland, excluding cropland pastured..... farms, 1987.....	2	1	23	3	9	3	26	13
..... 1982.....	-	-	9	-	6	2	17	4
..... acres, 1987.....	(D)	(D)	2 110	287	558	288	4 065	1 309
..... 1982.....	-	-	167	-	257	(D)	700	168
Pastureland, excluding woodland pastured..... farms, 1987.....	2	-	5	1	-	5	11	9
..... 1982.....	-	-	6	1	5	1	6	10
..... acres, 1987.....	(D)	-	97	(D)	-	453	632	2 711
..... 1982.....	-	-	75	(D)	411	(D)	154	2 642
Irrigated land..... acres, 1987.....	(D)	(D)	3 177	8	1 139	1 928	4 713	1 799
..... 1982.....	-	(D)	2 784	(D)	1 743	(D)	3 734	2 987
Harvested cropland..... farms, 1987.....	2	2	35	4	11	7	29	13
..... 1982.....	-	1	26	4	13	2	22	17
..... acres, 1987.....	(D)	(D)	(D)	8	(D)	1 928	(D)	(D)
..... 1982.....	-	(D)	(D)	(D)	1 743	(D)	3 734	2 987
Pastureland and other land..... farms, 1987.....	-	-	2	-	1	-	1	1
..... 1982.....	-	-	2	-	-	1	-	-
..... acres, 1987.....	-	-	(D)	-	(D)	-	(D)	(D)
..... 1982.....	-	-	(D)	-	-	(D)	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres..... farms.....	-	-	4	1	2	-	1	1
..... acres irrigated.....	-	(D)	5	(D)	(D)	-	(D)	(D)
10 to 49 acres..... farms.....	-	-	8	1	-	-	1	-
..... acres irrigated.....	-	-	93	(D)	-	-	(D)	-
50 to 69 acres..... farms.....	-	-	3	-	-	1	1	-
..... acres irrigated.....	-	-	157	-	-	(D)	(D)	-
70 to 99 acres..... farms.....	-	-	-	-	-	-	-	-
..... acres irrigated.....	-	-	-	-	-	-	-	-
100 to 139 acres..... farms.....	-	-	4	-	-	-	-	1
..... acres irrigated.....	-	-	163	-	-	-	-	(D)
140 to 179 acres..... farms.....	-	-	4	-	1	-	1	2
..... acres irrigated.....	-	-	461	-	(D)	-	(D)	(D)
180 to 219 acres..... farms.....	-	-	2	-	-	-	-	-
..... acres irrigated.....	-	-	(D)	-	-	-	-	-
220 to 259 acres..... farms.....	1	-	2	-	3	1	-	2
..... acres irrigated.....	(D)	-	(D)	-	210	(D)	-	(D)
260 to 499 acres..... farms.....	-	-	2	1	-	2	2	1
..... acres irrigated.....	-	-	(D)	(D)	-	(D)	(D)	(D)
500 to 999 acres..... farms.....	1	-	4	-	3	1	20	4
..... acres irrigated.....	(D)	-	851	-	399	(D)	3 067	786
1,000 to 1,999 acres..... farms.....	-	-	3	1	2	2	4	2
..... acres irrigated.....	-	-	656	(D)	(D)	(D)	1 449	(D)
2,000 acres or more..... farms.....	-	-	-	-	-	-	-	1
..... acres irrigated.....	-	-	-	-	-	-	-	(D)
1982 irrigated acres by size of farm:								
1 to 9 acres..... farms.....	-	1	1	-	1	-	-	-
..... acres irrigated.....	-	(D)	(D)	-	(D)	-	-	-
10 to 49 acres..... farms.....	-	-	4	2	-	-	-	-
..... acres irrigated.....	-	-	44	(D)	-	-	-	-
50 to 69 acres..... farms.....	-	-	4	-	-	-	-	-
..... acres irrigated.....	-	-	108	-	-	-	-	-
70 to 99 acres..... farms.....	-	-	-	-	-	-	1	-
..... acres irrigated.....	-	-	-	-	-	-	(D)	-
100 to 139 acres..... farms.....	-	-	2	-	-	-	-	-
..... acres irrigated.....	-	-	(D)	-	-	-	-	-
140 to 179 acres..... farms.....	-	-	6	1	1	-	-	3
..... acres irrigated.....	-	-	569	(D)	(D)	-	-	241
180 to 219 acres..... farms.....	-	-	1	-	-	-	-	-
..... acres irrigated.....	-	-	(D)	-	-	-	-	-
220 to 259 acres..... farms.....	-	-	-	-	-	-	1	-
..... acres irrigated.....	-	-	-	-	-	-	(D)	-
260 to 499 acres..... farms.....	-	-	5	-	6	1	7	3
..... acres irrigated.....	-	-	955	-	819	(D)	(D)	430
500 to 999 acres..... farms.....	-	-	4	1	4	1	8	8
..... acres irrigated.....	-	-	807	(D)	575	(D)	2 128	1 136
1,000 to 1,999 acres..... farms.....	-	-	-	-	1	-	5	2
..... acres irrigated.....	-	-	-	-	(D)	-	806	(D)
2,000 acres or more..... farms.....	-	-	-	-	-	-	-	1
..... acres irrigated.....	-	-	-	-	-	(D)	-	(D)

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms ..... number, 1987 ..	4	12	18	3	2	8	17	3
..... number, 1982 ..	1	6	13	1	-	5	15	-
Land in irrigated farms ..... acres, 1987 ..	1 983	1 046	8 435	392	(D)	2 651	1 283	728
..... acres, 1982 ..	(D)	137	9 289	(D)	-	2 107	1 226	-
Harvested cropland ..... farms, 1987 ..	4	12	18	3	2	8	17	3
..... farms, 1982 ..	1	6	13	1	-	5	15	-
..... acres, 1987 ..	1 682	754	6 815	252	(D)	1 978	833	425
..... acres, 1982 ..	(D)	69	7 610	(D)	-	2 053	980	-
Other cropland, excluding cropland pastured ..... farms, 1987 ..	2	3	6	2	-	4	4	2
..... farms, 1982 ..	1	2	5	-	-	1	5	-
..... acres, 1987 ..	(D)	69	1 311	(D)	-	422	150	(D)
..... acres, 1982 ..	(D)	(D)	530	-	-	(D)	21	-
Pastureland, excluding woodland pastured ..... farms, 1987 ..	-	3	1	-	2	3	4	1
..... farms, 1982 ..	1	-	2	-	-	2	3	-
..... acres, 1987 ..	-	56	(D)	-	(D)	124	25	(D)
..... acres, 1982 ..	(D)	-	(D)	-	-	(D)	135	-
Irrigated land ..... acres, 1987 ..	(D)	(D)	1 984	(D)	(D)	707	202	(D)
..... acres, 1982 ..	(D)	7	1 302	(D)	-	791	158	-
Harvested cropland ..... farms, 1987 ..	4	12	18	3	2	8	17	3
..... farms, 1982 ..	1	5	13	1	-	5	15	-
..... acres, 1987 ..	(D)	(D)	1 984	(D)	(D)	707	202	(D)
..... acres, 1982 ..	(D)	(D)	1 302	(D)	-	791	(D)	-
Pastureland and other land ..... farms, 1987 ..	-	-	-	-	-	-	-	-
..... farms, 1982 ..	-	1	-	-	-	-	2	-
..... acres, 1987 ..	-	-	-	-	-	-	-	-
..... acres, 1982 ..	-	(D)	-	-	-	-	(D)	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	-	7	5	1	-	1	5	1
..... acres irrigated ..	-	8	12	(D)	-	(D)	5	(D)
10 to 49 acres ..... farms ..	-	1	6	1	-	2	7	-
..... acres irrigated ..	-	(D)	32	(D)	-	(D)	48	-
50 to 69 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
70 to 99 acres ..... farms ..	-	1	1	-	1	-	1	-
..... acres irrigated ..	-	(D)	(D)	-	(D)	-	(D)	-
100 to 139 acres ..... farms ..	-	-	-	-	1	-	2	-
..... acres irrigated ..	-	-	-	-	(D)	-	(D)	-
140 to 179 acres ..... farms ..	-	-	-	-	-	-	-	1
..... acres irrigated ..	-	-	-	-	-	-	-	(D)
180 to 219 acres ..... farms ..	-	-	-	-	-	-	1	-
..... acres irrigated ..	-	-	-	-	-	-	(D)	-
220 to 259 acres ..... farms ..	1	1	-	-	-	1	-	-
..... acres irrigated ..	(D)	(D)	-	-	-	(D)	-	-
260 to 499 acres ..... farms ..	1	2	-	1	-	2	-	-
..... acres irrigated ..	(D)	(D)	-	(D)	-	(D)	-	-
500 to 999 acres ..... farms ..	2	-	3	-	-	1	1	1
..... acres irrigated ..	(D)	-	375	-	-	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms ..	-	-	2	-	-	1	-	-
..... acres irrigated ..	-	-	(D)	-	-	(D)	-	-
2,000 acres or more ..... farms ..	-	-	1	-	-	-	-	-
..... acres irrigated ..	-	-	(D)	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	-	4	4	1	-	-	5	-
..... acres irrigated ..	-	(D)	5	(D)	-	-	13	-
10 to 49 acres ..... farms ..	-	1	1	-	-	-	4	-
..... acres irrigated ..	-	(D)	(D)	-	-	-	32	-
50 to 69 acres ..... farms ..	-	-	-	-	-	-	1	-
..... acres irrigated ..	-	-	-	-	-	-	(D)	-
70 to 99 acres ..... farms ..	-	1	-	-	-	-	1	-
..... acres irrigated ..	-	(D)	-	-	-	-	(D)	-
100 to 139 acres ..... farms ..	-	-	-	-	-	-	2	-
..... acres irrigated ..	-	-	-	-	-	-	(D)	-
140 to 179 acres ..... farms ..	-	-	-	-	-	1	-	-
..... acres irrigated ..	-	-	-	-	-	(D)	-	-
180 to 219 acres ..... farms ..	-	-	-	-	-	1	1	-
..... acres irrigated ..	-	-	-	-	-	(D)	(D)	-
220 to 259 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
260 to 499 acres ..... farms ..	-	-	1	-	-	2	-	-
..... acres irrigated ..	-	-	(D)	-	-	(D)	-	-
500 to 999 acres ..... farms ..	1	-	4	-	-	1	1	-
..... acres irrigated ..	(D)	-	440	-	-	(D)	(D)	-
1,000 to 1,999 acres ..... farms ..	-	-	2	-	-	-	-	-
..... acres irrigated ..	-	-	(D)	-	-	-	-	-
2,000 acres or more ..... farms ..	-	-	1	-	-	-	-	-
..... acres irrigated ..	-	-	(D)	-	-	-	-	-

**Table 7. Irrigation: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms ..... number, 1987..	59	15	5	-	2	3	2	7
..... number, 1982..	57	6	2	2	2	-	1	4
Land in irrigated farms ..... acres, 1987..	31 242	3 242	1 428	-	(D)	136	(D)	567
..... acres, 1982..	22 046	3 651	(D)	(D)	(D)	-	(D)	365
Harvested cropland ..... farms, 1987..	58	15	5	-	2	2	2	7
..... farms, 1982..	57	6	2	2	2	-	1	4
..... acres, 1987..	21 288	2 394	897	-	(D)	(D)	(D)	149
..... acres, 1982..	18 555	2 888	(D)	(D)	(D)	-	(D)	334
Other cropland, excluding cropland pastured ..... farms, 1987..	51	10	3	-	1	2	-	5
..... farms, 1982..	22	4	1	1	-	-	-	-
..... acres, 1987..	6 897	333	154	-	(D)	(D)	-	156
..... acres, 1982..	531	231	(D)	(D)	-	-	-	-
Pastureland, excluding woodland pastured ..... farms, 1987..	14	2	3	-	1	1	-	3
..... farms, 1982..	23	3	2	2	-	-	-	1
..... acres, 1987..	1 478	(D)	200	-	(D)	(D)	-	151
..... acres, 1982..	1 703	140	(D)	(D)	-	-	-	(D)
Irrigated land ..... acres, 1987..	8 639	307	(D)	-	(D)	42	(D)	57
..... acres, 1982..	8 977	204	(D)	(D)	(D)	-	(D)	(D)
Harvested cropland ..... farms, 1987..	58	14	5	2	2	1	2	7
..... farms, 1982..	57	6	2	2	2	-	1	4
..... acres, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	57
..... acres, 1982..	(D)	204	(D)	(D)	(D)	-	(D)	(D)
Pastureland and other land ..... farms, 1987..	1	2	1	-	-	2	-	-
..... farms, 1982..	2	-	-	-	-	-	-	-
..... acres, 1987..	(D)	(D)	(D)	-	-	(D)	-	-
..... acres, 1982..	(D)	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	2	2	1	-	1	-	1	2
..... acres irrigated..	(D)	(D)	(D)	-	(D)	-	(D)	(D)
10 to 49 acres ..... farms..	1	5	1	-	-	2	1	1
..... acres irrigated..	(D)	11	(D)	-	-	(D)	(D)	(D)
50 to 69 acres ..... farms..	-	2	-	-	-	-	-	1
..... acres irrigated..	-	(D)	-	-	-	-	-	(D)
70 to 99 acres ..... farms..	4	-	-	-	-	1	-	-
..... acres irrigated..	218	-	-	-	-	(D)	-	-
100 to 139 acres ..... farms..	3	1	-	-	-	-	-	1
..... acres irrigated..	190	(D)	-	-	-	-	-	(D)
140 to 179 acres ..... farms..	3	1	-	-	-	-	-	1
..... acres irrigated..	220	(D)	-	-	-	-	-	(D)
180 to 219 acres ..... farms..	1	1	-	-	-	-	-	1
..... acres irrigated..	(D)	(D)	-	-	-	-	-	(D)
220 to 259 acres ..... farms..	3	1	-	-	-	-	-	-
..... acres irrigated..	351	(D)	-	-	-	-	-	-
260 to 499 acres ..... farms..	18	-	2	-	1	-	-	-
..... acres irrigated..	2 159	-	(D)	-	(D)	-	-	-
500 to 999 acres ..... farms..	16	1	1	-	-	-	-	-
..... acres irrigated..	3 338	(D)	(D)	-	-	-	-	-
1,000 to 1,999 acres ..... farms..	8	1	-	-	-	-	-	-
..... acres irrigated..	2 020	(D)	-	-	-	-	-	-
2,000 acres or more ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms..	-	-	-	-	2	-	-	1
..... acres irrigated..	-	-	-	-	(D)	-	-	(D)
10 to 49 acres ..... farms..	3	3	-	-	-	-	-	1
..... acres irrigated..	10	12	-	-	-	-	-	(D)
50 to 69 acres ..... farms..	-	-	-	-	-	-	-	-
..... acres irrigated..	-	-	-	-	-	-	-	-
70 to 99 acres ..... farms..	2	-	-	-	-	-	1	1
..... acres irrigated..	(D)	-	-	-	-	-	(D)	(D)
100 to 139 acres ..... farms..	1	-	-	-	-	-	-	-
..... acres irrigated..	(D)	-	-	-	-	-	-	-
140 to 179 acres ..... farms..	4	1	-	-	-	-	-	-
..... acres irrigated..	364	(D)	-	-	-	-	-	-
180 to 219 acres ..... farms..	4	1	-	1	-	-	-	-
..... acres irrigated..	530	(D)	-	(D)	-	-	-	-
220 to 259 acres ..... farms..	9	-	-	-	-	-	-	1
..... acres irrigated..	1 109	-	-	-	-	-	-	(D)
260 to 499 acres ..... farms..	20	-	-	1	-	-	-	-
..... acres irrigated..	3 738	-	-	(D)	-	-	-	-
500 to 999 acres ..... farms..	13	-	1	-	-	-	-	-
..... acres irrigated..	3 041	-	(D)	-	-	-	-	-
1,000 to 1,999 acres ..... farms..	1	-	-	-	-	-	-	-
..... acres irrigated..	(D)	-	-	-	-	-	-	-
2,000 acres or more ..... farms..	-	1	1	-	-	-	-	-
..... acres irrigated..	-	(D)	(D)	-	-	-	-	-

Table 7. Irrigation: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms ..... number, 1987 ..	7	-	4	2	2	25	3	4
..... number, 1982 ..	6	2	4	2	3	28	6	2
Land in irrigated farms ..... acres, 1987 ..	190	-	187	(D)	(D)	18 468	1 498	722
..... acres, 1982 ..	296	(D)	228	(D)	1 374	22 987	2 359	(D)
Harvested cropland ..... farms, 1987 ..	7	-	4	2	2	25	3	4
..... farms, 1982 ..	6	2	4	2	3	28	6	2
..... acres, 1987 ..	60	-	161	(D)	(D)	14 069	1 180	402
..... acres, 1982 ..	278	(D)	170	(D)	1 140	20 259	2 027	(D)
Other cropland, excluding cropland pastured ..... farms, 1987 ..	2	-	1	1	1	19	2	4
..... farms, 1982 ..	1	-	-	-	-	10	5	1
..... acres, 1987 ..	(D)	-	(D)	(D)	(D)	3 517	(D)	116
..... acres, 1982 ..	(D)	-	-	-	-	732	210	(D)
Pastureland, excluding woodland pastured ..... farms, 1987 ..	2	-	-	-	-	4	-	1
..... farms, 1982 ..	-	1	1	1	3	12	2	-
..... acres, 1987 ..	(D)	-	-	-	-	322	-	(D)
..... acres, 1982 ..	-	(D)	(D)	(D)	(D)	900	(D)	-
Irrigated land ..... acres, 1987 ..	48	-	(D)	(D)	(D)	4 930	(D)	(D)
..... acres, 1982 ..	27	(D)	(D)	(D)	(D)	8 372	399	(D)
Harvested cropland ..... farms, 1987 ..	7	-	4	2	2	25	3	4
..... farms, 1982 ..	5	2	4	2	3	28	6	2
..... acres, 1987 ..	48	-	(D)	(D)	(D)	4 930	(D)	(D)
..... acres, 1982 ..	(D)	(D)	(D)	(D)	(D)	8 372	399	(D)
Pastureland and other land ..... farms, 1987 ..	-	-	-	1	-	-	-	1
..... farms, 1982 ..	1	-	-	-	-	-	-	-
..... acres, 1987 ..	-	-	-	(D)	-	-	-	(D)
..... acres, 1982 ..	(D)	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	3	-	2	1	1	4	1	-
..... acres irrigated ..	15	-	(D)	(D)	(D)	4	(D)	-
10 to 49 acres ..... farms ..	3	-	-	-	-	-	-	1
..... acres irrigated ..	(D)	-	-	-	-	-	-	(D)
50 to 69 acres ..... farms ..	1	-	1	-	-	2	-	-
..... acres irrigated ..	(D)	-	(D)	-	-	(D)	-	-
70 to 99 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
100 to 139 acres ..... farms ..	-	-	1	1	-	1	-	2
..... acres irrigated ..	-	-	(D)	(D)	-	(D)	-	(D)
140 to 179 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
180 to 219 acres ..... farms ..	-	-	-	-	-	-	-	-
..... acres irrigated ..	-	-	-	-	-	-	-	-
220 to 259 acres ..... farms ..	-	-	-	-	-	1	-	-
..... acres irrigated ..	-	-	-	-	-	(D)	-	-
260 to 499 acres ..... farms ..	-	-	-	-	-	4	-	1
..... acres irrigated ..	-	-	-	-	-	1 212	-	(D)
500 to 999 acres ..... farms ..	-	-	-	-	-	5	2	-
..... acres irrigated ..	-	-	-	-	-	1 076	(D)	-
1,000 to 1,999 acres ..... farms ..	-	-	-	-	1	6	-	-
..... acres irrigated ..	-	-	-	-	(D)	1 067	-	-
2,000 acres or more ..... farms ..	-	-	-	-	-	2	-	-
..... acres irrigated ..	-	-	-	-	-	(D)	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms ..	3	-	1	1	-	1	-	-
..... acres irrigated ..	4	-	(D)	(D)	-	(D)	-	-
10 to 49 acres ..... farms ..	-	1	1	1	-	1	-	2
..... acres irrigated ..	-	(D)	(D)	(D)	-	(D)	-	(D)
50 to 69 acres ..... farms ..	-	-	-	-	1	1	1	-
..... acres irrigated ..	-	-	-	-	(D)	(D)	(D)	-
70 to 99 acres ..... farms ..	2	-	1	-	-	-	-	-
..... acres irrigated ..	(D)	-	(D)	-	-	-	-	-
100 to 139 acres ..... farms ..	1	-	-	-	-	1	-	-
..... acres irrigated ..	(D)	-	(D)	-	-	(D)	-	-
140 to 179 acres ..... farms ..	-	-	-	-	-	1	2	-
..... acres irrigated ..	-	-	-	-	-	(D)	(D)	-
180 to 219 acres ..... farms ..	-	-	-	-	-	1	-	-
..... acres irrigated ..	-	-	-	-	-	(D)	-	-
220 to 259 acres ..... farms ..	-	-	-	-	-	1	-	-
..... acres irrigated ..	-	-	-	-	-	(D)	-	-
260 to 499 acres ..... farms ..	-	1	-	-	1	7	-	-
..... acres irrigated ..	-	(D)	-	-	(D)	2 130	-	-
500 to 999 acres ..... farms ..	-	-	-	-	1	7	3	-
..... acres irrigated ..	-	-	-	-	(D)	1 492	390	-
1,000 to 1,999 acres ..... farms ..	-	-	-	-	-	4	-	-
..... acres irrigated ..	-	-	-	-	-	1 627	-	-
2,000 acres or more ..... farms ..	-	-	-	-	-	3	-	-
..... acres irrigated ..	-	-	-	-	-	2 870	-	-

**Table 8. Machinery and Equipment on Place: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>VALUE OF MACHINERY AND EQUIPMENT</b>							
Estimated market value of all machinery and equipment ----- farms, 1987..	104 901	971	681	1 061	884	844	1 430
----- farms, 1982..	115 266	1 065	737	1 134	893	905	1 585
\$1,000, 1987..	5 543 375	49 068	25 715	57 082	27 244	45 383	79 206
----- dollars, 1982..	6 731 271	52 001	35 340	66 402	24 852	50 910	97 917
Average per farm ----- dollars, 1987..	52 844	50 533	37 760	53 800	30 819	53 771	55 389
----- dollars, 1982..	58 398	48 827	47 952	58 556	27 829	56 254	61 778
<b>Farms by value group:</b>							
\$1 to \$9,999 ----- farms, 1987..	19 531	139	162	197	247	180	166
----- farms, 1982..	19 951	114	96	113	294	136	270
\$10,000 to \$19,999 ----- farms, 1987..	15 609	166	182	167	214	95	258
----- farms, 1982..	15 825	144	160	237	226	142	229
\$20,000 to \$29,999 ----- farms, 1987..	12 464	146	56	61	119	142	153
----- farms, 1982..	13 511	155	94	133	76	106	142
\$30,000 to \$49,999 ----- farms, 1987..	16 318	167	72	262	165	131	229
----- farms, 1982..	16 793	280	153	118	171	169	234
\$50,000 to \$69,999 ----- farms, 1987..	12 639	139	89	106	28	73	235
----- farms, 1982..	14 008	147	80	192	37	94	189
\$70,000 to \$99,999 ----- farms, 1987..	10 272	55	55	79	37	59	140
----- farms, 1982..	12 006	87	47	121	46	85	197
\$100,000 to \$199,999 ----- farms, 1987..	14 193	145	55	156	54	118	216
----- farms, 1982..	17 527	100	84	159	28	149	245
\$200,000 or more ----- farms, 1987..	3 875	14	10	33	20	46	33
----- farms, 1982..	5 645	38	23	61	15	44	79
\$200,000 to \$499,999 ----- farms, 1987..	3 763	12	10	25	20	45	32
----- farms, 1982..	112	2	-	8	-	1	1
<b>SELECTED MACHINERY AND EQUIPMENT</b>							
Motortrucks, including pickups ----- farms, 1987..	93 674	855	630	949	790	684	1 330
----- farms, 1982..	101 739	1 002	679	1 016	736	822	1 408
number, 1987..	143 433	1 262	986	1 273	1 118	1 067	1 967
----- number, 1982..	147 663	1 299	1 064	1 303	994	1 192	1 992
Wheel tractors ----- farms, 1987..	97 120	932	624	1 031	772	764	1 377
----- farms, 1982..	104 017	980	700	1 008	759	798	1 464
number, 1987..	302 392	2 609	1 582	3 519	1 751	2 441	4 300
----- number, 1982..	305 334	2 842	1 898	3 265	1 692	2 459	4 441
Less than 40 horsepower (PTO) ----- farms, 1987..	48 200	393	290	600	288	349	695
----- farms, 1982..	79 062	629	459	1 056	413	569	990
40 horsepower (PTO) or more ----- farms, 1987..	85 755	832	555	889	660	693	1 262
----- farms, 1982..	223 330	1 980	1 123	2 463	1 338	1 872	3 310
Grain and bean combines <sup>1</sup> ----- farms, 1987..	55 575	466	318	454	300	432	766
----- farms, 1982..	54 993	533	353	354	275	456	876
number, 1987..	60 004	473	347	455	399	452	801
----- number, 1982..	57 726	589	364	354	283	487	906
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
number, 1987..	-	-	-	-	-	-	-
----- number, 1982..	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	29 756	281	183	803	335	197	385
----- farms, 1982..	27 138	388	208	702	230	193	382
number, 1987..	31 333	291	190	841	363	204	396
----- number, 1982..	28 401	417	209	726	230	216	388
Pickup balers ----- farms, 1987..	40 640	437	261	832	467	263	644
----- farms, 1982..	43 063	528	400	807	424	297	659
number, 1987..	46 867	529	321	1 068	578	286	738
----- number, 1982..	47 776	631	507	961	518	331	752
<b>1987 INVENTORY</b>							
<b>Manufactured 1983 to 1987:</b>							
Motortrucks, including pickups ----- farms..	26 088	266	126	230	178	211	319
----- number..	28 331	312	130	234	196	256	348
Wheel tractors ----- farms..	12 351	93	21	105	57	124	203
----- number..	17 313	123	29	197	58	207	266
Less than 40 horsepower (PTO) ----- farms..	2 808	22	1	11	-	31	50
----- number..	3 191	22	(D)	12	-	034	-
40 horsepower (PTO) or more ----- farms..	46 231	378	289	600	288	319	654
----- number..	75 871	607	(D)	1 044	413	537	937
Grain and bean combines ----- farms..	83 540	807	548	854	649	644	1 245
----- number..	209 208	1 879	(D)	2 278	1 280	1 697	3 097
Cottonpickers and strippers ----- farms..	49 234	372	236	415	275	362	679
----- number..	53 158	379	263	416	347	380	696
Mower conditioners ----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Pickup balers ----- farms..	25 638	222	168	644	271	164	355
----- number..	26 932	225	175	680	299	165	365
number, 1987..	38 284	393	252	766	454	250	620
----- number, 1982..	43 248	457	311	938	550	273	694

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>VALUE OF MACHINERY AND EQUIPMENT</b>							
Estimated market value of all machinery and equipment							
farms, 1987	1 264	1 029	1 140	1 331	1 097	1 294	992
1982	1 352	1 153	1 287	1 403	1 185	1 466	1 164
\$1,000, 1987	65 952	57 799	57 864	67 189	67 354	65 791	60 596
1982	80 318	73 228	67 711	83 948	80 144	84 244	75 703
Average per farm	52 177	56 170	50 758	50 480	61 398	50 843	61 085
1982	59 407	63 511	52 612	59 835	67 632	57 465	65 037
<b>Farms by value group:</b>							
\$1 to \$9,999	297	160	238	282	140	282	186
1982	279	214	241	228	118	262	148
\$10,000 to \$19,999	186	169	187	240	156	174	143
1982	185	143	200	258	108	202	99
\$20,000 to \$29,999	158	139	134	120	143	175	56
1982	183	134	164	120	136	128	156
\$30,000 to \$49,999	169	129	113	260	146	210	116
1982	167	110	254	206	222	225	180
\$50,000 to \$69,999	133	108	160	125	141	104	145
1982	173	122	99	195	146	249	132
\$70,000 to \$99,999	119	87	97	77	130	139	117
1982	100	131	107	130	139	95	157
\$100,000 to \$199,999	140	211	187	174	195	163	176
1982	155	236	147	173	270	237	235
\$200,000 or more	62	26	24	53	46	47	53
1982	110	63	75	93	46	68	57
\$200,000 to \$499,999	61	25	24	52	46	46	53
1982	1	1	-	1	-	1	-
\$500,000 or more							
<b>SELECTED MACHINERY AND EQUIPMENT</b>							
Motortrucks, including pickups							
farms, 1987	1 116	939	986	1 081	985	1 098	886
1982	1 257	1 029	1 141	1 177	1 062	1 234	1 049
number, 1987	1 851	1 488	1 423	1 562	1 560	1 528	1 408
1982	1 831	1 566	1 480	1 708	1 574	1 601	1 614
Wheel tractors							
farms, 1987	1 155	947	1 045	1 236	989	1 182	937
1982	1 232	1 070	1 221	1 322	1 122	1 305	993
number, 1987	3 566	3 034	3 340	3 748	3 276	3 804	3 096
1982	3 523	3 158	3 420	3 770	3 467	3 846	2 959
Less than 40 horsepower (PTO)							
farms, 1987	677	463	621	556	521	610	442
1982	1 161	812	1 145	925	895	1 036	823
40 horsepower (PTO) or more							
farms, 1987	975	875	882	1 115	893	1 021	837
1982	2 405	2 222	2 195	2 823	2 381	2 768	2 273
Grain and bean combines <sup>1</sup>							
farms, 1987	634	635	600	665	657	783	568
1982	592	590	548	634	694	766	668
number, 1987	680	650	620	740	710	816	606
1982	670	598	555	662	723	807	703
Cottonpickers and strippers							
farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Mower conditioners							
farms, 1987	344	166	341	327	137	428	182
1982	268	172	301	335	193	290	112
number, 1987	351	174	359	327	146	437	205
1982	287	176	301	345	199	296	119
Pickup balers							
farms, 1987	452	280	532	495	229	682	268
1982	382	231	517	513	226	601	230
number, 1987	502	323	567	576	233	734	284
1982	398	283	525	595	234	616	265
<b>1987 INVENTORY</b>							
<b>Manufactured 1983 to 1987:</b>							
Motortrucks, including pickups							
farms	346	250	291	267	190	257	227
number	382	263	307	284	225	269	245
Wheel tractors							
farms	115	138	149	167	154	149	126
number	149	169	179	219	217	179	158
Less than 40 horsepower (PTO)							
farms	31	19	20	38	51	31	33
number	32	19	21	53	56	34	37
40 horsepower (PTO) or more							
farms	106	120	138	138	120	118	109
number	117	150	158	166	161	145	121
Grain and bean combines							
farms	72	77	118	83	49	122	55
number	74	77	118	85	53	122	55
Cottonpickers and strippers							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners							
farms	58	17	38	51	16	77	18
number	58	17	38	51	16	77	27
Pickup balers							
farms	21	12	33	48	8	53	13
number	21	12	33	56	8	53	13
<b>Manufactured prior to 1983:</b>							
Motortrucks, including pickups							
farms	973	825	774	926	897	942	738
number	1 469	1 205	1 116	1 278	1 335	1 259	1 163
Wheel tractors							
farms	1 127	934	1 015	1 200	954	1 166	929
number	3 417	2 865	3 161	3 529	3 059	3 625	2 938
Less than 40 horsepower (PTO)							
farms	648	462	613	540	480	583	434
number	1 129	793	1 124	872	839	1 002	786
40 horsepower (PTO) or more							
farms	947	858	836	1 085	863	1 008	813
number	2 288	2 072	2 037	2 657	2 220	2 623	2 152
Grain and bean combines							
farms	563	561	484	583	612	663	526
number	606	573	502	655	657	694	551
Cottonpickers and strippers							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners							
farms	286	149	303	276	121	352	166
number	293	157	321	276	130	360	178
Pickup balers							
farms	432	269	505	461	222	643	256
number	481	311	534	520	225	681	271

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>VALUE OF MACHINERY AND EQUIPMENT</b>							
Estimated market value of all machinery and equipment ----- farms, 1987..	1 314	942	1 170	922	1 091	1 054	693
1982..	1 396	1 087	1 323	1 033	1 214	1 180	766
\$1,000, 1987..	66 718	46 846	71 998	60 390	58 070	53 539	22 133
1982..	75 245	62 542	97 201	73 229	71 719	62 389	31 864
Average per farm ----- dollars, 1987..	50 775	49 730	61 537	65 498	53 227	50 796	31 938
1982..	53 901	57 537	73 470	70 889	59 077	52 872	41 599
<b>Farms by value group:</b>							
\$1 to \$9,999 ----- 1987..	214	208	215	136	111	162	159
1982..	163	243	204	145	146	215	201
\$10,000 to \$19,999 ----- 1987..	177	137	69	73	181	172	187
1982..	193	93	120	99	194	162	128
\$20,000 to \$29,999 ----- 1987..	159	121	150	94	106	94	112
1982..	168	184	130	149	45	194	79
\$30,000 to \$49,999 ----- 1987..	238	140	179	191	231	210	84
1982..	270	125	191	134	233	228	106
\$50,000 to \$69,999 ----- 1987..	160	116	166	145	175	130	58
1982..	232	137	128	118	151	91	102
\$70,000 to \$99,999 ----- 1987..	201	65	115	85	113	141	45
1982..	146	77	181	113	171	98	50
\$100,000 to \$199,999 ----- 1987..	115	130	234	133	154	124	42
1982..	188	155	267	198	237	138	83
\$200,000 or more ----- 1987..	50	25	42	65	20	21	6
1982..	36	73	102	77	37	54	17
\$200,000 to \$499,999 ----- 1987..	49	24	41	62	20	20	6
1982..	1	1	1	3	-	1	-
\$500,000 or more ----- 1987..							
<b>SELECTED MACHINERY AND EQUIPMENT</b>							
Motortrucks, including pickups ----- farms, 1987..	1 108	830	1 114	840	1 005	924	605
1982..	1 205	938	1 210	865	1 033	1 059	700
number, 1987..	1 525	1 292	1 697	1 488	1 430	1 290	861
1982..	1 729	1 396	1 637	1 281	1 444	1 367	986
Wheel tractors ----- farms, 1987..	1 175	879	1 134	852	1 029	971	633
1982..	1 284	982	1 218	979	1 129	1 015	680
number, 1987..	3 968	2 615	3 603	2 747	3 114	3 238	1 560
1982..	3 809	2 640	3 626	2 819	3 449	3 208	1 604
Less than 40 horsepower (PTO) ----- farms, 1987..	548	443	459	440	421	515	291
1982..	1 001	660	739	782	621	893	532
40 horsepower (PTO) or more ----- farms, 1987..	1 090	770	1 032	756	962	909	530
1982..	2 967	1 955	2 864	1 965	2 493	2 345	1 028
Grain and bean combines <sup>1</sup> ----- farms, 1987..	837	562	677	550	610	610	296
1982..	710	606	597	547	615	579	263
number, 1987..	877	626	690	615	677	644	302
1982..	747	627	606	576	631	609	272
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
number, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	275	191	235	137	187	390	246
1982..	267	303	260	117	206	340	269
number, 1987..	290	216	248	157	193	423	250
1982..	277	303	265	118	215	365	269
Pickup balers ----- farms, 1987..	324	312	500	273	333	489	335
1982..	373	367	556	269	398	542	399
number, 1987..	343	375	566	322	351	548	382
1982..	390	454	634	285	422	560	434
<b>1987 INVENTORY</b>							
<b>Manufactured 1983 to 1987:</b>							
Motortrucks, including pickups ----- farms..	340	284	447	228	247	197	111
number..	350	303	514	239	266	210	123
Wheel tractors ----- farms..	150	123	266	113	137	88	43
number..	202	173	449	164	221	123	68
Less than 40 horsepower (PTO) ----- farms..	39	57	80	18	44	4	13
number..	40	58	80	18	52	5	17
40 horsepower (PTO) or more ----- farms..	114	96	217	100	129	86	39
number..	162	115	369	146	169	118	51
Grain and bean combines ----- farms..	84	79	121	97	95	53	10
number..	84	80	121	99	96	54	11
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Mower conditioners ----- farms..	46	33	36	6	13	25	30
number..	46	33	36	6	14	25	34
Pickup balers ----- farms..	35	15	35	8	10	42	32
number..	35	15	42	10	10	42	32
<b>Manufactured prior to 1983:</b>							
Motortrucks, including pickups ----- farms..	857	681	844	730	851	795	554
number..	1 175	989	1 183	1 249	1 164	1 080	738
Wheel tractors ----- farms..	1 154	854	1 019	828	976	955	629
number..	3 766	2 442	3 154	2 583	2 893	3 115	1 482
Less than 40 horsepower (PTO) ----- farms..	538	400	381	424	379	512	287
number..	961	602	659	764	569	888	515
40 horsepower (PTO) or more ----- farms..	1 067	752	964	744	916	891	530
number..	2 805	1 840	2 495	1 819	2 324	2 227	977
Grain and bean combines ----- farms..	756	494	557	454	567	564	286
number..	793	546	569	516	581	590	291
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Mower conditioners ----- farms..	231	165	211	131	174	366	216
number..	244	183	212	151	179	398	216
Pickup balers ----- farms..	291	297	472	266	325	473	312
number..	308	360	524	312	341	506	350

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>VALUE OF MACHINERY AND EQUIPMENT</b>							
Estimated market value of all machinery and equipment ----- farms, 1987..	877	1 706	1 432	1 339	1 081	921	703
----- farms, 1982..	1 045	1 725	1 558	1 511	1 208	954	789
----- \$1,000, 1987..	56 785	98 431	70 612	65 387	62 058	28 106	21 353
----- farms, 1982..	73 975	105 910	102 096	74 146	68 781	35 798	28 967
Average per farm ----- dollars, 1987..	64 749	57 697	49 310	48 833	57 408	30 517	30 374
----- farms, 1982..	70 790	61 397	65 530	49 071	56 938	37 525	37 669
<b>Farms by value group:</b>							
\$1 to \$9,999 ----- farms, 1987..	87	303	255	201	290	265	265
----- farms, 1982..	152	247	213	176	296	261	184
\$10,000 to \$19,999 ----- farms, 1987..	146	212	285	221	122	196	88
----- farms, 1982..	115	241	178	193	172	211	183
\$20,000 to \$29,999 ----- farms, 1987..	74	181	181	172	105	180	104
----- farms, 1982..	105	161	203	360	142	187	98
\$30,000 to \$49,999 ----- farms, 1987..	140	269	240	254	171	139	122
----- farms, 1982..	140	291	294	243	87	108	106
\$50,000 to \$69,999 ----- farms, 1987..	138	170	143	186	105	33	52
----- farms, 1982..	111	228	190	233	152	46	72
\$70,000 to \$99,999 ----- farms, 1987..	70	215	139	107	53	44	24
----- farms, 1982..	142	244	112	107	142	38	56
\$100,000 to \$199,999 ----- farms, 1987..	190	305	126	163	171	58	37
----- farms, 1982..	202	190	274	155	137	76	52
\$200,000 or more ----- farms, 1987..	32	51	63	35	64	6	11
----- farms, 1982..	78	123	94	44	80	27	18
\$200,000 to \$499,999 ----- farms, 1987..	31	49	56	35	62	5	11
----- farms, 1982..	1	2	7	-	2	1	-
<b>SELECTED MACHINERY AND EQUIPMENT</b>							
Motortrucks, including pickups ----- farms, 1987..	827	1 527	1 275	1 182	919	782	647
----- farms, 1982..	940	1 508	1 387	1 285	1 084	872	683
----- number, 1987..	1 279	2 247	1 946	1 776	1 678	1 069	941
----- farms, 1982..	1 403	1 936	2 106	1 718	1 683	1 129	1 022
Wheel tractors ----- farms, 1987..	835	1 610	1 316	1 160	981	793	676
----- farms, 1982..	970	1 652	1 443	1 406	1 127	860	712
----- number, 1987..	2 532	5 539	4 399	3 663	2 771	1 958	1 668
----- farms, 1982..	2 939	4 794	4 633	3 913	2 971	2 041	1 874
Less than 40 horsepower (PTO) ----- farms, 1987..	338	891	607	537	478	375	334
----- farms, 1982..	521	1 520	1 004	837	740	532	554
40 horsepower (PTO) or more ----- farms, 1987..	781	1 459	1 169	1 030	802	656	527
----- farms, 1982..	2 011	4 019	3 395	2 826	2 031	1 426	1 114
Grain and bean combines <sup>1</sup> ----- farms, 1987..	574	760	668	697	523	347	270
----- farms, 1982..	554	622	722	721	631	333	232
----- number, 1987..	636	832	684	720	638	386	300
----- farms, 1982..	595	623	734	745	678	353	234
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
----- number, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	142	1 128	491	346	182	367	226
----- farms, 1982..	153	1 048	414	288	167	364	218
----- number, 1987..	142	1 163	504	355	191	374	249
----- farms, 1982..	154	1 064	423	293	167	375	222
Pickup balers ----- farms, 1987..	228	1 088	637	483	215	447	330
----- farms, 1982..	282	1 169	687	554	259	440	434
----- number, 1987..	259	1 307	740	553	259	566	372
----- farms, 1982..	294	1 322	731	577	278	505	479
<b>1987 INVENTORY</b>							
<b>Manufactured 1983 to 1987:</b>							
Motortrucks, including pickups ----- farms..	258	477	348	347	337	172	130
----- number..	298	530	400	368	381	197	135
Wheel tractors ----- farms..	201	215	171	171	147	47	43
----- number..	291	301	275	232	199	63	64
Less than 40 horsepower (PTO) ----- farms..	49	70	79	32	76	11	13
----- number..	76	70	79	39	85	11	13
40 horsepower (PTO) or more ----- farms..	172	163	126	150	83	37	37
----- number..	215	231	196	193	114	52	51
Grain and bean combines ----- farms..	86	60	92	87	83	7	21
----- number..	92	60	(D)	87	114	9	22
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Mower conditioners ----- farms..	30	191	60	26	27	43	53
----- number..	30	195	60	26	27	43	54
Pickup balers ----- farms..	15	197	39	34	22	56	37
----- number..	36	221	40	35	22	56	37
<b>Manufactured prior to 1983:</b>							
Motortrucks, including pickups ----- farms..	650	1 220	1 061	990	757	686	566
----- number..	981	1 717	1 546	1 408	1 297	872	806
Wheel tractors ----- farms..	781	1 604	1 269	1 135	920	790	676
----- number..	2 241	5 238	4 124	3 431	2 572	1 895	1 604
Less than 40 horsepower (PTO) ----- farms..	292	862	550	516	403	374	334
----- number..	445	1 450	925	798	655	521	541
40 horsepower (PTO) or more ----- farms..	738	1 444	1 129	1 018	783	646	527
----- number..	1 796	3 788	3 199	2 633	1 917	1 374	1 063
Grain and bean combines ----- farms..	491	700	578	610	460	341	258
----- number..	544	772	(D)	633	524	377	278
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Mower conditioners ----- farms..	112	938	431	320	155	330	174
----- number..	112	968	444	329	164	331	195
Pickup balers ----- farms..	213	939	610	451	202	413	293
----- number..	223	1 086	700	518	237	510	335

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987--	1 452	752	593	1 690	609	1 510	985	1 010
----- farms, 1982--	1 481	815	652	1 708	714	1 638	1 096	1 168
\$1,000, 1987--	93 611	39 131	36 852	88 178	38 260	90 036	53 143	76 147
----- farms, 1982--	107 755	47 544	44 985	94 329	57 637	106 370	80 380	86 885
Average per farm ----- dollars, 1987--	64 471	52 035	62 145	52 176	62 824	59 626	53 852	75 393
----- dollars, 1982--	72 758	58 336	68 996	55 228	80 724	64 939	73 339	74 388
<b>Farms by value group:</b>								
\$1 to \$9,999 ----- farms, 1987--	142	157	93	255	73	248	216	130
----- farms, 1982--	138	163	76	237	58	217	198	138
\$10,000 to \$19,999 ----- farms, 1987--	174	139	75	235	46	210	177	112
----- farms, 1982--	154	132	76	204	72	201	119	139
\$20,000 to \$29,999 ----- farms, 1987--	87	77	62	198	44	134	110	56
----- farms, 1982--	142	74	54	255	37	180	84	106
\$30,000 to \$49,999 ----- farms, 1987--	267	113	67	365	126	328	113	102
----- farms, 1982--	198	82	96	248	109	221	138	201
\$50,000 to \$69,999 ----- farms, 1987--	285	84	108	175	103	132	108	188
----- farms, 1982--	210	145	129	298	69	246	102	142
\$70,000 to \$99,999 ----- farms, 1987--	197	49	41	184	107	150	81	138
----- farms, 1982--	230	59	60	186	148	213	120	115
\$100,000 to \$199,999 ----- farms, 1987--	235	88	125	214	79	226	150	200
----- farms, 1982--	314	116	128	241	169	265	219	232
\$200,000 or more ----- farms, 1987--	65	45	22	64	31	82	30	84
----- farms, 1982--	95	44	33	59	52	95	116	95
\$200,000 to \$499,999 ----- farms, 1987--	62	45	21	64	31	80	28	82
----- farms, 1982--	3	-	1	-	-	2	2	2
\$500,000 or more ----- farms, 1987--	-	-	-	-	-	-	-	-
----- farms, 1982--	-	-	-	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987--	1 297	706	558	1 504	539	1 336	917	918
----- farms, 1982--	1 299	754	577	1 404	623	1 467	996	999
number, 1987--	1 670	1 155	893	1 850	950	1 861	1 529	1 387
number, 1982--	1 621	1 283	847	1 642	1 069	2 025	1 757	1 392
Wheel tractors ----- farms, 1987--	1 380	648	551	1 593	583	1 463	919	947
----- farms, 1982--	1 370	738	585	1 608	649	1 524	981	1 087
number, 1987--	4 519	1 944	1 708	4 924	2 091	5 149	3 007	3 206
number, 1982--	4 208	2 112	1 927	4 909	2 065	4 844	3 074	3 432
Less than 40 horsepower (PTO) ----- farms, 1987--	599	293	283	756	374	885	524	524
----- farms, 1982--	919	432	430	1 154	561	1 526	1 047	914
40 horsepower (PTO) or more ----- farms, 1987--	1 320	579	500	1 343	542	1 322	780	837
----- farms, 1982--	3 600	1 512	1 278	3 770	1 530	3 623	1 960	2 292
Grain and bean combines <sup>1</sup> ----- farms, 1987--	782	444	369	568	462	762	526	634
----- farms, 1982--	671	413	398	425	475	774	579	664
number, 1987--	789	484	431	576	518	813	564	663
number, 1982--	692	448	347	440	512	823	600	712
Cottonpickers and strippers ----- farms, 1987--	-	-	-	-	-	-	-	-
----- farms, 1982--	-	-	-	-	-	-	-	-
number, 1987--	-	-	-	-	-	-	-	-
number, 1982--	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987--	828	173	82	1 075	87	788	208	163
----- farms, 1982--	714	96	72	1 070	48	744	185	190
number, 1987--	854	174	97	1 120	88	827	218	166
number, 1982--	733	104	75	1 117	52	765	197	203
Pickup balers ----- farms, 1987--	968	229	176	1 144	154	879	301	321
----- farms, 1982--	871	270	217	1 183	178	1 015	367	413
number, 1987--	1 100	270	202	1 325	181	984	355	341
number, 1982--	962	278	257	1 329	179	1 112	400	414
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms--	382	223	170	567	137	378	189	267
----- farms, 1982--	410	265	180	591	146	409	194	302
number, 1987--	242	75	36	264	68	134	140	147
number, 1982--	318	107	49	389	93	212	195	205
Wheel tractors ----- farms--	39	21	2	47	11	39	28	36
----- farms, 1982--	40	21	(D)	61	11	39	30	43
number, 1987--	214	69	35	248	60	115	114	115
number, 1982--	278	86	(D)	328	82	173	165	162
Less than 40 horsepower (PTO) ----- farms--	98	61	17	71	42	76	75	83
----- farms, 1982--	98	61	17	71	42	76	75	83
number, 1987--	-	-	-	-	-	-	-	-
number, 1982--	-	-	-	-	-	-	-	-
40 horsepower (PTO) or more ----- farms--	159	19	3	199	2	72	37	7
----- farms, 1982--	173	19	4	199	(D)	75	37	7
number, 1987--	99	7	11	102	3	61	29	24
number, 1982--	100	7	20	103	3	70	34	24
Pickup balers ----- farms--	-	-	-	-	-	-	-	-
----- farms, 1982--	-	-	-	-	-	-	-	-
number, 1987--	673	154	81	893	85	726	171	156
number, 1982--	681	155	93	921	(D)	752	181	159
Mower conditioners ----- farms--	884	229	165	1 086	151	837	288	297
----- farms, 1982--	884	229	165	1 086	151	837	288	297
number, 1987--	1 000	263	182	1 222	178	914	321	317
number, 1982--	-	-	-	-	-	-	-	-
Pickup balers ----- farms--	-	-	-	-	-	-	-	-
----- farms, 1982--	-	-	-	-	-	-	-	-
number, 1987--	-	-	-	-	-	-	-	-
number, 1982--	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	711	942	1 038	960	1 026	1 053	1 065	1 002
----- farms, 1982..	771	1 047	1 129	1 105	1 158	1 176	1 189	1 192
\$1,000, 1987..	43 556	54 438	61 916	45 574	74 452	73 708	67 139	48 497
----- farms, 1982..	55 782	76 471	71 607	47 656	81 452	87 219	83 049	65 384
Average per farm ----- dollars, 1987..	61 260	57 790	59 649	47 473	72 565	69 998	63 041	48 400
----- dollars, 1982..	72 351	73 038	63 425	43 128	70 338	74 166	69 848	54 853
Farms by value group:								
\$1 to \$9,999 ----- farms, 1987..	96	172	121	223	159	103	146	185
----- farms, 1982..	101	178	190	250	192	107	158	275
\$10,000 to \$19,999 ----- farms, 1987..	114	83	112	107	93	82	126	127
----- farms, 1982..	100	91	111	219	109	113	206	155
\$20,000 to \$29,999 ----- farms, 1987..	76	78	173	110	105	102	142	173
----- farms, 1982..	64	84	140	107	155	126	104	112
\$30,000 to \$49,999 ----- farms, 1987..	86	225	144	167	134	178	125	189
----- farms, 1982..	84	89	152	194	128	178	102	136
\$50,000 to \$69,999 ----- farms, 1987..	108	71	177	124	126	134	193	135
----- farms, 1982..	70	162	143	110	95	172	143	142
\$70,000 to \$99,999 ----- farms, 1987..	91	134	123	77	136	166	97	55
----- farms, 1982..	175	148	124	81	150	168	163	142
\$100,000 to \$199,999 ----- farms, 1987..	102	142	151	127	194	247	190	104
----- farms, 1982..	129	216	222	125	247	235	226	181
\$200,000 or more ----- farms, 1987..	38	37	37	25	79	41	46	34
----- farms, 1982..	48	79	47	19	82	77	87	49
\$200,000 to \$499,999 ----- farms, 1987..	34	36	35	25	77	41	46	32
----- farms, 1982..	4	1	2	-	2	-	-	2
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987..	656	899	938	830	928	980	921	930
----- farms, 1982..	736	904	988	988	1 034	1 079	1 091	1 070
number, 1987..	1 273	1 519	1 369	1 443	1 541	1 330	1 548	1 543
number, 1982..	1 383	1 539	1 403	1 395	1 527	1 513	1 581	1 704
Wheel tractors ----- farms, 1987..	672	819	999	900	935	979	979	888
----- farms, 1982..	683	953	990	1 000	1 000	1 061	1 044	1 044
number, 1987..	2 253	2 710	3 023	2 574	3 172	3 414	3 444	2 481
number, 1982..	2 105	3 083	2 969	2 760	3 112	3 812	3 153	3 021
Less than 40 horsepower (PTO) ----- farms, 1987..	319	442	463	433	544	432	479	331
----- farms, 1982..	549	694	622	754	903	815	855	592
40 horsepower (PTO) or more ----- farms, 1987..	589	769	886	724	849	912	887	831
----- farms, 1982..	1 704	2 016	2 401	1 820	2 269	2 599	2 589	1 889
Grain and bean combines <sup>1</sup> ----- farms, 1987..	395	599	554	511	656	722	654	526
----- farms, 1982..	454	611	548	529	687	755	654	632
number, 1987..	442	631	626	582	701	764	704	590
number, 1982..	482	640	578	575	712	784	682	657
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
number, 1987..	-	-	-	-	-	-	-	-
number, 1982..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	159	167	240	227	150	229	167	164
----- farms, 1982..	73	171	134	202	100	246	121	208
number, 1987..	160	177	259	228	152	229	181	182
number, 1982..	74	171	136	209	100	266	124	219
Pickup balers ----- farms, 1987..	213	249	303	363	220	418	304	162
----- farms, 1982..	219	230	282	390	154	483	408	278
number, 1987..	215	261	345	434	223	478	318	176
number, 1982..	232	232	296	437	158	505	426	285
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms..	206	203	281	201	302	255	241	300
number..	224	222	297	210	329	271	253	326
Wheel tractors ----- farms..	117	82	171	71	182	173	75	99
number..	136	109	218	83	235	252	117	115
Less than 40 horsepower (PTO) ----- farms..	10	30	28	9	37	31	9	5
number..	14	31	28	9	44	39	15	5
40 horsepower (PTO) or more ----- farms..	107	65	161	63	149	163	72	95
number..	122	78	190	74	191	213	102	110
Grain and bean combines ----- farms..	82	65	87	15	93	63	73	44
number..	84	65	92	16	96	64	76	46
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	30	35	54	18	15	22	29	24
number..	30	35	56	18	15	22	29	24
Pickup balers ----- farms..	23	24	11	42	16	32	10	19
number..	23	24	11	42	16	40	14	19
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms..	600	782	776	755	765	818	791	783
number..	1 049	1 297	1 072	1 233	1 212	1 059	1 295	1 217
Wheel tractors ----- farms..	670	800	970	856	897	963	964	877
number..	2 117	2 601	2 805	2 491	2 937	3 162	3 327	2 366
Less than 40 horsepower (PTO) ----- farms..	310	413	435	424	511	424	470	327
number..	535	663	594	745	859	776	840	587
40 horsepower (PTO) or more ----- farms..	580	751	856	687	806	869	865	819
number..	1 582	1 938	2 211	1 746	2 078	2 386	2 487	1 779
Grain and bean combines ----- farms..	315	538	471	496	568	669	581	488
number..	358	566	534	566	605	700	628	544
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	129	132	186	209	135	207	138	140
number..	130	142	203	210	137	207	152	158
Pickup balers ----- farms..	191	233	292	330	207	402	294	144
number..	192	237	334	392	207	438	304	157

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Henry	Howard	Humboldt	Iowa	Jackson	Jasper	Jefferson	
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	894	938	754	786	1 050	1 354	1 465	774
----- farms, 1982 ..	963	1 055	848	874	1 150	1 422	1 589	894
\$1,000, 1987 ..	47 435	45 381	53 479	38 821	54 023	52 488	69 614	32 327
1982 ..	54 744	54 257	70 953	45 285	60 070	67 713	83 763	50 395
Average per farm ----- dollars, 1987 ..	53 059	48 381	70 927	49 390	51 450	38 750	47 518	41 766
1982 ..	56 847	51 429	83 671	51 814	52 235	47 618	52 715	56 371
Farms by value group:								
\$1 to \$9,999 ----- 1987 ..	221	151	47	104	188	327	273	181
----- 1982 ..	219	153	96	116	185	286	315	152
\$10,000 to \$19,999 ----- 1987 ..	126	131	74	101	163	248	275	160
----- 1982 ..	176	160	109	91	181	193	232	152
\$20,000 to \$29,999 ----- 1987 ..	88	136	51	101	145	124	219	112
----- 1982 ..	78	117	56	118	158	297	178	136
\$30,000 to \$49,999 ----- 1987 ..	89	167	124	223	115	283	170	108
----- 1982 ..	146	236	121	153	149	185	223	78
\$50,000 to \$69,999 ----- 1987 ..	110	167	104	70	157	152	174	61
----- 1982 ..	125	132	78	179	174	166	206	108
\$70,000 to \$99,999 ----- 1987 ..	78	64	183	73	123	140	152	48
----- 1982 ..	51	108	100	93	112	111	178	109
\$100,000 to \$199,999 ----- 1987 ..	159	100	152	87	135	78	143	86
----- 1982 ..	108	111	185	113	146	174	204	108
\$200,000 or more ----- 1987 ..	23	22	19	27	24	22	59	18
----- 1982 ..	60	38	103	11	45	30	53	51
\$200,000 to \$499,999 ----- 1987 ..	22	20	18	27	22	22	58	18
\$500,000 or more ----- 1987 ..	1	2	1	-	2	-	1	-
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987 ..	767	806	660	722	945	1 200	1 334	658
----- farms, 1982 ..	851	825	772	803	1 021	1 278	1 335	811
number, 1987 ..	1 133	1 239	1 039	1 056	1 502	1 608	2 030	1 103
1982 ..	1 320	1 171	1 244	1 114	1 631	1 638	2 111	1 189
Wheel tractors ----- farms, 1987 ..	822	889	684	770	968	1 273	1 362	699
----- farms, 1982 ..	849	996	806	787	1 011	1 301	1 365	829
number, 1987 ..	2 469	2 882	2 529	2 244	3 059	4 003	3 952	2 165
1982 ..	2 314	3 050	2 663	2 190	3 211	4 030	3 942	2 331
Less than 40 horsepower (PTO) ----- farms, 1987 ..	467	452	402	294	455	694	685	357
----- farms, 1982 ..	756	724	625	405	727	1 145	1 171	687
40 horsepower (PTO) or more ----- farms, 1987 ..	721	794	634	734	878	1 005	1 094	621
----- farms, 1982 ..	1 713	2 158	1 904	1 839	2 332	2 858	2 781	1 478
Grain and bean combines <sup>1</sup> ----- farms, 1987 ..	516	568	566	448	451	461	731	363
----- farms, 1982 ..	494	516	615	422	450	428	812	440
number, 1987 ..	563	680	692	459	497	502	805	409
1982 ..	526	541	654	432	463	429	854	472
Cottonpickers and strippers ----- farms, 1987 ..	-	-	-	-	-	-	-	-
----- farms, 1982 ..	-	-	-	-	-	-	-	-
number, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987 ..	181	289	101	131	364	729	436	225
----- farms, 1982 ..	154	323	120	127	342	749	364	189
number, 1987 ..	196	324	116	136	388	750	480	230
1982 ..	161	342	120	191	357	767	369	225
Pickup balers ----- farms, 1987 ..	285	472	193	211	533	843	531	312
----- farms, 1982 ..	268	478	262	304	519	889	616	385
number, 1987 ..	323	509	223	256	682	1 065	677	351
1982 ..	295	564	264	324	610	1 068	666	463
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms ..	233	193	187	222	265	367	355	184
----- number ..	263	207	200	229	286	370	367	221
Wheel tractors ----- farms ..	105	53	115	88	175	98	136	63
----- number ..	188	112	203	176	219	116	183	82
Less than 40 horsepower (PTO) ----- farms ..	29	2	22	16	9	13	41	24
----- number ..	30	(D)	36	23	13	13	46	29
40 horsepower (PTO) or more ----- farms ..	99	52	114	80	167	87	98	41
----- number ..	158	(D)	167	153	206	103	137	53
Grain and bean combines ----- farms ..	61	55	108	58	55	51	77	28
----- number ..	61	55	109	58	56	51	77	29
Cottonpickers and strippers ----- farms ..	-	-	-	-	-	-	-	-
----- number ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms ..	28	24	12	9	50	119	75	41
----- number ..	40	24	12	9	50	119	75	41
Pickup balers ----- farms ..	28	30	4	8	25	82	66	51
----- number ..	28	31	4	8	25	82	66	51
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms ..	626	695	568	573	802	980	1 162	543
----- number ..	870	1 026	839	827	1 216	1 238	1 663	882
Wheel tractors ----- farms ..	806	878	651	733	928	1 244	1 328	697
----- number ..	2 281	2 770	2 326	2 068	2 640	3 887	3 789	2 083
Less than 40 horsepower (PTO) ----- farms ..	454	450	383	278	453	681	662	347
----- number ..	726	(D)	589	382	714	1 132	1 125	658
40 horsepower (PTO) or more ----- farms ..	692	782	595	702	817	985	1 072	611
----- number ..	1 555	(D)	1 737	1 686	2 126	2 755	2 644	1 425
Grain and bean combines ----- farms ..	467	525	460	390	397	410	655	337
----- number ..	502	605	583	401	441	451	728	380
Cottonpickers and strippers ----- farms ..	-	-	-	-	-	-	-	-
----- number ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms ..	153	276	89	124	314	612	362	186
----- number ..	156	300	104	127	338	631	385	189
Pickup balers ----- farms ..	266	451	189	208	526	796	480	262
----- number ..	295	478	219	248	657	983	611	300

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 346	1 161	1 028	1 717	981	1 681	622	681
----- farms, 1982..	1 508	1 307	1 193	1 885	1 060	1 803	690	769
----- \$1,000, 1987..	68 203	62 586	54 470	121 897	38 831	76 811	40 995	18 453
----- 1982..	71 909	73 980	77 826	152 500	51 150	90 602	48 325	23 622
Average per farm ----- dollars, 1987..	50 671	53 907	52 987	70 994	39 583	45 693	65 908	26 704
----- 1982..	47 685	56 603	65 236	80 902	48 255	50 251	70 036	30 718
Farms by value group:								
\$1 to \$9,999 ----- 1987..	258	209	175	230	296	359	110	194
----- 1982..	371	223	195	190	208	460	97	229
\$10,000 to \$19,999 ----- 1987..	242	132	160	130	149	335	47	220
----- 1982..	208	148	165	115	190	310	60	132
\$20,000 to \$29,999 ----- 1987..	157	165	79	154	118	184	84	87
----- 1982..	273	200	137	188	115	207	55	128
\$30,000 to \$49,999 ----- 1987..	204	178	171	270	144	230	69	70
----- 1982..	189	207	119	255	210	274	128	102
\$50,000 to \$69,999 ----- 1987..	112	166	182	246	101	218	75	53
----- 1982..	129	132	158	286	90	179	85	71
\$70,000 to \$99,999 ----- 1987..	153	97	86	226	56	138	80	33
----- 1982..	102	128	102	260	112	111	97	70
\$100,000 to \$199,999 ----- 1987..	182	162	148	322	96	165	119	32
----- 1982..	174	217	242	445	93	167	127	27
\$200,000 or more ----- 1987..	38	52	27	139	21	52	38	2
----- 1982..	62	52	75	146	42	95	41	10
\$200,000 to \$499,999 ----- 1987..	37	51	26	138	21	49	33	2
----- 1982..	1	1	1	1	--	3	5	--
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Mototrucks, including pickups ----- farms, 1987..	1 102	1 048	927	1 511	866	1 475	566	624
----- farms, 1982..	1 273	1 157	1 023	1 675	980	1 599	615	687
----- number, 1987..	1 675	1 608	1 396	2 247	1 442	2 266	993	905
----- 1982..	1 785	1 536	1 488	2 466	1 669	2 349	906	918
Wheel tractors ----- farms, 1987..	1 284	1 051	928	1 607	939	1 585	567	635
----- farms, 1982..	1 294	1 206	1 053	1 700	975	1 658	591	646
----- number, 1987..	3 885	3 658	2 836	5 505	2 703	4 814	1 820	1 512
----- 1982..	3 601	4 010	3 002	5 676	2 821	4 602	1 713	1 634
Less than 40 horsepower (PTO) ----- farms, 1987..	737	548	414	779	477	905	284	335
----- farms, 1982..	1 089	910	662	1 292	766	1 533	468	524
40 horsepower (PTO) or more ----- farms, 1987..	1 126	948	822	1 530	799	1 297	480	517
----- farms, 1982..	2 796	2 748	2 174	4 213	1 937	3 281	1 332	988
Grain and bean combines <sup>1</sup> ----- farms, 1987..	576	543	560	1 146	448	700	387	204
----- farms, 1982..	544	517	595	1 322	494	644	421	203
----- number, 1987..	638	554	579	1 245	486	721	425	214
----- 1982..	553	528	637	1 410	516	689	435	221
Cottonpickers and strippers ----- farms, 1987..	--	--	--	--	--	--	--	--
----- farms, 1982..	--	--	--	--	--	--	--	--
----- number, 1987..	--	--	--	--	--	--	--	--
----- 1982..	--	--	--	--	--	--	--	--
Mower conditioners ----- farms, 1987..	432	443	289	253	336	562	175	287
----- farms, 1982..	364	442	276	325	315	383	142	216
----- number, 1987..	451	465	307	309	345	597	182	297
----- 1982..	383	456	285	356	316	388	142	223
Pickup balers ----- farms, 1987..	600	600	351	481	435	732	171	309
----- farms, 1982..	651	643	466	539	471	678	256	257
----- number, 1987..	716	710	398	492	537	823	182	382
----- 1982..	730	691	585	569	486	720	268	291
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Mototrucks, including pickups ----- farms..	266	353	252	416	214	408	237	141
----- number..	291	393	292	440	244	424	257	142
Wheel tractors ----- farms..	176	127	169	283	110	145	83	58
----- number..	287	202	226	370	127	179	100	63
Less than 40 horsepower (PTO) ----- farms..	61	30	42	37	34	43	19	29
----- number..	71	31	66	42	34	43	19	29
40 horsepower (PTO) or more ----- farms..	146	102	133	254	78	113	67	30
----- number..	216	171	160	328	93	136	81	34
Grain and bean combines ----- farms..	50	59	112	149	47	100	59	15
----- number..	51	59	113	151	47	100	61	(D)
Cottonpickers and strippers ----- farms..	--	--	--	--	--	--	--	--
----- number..	--	--	--	--	--	--	--	--
Mower conditioners ----- farms..	75	70	52	32	38	58	40	36
----- number..	75	74	52	32	38	58	40	36
Pickup balers ----- farms..	63	60	12	29	41	60	26	8
----- number..	63	60	13	29	41	60	28	8
Manufactured prior to 1983:								
Mototrucks, including pickups ----- farms..	970	822	787	1 250	767	1 267	465	537
----- number..	1 384	1 215	1 104	1 807	1 198	1 842	736	763
Wheel tractors ----- farms..	1 256	1 026	907	1 587	923	1 535	537	623
----- number..	3 598	3 456	2 610	5 135	2 576	4 635	1 720	1 449
Less than 40 horsepower (PTO) ----- farms..	693	520	390	754	453	868	266	306
----- number..	1 018	879	596	1 250	732	1 490	469	495
40 horsepower (PTO) or more ----- farms..	1 090	927	812	1 510	797	1 244	464	506
----- number..	2 580	2 577	2 014	3 885	1 844	3 145	1 251	954
Grain and bean combines ----- farms..	536	485	449	998	402	601	333	190
----- number..	587	495	466	1 094	439	621	364	(D)
Cottonpickers and strippers ----- farms..	--	--	--	--	--	--	--	--
----- number..	--	--	--	--	--	--	--	--
Mower conditioners ----- farms..	358	377	237	221	298	505	135	253
----- number..	376	391	255	277	307	539	142	261
Pickup balers ----- farms..	583	554	343	452	424	704	150	308
----- number..	653	650	385	463	496	763	154	374

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 225	1 052	1 193	1 116	1 072	640	930	853
----- farms, 1982..	1 391	1 140	1 265	1 224	1 201	679	1 005	933
----- \$1,000, 1987..	65 086	38 946	57 260	40 245	54 737	36 469	51 787	54 130
----- farms, 1982..	75 189	48 661	78 792	51 955	69 001	42 987	65 523	56 169
Average per farm ----- dollars, 1987..	53 131	37 021	47 997	36 062	51 061	56 982	55 685	63 458
----- farms, 1982..	54 054	42 685	62 286	42 447	57 453	63 310	65 197	60 203
Farms by value group:								
\$1 to \$9,999 ----- 1987..	148	348	204	322	247	73	137	143
----- 1982..	202	263	180	306	275	128	161	144
\$10,000 to \$19,999 ----- 1987..	192	226	234	240	145	124	76	126
----- 1982..	193	164	151	199	146	69	133	166
\$20,000 to \$29,999 ----- 1987..	121	121	170	146	150	65	138	81
----- 1982..	153	180	119	186	96	60	72	121
\$30,000 to \$49,999 ----- 1987..	281	79	149	126	102	109	182	140
----- 1982..	235	185	269	139	152	47	141	116
\$50,000 to \$69,999 ----- 1987..	182	75	138	133	114	61	112	97
----- 1982..	156	139	155	143	174	78	125	79
\$70,000 to \$99,999 ----- 1987..	101	77	142	56	135	47	113	83
----- 1982..	190	64	141	100	120	150	140	96
\$100,000 to \$199,999 ----- 1987..	156	121	118	70	153	138	145	128
----- 1982..	244	108	181	125	197	116	183	170
\$200,000 or more ----- 1987..	44	5	38	23	26	23	27	55
----- 1982..	18	37	69	26	41	31	50	41
\$200,000 to \$499,999 ----- 1987..	43	4	37	23	25	23	26	54
----- 1982..	1	1	1	-	1	-	1	1
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987..	1 119	865	1 062	992	956	584	797	779
----- farms, 1982..	1 230	972	1 136	1 083	1 058	611	840	830
----- number, 1987..	1 491	1 300	1 511	1 380	1 700	978	1 319	1 528
----- number, 1982..	1 562	1 404	1 626	1 508	1 823	983	1 333	1 258
Wheel tractors ----- farms, 1987..	1 124	915	1 126	998	1 003	581	870	759
----- farms, 1982..	1 207	980	1 132	1 085	1 027	620	940	821
----- number, 1987..	3 782	2 230	3 289	2 588	3 140	1 836	3 080	2 558
----- number, 1982..	3 596	2 471	3 103	2 870	2 998	1 790	3 153	2 495
Less than 40 horsepower (PTO) ----- farms, 1987..	458	440	558	507	533	244	530	366
----- farms, 1982..	782	607	837	677	792	367	930	692
40 horsepower (PTO) or more ----- farms, 1987..	1 091	736	978	838	893	558	789	669
----- farms, 1982..	3 000	1 623	2 452	1 911	2 348	1 469	2 150	1 866
Grain and bean combines <sup>1</sup> ----- farms, 1987..	746	468	678	501	541	353	513	513
----- farms, 1982..	630	435	657	505	564	357	523	462
----- number, 1987..	783	493	742	522	573	405	535	562
----- number, 1982..	654	439	702	513	606	370	524	505
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
----- number, 1987..	-	-	-	-	-	-	-	-
----- number, 1982..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	322	356	335	297	264	98	218	179
----- farms, 1982..	266	286	335	392	261	91	174	138
----- number, 1987..	341	369	352	299	304	99	225	206
----- number, 1982..	278	304	336	404	263	129	175	175
Pickup balers ----- farms, 1987..	517	418	487	477	403	146	334	126
----- farms, 1982..	603	469	412	528	448	203	475	147
----- number, 1987..	549	487	536	555	473	156	345	135
----- number, 1982..	609	552	427	590	520	226	497	169
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms..	282	181	294	187	226	158	197	284
----- number..	299	192	326	196	249	174	205	303
Wheel tractors ----- farms..	189	77	138	79	144	96	74	102
----- number..	228	87	176	101	158	136	92	142
Less than 40 horsepower (PTO) ----- farms..	48	30	20	3	24	17	25	11
----- number..	52	37	20	6	24	18	26	18
40 horsepower (PTO) or more ----- farms..	154	47	120	78	122	87	56	93
----- number..	176	50	158	95	134	118	66	124
Grain and bean combines ----- farms..	68	42	68	62	78	60	38	43
----- number..	68	42	68	62	78	60	39	44
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	31	74	37	29	37	35	41	29
----- number..	31	74	37	29	37	35	41	30
Pickup balers ----- farms..	67	73	20	42	34	9	37	17
----- number..	67	74	20	44	34	9	44	17
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms..	931	778	879	893	872	497	698	655
----- number..	1 192	1 108	1 185	1 184	1 451	804	1 114	1 225
Wheel tractors ----- farms..	1 110	915	1 103	997	966	565	856	751
----- number..	3 554	2 143	3 113	2 487	2 982	1 700	2 988	2 416
Less than 40 horsepower (PTO) ----- farms..	432	425	539	506	509	236	509	357
----- number..	730	570	817	671	768	349	904	674
40 horsepower (PTO) or more ----- farms..	1 077	736	956	837	858	542	781	661
----- number..	2 824	1 573	2 296	1 816	2 214	1 351	2 084	1 742
Grain and bean combines ----- farms..	689	426	612	439	464	302	476	472
----- number..	715	451	674	460	495	345	496	518
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	291	282	298	268	241	64	184	158
----- number..	310	295	315	270	267	64	184	176
Pickup balers ----- farms..	457	365	470	450	383	138	297	111
----- number..	482	413	516	511	439	147	301	118

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987--	736	701	900	1 233	731	1 008	928	1 734
----- farms, 1982--	761	789	1 005	1 332	833	1 057	1 015	1 874
----- \$1,000, 1987--	20 373	36 483	44 195	71 770	44 012	42 631	58 826	89 361
----- 1982--	25 843	42 080	55 240	81 536	57 953	54 474	75 532	109 995
Average per farm ----- dollars, 1987--	27 681	52 044	49 105	58 208	60 207	42 293	63 390	51 535
----- 1982--	33 959	54 721	54 965	61 213	69 571	51 536	74 416	58 696
Farms by value group:								
\$1 to \$9,999 ----- 1987--	218	129	296	164	94	202	57	317
----- 1982--	217	177	184	152	92	230	93	293
\$10,000 to \$19,999 ----- 1987--	160	131	112	170	80	166	138	173
----- 1982--	149	94	171	158	99	116	126	233
\$20,000 to \$29,999 ----- 1987--	145	64	74	101	79	143	90	246
----- 1982--	88	105	103	184	94	166	138	172
\$30,000 to \$49,999 ----- 1987--	65	126	100	249	117	216	163	345
----- 1982--	149	83	145	220	123	132	99	323
\$50,000 to \$69,999 ----- 1987--	80	93	85	199	124	94	157	265
----- 1982--	60	76	103	183	119	166	122	229
\$70,000 to \$99,999 ----- 1987--	38	45	87	127	109	86	126	150
----- 1982--	38	74	110	157	66	92	153	261
\$100,000 to \$199,999 ----- 1987--	26	73	105	164	96	82	151	176
----- 1982--	52	124	149	222	163	112	222	286
\$200,000 or more ----- 1987--	4	40	41	59	32	19	46	62
----- 1982--	8	36	40	56	77	43	64	77
\$200,000 to \$499,999 ----- 1987--	4	40	41	56	32	19	45	52
----- 1982--	-	-	-	3	-	-	1	10
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987--	626	609	827	1 099	658	931	879	1 553
----- 1982--	632	676	935	1 148	750	909	893	1 669
----- number, 1987--	872	899	1 405	1 539	982	1 383	1 220	2 166
----- 1982--	863	1 039	1 512	1 437	999	1 357	1 230	2 266
Wheel tractors ----- farms, 1987--	655	636	761	1 167	694	970	868	1 652
----- 1982--	632	676	918	1 227	694	950	926	1 707
----- number, 1987--	1 609	2 058	2 376	3 846	2 403	2 746	2 953	5 060
----- 1982--	1 370	1 891	2 850	3 694	2 160	2 513	2 950	5 362
Less than 40 horsepower (PTO) ----- farms, 1987--	219	312	398	574	331	385	440	750
----- 1982--	402	507	705	959	555	589	850	1 323
40 horsepower (PTO) or more ----- farms, 1987--	583	540	633	1 087	646	875	798	1 434
----- 1982--	1 207	1 551	1 671	2 887	1 848	2 157	2 103	3 737
Grain and bean combines <sup>1</sup> ----- farms, 1987--	280	325	406	785	474	540	664	887
----- 1982--	211	366	493	659	503	527	626	904
----- number, 1987--	309	357	421	808	509	596	712	925
----- 1982--	221	388	505	701	515	540	645	982
Cottonpickers and strippers ----- farms, 1987--	-	-	-	-	-	-	-	-
----- 1982--	-	-	-	-	-	-	-	-
----- number, 1987--	-	-	-	-	-	-	-	-
----- 1982--	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987--	327	158	263	204	173	258	125	286
----- 1982--	255	137	244	182	99	201	121	263
----- number, 1987--	327	165	273	216	197	266	133	327
----- 1982--	261	139	246	182	99	232	122	299
Pickup balers ----- farms, 1987--	450	295	382	355	246	311	228	552
----- 1982--	276	262	395	320	230	356	194	661
----- number, 1987--	539	349	428	379	248	384	238	612
----- 1982--	302	334	440	324	237	442	201	729
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms--	143	152	290	308	135	239	218	431
----- number--	145	179	317	317	141	253	233	484
Wheel tractors ----- farms--	22	92	128	109	49	140	110	240
----- number--	23	105	165	135	85	214	167	389
Less than 40 horsepower (PTO) ----- farms--	-	32	39	2	18	28	20	82
----- number--	-	32	40	(D)	21	28	20	104
40 horsepower (PTO) or more ----- farms--	22	66	99	109	48	138	97	188
----- number--	23	73	125	(D)	64	186	147	285
Grain and bean combines ----- farms--	22	47	61	63	45	69	79	129
----- number--	22	47	61	63	46	83	79	130
Cottonpickers and strippers ----- farms--	-	-	-	-	-	-	-	-
----- number--	-	-	-	-	-	-	-	-
Mower conditioners ----- farms--	25	12	56	13	3	27	13	38
----- number--	25	12	56	14	3	34	13	47
Pickup balers ----- farms--	61	25	40	15	14	17	25	84
----- number--	61	25	41	15	14	19	25	90
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms--	559	528	688	899	592	803	729	1 284
----- number--	727	720	1 088	1 222	841	1 130	987	1 682
Wheel tractors ----- farms--	650	622	737	1 163	684	932	857	1 593
----- number--	1 586	1 953	2 211	3 711	2 318	2 532	2 788	4 671
Less than 40 horsepower (PTO) ----- farms--	219	300	376	574	323	369	429	676
----- number--	402	475	665	(D)	534	561	830	1 219
40 horsepower (PTO) or more ----- farms--	577	538	616	1 077	627	813	787	1 401
----- number--	1 184	1 478	1 546	(D)	1 784	1 971	1 956	3 452
Grain and bean combines ----- farms--	258	287	345	704	435	479	595	740
----- number--	287	310	360	845	463	513	633	795
Cottonpickers and strippers ----- farms--	-	-	-	-	-	-	-	-
----- number--	-	-	-	-	-	-	-	-
Mower conditioners ----- farms--	302	152	213	192	170	231	112	248
----- number--	302	153	217	202	194	232	120	280
Pickup balers ----- farms--	423	294	344	342	233	300	210	494
----- number--	478	324	387	364	234	365	213	522

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	987	1 001	1 651	1 047	701	1 034	973	1 177
..... farms, 1982 ..	1 105	1 104	1 828	1 152	776	1 146	1 097	1 317
..... \$1,000, 1987 ..	75 823	48 485	92 995	55 669	28 419	61 003	54 417	61 761
..... 1982 ..	81 406	51 789	112 390	63 432	37 467	75 955	75 119	68 084
Average per farm ----- dollars, 1987 ..	76 821	48 436	56 327	53 170	40 541	58 997	55 927	52 473
..... 1982 ..	73 671	46 911	61 482	55 063	48 282	66 278	68 477	51 696
Farms by value group:								
\$1 to \$9,999 ----- 1987 ..	87	283	297	194	175	122	160	141
..... 1982 ..	104	323	397	161	178	182	159	220
\$10,000 to \$19,999 ----- 1987 ..	70	193	235	156	93	143	104	187
..... 1982 ..	114	163	246	178	120	129	168	180
\$20,000 to \$29,999 ----- 1987 ..	109	65	221	142	90	141	145	115
..... 1982 ..	80	126	175	121	130	89	103	150
\$30,000 to \$49,999 ----- 1987 ..	118	160	233	135	113	105	112	218
..... 1982 ..	213	124	212	183	76	165	161	187
\$50,000 to \$69,999 ----- 1987 ..	130	94	134	122	94	217	184	164
..... 1982 ..	119	111	183	179	76	157	111	197
\$70,000 to \$99,999 ----- 1987 ..	224	35	197	113	81	92	95	157
..... 1982 ..	180	93	153	128	74	150	94	128
\$100,000 to \$199,999 ----- 1987 ..	154	122	260	131	44	173	132	177
..... 1982 ..	199	129	352	167	96	208	225	237
\$200,000 or more ----- 1987 ..	95	49	74	54	11	41	41	18
..... 1982 ..	96	35	110	35	26	66	76	18
\$200,000 to \$499,999 ----- 1987 ..	94	46	73	54	11	41	41	18
..... 1982 ..	1	3	1	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987 ..	893	887	1 528	941	611	923	846	1 029
..... 1982 ..	991	973	1 633	1 059	724	970	1 023	1 168
..... number, 1987 ..	1 383	1 442	2 609	1 641	964	1 481	1 373	1 535
..... 1982 ..	1 378	1 567	2 540	1 678	1 084	1 458	1 626	1 567
Wheel tractors ----- farms, 1987 ..	950	959	1 531	985	647	997	906	1 076
..... 1982 ..	960	941	1 664	1 084	731	983	1 030	1 141
..... number, 1987 ..	3 269	2 820	4 981	3 036	1 553	3 462	2 939	3 640
..... 1982 ..	3 024	2 314	4 856	3 064	2 089	3 276	3 216	3 412
Less than 40 horsepower (PTO) ----- farms, 1987 ..	499	625	741	402	284	490	485	433
..... 1982 ..	848	1 015	1 365	628	414	766	789	698
40 horsepower (PTO) or more ----- farms, 1987 ..	847	741	1 316	895	555	886	805	1 042
..... 1982 ..	2 421	1 805	3 616	2 408	1 139	2 696	2 150	2 942
Grain and bean combines <sup>1</sup> ----- farms, 1987 ..	695	412	829	568	434	685	542	705
..... 1982 ..	741	506	895	570	390	565	568	679
..... number, 1987 ..	739	484	888	628	486	772	555	738
..... 1982 ..	819	533	950	613	420	630	589	694
Cottonpickers and strippers ----- farms, 1987 ..	-	-	-	-	-	-	-	-
..... 1982 ..	-	-	-	-	-	-	-	-
..... number, 1987 ..	-	-	-	-	-	-	-	-
..... 1982 ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987 ..	162	233	418	389	320	203	313	263
..... 1982 ..	131	157	349	317	218	186	236	237
..... number, 1987 ..	185	241	479	405	341	211	325	264
..... 1982 ..	132	167	383	320	230	194	240	258
Pickup balers ----- farms, 1987 ..	221	238	600	499	429	378	481	382
..... 1982 ..	214	239	584	404	333	356	483	495
..... number, 1987 ..	224	263	707	598	512	422	536	421
..... 1982 ..	214	244	669	460	399	382	523	539
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms ..	228	226	522	244	202	281	287	398
..... number ..	237	250	583	256	208	298	303	424
Wheel tractors ----- farms ..	200	112	175	117	65	92	139	130
..... number ..	293	177	253	152	96	133	246	189
Less than 40 horsepower (PTO) ----- farms ..	28	53	62	6	10	10	31	31
..... number ..	28	71	75	7	11	7	46	35
40 horsepower (PTO) or more ----- farms ..	192	77	134	114	56	84	122	114
..... number ..	265	106	178	145	85	116	200	154
Grain and bean combines ----- farms ..	107	55	131	60	57	89	58	103
..... number ..	108	61	131	61	57	89	58	103
Cottonpickers and strippers ----- farms ..	-	-	-	-	-	-	-	-
..... number ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms ..	1	29	54	44	54	4	50	45
..... number ..	(D)	36	54	44	54	4	51	45
Pickup balers ----- farms ..	-	2	91	18	21	45	42	14
..... number ..	-	(D)	91	18	21	45	55	14
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms ..	741	790	1 273	816	512	787	694	766
..... number ..	1 146	1 192	2 026	1 385	756	1 183	1 070	1 111
Wheel tractors ----- farms ..	924	926	1 518	973	630	988	873	1 065
..... number ..	2 976	2 643	4 728	2 884	1 457	3 329	2 693	3 451
Less than 40 horsepower (PTO) ----- farms ..	479	587	704	399	276	480	466	402
..... number ..	820	944	1 290	621	403	749	743	663
40 horsepower (PTO) or more ----- farms ..	806	716	1 303	884	539	875	771	1 031
..... number ..	2 156	1 699	3 438	2 263	1 054	2 580	1 950	2 788
Grain and bean combines ----- farms ..	591	359	708	511	379	605	484	603
..... number ..	631	423	757	567	429	683	497	635
Cottonpickers and strippers ----- farms ..	-	-	-	-	-	-	-	-
..... number ..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms ..	161	204	367	345	268	201	263	218
..... number ..	(D)	205	425	361	287	207	274	219
Pickup balers ----- farms ..	221	237	545	487	410	340	447	372
..... number ..	224	(D)	616	580	491	377	481	407

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	2 007	1 139	1 393	761	694	775	899	1 304
----- farms, 1982..	2 100	1 248	1 508	887	772	883	959	1 384
----- \$1,000, 1987..	101 081	57 553	78 233	27 207	21 636	27 555	27 971	41 085
----- farms, 1982..	115 766	82 600	93 052	36 258	25 245	35 115	40 547	53 554
Average per farm ----- dollars, 1987..	50 364	50 530	56 161	35 752	31 176	35 555	31 114	31 507
----- dollars, 1982..	55 127	66 186	61 706	40 877	32 700	39 768	42 281	38 695
<b>Farms by value group:</b>								
\$1 to \$9,999 ----- farms, 1987..	398	215	223	158	189	202	344	490
----- farms, 1982..	327	276	224	190	252	197	257	360
\$10,000 to \$19,999 ----- farms, 1987..	290	190	209	122	136	142	163	213
----- farms, 1982..	228	158	237	140	149	172	222	321
\$20,000 to \$29,999 ----- farms, 1987..	212	209	154	173	74	128	92	214
----- farms, 1982..	170	95	190	146	157	113	104	144
\$30,000 to \$49,999 ----- farms, 1987..	301	143	223	140	181	151	120	148
----- farms, 1982..	402	156	167	170	62	115	136	201
\$50,000 to \$69,999 ----- farms, 1987..	241	119	158	53	41	59	36	91
----- farms, 1982..	375	131	189	88	67	132	49	133
\$70,000 to \$99,999 ----- farms, 1987..	236	110	182	55	36	23	73	35
----- farms, 1982..	232	108	170	73	8	76	60	79
\$100,000 to \$199,999 ----- farms, 1987..	291	98	179	54	52	42	58	91
----- farms, 1982..	305	250	250	65	56	68	79	118
\$200,000 or more ----- farms, 1987..	38	55	65	6	5	28	13	22
----- farms, 1982..	61	74	81	15	21	10	52	28
\$200,000 to \$499,999 ----- farms, 1987..	38	54	65	6	5	28	13	21
----- farms, 1982..	-	1	-	-	-	-	-	1
\$500,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987..	1 767	1 039	1 309	658	635	705	793	1 166
----- farms, 1982..	1 779	1 116	1 286	828	660	776	844	1 183
----- number, 1987..	2 438	1 760	2 002	971	1 006	1 062	1 097	1 868
----- number, 1982..	2 283	1 850	1 940	1 151	913	1 100	1 011	1 711
Wheel tractors ----- farms, 1987..	1 870	1 046	1 292	697	598	717	789	1 119
----- farms, 1982..	1 842	1 114	1 402	808	681	773	901	1 160
----- number, 1987..	5 649	3 230	4 190	1 771	1 685	1 974	1 909	2 771
----- number, 1982..	5 314	3 512	4 336	1 911	1 716	1 952	2 097	2 599
Less than 40 horsepower (PTO) ----- farms, 1987..	730	584	702	242	275	393	423	580
----- farms, 1982..	1 086	913	1 069	416	539	657	594	864
40 horsepower (PTO) or more ----- farms, 1987..	1 707	912	1 096	595	532	586	638	897
----- farms, 1982..	4 563	2 317	3 121	1 355	1 146	1 317	1 315	1 907
Grain and bean combines <sup>1</sup> ----- farms, 1987..	986	608	842	460	257	367	288	536
----- farms, 1982..	803	601	766	451	208	418	352	449
----- number, 1987..	1 039	685	801	477	287	412	301	557
----- number, 1982..	829	658	838	461	209	445	375	483
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
----- number, 1987..	-	-	-	-	-	-	-	-
----- number, 1982..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	393	182	380	237	188	269	296	416
----- farms, 1982..	356	176	359	230	170	210	231	334
----- number, 1987..	420	185	395	283	203	280	310	417
----- number, 1982..	429	176	387	242	191	225	231	360
Pickup balers ----- farms, 1987..	624	292	652	343	231	415	325	486
----- farms, 1982..	717	308	640	400	248	440	305	403
----- number, 1987..	673	310	736	416	356	540	382	606
----- number, 1982..	771	348	718	462	293	546	355	446
<b>1987 INVENTORY</b>								
<b>Manufactured 1983 to 1987:</b>								
Motortrucks, including pickups ----- farms..	381	262	359	159	191	116	225	308
----- number..	413	307	413	171	229	133	257	331
Wheel tractors ----- farms..	306	104	130	68	34	54	112	60
----- number..	348	156	242	71	37	78	149	116
Less than 40 horsepower (PTO) ----- farms..	23	29	46	-	4	31	27	16
----- number..	24	34	56	-	4	44	28	16
40 horsepower (PTO) or more ----- farms..	288	90	111	68	31	32	86	57
----- number..	324	122	186	71	33	34	121	100
Grain and bean combines ----- farms..	93	72	74	37	8	12	33	44
----- number..	93	72	74	37	9	12	33	44
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	41	19	65	29	32	40	45	89
----- number..	44	20	65	29	32	40	45	89
Pickup balers ----- farms..	40	3	41	25	30	6	41	27
----- number..	41	3	41	25	30	6	41	27
<b>Manufactured prior to 1983:</b>								
Motortrucks, including pickups ----- farms..	1 469	908	1 130	540	568	620	648	1 033
----- number..	2 025	1 453	1 589	800	777	929	840	1 537
Wheel tractors ----- farms..	1 825	1 029	1 260	696	597	703	776	1 103
----- number..	5 301	3 074	3 948	1 700	1 896	1 896	1 760	2 655
Less than 40 horsepower (PTO) ----- farms..	709	566	656	242	272	370	417	566
----- number..	1 062	879	1 013	416	535	613	566	848
40 horsepower (PTO) or more ----- farms..	1 662	894	1 062	594	531	578	630	882
----- number..	4 239	2 195	2 935	1 284	1 113	1 283	1 194	1 807
Grain and bean combines ----- farms..	896	541	778	423	249	356	256	492
----- number..	946	613	827	440	258	400	288	513
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	353	163	315	208	157	229	251	327
----- number..	376	165	330	254	171	240	265	328
Pickup balers ----- farms..	600	290	630	318	219	410	304	483
----- number..	632	307	695	391	326	534	341	579

See footnotes at end of table.

**Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

All Farms	Washington	Wayne	Webster	Winnebago	Winneshek	Woodbury	Worth	Wright
<b>VALUE OF MACHINERY AND EQUIPMENT</b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 157	734	1 235	742	1 633	1 353	667	882
----- farms, 1982..	1 230	824	1 357	847	1 725	1 579	798	1 009
\$1,000, 1987..	68 353	25 456	87 942	47 026	92 485	68 190	44 355	73 267
----- dollars, 1982..	74 322	31 898	105 774	54 560	98 798	76 541	56 504	85 982
Average per farm ----- farms, 1987..	59 078	34 681	71 208	63 377	56 635	50 399	66 499	83 069
----- farms, 1982..	60 424	38 711	77 847	64 415	57 274	48 474	70 807	85 215
Farms by value group:								
\$1 to \$9,999 ----- farms, 1987..	218	192	211	87	219	258	91	89
----- farms, 1982..	176	147	202	84	318	427	104	79
\$10,000 to \$19,999 ----- farms, 1987..	166	156	136	68	301	214	76	45
----- farms, 1982..	168	141	176	57	178	212	77	86
\$20,000 to \$29,999 ----- farms, 1987..	144	116	137	133	227	135	98	90
----- farms, 1982..	178	137	125	131	193	216	112	96
\$30,000 to \$49,999 ----- farms, 1987..	135	35	174	124	205	256	76	82
----- farms, 1982..	186	130	143	119	322	160	118	151
\$50,000 to \$69,999 ----- farms, 1987..	88	122	116	102	157	119	56	171
----- farms, 1982..	104	160	138	184	170	159	96	71
\$70,000 to \$99,999 ----- farms, 1987..	131	62	100	83	115	153	87	111
----- farms, 1982..	186	61	163	58	168	160	70	177
\$100,000 to \$199,999 ----- farms, 1987..	211	45	253	104	371	173	146	218
----- farms, 1982..	167	37	276	173	321	202	160	257
\$200,000 or more ----- farms, 1987..	64	6	108	41	38	45	37	76
----- farms, 1982..	67	11	134	41	55	43	61	92
\$200,000 to \$499,999 ----- farms, 1987..	64	6	107	40	38	44	37	70
----- farms, 1982..	-	-	1	1	-	1	-	6
<b>SELECTED MACHINERY AND EQUIPMENT</b>								
Motortrucks, including pickups ----- farms, 1987..	1 039	659	1 122	679	1 405	1 252	654	796
----- farms, 1982..	1 096	757	1 226	735	1 500	1 338	712	915
number, 1987..	1 712	1 000	1 840	1 199	1 867	2 021	1 086	1 214
----- number, 1982..	1 601	1 124	1 944	1 150	1 971	2 066	1 163	1 310
Wheel tractors ----- farms, 1987..	1 058	668	1 140	719	1 515	1 260	620	829
----- farms, 1982..	1 180	714	1 220	761	1 577	1 371	727	915
number, 1987..	3 362	1 622	3 617	2 373	4 834	3 935	2 145	2 975
----- number, 1982..	3 359	1 722	3 747	2 273	4 685	3 915	2 308	2 935
Less than 40 horsepower (PTO) ----- farms, 1987..	546	312	582	449	746	644	309	531
----- farms, 1982..	931	438	919	745	1 239	1 064	507	864
40 horsepower (PTO) or more ----- farms, 1987..	920	558	1 020	639	1 389	1 083	553	763
----- farms, 1982..	2 431	1 184	2 698	1 628	3 595	2 871	1 638	2 111
Grain and bean combines <sup>1</sup> ----- farms, 1987..	648	317	786	433	642	683	403	673
----- farms, 1982..	636	341	713	432	624	582	431	653
number, 1987..	683	329	871	468	739	791	413	726
----- number, 1982..	658	343	752	444	636	646	449	667
Cottonpickers and strippers ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
number, 1987..	-	-	-	-	-	-	-	-
----- number, 1982..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms, 1987..	216	275	200	118	1 013	310	174	133
----- farms, 1982..	228	323	270	125	1 012	203	84	158
number, 1987..	219	279	240	136	1 040	329	193	150
----- number, 1982..	229	332	271	133	1 079	239	98	166
Pickup balers ----- farms, 1987..	339	353	229	199	1 038	373	312	195
----- farms, 1982..	441	417	216	223	1 099	420	266	249
number, 1987..	410	408	282	210	1 285	411	333	197
----- number, 1982..	523	466	225	231	1 285	443	278	280
<b>1987 INVENTORY</b>								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ----- farms..	364	112	296	191	474	395	174	292
----- number..	428	130	316	195	507	415	183	311
Wheel tractors ----- farms..	160	25	149	114	273	129	67	151
----- number..	286	28	185	170	368	181	85	230
Less than 40 horsepower (PTO) ----- farms..	46	6	38	32	36	47	15	26
----- number..	47	6	39	47	36	51	15	26
40 horsepower (PTO) or more ----- farms..	173	19	125	90	245	94	56	143
----- number..	239	22	146	123	332	130	70	204
Grain and bean combines ----- farms..	107	18	105	33	78	91	54	101
----- number..	107	19	110	33	78	94	54	109
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	38	40	16	1	225	51	26	15
----- number..	38	40	24	(D)	226	51	26	15
Pickup balers ----- farms..	14	11	1	20	196	19	1	8
----- number..	14	12	(D)	20	211	19	(D)	8
Manufactured prior to 1983:								
Motortrucks, including pickups ----- farms..	822	609	986	571	1 030	1 065	595	618
----- number..	1 284	870	1 624	1 004	1 360	1 606	903	903
Wheel tractors ----- farms..	1 029	667	1 081	702	1 492	1 187	600	807
----- number..	3 076	1 594	3 432	2 203	4 466	3 754	2 060	2 745
Less than 40 horsepower (PTO) ----- farms..	504	312	558	419	736	600	287	512
----- number..	884	432	880	698	1 203	1 013	492	638
40 horsepower (PTO) or more ----- farms..	885	557	963	621	1 358	1 037	543	725
----- number..	2 192	1 182	2 552	1 505	3 263	2 741	1 568	1 907
Grain and bean combines ----- farms..	541	299	700	403	564	599	349	578
----- number..	576	310	761	435	661	697	359	617
Cottonpickers and strippers ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Mower conditioners ----- farms..	179	239	192	117	795	268	148	118
----- number..	181	239	216	(D)	814	278	167	135
Pickup balers ----- farms..	335	347	228	189	902	355	311	187
----- number..	396	396	(D)	190	1 074	392	(D)	189

<sup>1</sup>Data for 1982 include self-propelled only.

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used			Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
			1987..						
Commercial fertilizer ----- farms,		1982..							
acres on which used,		1987..							
		1982..							
Cropland fertilized, except pastureland ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Pastureland and rangeland fertilized ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Lime ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
tons,		1987..							
		1982..							
Sprays, dusts, granules, fumigants, etc., to control--									
Insects on hay and other crops ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Nematodes in crops ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Diseases in crops and orchards ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Weeds, grass, or brush in crops and pasture ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							

Chemicals used			Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
			1987..						
		1982..							
Commercial fertilizer ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Cropland fertilized, except pastureland ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Pastureland and rangeland fertilized ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Lime ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
tons,		1987..							
		1982..							
Sprays, dusts, granules, fumigants, etc., to control--									
Insects on hay and other crops ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Nematodes in crops ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Diseases in crops and orchards ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Weeds, grass, or brush in crops and pasture ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,		1987..							
		1982..							
acres on which used,		1987..							
		1982..							

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Carroll		Cass		Cedar		Cerro Gordo		Cherokee		Chickasaw		Clarke	
	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982
Commercial fertilizer ----- farms,	1 098	1 049	732	793	952	1 022	734	822	923	907	857	875	511	488
acres on which used, 1987..	177 086	169 679	142 243	161 840	163 978	204 672	138 169	174 533	132 346	135 505	139 328	160 989	59 747	64 750
acres on which used, 1982..	169 679		161 840		204 672		174 533		135 505		160 989		64 750	
Cropland fertilized, except pastureland ----- farms, 1987..	1 065	1 042	704	776	950	1 021	734	822	915	899	857	854	493	486
acres on which used, 1987..	172 636	165 905	128 368	148 010	162 610	202 825	137 409	173 899	130 265	133 255	138 068	159 880	52 232	61 249
acres on which used, 1982..	165 905		148 010		202 825		173 899		133 255		159 880		61 249	
Pastureland and rangeland fertilized ----- farms, 1987..	112	100	172	198	52	65	8	17	31	58	40	48	136	45
acres on which used, 1987..	4 450	3 774	13 875	13 830	1 368	1 847	760	634	2 081	2 250	1 260	1 109	7 515	3 501
acres on which used, 1982..	3 774		13 830		1 847		634		2 250		1 109		3 501	
Lime ----- farms, 1987..	166	76	194	97	206	211	50	36	221	70	310	151	168	96
acres on which used, 1987..	11 844	5 904	16 113	5 933	17 316	18 281	4 278	2 456	19 117	3 885	22 598	6 138	8 310	4 581
acres on which used, 1982..	5 904	17 761	5 933	32 188	18 281	42 133	2 456	9 960	3 885	29 995	62 645	17 336	21 635	10 147
tons, 1987..	17 761	8 212	32 188	11 070	42 133	43 655	9 960	6 464	29 995	6 597	62 645	17 336	21 635	10 147
tons, 1982..	8 212		11 070		43 655		6 464		6 597		17 336		10 147	
Sprays, dusts, granules, fumigants, etc., to control—														
Insects on hay and other crops ----- farms, 1987..	490	438	490	424	705	753	352	408	459	369	530	484	210	172
acres on which used, 1987..	52 621	60 583	61 690	74 748	85 317	133 475	46 132	75 220	53 177	49 758	55 892	82 443	18 748	27 353
acres on which used, 1982..	60 583		74 748		133 475		75 220		49 758		82 443		27 353	
Nematodes in crops ----- farms, 1987..	19	35	15	13	63	65	30	36	10	50	56	29	37	7
acres on which used, 1987..	1 921	1 890	2 447	1 840	6 960	16 232	1 994	3 588	590	3 640	4 520	2 132	3 486	350
acres on which used, 1982..	1 890		1 840		16 232		3 588		3 640		2 132		350	
Diseases in crops and orchards ----- farms, 1987..	27	21	5	2	12	16	25	3	29	14	37	7	10	1
acres on which used, 1987..	2 312	1 973	10	(D)	(D)	3 049	1 684	1 585	6 371	3 781	2 948	35	883	(D)
acres on which used, 1982..	1 973		(D)		3 049		1 585		3 781		35		(D)	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	884	886	655	678	798	843	675	739	789	863	708	740	425	348
acres on which used, 1987..	184 522	183 654	147 071	156 403	159 712	200 169	172 134	228 849	168 536	183 250	125 012	164 993	66 930	53 125
acres on which used, 1982..	183 654		156 403		200 169		228 849		183 250		164 993		53 125	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	11	14	16	23	8	26	21	9	2	13	17	3	42	8
acres on which used, 1987..	1 184	3 106	4 201	4 644	491	977	2 664	2 077	13	(D)	1 631	1 230	712	1 856
acres on which used, 1982..	3 106		4 644		977		2 077		1 644		1 230		1 856	

Chemicals used	Clay		Clayton		Clinton		Crawford		Dallas		Davis		Decatur	
	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982
Commercial fertilizer ----- farms, 1987..	709	833	1 304	1 351	1 224	1 287	1 042	1 139	775	809	663	682	487	519
acres on which used, 1987..	131 096	164 525	162 177	196 424	200 002	247 403	176 011	178 679	132 743	147 927	83 918	77 602	77 252	81 054
acres on which used, 1982..	164 525		196 424		247 403		178 679		147 927		77 602		81 054	
Cropland fertilized, except pastureland ----- farms, 1987..	700	827	1 304	1 317	1 210	1 276	1 004	1 115	768	789	647	658	460	494
acres on which used, 1987..	129 482	161 257	159 866	192 435	192 278	244 202	168 762	168 304	131 344	145 844	74 932	69 361	59 603	65 588
acres on which used, 1982..	161 257		192 435		244 202		168 304		145 844		69 361		65 588	
Pastureland and rangeland fertilized ----- farms, 1987..	36	66	55	118	106	74	176	249	38	49	161	138	125	129
acres on which used, 1987..	1 614	3 268	2 311	3 989	7 724	3 201	7 249	10 375	1 399	2 083	8 986	8 241	17 649	15 466
acres on which used, 1982..	3 268		3 989		3 201		10 375		2 083		8 241		15 466	
Lime ----- farms, 1987..	125	81	414	417	304	262	171	57	72	69	246	156	169	129
acres on which used, 1987..	8 444	3 196	18 111	15 805	18 589	13 269	12 780	4 104	6 212	3 652	20 445	4 930	11 934	6 272
acres on which used, 1982..	3 196	13 138	15 805	53 731	13 269	54 240	4 104	21 651	3 652	11 067	52 769	14 495	35 699	17 050
tons, 1987..	13 138	6 684	53 731	41 010	54 240	39 145	21 651	8 965	11 067	7 752	52 769	14 495	35 699	17 050
tons, 1982..	6 684		41 010		39 145		8 965		7 752		14 495		17 050	
Sprays, dusts, granules, fumigants, etc., to control—														
Insects on hay and other crops ----- farms, 1987..	234	274	897	819	870	943	509	588	282	218	254	341	174	235
acres on which used, 1987..	28 067	47 228	93 206	119 316	110 419	173 226	62 743	72 725	25 202	36 321	26 919	43 966	18 134	34 551
acres on which used, 1982..	47 228		119 316		173 226		72 725		36 321		43 966		34 551	
Nematodes in crops ----- farms, 1987..	33	25	67	92	35	91	37	15	27	1	9	73	6	15
acres on which used, 1987..	3 147	6 735	7 328	11 054	2 310	13 892	2 685	1 574	4 309	(D)	1 169	7 292	1 061	2 474
acres on which used, 1982..	6 735		11 054		13 892		1 574		(D)		7 292		2 474	
Diseases in crops and orchards ----- farms, 1987..	1	6	10	12	13	29	19	6	25	15	-	6	21	26
acres on which used, 1987..	(D)	18	190	1 555	1 447	7 253	751	690	3 639	(D)	-	60	3 944	3 590
acres on which used, 1982..	18		1 555		7 253		690		(D)		60		3 590	
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	599	769	881	887	904	1 041	947	943	802	864	550	488	388	424
acres on which used, 1987..	174 991	249 175	100 811	119 541	171 855	201 199	170 797	174 861	191 817	214 724	60 313	83 041	66 631	60 431
acres on which used, 1982..	249 175		119 541		201 199		174 861		214 724		83 041		60 431	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	9	1	14	20	2	40	20	25	13	7	8	25	6	15
acres on which used, 1987..	912	(D)	462	3 618	(D)	1 407	4 373	5 360	548	350	(D)	666	72	358
acres on which used, 1982..	(D)		3 618		1 407		5 360		350		666		358	

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	County							
	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Commercial fertilizer ----- farms, 1987--	1 209	617	485	1 295	539	1 253	771	827
----- farms, 1982--	1 159	594	525	1 322	596	1 343	876	949
acres on which used, 1987--	180 421	95 066	85 279	139 482	100 583	199 597	126 585	164 923
----- farms, 1982--	206 308	102 246	102 884	147 585	119 550	230 000	161 183	177 188
Cropland fertilized, except pastureland ----- farms, 1987--	1 203	611	485	1 278	539	1 221	762	827
----- farms, 1982--	1 148	577	524	1 290	592	1 325	876	949
acres on which used, 1987--	178 422	91 408	84 684	134 939	100 223	196 820	125 989	(D)
----- farms, 1982--	204 368	99 704	100 779	143 003	116 737	226 036	160 789	175 735
Pastureland and rangeland fertilized ----- farms, 1987--	48	69	17	125	5	90	30	3
----- farms, 1982--	78	58	35	123	51	102	20	25
acres on which used, 1987--	1 999	3 658	595	4 543	360	2 777	596	(D)
----- farms, 1982--	1 940	2 542	2 105	4 582	2 813	3 964	394	1 453
Lime ----- farms, 1987--	416	183	24	525	7	330	122	95
----- farms, 1982--	219	133	21	393	22	196	80	66
acres on which used, 1987--	23 743	11 047	775	20 019	780	16 115	8 371	8 225
----- farms, 1982--	11 182	8 750	1 711	16 548	484	7 921	3 662	5 143
tons, 1987--	71 569	28 998	1 307	62 830	1 520	41 684	20 248	22 563
----- farms, 1982--	31 801	23 814	2 248	44 215	1 372	21 048	11 825	15 130
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1987--	842	357	185	897	142	697	296	329
----- farms, 1982--	731	390	125	898	157	679	216	345
acres on which used, 1987--	109 821	38 729	16 506	71 310	19 752	87 243	31 262	45 041
----- farms, 1982--	116 350	59 196	23 462	85 383	18 268	103 239	43 795	51 599
Nematodes in crops ----- farms, 1987--	57	23	9	146	7	66	20	12
----- farms, 1982--	48	30	1	92	17	84	16	22
acres on which used, 1987--	7 172	1 727	36	9 013	1 152	7 310	691	1 813
----- farms, 1982--	4 826	1 504	(D)	8 403	1 489	6 687	2 060	2 399
Diseases in crops and orchards ----- farms, 1987--	2	14	16	39	-	21	6	9
----- farms, 1982--	2	10	-	36	8	15	1	7
acres on which used, 1987--	(D)	899	16	1 815	-	1 915	337	(D)
----- farms, 1982--	(D)	462	-	1 501	240	3 115	(D)	1 235
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	905	506	437	894	478	930	700	792
----- farms, 1982--	809	456	503	942	596	1 018	796	845
acres on which used, 1987--	129 452	82 584	114 490	75 498	140 331	162 871	149 641	203 360
----- farms, 1982--	141 446	106 430	136 407	89 085	178 320	199 886	197 524	241 093
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	29	3	1	20	9	13	7	-
----- farms, 1982--	26	21	4	38	14	15	1	11
acres on which used, 1987--	1 930	(D)	(D)	2 375	923	1 381	1 127	-
----- farms, 1982--	3 319	2 399	296	2 815	1 841	1 226	(D)	2 250

Chemicals used	County							
	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer ----- farms, 1987--	612	786	879	712	884	902	869	841
----- farms, 1982--	600	815	906	744	943	955	915	979
acres on which used, 1987--	116 851	156 120	159 353	107 726	166 401	170 668	165 200	177 067
----- farms, 1982--	106 382	160 377	160 671	122 404	190 343	173 502	189 383	194 826
Cropland fertilized, except pastureland ----- farms, 1987--	602	786	879	679	884	890	869	831
----- farms, 1982--	575	796	894	710	943	949	905	974
acres on which used, 1987--	113 738	154 911	156 852	101 294	165 974	170 242	163 498	169 663
----- farms, 1982--	100 910	158 142	159 132	112 885	190 135	172 163	187 461	182 281
Pastureland and rangeland fertilized ----- farms, 1987--	79	14	69	80	28	20	58	149
----- farms, 1982--	143	53	38	159	16	54	53	242
acres on which used, 1987--	3 113	1 209	2 501	6 432	427	426	1 702	7 404
----- farms, 1982--	5 472	2 235	1 539	9 519	208	1 339	1 922	12 545
Lime ----- farms, 1987--	67	71	289	234	65	60	148	10
----- farms, 1982--	68	37	113	146	24	9	53	25
acres on which used, 1987--	4 222	9 711	22 292	18 871	4 753	4 291	10 872	510
----- farms, 1982--	5 703	1 756	7 472	6 547	2 360	722	2 868	466
tons, 1987--	8 469	19 913	49 076	33 915	9 586	15 343	20 574	900
----- farms, 1982--	9 604	3 643	16 196	12 757	3 325	2 136	7 949	378
Sprays, dusts, granules, fumigants, etc., to control--								
Insects on hay and other crops ----- farms, 1987--	276	131	495	190	222	337	378	423
----- farms, 1982--	172	157	428	417	165	233	331	532
acres on which used, 1987--	39 499	18 568	70 060	20 813	35 562	35 434	49 639	60 737
----- farms, 1982--	32 155	26 182	65 802	54 599	34 344	34 764	58 899	79 786
Nematodes in crops ----- farms, 1987--	12	3	16	-	11	9	19	26
----- farms, 1982--	6	9	29	9	22	2	14	11
acres on which used, 1987--	1 220	281	7 171	-	244	531	1 960	3 726
----- farms, 1982--	696	1 313	2 010	2 061	3 485	(D)	1 049	270
Diseases in crops and orchards ----- farms, 1987--	13	11	15	19	20	2	14	13
----- farms, 1982--	10	2	22	10	2	6	14	12
acres on which used, 1987--	971	506	1 810	3 868	2 535	(D)	1 128	578
----- farms, 1982--	920	(D)	7 655	4 078	(D)	12	536	587
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	563	775	788	698	782	819	728	682
----- farms, 1982--	588	743	822	653	820	837	851	748
acres on which used, 1987--	169 812	227 446	190 282	138 245	209 924	217 512	202 215	190 293
----- farms, 1982--	171 568	216 812	197 844	130 155	230 633	221 460	224 751	190 756
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	2	1	11	3	1	9	3	9
----- farms, 1982--	17	8	7	16	19	8	15	-
acres on which used, 1987--	(D)	(D)	1 114	(D)	(D)	1 478	(D)	652
----- farms, 1982--	4 064	2 773	(D)	5 466	4 821	1 824	2 134	-

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	County							
	Henry	Howard	Humboldt	Ia	Iowa	Jackson	Jasper	Jefferson
Commercial fertilizer ----- farms, 1987..	719	781	677	647	841	1 057	1 089	566
1982..	732	830	698	704	882	1 086	1 103	634
acres on which used, 1987..	100 145	127 106	127 216	122 373	140 903	117 100	163 343	89 040
1982..	112 849	128 318	147 641	122 332	160 142	136 484	183 706	92 113
Cropland fertilized, except pastureland ----- farms, 1987..	705	781	677	646	830	1 046	1 079	566
1982..	732	830	698	696	859	1 067	1 090	634
acres on which used, 1987..	99 267	125 939	127 084	117 567	133 196	109 914	160 755	86 451
1982..	111 215	124 392	(D)	118 567	150 755	128 545	178 450	88 806
Pastureland and rangeland fertilized ----- farms, 1987..	31	49	11	51	112	164	84	45
1982..	36	77	1	78	165	139	114	62
acres on which used, 1987..	878	1 167	132	4 806	7 707	7 186	2 588	2 589
1982..	1 634	3 926	(D)	3 765	9 387	7 939	5 256	3 307
Lime ----- farms, 1987..	267	230	52	106	230	283	362	226
1982..	167	126	35	93	158	267	223	121
acres on which used, 1987..	19 954	16 782	3 490	8 691	12 821	9 381	25 064	13 088
1982..	8 421	4 963	2 211	5 749	8 529	6 833	12 536	5 895
tons, 1987..	57 796	47 765	5 054	16 806	29 400	29 784	55 367	32 625
1982..	22 065	13 438	4 574	12 675	20 216	21 540	30 581	14 898
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	388	429	230	339	648	648	643	292
1982..	452	294	188	385	518	754	694	245
acres on which used, 1987..	41 844	45 963	33 586	44 192	88 991	58 072	71 378	39 368
1982..	67 592	30 764	25 536	55 209	106 151	90 576	87 202	34 864
Nematodes in crops ----- farms, 1987..	18	15	17	35	29	42	32	3
1982..	11	20	7	32	62	61	34	24
acres on which used, 1987..	1 327	977	990	3 888	3 317	4 494	1 666	473
1982..	1 121	860	1 080	5 846	9 254	8 351	5 268	3 100
Diseases in crops and orchards ----- farms, 1987..	2	15	11	3	14	9	10	8
1982..	13	12	-	8	17	9	7	32
acres on which used, 1987..	(D)	1 901	707	947	1 090	1 037	395	8
1982..	(D)	497	-	1 790	1 794	986	46	3 656
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	560	611	590	575	701	657	965	530
1982..	572	675	635	566	629	723	984	525
acres on which used, 1987..	91 420	122 662	167 989	143 557	118 189	69 396	208 990	103 253
1982..	111 014	133 648	194 915	120 892	139 982	87 659	203 812	105 825
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	9	11	24	-	3	15	44	1
1982..	46	14	8	1	41	16	11	19
acres on which used, 1987..	1 504	449	2 215	-	(D)	1 002	5 583	(D)
1982..	1 876	2 031	2 031	(D)	7 799	520	2 346	2 168

Chemicals used	County							
	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Commercial fertilizer ----- farms, 1987..	1 006	928	825	1 547	787	1 243	563	478
1982..	1 105	1 026	837	1 518	811	1 350	566	431
acres on which used, 1987..	134 854	139 119	141 433	276 070	110 361	169 325	92 709	53 664
1982..	164 196	169 241	146 457	294 024	106 313	183 969	103 373	52 807
Cropland fertilized, except pastureland ----- farms, 1987..	992	921	792	1 547	778	1 243	551	462
1982..	1 088	1 021	826	1 518	806	1 344	566	422
acres on which used, 1987..	131 790	136 356	132 000	275 548	107 066	167 835	91 631	41 863
1982..	160 467	164 496	142 885	293 146	103 243	182 190	101 522	44 542
Pastureland and rangeland fertilized ----- farms, 1987..	82	69	146	17	69	43	32	83
1982..	117	86	84	20	70	38	55	91
acres on which used, 1987..	3 064	2 763	9 433	522	3 295	1 490	1 078	11 801
1982..	3 729	4 745	3 572	878	3 070	1 779	1 851	8 265
Lime ----- farms, 1987..	268	216	237	40	185	226	156	127
1982..	261	169	163	3	170	211	76	53
acres on which used, 1987..	13 760	17 158	20 112	1 740	12 765	14 743	12 753	4 831
1982..	15 231	9 962	13 915	140	6 337	6 974	5 034	1 599
tons, 1987..	34 485	50 652	47 852	4 559	36 296	38 562	29 073	13 168
1982..	41 792	30 374	35 076	395	14 317	19 574	12 923	5 015
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	636	670	528	413	386	679	378	245
1982..	738	715	495	323	388	635	304	214
acres on which used, 1987..	71 873	90 403	85 683	49 815	42 304	71 284	53 625	20 067
1982..	101 413	109 002	83 378	48 823	53 132	85 745	39 351	19 478
Nematodes in crops ----- farms, 1987..	36	73	45	3	2	29	29	19
1982..	108	70	65	28	27	59	45	37
acres on which used, 1987..	3 269	6 832	6 127	1 121	(D)	2 563	2 798	1 075
1982..	18 447	7 734	6 785	4 155	2 209	6 648	10 256	3 651
Diseases in crops and orchards ----- farms, 1987..	10	14	11	8	7	6	30	7
1982..	48	22	15	14	28	24	20	4
acres on which used, 1987..	333	784	926	98	40	236	3 828	350
1982..	1 885	879	1 633	3 430	2 231	3 597	7 380	772
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	801	689	693	1 429	636	1 046	453	339
1982..	785	818	793	1 368	635	1 149	545	337
acres on which used, 1987..	125 588	110 398	143 683	394 042	112 563	158 428	111 667	44 873
1982..	136 392	149 691	159 798	404 199	100 063	203 352	120 472	44 969
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	18	35	10	3	16	35	14	1
1982..	26	7	32	20	31	17	21	7
acres on which used, 1987..	1 745	1 037	462	240	1 531	705	483	(D)
1982..	1 410	920	2 423	9 478	4 568	1 005	2 120	14

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	County								
	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona	
Commercial fertilizer ----- farms, 1987..	1 017	674	1 023	840	781	551	663	744	
	1 081	698	883	761	897	524	792	761	
	1982..								
	162 888	87 385	127 438	93 127	141 828	100 172	127 633	182 829	
acres on which used, 1987..	171 432	91 240	135 530	92 854	162 632	109 394	133 098	195 670	
1982..									
Cropland fertilized, except pastureland ----- farms, 1987..	1 017	648	990	825	765	522	654	744	
	1 081	674	864	741	891	519	785	760	
	1982..								
	160 951	78 082	125 267	87 691	139 140	97 513	127 101	177 493	
acres on which used, 1987..	166 515	79 025	130 668	89 725	158 808	104 320	132 188	187 433	
1982..									
Pastureland and rangeland fertilized ----- farms, 1987..	50	113	73	99	44	62	23	79	
	77	135	100	84	59	76	18	93	
	1982..								
	1 737	9 303	2 171	5 436	2 688	2 659	532	5 336	
acres on which used, 1987..	4 917	12 215	4 862	3 129	3 824	5 074	910	8 237	
1982..									
Lime ----- farms, 1987..	81	175	328	239	269	54	138	11	
	54	96	146	101	93	13	81	7	
	1982..								
	6 177	11 230	29 705	15 128	24 432	3 059	7 139	1 710	
acres on which used, 1987..	3 498	2 352	10 060	6 640	7 092	1 029	5 295	938	
1982..	11 363	27 281	68 672	35 258	60 136	6 307	21 661	2 505	
tons, 1987..	6 716	5 356	24 259	12 065	17 061	2 391	14 305	1 738	
1982..									
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ----- farms, 1987..	472	276	517	386	463	266	353	376	
	378	238	629	386	606	213	339	383	
	1982..								
	59 045	23 096	58 820	34 025	64 925	36 494	45 088	66 043	
acres on which used, 1987..	50 822	30 340	78 841	39 482	94 552	47 804	49 362	76 825	
1982..									
Nematodes in crops ----- farms, 1987..	17	49	34	29	24	20	7	15	
	11	42	28	36	20	19	44	28	
	1982..								
	2 550	3 544	3 587	2 954	1 987	984	2 280	3 901	
acres on which used, 1987..	1 819	3 964	3 846	5 314	2 130	2 880	4 026	5 729	
1982..									
Diseases in crops and orchards ----- farms, 1987..	13	25	1	1	18	20	17	35	
	16	2	10	7	19	14	26	1	
	1982..								
	861	3 168	(D)	(D)	1 604	1 186	760	1 997	
acres on which used, 1987..	5 400	(D)	2 235	(D)	1 812	4 861	4 072	(D)	
1982..									
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	840	603	818	664	746	517	630	609	
	901	662	734	645	741	472	680	615	
	1982..								
	178 188	106 497	157 875	99 191	163 851	134 890	146 246	193 925	
acres on which used, 1987..	195 602	115 485	142 671	108 404	182 790	167 304	157 916	191 120	
1982..									
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	8	-	2	11	2	21	1	9	
	21	16	9	38	29	11	3	1	
	1982..								
	1 028	-	(D)	1 120	(D)	1 749	(D)	360	
acres on which used, 1987..	4 497	606	181	1 419	1 874	4 146	1 402	(D)	
1982..									

Chemicals used	County								
	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth	
Commercial fertilizer ----- farms, 1987..	488	572	671	1 016	839	809	845	1 379	
	414	514	786	1 039	873	750	805	1 418	
	1982..								
	66 927	97 104	108 102	174 268	102 880	117 562	145 989	233 968	
acres on which used, 1987..	44 059	100 118	129 609	165 279	121 640	115 732	148 389	267 285	
1982..									
Cropland fertilized, except pastureland ----- farms, 1987..	485	553	671	1 012	627	782	845	1 361	
	376	493	786	1 014	672	717	796	1 398	
	1982..								
	54 414	87 877	106 907	174 182	102 182	104 470	144 888	223 827	
acres on which used, 1987..	36 153	91 577	126 484	162 460	121 204	99 993	147 729	256 849	
1982..									
Pastureland and rangeland fertilized ----- farms, 1987..	95	117	36	8	37	175	56	190	
	102	134	70	76	20	243	37	212	
	1982..								
	12 513	9 227	1 195	86	698	13 092	1 101	10 141	
acres on which used, 1987..	7 906	8 541	3 125	2 819	436	15 739	660	10 436	
1982..									
Lime ----- farms, 1987..	160	165	124	280	77	201	73	94	
	69	96	106	113	33	115	12	81	
	1982..								
	9 237	15 727	10 535	24 099	10 154	15 801	3 875	6 972	
acres on which used, 1987..	3 268	5 291	5 204	9 749	1 010	6 609	1 059	5 533	
1982..	22 922	30 825	25 021	38 485	12 073	31 737	6 355	12 838	
tons, 1987..	8 166	11 216	12 575	17 922	1 376	15 323	1 539	7 785	
1982..									
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ----- farms, 1987..	183	233	449	376	133	348	226	689	
	178	314	538	310	127	324	252	782	
	1982..								
	13 832	34 626	52 035	57 224	17 138	29 675	37 694	86 722	
acres on which used, 1987..	11 597	43 848	74 879	46 403	20 220	34 704	34 217	107 511	
1982..									
Nematodes in crops ----- farms, 1987..	16	15	33	27	1	8	4	51	
	37	6	62	10	15	13	10	51	
	1982..								
	3 696	1 711	3 824	3 675	(D)	141	1 730	6 078	
acres on which used, 1987..	3 150	1 004	5 715	1 910	1 612	4 881	2 915	8 259	
1982..									
Diseases in crops and orchards ----- farms, 1987..	-	1	56	28	17	7	8	18	
	6	16	32	10	1	6	8	26	
	1982..								
	-	(D)	3 326	3 613	2 726	852	(D)	543	
acres on which used, 1987..	28	1 286	2 065	(D)	(D)	1 623	3 685	2 762	
1982..									
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	453	504	546	893	598	796	742	1 191	
	363	442	554	962	547	659	693	1 240	
	1982..								
	52 415	112 813	96 672	212 408	149 156	144 863	188 100	229 404	
acres on which used, 1987..	38 154	122 345	101 251	232 875	151 122	147 981	206 757	264 985	
1982..									
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	16	3	9	10	17	1	14	17	
	33	11	35	11	34	-	25	22	
	1982..								
	320	(D)	1 435	2 059	1 810	(D)	3 092	3 598	
acres on which used, 1987..	2 067	(D)	1 367	1 447	5 666	-	4 730	3 152	
1982..									

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Commercial fertilizer ----- farms, 1987--	862	687	1 247	810	515	817	723	989
1982--	921	732	1 340	897	569	867	858	1 048
acres on which used, 1987--	142 329	105 398	243 740	128 840	80 907	144 080	128 697	181 850
1982--	163 919	101 556	278 866	137 863	98 890	177 881	160 666	172 535
Cropland fertilized, except pastureland ----- farms, 1987--	857	674	1 204	793	496	810	716	971
1982--	921	714	1 322	884	559	867	890	1 034
acres on which used, 1987--	142 219	104 961	234 939	120 088	65 769	142 271	126 523	176 577
1982--	(D)	100 094	270 904	130 988	81 235	175 308	158 256	165 873
Pastureland and rangeland fertilized ----- farms, 1987--	6	27	217	121	153	40	45	133
1982--	2	63	233	132	217	62	78	146
acres on which used, 1987--	110	437	8 801	8 752	15 138	1 809	2 174	5 273
1982--	(D)	1 462	7 962	6 875	17 655	2 573	2 410	6 662
Lime ----- farms, 1987--	99	105	116	273	200	125	175	169
1982--	34	52	132	141	155	174	125	53
acres on which used, 1987--	4 045	8 152	6 846	18 743	13 178	8 730	12 760	15 178
1982--	1 140	3 761	9 199	6 445	7 158	11 995	7 528	8 218
tons, 1987--	7 265	17 644	12 072	45 351	30 782	13 023	31 800	30 099
1982--	2 098	9 445	19 865	15 465	18 113	21 596	17 238	16 449
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	186	273	827	450	215	365	576	553
1982--	199	221	837	457	310	399	592	611
acres on which used, 1987--	23 938	32 429	104 387	41 146	22 955	50 764	73 420	75 970
1982--	43 650	25 018	136 012	59 774	36 150	73 824	111 582	82 326
Nematodes in crops ----- farms, 1987--	23	35	17	—	8	17	96	36
1982--	5	20	46	27	7	22	71	27
acres on which used, 1987--	2 640	2 801	3 130	—	1 756	1 718	12 006	5 958
1982--	1 013	506	6 990	2 011	1 848	6 354	9 620	5 005
Diseases in crops and orchards ----- farms, 1987--	—	23	12	—	1	14	15	1
1982--	1	19	20	31	15	13	11	10
acres on which used, 1987--	—	2 967	526	—	(D)	2 951	760	(D)
1982--	(D)	2 258	4 615	3 872	1 711	4 484	1 840	798
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	735	600	1 114	726	394	699	587	870
1982--	857	669	1 078	780	469	746	659	777
acres on which used, 1987--	207 380	150 632	292 057	146 173	76 073	170 520	113 108	178 499
1982--	249 407	157 628	310 986	151 595	78 724	226 065	132 922	146 151
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	23	9	7	19	16	16	2	3
1982--	17	18	18	14	19	14	8	2
acres on which used, 1987--	3 778	402	790	4 659	88	3 385	(D)	1 760
1982--	2 434	966	4 163	6 160	2 513	42	720	(D)

Chemicals used	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Commercial fertilizer ----- farms, 1987--	1 513	846	1 157	580	487	593	560	814
1982--	1 512	931	1 142	578	537	627	686	807
acres on which used, 1987--	250 375	143 994	169 572	80 240	61 843	68 567	64 030	96 002
1982--	256 376	161 609	179 791	78 476	63 096	79 669	85 430	112 425
Cropland fertilized, except pastureland ----- farms, 1987--	1 487	845	1 148	573	468	578	547	783
1982--	1 505	922	1 118	571	513	615	673	790
acres on which used, 1987--	249 310	143 404	166 017	70 488	50 199	63 021	60 770	89 225
1982--	252 191	160 459	173 951	67 329	51 057	75 467	81 092	105 495
Pastureland and rangeland fertilized ----- farms, 1987--	54	35	66	87	110	104	52	84
1982--	67	31	150	138	141	85	78	98
acres on which used, 1987--	1 065	590	3 555	9 752	11 644	5 546	3 260	6 777
1982--	4 185	1 150	5 840	11 147	12 039	4 202	4 338	6 930
Lime ----- farms, 1987--	261	88	267	186	145	249	198	174
1982--	115	47	162	78	156	110	146	145
acres on which used, 1987--	20 324	7 764	24 781	19 196	6 313	17 452	9 247	9 927
1982--	7 721	3 412	9 249	4 185	6 047	3 409	4 990	6 419
tons, 1987--	38 696	19 490	54 158	38 288	14 662	51 957	24 925	20 075
1982--	13 242	8 759	22 843	8 832	13 530	8 730	13 588	13 369
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987--	943	250	748	248	190	282	224	387
1982--	888	250	586	220	292	239	275	487
acres on which used, 1987--	117 503	29 600	86 558	27 021	17 603	30 186	23 847	34 057
1982--	127 481	39 527	86 410	32 969	22 809	38 630	39 786	66 989
Nematodes in crops ----- farms, 1987--	65	2	24	20	5	7	9	29
1982--	47	13	68	47	6	27	41	72
acres on which used, 1987--	7 738	(D)	1 750	1 285	919	420	368	3 153
1982--	8 037	2 015	3 902	4 067	775	2 698	2 272	4 939
Diseases in crops and orchards ----- farms, 1987--	29	9	36	—	—	28	—	12
1982--	37	6	6	15	22	25	9	25
acres on which used, 1987--	1 838	28	1 164	—	—	1 772	—	916
1982--	4 320	(D)	858	1 160	858	2 356	1 992	722
Weeds, grass, or brush in crops and pasture ----- farms, 1987--	1 240	835	923	528	424	458	451	685
1982--	1 234	868	958	574	531	491	639	763
acres on which used, 1987--	231 484	207 693	185 828	93 817	78 611	62 777	70 344	102 534
1982--	238 926	227 780	205 894	98 433	78 167	84 317	86 613	133 099
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987--	7	15	6	—	10	11	5	7
1982--	35	13	24	15	8	5	20	40
acres on which used, 1987--	2 822	2 633	84	—	388	505	85	14
1982--	3 636	3 265	355	1 000	759	2 200	7 594	1 356

**Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Commercial fertilizer ----- farms, 1987..	907	524	1 028	634	1 332	1 024	547	784
1982..	889	615	1 056	619	1 337	1 125	619	837
acres on which used, 1987..	127 132	70 094	186 178	105 694	152 409	213 612	94 189	160 046
1982..	162 864	92 628	188 185	123 939	161 780	259 200	126 281	171 400
Cropland fertilized, except pastureland ----- farms, 1987..	906	484	1 020	634	1 283	1 003	541	784
1982..	889	587	1 056	619	1 309	1 074	619	837
acres on which used, 1987..	123 899	56 591	185 947	(D)	146 824	203 563	93 384	159 741
1982..	159 833	82 862	188 093	123 715	158 653	245 986	126 058	171 127
Pastureland and rangeland fertilized ----- farms, 1987..	71	158	15	1	149	157	22	13
1982..	55	140	8	14	138	244	14	4
acres on which used, 1987..	3 233	13 503	231	(D)	5 585	10 049	805	305
1982..	3 031	9 766	92	224	3 127	13 214	223	273
Lime ----- farms, 1987..	310	191	63	19	436	52	33	12
1982..	133	123	32	7	243	31	50	5
acres on which used, 1987..	23 354	12 394	5 948	1 442	15 297	6 178	3 845	1 393
1982..	8 295	4 585	1 981	416	10 223	2 937	4 705	330
tons, 1987..	56 771	31 754	13 301	2 368	45 837	8 920	9 092	2 159
1982..	23 304	12 053	3 302	675	21 129	3 726	5 777	800
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1987..	565	293	245	153	947	638	225	140
1982..	605	303	176	165	945	630	246	139
acres on which used, 1987..	68 727	33 486	31 322	16 159	76 911	114 525	19 166	17 854
1982..	112 411	49 535	30 736	21 037	110 803	144 247	26 249	22 913
Nematodes in crops ----- farms, 1987..	8	28	7	7	57	35	7	14
1982..	82	7	8	21	164	22	9	6
acres on which used, 1987..	1 578	2 411	91	105	5 037	4 708	592	335
1982..	13 504	1 750	632	1 698	18 599	3 468	1 317	430
Diseases in crops and orchards ----- farms, 1987..	22	—	20	—	33	3	2	10
1982..	41	—	8	8	39	7	12	9
acres on which used, 1987..	1 508	—	(D)	—	1 459	1 113	(D)	464
1982..	7 933	—	2 062	1 200	3 501	656	1 502	2 890
Weeds, grass, or brush in crops and pasture ----- farms, 1987..	729	413	969	574	1 025	942	520	778
1982..	767	483	987	612	769	935	589	730
acres on which used, 1987..	134 519	62 000	280 739	157 332	99 233	213 291	122 040	242 315
1982..	160 224	80 627	296 995	158 517	95 982	248 884	165 714	240 572
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1987..	12	13	8	5	22	2	2	—
1982..	22	14	5	7	25	6	13	30
acres on which used, 1987..	3 475	436	1 403	(D)	1 704	(D)	(D)	—
1982..	2 105	504	375	4 258	8 480	790	1 489	4 776

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>FARMS</b>								
Land in farms	farms, 1987..	105 180	970	688	1 062	891	851	1 434
	1982..	115 413	1 085	737	1 134	900	905	1 585
acres, 1987..	31 638 130	353 365	243 607	321 226	244 661	268 437	419 480	
	1982..	32 611 964	355 269	254 071	351 756	236 501	283 782	441 810
Harvested cropland	farms, 1987..	92 878	859	587	928	761	721	1 276
	1982..	103 644	963	662	1 021	794	820	1 434
acres, 1987..	20 484 178	196 940	115 532	140 120	94 539	172 611	301 315	
	1982..	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
<b>TENURE OF OPERATOR</b>								
Full owners	farms, 1987..	48 226	474	376	613	591	379	576
	1982..	52 934	531	367	645	561	434	689
acres, 1987..	7 963 226	94 098	87 212	145 479	108 908	64 802	91 377	
	1982..	9 348 834	113 020	93 608	164 413	109 707	87 705	122 761
Harvested cropland	farms, 1987..	37 835	389	288	490	482	284	445
	1982..	43 087	440	303	548	474	361	552
acres, 1987..	4 398 979	45 772	38 470	53 830	36 362	36 778	60 146	
	1982..	6 133 611	64 574	49 743	70 175	40 844	60 371	92 185
Part owners	farms, 1987..	35 207	342	220	303	216	293	482
	1982..	38 427	362	236	333	251	282	544
acres, 1987..	17 255 971	210 610	121 802	133 982	108 393	149 891	221 250	
	1982..	17 113 389	191 977	109 325	144 596	103 339	145 777	234 373
Owned land in farms	acres, 1987..	7 087 134	92 972	67 428	83 330	51 341	67 173	88 894
	1982..	7 629 254	90 700	57 419	89 120	50 649	69 713	100 975
Rented land in farms	acres, 1987..	10 168 837	117 638	54 374	50 652	57 052	82 718	132 356
	1982..	9 484 135	101 277	51 906	55 476	52 690	76 064	133 398
Harvested cropland	farms, 1987..	34 647	337	215	301	207	282	477
	1982..	37 829	355	227	328	242	277	539
acres, 1987..	11 572 966	123 184	60 026	63 740	47 840	99 732	161 777	
	1982..	13 088 725	119 302	64 377	78 999	46 705	107 041	190 131
Tenants	farms, 1987..	21 747	154	92	146	84	179	376
	1982..	24 052	172	134	156	88	189	352
acres, 1987..	6 418 933	48 657	34 593	41 765	27 360	53 744	106 853	
	1982..	6 149 741	50 272	51 138	42 747	23 455	50 300	84 676
Harvested cropland	farms, 1987..	20 396	133	84	137	72	155	354
	1982..	22 728	168	132	145	78	182	343
acres, 1987..	4 512 233	27 984	17 096	22 550	10 337	36 101	79 392	
	1982..	4 915 334	33 431	28 394	22 113	10 530	40 215	70 238
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated	1987..	78 710	723	508	850	661	628	1 081
	1982..	87 160	822	557	921	653	680	1 208
Not on farm operated	1987..	20 505	204	151	153	178	165	274
	1982..	18 304	172	115	131	168	132	240
Not reported	1987..	5 965	43	29	59	52	58	79
	1982..	9 849	71	65	82	79	93	137
Operators by principal occupation:								
Farming	1987..	75 279	713	486	851	530	629	1 007
	1982..	86 041	853	590	938	528	730	1 161
Other	1987..	29 901	257	202	211	361	222	427
	1982..	29 372	212	147	196	372	175	424
Operators by days of work off farm:								
None	1987..	51 753	491	301	640	396	443	711
	1982..	55 958	556	359	649	354	471	784
Any	1987..	46 229	401	323	358	419	345	630
	1982..	48 480	412	283	373	461	329	661
1 to 49 days	1987..	9 615	101	74	88	50	80	124
	1982..	12 827	144	70	126	66	105	171
50 to 99 days	1987..	3 489	27	35	22	22	21	34
	1982..	3 473	33	33	18	17	33	56
100 to 149 days	1987..	3 325	17	27	32	33	31	50
	1982..	3 159	22	25	19	32	21	40
150 to 199 days	1987..	3 872	37	23	41	50	35	40
	1982..	3 681	34	27	40	46	32	48
200 days or more	1987..	25 928	219	164	175	264	178	382
	1982..	25 240	179	128	170	300	138	346
Not reported	1987..	7 198	78	64	64	76	63	93
	1982..	10 975	97	95	112	85	105	140
Operators by years on present farm:								
2 years or less	1987..	5 787	64	26	74	49	43	88
	1982..	6 382	47	52	64	49	37	84
3 or 4 years	1987..	5 973	46	44	63	41	51	88
	1982..	9 037	84	45	85	69	84	116
5 to 9 years	1987..	13 617	108	92	119	95	111	200
	1982..	17 921	150	109	166	153	122	253
10 years or more	1987..	65 721	626	431	653	563	517	896
	1982..	63 794	626	409	653	477	514	899
Average years on present farm	1987..	19.7	20.5	21.4	19.9	21.3	19.1	18.8
	1982..	17.9	18.9	19.3	18.1	17.9	18.0	17.7
Not reported	1987..	14 082	126	95	153	143	129	162
	1982..	18 279	158	122	166	152	148	233

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>FARMS</b>							
Land in farms ----- farms, 1987..	1 269	1 029	1 140	1 332	1 097	1 294	992
1982..	1 352	1 153	1 287	1 403	1 185	1 467	1 164
acres, 1987..	305 516	336 666	235 086	337 126	358 798	328 114	342 160
1982..	308 845	333 139	250 402	335 502	361 120	336 000	351 373
Harvested cropland ----- farms, 1987..	1 125	938	985	1 198	996	1 115	927
1982..	1 210	1 049	1 156	1 273	1 099	1 290	1 082
acres, 1987..	223 324	245 517	188 763	236 312	264 594	229 095	263 491
1982..	257 275	275 122	201 291	275 747	309 121	273 765	306 918
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987..	620	402	586	646	360	572	324
1982..	678	445	695	691	373	701	363
acres, 1987..	64 464	59 502	62 021	93 345	60 645	77 772	48 797
1982..	85 216	65 373	85 579	103 935	70 844	104 053	57 271
Harvested cropland ----- farms, 1987..	488	328	436	534	275	418	266
1982..	552	357	581	576	312	544	298
acres, 1987..	44 122	39 557	41 226	61 161	43 811	50 997	35 504
1982..	64 526	48 159	65 323	79 473	58 180	79 379	46 016
Part owners ----- farms, 1987..	413	415	329	387	427	440	400
1982..	426	470	370	443	494	427	436
acres, 1987..	179 467	211 067	127 684	178 653	211 328	181 461	203 452
1982..	176 953	205 599	124 567	177 336	209 592	161 541	193 562
Owned land in farms ----- acres, 1987..	68 018	63 402	53 126	77 314	65 729	73 756	61 059
1982..	78 432	79 022	59 243	82 717	76 527	73 928	68 560
Rented land in farms ----- acres, 1987..	111 449	147 665	74 558	101 339	145 599	107 705	142 393
1982..	98 521	126 577	65 324	94 619	133 065	87 613	125 002
Harvested cropland ----- farms, 1987..	410	407	325	382	421	434	398
1982..	422	460	363	438	485	424	428
acres, 1987..	134 121	156 553	94 288	128 560	154 623	128 386	158 983
1982..	152 070	174 090	102 210	150 965	179 871	135 991	170 960
Tenants ----- farms, 1987..	236	212	245	299	310	282	268
1982..	248	236	222	269	318	339	365
acres, 1987..	61 585	66 097	45 381	65 128	86 825	68 881	89 911
1982..	46 676	62 167	40 256	54 231	80 684	70 406	100 540
Harvested cropland ----- farms, 1987..	227	203	224	282	300	263	263
1982..	236	232	212	259	302	322	356
acres, 1987..	45 081	49 407	33 249	46 591	66 180	49 712	69 004
1982..	40 679	52 873	33 758	45 309	71 070	58 395	89 942
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987..	953	774	890	1 007	825	1 022	701
1982..	1 026	877	1 046	1 103	888	1 116	817
Not on farm operated ----- 1987..	250	221	189	255	215	194	231
1982..	209	198	149	205	213	222	217
Not reported ----- 1987..	66	34	61	70	57	78	60
1982..	117	78	92	95	84	129	130
Operators by principal occupation:							
Farming ----- 1987..	742	693	719	968	864	942	794
1982..	780	810	851	1 041	965	1 054	936
Other ----- 1987..	527	336	421	364	233	352	198
1982..	572	343	436	362	220	413	228
Operators by days of work off farm:							
None ----- 1987..	512	508	507	617	587	646	483
1982..	514	557	530	672	664	674	576
Any ----- 1987..	695	477	552	619	439	548	432
1982..	752	498	660	619	419	663	452
1 to 49 days ----- 1987..	109	96	79	139	136	115	109
1982..	112	113	140	146	144	177	160
50 to 99 days ----- 1987..	40	28	23	53	34	52	46
1982..	33	32	40	42	29	44	42
100 to 149 days ----- 1987..	37	35	34	54	29	43	59
1982..	42	31	44	41	39	49	34
150 to 199 days ----- 1987..	53	40	47	67	35	42	36
1982..	55	44	50	64	34	51	31
200 days or more ----- 1987..	456	278	369	306	205	296	182
1982..	510	278	386	326	173	342	185
Not reported ----- 1987..	62	44	81	96	71	100	77
1982..	86	98	97	112	102	130	136
Operators by years on present farm:							
2 years or less ----- 1987..	76	51	68	95	47	66	50
1982..	73	53	83	82	46	82	66
3 or 4 years ----- 1987..	77	48	75	91	60	70	64
1982..	103	62	105	122	96	135	97
5 to 9 years ----- 1987..	174	143	152	167	128	195	137
1982..	212	169	219	253	212	226	153
10 years or more ----- 1987..	815	675	704	920	737	771	597
1982..	772	692	713	749	661	797	633
Average years on present farm ----- 1987..	18.8	19.8	17.9	18.4	20.3	19.1	19.5
1982..	17.8	19.5	16.4	16.6	18.8	16.9	17.9
Not reported ----- 1987..	127	112	141	159	125	192	144
1982..	192	157	167	197	170	227	215

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>FARMS</b>							
Land in farms ----- farms, 1987..	1 319	942	1 170	929	1 091	1 054	697
1982..	1 396	1 087	1 323	1 045	1 214	1 180	766
acres, 1987..	366 656	333 083	345 483	317 974	338 708	276 216	229 423
1982..	363 436	345 726	349 453	327 445	340 594	289 542	236 759
Harvested cropland ----- farms, 1987..	1 164	834	1 012	847	979	953	586
1982..	1 248	964	1 172	945	1 095	1 051	677
acres, 1987..	270 392	213 323	230 081	233 423	230 141	187 589	93 996
1982..	300 937	246 427	281 855	281 033	262 179	232 837	114 076
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987..	519	401	532	335	381	514	395
1982..	573	472	612	423	478	612	447
acres, 1987..	76 074	69 295	81 358	53 103	66 209	88 165	88 448
1982..	101 001	90 141	101 468	75 708	92 670	92 332	94 729
Harvested cropland ----- farms, 1987..	388	309	395	271	294	421	313
1982..	445	371	487	338	378	500	373
acres, 1987..	53 135	40 288	51 254	36 895	42 900	54 792	29 618
1982..	80 284	58 594	77 887	62 410	67 189	68 150	40 070
Part owners ----- farms, 1987..	464	327	380	357	409	349	212
1982..	461	366	426	391	426	363	204
acres, 1987..	193 571	193 527	178 878	185 127	188 545	142 807	115 704
1982..	172 471	186 103	179 781	194 784	173 972	153 397	109 981
Owned land in farms ----- acres, 1987..	79 018	81 864	76 960	64 851	77 352	67 954	58 017
1982..	79 946	76 651	79 960	79 737	77 227	76 328	57 472
Rented land in farms ----- acres, 1987..	114 553	111 663	101 918	120 276	111 193	74 853	57 687
1982..	92 525	109 452	99 821	115 047	96 745	77 069	52 509
Harvested cropland ----- farms, 1987..	459	326	372	355	397	346	204
1982..	459	357	415	389	422	358	200
acres, 1987..	144 287	127 598	117 698	136 787	128 322	100 982	50 435
1982..	144 620	136 465	147 302	168 687	135 943	127 350	56 855
Tenants ----- farms, 1987..	336	214	258	237	301	191	90
1982..	362	249	285	231	310	205	115
acres, 1987..	97 011	70 261	85 247	79 744	83 954	45 244	25 271
1982..	89 964	69 482	68 204	56 953	73 952	43 813	32 049
Harvested cropland ----- farms, 1987..	317	199	245	221	288	186	69
1982..	344	236	270	218	295	193	104
acres, 1987..	72 970	45 457	61 129	59 741	58 919	31 815	13 943
1982..	76 033	51 368	56 666	49 936	59 047	37 337	17 151
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987..	960	674	902	661	829	814	538
1982..	1 044	802	1 025	749	927	885	566
Not on farm operated ----- 1987..	264	230	220	212	191	183	122
1982..	217	183	185	194	170	188	144
Not reported ----- 1987..	95	38	48	56	71	57	37
1982..	135	102	113	102	117	107	56
Operators by principal occupation:							
Farming ----- 1987..	1 056	700	907	650	843	751	480
1982..	1 158	839	1 057	749	1 000	829	523
Other ----- 1987..	263	242	263	279	248	303	217
1982..	238	248	266	296	214	351	243
Operators by days of work off farm:							
None ----- 1987..	711	502	637	448	589	551	327
1982..	744	564	745	483	640	540	331
Any ----- 1987..	532	368	452	424	436	446	317
1982..	496	415	451	466	441	518	367
1 to 49 days ----- 1987..	151	88	105	77	106	80	50
1982..	201	114	139	121	138	102	73
50 to 99 days ----- 1987..	55	27	36	33	40	40	18
1982..	32	32	30	21	41	37	30
100 to 149 days ----- 1987..	40	4	38	33	36	22	14
1982..	36	22	29	38	26	44	23
150 to 199 days ----- 1987..	37	23	34	40	26	40	44
1982..	33	32	38	32	25	41	40
200 days or more ----- 1987..	249	226	239	241	228	264	191
1982..	194	215	215	254	211	294	201
Not reported ----- 1987..	76	72	81	57	66	57	53
1982..	156	108	127	96	133	122	68
Operators by years on present farm:							
2 years or less ----- 1987..	74	58	76	64	49	69	41
1982..	84	69	60	46	67	70	54
3 or 4 years ----- 1987..	106	56	65	53	78	61	32
1982..	117	83	97	79	89	90	63
5 to 9 years ----- 1987..	193	125	136	122	161	123	94
1982..	209	169	191	187	196	189	130
10 years or more ----- 1987..	768	594	779	565	663	647	434
1982..	749	595	796	580	663	641	397
Average years on present farm ----- 1987..	18.1	19.7	19.8	18.1	19.2	19.2	20.2
1982..	18.2	17.8	18.1	17.3	18.1	17.3	17.1
Not reported ----- 1987..	178	109	114	125	140	154	96
1982..	237	171	179	153	199	190	122

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>FARMS</b>							
Land in farms ----- farms, 1987..	877	1 705	1 437	1 339	1 081	921	715
1982..	1 045	1 725	1 570	1 511	1 208	954	769
acres, 1987..	315 558	450 742	376 952	406 895	328 319	266 999	278 714
1982..	347 722	447 361	398 062	426 523	346 023	278 852	300 684
Harvested cropland ----- farms, 1987..	795	1 508	1 256	1 128	947	795	581
1982..	957	1 563	1 394	1 349	1 079	847	667
acres, 1987..	229 226	240 158	258 502	264 366	223 550	107 597	97 184
1982..	289 853	264 630	321 273	311 178	272 553	136 324	131 493
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987..	320	987	646	628	512	627	436
1982..	337	1 010	761	688	517	627	436
acres, 1987..	50 758	191 967	94 570	106 364	69 568	126 970	106 932
1982..	61 672	203 220	116 434	121 798	73 326	128 461	123 249
Harvested cropland ----- farms, 1987..	251	810	483	449	404	523	337
1982..	272	871	604	544	417	535	363
acres, 1987..	33 554	90 543	57 847	62 060	39 205	45 001	31 622
1982..	48 363	109 190	87 179	84 620	49 882	55 413	52 006
Part owners ----- farms, 1987..	347	417	439	411	349	227	192
1982..	400	446	513	475	428	259	220
acres, 1987..	193 250	182 323	195 063	211 150	182 937	124 895	127 774
1982..	200 642	180 565	218 390	215 314	196 901	133 995	139 142
Owned land in farms ----- acres, 1987..	68 187	111 778	85 955	89 431	59 855	62 735	62 713
1982..	74 209	113 192	110 877	101 988	72 103	71 918	69 077
Rented land in farms ----- acres, 1987..	125 063	70 545	109 108	121 719	123 082	62 160	65 061
1982..	126 433	67 373	107 513	113 326	124 798	62 077	70 065
Harvested cropland ----- farms, 1987..	346	413	432	399	342	222	176
1982..	395	439	510	468	419	256	209
acres, 1987..	142 988	102 400	138 230	140 945	128 907	55 833	49 076
1982..	169 543	115 017	180 436	160 435	158 957	72 232	59 768
Tenants ----- farms, 1987..	210	301	352	300	220	67	87
1982..	308	289	296	348	263	68	113
acres, 1987..	71 550	76 452	87 319	89 381	75 814	15 134	44 008
1982..	85 408	63 576	63 238	89 411	75 796	16 396	38 293
Harvested cropland ----- farms, 1987..	188	285	331	280	201	50	68
1982..	290	253	280	337	243	56	95
acres, 1987..	52 684	47 215	62 325	61 361	55 438	6 763	16 486
1982..	71 947	40 423	53 658	66 123	63 714	8 679	19 719
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987..	664	1 350	1 068	1 010	767	751	510
1982..	789	1 419	1 225	1 110	906	759	547
Not on farm operated ----- 1987..	174	275	290	249	263	113	173
1982..	185	183	229	243	222	108	148
Not reported ----- 1987..	39	80	79	80	51	57	32
1982..	71	123	116	158	80	87	74
Operators by principal occupation:							
Farming ----- 1987..	684	1 333	1 002	1 001	645	565	423
1982..	843	1 399	1 168	1 176	761	619	506
Other ----- 1987..	193	372	435	338	436	356	292
1982..	202	326	402	335	447	335	263
Operators by days of work off farm:							
None ----- 1987..	490	1 045	641	684	422	363	294
1982..	557	1 009	738	703	502	379	313
Any ----- 1987..	325	568	703	551	586	486	375
1982..	397	581	699	651	613	494	384
1 to 49 days ----- 1987..	90	113	142	114	87	77	58
1982..	131	183	170	203	107	92	89
50 to 99 days ----- 1987..	17	36	58	43	36	35	19
1982..	34	42	45	57	45	27	29
100 to 149 days ----- 1987..	12	32	57	32	41	41	25
1982..	31	27	51	34	44	38	27
150 to 199 days ----- 1987..	26	56	67	30	60	46	36
1982..	20	53	59	39	45	38	32
200 days or more ----- 1987..	180	331	379	332	362	287	237
1982..	181	276	374	318	372	299	207
Not reported ----- 1987..	62	82	93	104	73	72	46
1982..	91	135	133	157	93	81	72
Operators by years on present farm:							
2 years or less ----- 1987..	45	134	103	80	71	60	40
1982..	68	92	98	89	68	66	41
3 or 4 years ----- 1987..	41	110	73	86	64	43	46
1982..	82	135	141	123	87	82	64
5 to 9 years ----- 1987..	118	218	195	159	123	142	93
1982..	181	230	244	211	251	143	122
10 years or more ----- 1987..	558	1 041	888	797	673	550	436
1982..	575	1 028	871	809	647	516	410
Average years on present farm ----- 1987..	19.6	18.9	18.4	19.5	18.4	19.4	19.7
1982..	17.7	17.9	17.1	17.6	17.4	17.4	17.5
Not reported ----- 1987..	115	202	178	217	150	126	100
1982..	139	240	216	279	155	147	132

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>FARMS</b>								
Land in farms ----- farms, 1987..	1 452	753	593	1 889	609	1 510	985	1 012
1982..	1 481	815	652	1 708	714	1 641	1 097	1 168
acres, 1987..	353 940	210 843	211 002	334 112	227 932	420 682	296 488	346 389
1982..	351 861	224 770	227 557	338 912	245 412	437 010	301 722	366 773
Harvested cropland ----- farms, 1987..	1 315	688	534	1 469	553	1 353	888	900
1982..	1 368	719	598	1 549	665	1 493	1 001	1 065
acres, 1987..	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
1982..	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	766	358	216	1 022	174	766	404	356
1982..	838	421	214	1 048	228	847	464	445
acres, 1987..	141 377	52 715	32 735	157 506	28 799	125 464	58 250	67 333
1982..	149 259	71 127	47 063	176 228	45 054	148 252	64 020	89 904
Harvested cropland ----- farms, 1987..	651	304	162	826	131	624	321	270
1982..	733	335	172	919	190	718	377	368
acres, 1987..	95 185	28 078	21 708	93 218	18 462	74 745	38 543	46 859
1982..	112 965	46 961	37 025	114 332	37 949	102 427	49 317	73 132
Part owners ----- farms, 1987..	362	257	223	369	218	469	389	374
1982..	388	287	256	391	264	519	431	424
acres, 1987..	143 876	120 998	115 846	120 473	118 891	218 629	187 962	189 224
1982..	149 434	126 601	125 900	114 342	130 698	225 835	190 725	197 421
Owned land in farms ----- acres, 1987..	78 931	47 523	42 671	72 020	38 765	113 991	72 866	73 139
1982..	84 190	51 010	51 452	71 817	49 311	118 969	80 554	88 650
Rented land in farms ----- acres, 1987..	64 945	73 475	73 175	48 453	80 126	104 638	115 296	116 085
1982..	65 244	75 591	74 448	42 725	81 387	106 866	110 171	108 771
Harvested cropland ----- farms, 1987..	360	253	221	362	215	462	382	368
1982..	386	262	254	380	259	515	427	422
acres, 1987..	98 923	79 515	83 271	74 890	87 783	150 663	138 498	140 340
1982..	119 880	91 527	103 812	75 953	108 694	176 072	163 361	167 964
Tenants ----- farms, 1987..	324	198	154	298	217	275	192	282
1982..	255	127	182	269	222	275	202	299
acres, 1987..	68 687	37 130	62 421	56 133	80 242	76 589	50 276	89 832
1982..	53 168	27 042	54 594	48 342	69 660	62 923	46 977	79 448
Harvested cropland ----- farms, 1987..	304	131	151	281	207	267	185	262
1982..	249	122	172	250	216	260	197	277
acres, 1987..	48 788	25 564	46 343	38 252	59 718	53 751	38 324	64 420
1982..	42 229	22 394	45 946	33 290	61 141	51 894	40 913	68 164
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	1 188	539	438	1 371	474	1 213	721	780
1982..	1 233	605	488	1 364	514	1 307	850	886
Not on farm operated ----- 1987..	182	165	117	231	105	228	197	187
1982..	148	145	119	192	125	214	165	169
Not reported ----- 1987..	72	49	38	87	30	69	67	45
1982..	99	65	45	152	75	120	82	113
Operators by principal occupation:								
Farming ----- 1987..	1 213	445	469	1 275	510	1 154	682	812
1982..	1 261	524	522	1 324	587	1 288	793	951
Other ----- 1987..	239	308	124	414	99	356	303	200
1982..	220	291	130	384	127	353	304	217
Operators by days of work off farm:								
None ----- 1987..	874	301	299	957	341	853	469	552
1982..	868	334	349	891	391	867	501	607
Any ----- 1987..	471	397	244	628	222	563	462	393
1982..	466	408	246	642	247	613	503	433
1 to 49 days ----- 1987..	125	60	71	90	71	129	92	93
1982..	150	83	89	138	76	186	134	137
50 to 99 days ----- 1987..	36	21	19	38	16	29	35	42
1982..	30	21	16	56	19	39	29	31
100 to 149 days ----- 1987..	29	17	19	35	21	54	28	38
1982..	38	24	21	53	27	44	44	23
150 to 199 days ----- 1987..	43	25	23	56	17	51	41	34
1982..	35	50	15	66	31	46	53	34
200 days or more ----- 1987..	238	274	112	409	97	300	266	186
1982..	213	230	105	329	94	298	243	208
Not reported ----- 1987..	107	55	50	104	46	94	54	67
1982..	147	73	57	175	76	161	93	128
Operators by years on present farm:								
2 years or less ----- 1987..	87	31	30	69	34	98	64	50
1982..	84	46	42	104	33	79	55	70
3 or 4 years ----- 1987..	102	50	55	115	33	84	46	51
1982..	122	64	43	145	55	137	79	88
5 to 9 years ----- 1987..	203	99	55	252	65	174	127	130
1982..	246	119	107	223	132	234	183	177
10 years or more ----- 1987..	892	462	373	1 035	393	994	616	664
1982..	830	472	357	965	376	948	629	652
Average years on present farm ----- 1987..	17.8	20.8	19.8	19.0	18.6	19.7	19.5	20.7
1982..	16.3	19.6	18.0	17.5	17.3	17.6	18.2	18.6
Not reported ----- 1987..	168	111	80	218	84	160	132	117
1982..	199	114	103	271	118	243	151	181

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>FARMS</b>								
Land in farms ----- farms, 1987..	719	948	1 037	960	1 026	1 052	1 065	1 024
----- farms, 1982..	771	1 054	1 135	1 105	1 158	1 176	1 208	1 192
----- acres, 1987..	308 796	353 293	319 657	316 631	347 353	347 774	337 990	387 190
----- acres, 1982..	306 786	359 023	320 558	326 495	358 259	351 156	355 823	408 601
Harvested cropland ----- farms, 1987..	636	850	929	830	935	975	944	925
----- farms, 1982..	708	956	1 012	984	1 059	1 103	1 071	1 093
----- acres, 1987..	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
----- acres, 1982..	221 709	298 927	280 478	212 433	312 961	309 687	295 747	298 908
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	310	320	349	486	343	344	391	467
----- farms, 1982..	282	377	416	551	350	397	460	551
----- acres, 1987..	53 496	48 319	44 368	88 365	50 619	55 621	55 770	92 140
----- acres, 1982..	63 626	74 530	59 413	93 393	61 254	68 978	73 622	123 446
Harvested cropland ----- farms, 1987..	238	240	258	390	267	278	281	382
----- farms, 1982..	229	302	317	447	273	330	349	464
----- acres, 1987..	30 056	34 020	32 677	39 590	35 792	39 146	37 393	54 084
----- acres, 1982..	41 776	58 093	50 164	53 088	51 280	59 007	57 396	78 052
Part owners ----- farms, 1987..	258	363	363	303	395	416	416	346
----- farms, 1982..	306	406	394	341	460	444	431	374
----- acres, 1987..	176 296	208 841	182 797	172 136	201 018	198 241	198 631	213 773
----- acres, 1982..	171 665	208 464	178 378	176 326	205 600	194 070	204 651	194 432
Owned land in farms ----- acres, 1987..	62 812	73 649	63 413	65 632	72 323	68 332	70 002	86 103
----- acres, 1982..	66 583	81 169	69 045	78 910	84 043	76 831	89 009	79 622
Rented land in farms ----- acres, 1987..	113 484	135 192	119 384	106 504	128 695	129 909	128 629	127 670
----- acres, 1982..	105 062	127 295	109 333	97 416	121 557	117 239	115 642	114 810
Harvested cropland ----- farms, 1987..	253	360	362	293	392	413	411	344
----- farms, 1982..	301	399	389	336	453	443	426	372
----- acres, 1987..	118 820	151 792	139 798	102 984	153 533	148 314	143 786	144 696
----- acres, 1982..	126 488	175 206	156 883	118 672	179 658	171 873	172 178	149 592
Tenants ----- farms, 1987..	151	265	325	171	288	292	258	211
----- farms, 1982..	183	271	325	213	348	335	317	267
----- acres, 1987..	79 004	96 123	92 492	56 130	95 716	93 912	83 589	81 277
----- acres, 1982..	71 495	76 029	82 767	56 776	91 405	88 108	77 550	90 723
Harvested cropland ----- farms, 1987..	145	250	309	157	276	284	252	199
----- farms, 1982..	176	255	306	201	333	330	296	257
----- acres, 1987..	54 134	72 193	71 006	33 680	73 189	71 912	62 387	55 088
----- acres, 1982..	53 445	65 628	73 431	40 673	82 023	78 807	66 173	71 264
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	469	636	743	697	724	791	793	720
----- 1982..	523	740	871	761	837	898	891	887
Not on farm operated ----- 1987..	209	260	239	206	254	206	223	243
----- 1982..	180	233	170	226	220	196	217	189
Not reported ----- 1987..	41	52	55	57	48	55	49	61
----- 1982..	68	81	94	118	101	82	100	116
Operators by principal occupation:								
Farming ----- 1987..	559	723	762	656	760	846	799	776
----- 1982..	611	816	870	787	947	1 012	902	930
Other ----- 1987..	160	225	275	304	266	206	266	248
----- 1982..	160	238	265	318	211	164	306	262
Operators by days of work off farm:								
None ----- 1987..	395	477	498	436	498	533	547	537
----- 1982..	414	507	518	504	599	617	603	639
Any ----- 1987..	277	412	474	436	456	445	464	410
----- 1982..	281	446	512	497	446	446	521	430
1 to 49 days ----- 1987..	69	123	129	65	119	113	112	106
----- 1982..	81	150	170	105	158	214	156	120
50 to 99 days ----- 1987..	26	40	34	38	41	50	34	31
----- 1982..	26	36	40	36	37	39	42	39
100 to 149 days ----- 1987..	23	36	36	37	33	28	34	36
----- 1982..	14	18	33	40	28	21	34	27
150 to 199 days ----- 1987..	22	25	31	46	30	42	38	34
----- 1982..	30	33	20	38	28	27	36	33
200 days or more ----- 1987..	137	188	244	250	233	212	246	203
----- 1982..	130	209	249	278	195	145	253	211
Not reported ----- 1987..	47	59	65	88	72	74	54	77
----- 1982..	76	101	105	104	113	113	84	123
Operators by years on present farm:								
2 years or less ----- 1987..	35	54	60	57	55	54	59	45
----- 1982..	39	57	82	47	64	54	72	63
3 or 4 years ----- 1987..	30	52	52	65	45	58	54	65
----- 1982..	57	91	96	96	75	85	97	82
5 to 9 years ----- 1987..	82	115	157	113	139	126	148	133
----- 1982..	112	150	162	159	185	159	194	188
10 years or more ----- 1987..	462	606	634	598	653	696	677	630
----- 1982..	436	598	641	589	670	729	668	650
Average years on present farm ----- 1987..	21.0	20.7	18.7	20.1	19.4	20.2	20.2	20.4
----- 1982..	19.7	19.4	17.4	18.6	19.3	18.7	17.9	18.6
Not reported ----- 1987..	110	121	134	127	134	118	127	151
----- 1982..	127	158	154	214	164	149	177	209

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>FARMS</b>								
Land in farms ----- farms, 1987..	893	938	754	787	1 057	1 354	1 465	775
----- farms, 1982..	963	1 055	848	874	1 150	1 422	1 589	894
----- acres, 1987..	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
----- acres, 1982..	239 403	278 861	275 422	259 676	361 465	347 358	447 362	247 992
Harvested cropland ----- farms, 1987..	771	856	706	687	947	1 160	1 240	685
----- farms, 1982..	867	959	793	772	1 036	1 238	1 403	782
----- acres, 1987..	138 792	178 288	214 069	178 524	203 549	164 703	276 515	139 236
----- acres, 1982..	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	463	501	230	267	526	779	690	440
----- farms, 1982..	474	590	280	347	573	851	720	482
----- acres, 1987..	72 938	92 186	42 150	52 928	105 337	140 709	99 614	82 201
----- acres, 1982..	69 690	105 149	56 691	72 904	132 060	152 319	112 372	85 892
Harvested cropland ----- farms, 1987..	359	424	188	197	433	610	503	365
----- farms, 1982..	398	499	228	272	484	691	572	390
----- acres, 1987..	34 934	55 517	32 605	32 498	58 253	61 476	57 944	40 680
----- acres, 1982..	43 306	78 036	46 890	52 847	75 554	79 571	76 749	47 622
Part owners ----- farms, 1987..	286	300	298	296	343	376	490	246
----- farms, 1982..	342	309	312	291	364	359	534	278
----- acres, 1987..	124 904	137 592	149 753	144 232	177 044	155 425	241 084	126 689
----- acres, 1982..	137 990	134 760	141 370	126 520	178 039	146 937	244 915	128 468
Owned land in farms ----- acres, 1987..	51 389	64 033	50 447	54 610	76 881	80 745	96 033	58 328
----- acres, 1982..	64 462	67 322	52 787	57 034	83 758	82 759	104 223	62 114
Rented land in farms ----- acres, 1987..	73 515	73 559	99 306	89 622	100 363	74 680	145 051	68 361
----- acres, 1982..	73 528	67 438	88 583	69 486	94 281	64 178	140 692	66 354
Harvested cropland ----- farms, 1987..	279	299	294	292	341	363	474	244
----- farms, 1982..	333	306	312	287	356	351	520	273
----- acres, 1987..	80 444	93 832	115 910	100 604	114 491	75 860	160 156	82 132
----- acres, 1982..	101 342	108 052	126 527	100 563	125 222	85 219	180 569	88 960
Tenants ----- farms, 1987..	144	137	226	224	188	199	285	89
----- farms, 1982..	147	156	256	236	213	212	335	134
----- acres, 1987..	33 775	39 507	83 490	62 943	47 324	49 478	86 498	25 926
----- acres, 1982..	31 723	38 952	77 361	60 252	51 366	48 102	90 075	33 632
Harvested cropland ----- farms, 1987..	133	133	224	198	173	187	263	78
----- farms, 1982..	136	154	253	213	196	196	311	119
----- acres, 1987..	23 414	28 939	65 554	43 422	30 805	27 367	58 415	16 424
----- acres, 1982..	26 016	31 646	71 153	48 275	35 968	28 394	67 308	23 261
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	640	728	530	563	796	1 068	1 109	567
----- 1982..	737	837	622	622	890	1 110	1 203	675
Not on farm operated ----- 1987..	196	168	173	165	202	207	292	153
----- 1982..	150	138	154	157	169	195	237	148
Not reported ----- 1987..	57	42	51	59	59	79	64	55
----- 1982..	76	80	72	95	91	117	149	71
Operators by principal occupation:								
Farming ----- 1987..	569	733	587	612	796	909	985	524
----- 1982..	661	847	684	719	861	1 030	1 157	591
Other ----- 1987..	324	205	167	175	261	445	480	251
----- 1982..	302	208	164	155	289	392	432	303
Operators by days of work off farm:								
None ----- 1987..	366	494	374	434	554	670	675	351
----- 1982..	435	590	410	453	582	668	754	363
Any ----- 1987..	460	381	307	309	435	608	700	375
----- 1982..	445	375	368	307	473	645	697	470
1 to 49 days ----- 1987..	73	95	69	67	88	90	139	74
----- 1982..	83	91	119	113	110	151	187	94
50 to 99 days ----- 1987..	34	26	38	38	30	25	59	21
----- 1982..	27	42	55	29	31	47	38	35
100 to 149 days ----- 1987..	24	45	25	19	35	45	38	24
----- 1982..	40	35	27	24	30	49	48	24
150 to 199 days ----- 1987..	47	24	17	25	35	62	36	31
----- 1982..	36	42	14	16	32	72	38	40
200 days or more ----- 1987..	282	191	158	160	247	386	428	225
----- 1982..	259	165	153	125	270	326	386	277
Not reported ----- 1987..	67	63	73	44	68	76	90	49
----- 1982..	83	90	70	114	95	109	138	61
Operators by years on present farm:								
2 years or less ----- 1987..	29	55	31	56	48	110	68	37
----- 1982..	31	52	44	48	64	99	90	48
3 or 4 years ----- 1987..	60	45	27	63	48	64	69	31
----- 1982..	78	79	54	88	98	138	106	72
5 to 9 years ----- 1987..	107	122	108	106	135	196	198	83
----- 1982..	156	170	122	123	164	226	216	148
10 years or more ----- 1987..	566	594	491	445	687	791	931	510
----- 1982..	563	603	492	444	664	732	908	461
Average years on present farm ----- 1987..	20.4	20.2	20.3	17.9	20.7	18.4	20.5	21.2
----- 1982..	19.0	18.0	19.3	17.4	18.9	16.4	18.5	17.6
Not reported ----- 1987..	131	122	97	117	139	193	199	114
----- 1982..	135	151	136	171	160	227	269	165

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>FARMS</b>								
Land in farms ----- farms, 1987..	1 356	1 161	1 036	1 718	989	1 690	634	690
----- farms, 1982..	1 508	1 307	1 193	1 885	1 060	1 810	699	769
----- acres, 1987..	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
----- acres, 1982..	328 240	336 524	350 693	611 480	266 741	368 525	208 670	219 487
Harvested cropland ----- farms, 1987..	1 178	1 023	892	1 601	882	1 502	571	568
----- farms, 1982..	1 329	1 176	1 065	1 760	939	1 614	630	656
----- acres, 1987..	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
----- acres, 1982..	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	732	595	510	502	578	955	282	419
----- farms, 1982..	803	665	581	592	601	1 019	304	484
----- acres, 1987..	92 289	104 854	99 430	93 344	91 635	104 956	50 896	76 788
----- acres, 1982..	106 282	122 214	116 033	128 967	99 954	117 246	57 599	95 404
Harvested cropland ----- farms, 1987..	573	478	386	401	482	797	231	317
----- farms, 1982..	655	560	471	482	500	849	248	393
----- acres, 1987..	52 515	57 303	48 479	69 118	40 924	62 940	30 258	23 286
----- acres, 1982..	71 320	77 379	68 074	108 430	53 911	82 321	38 183	35 743
Part owners ----- farms, 1987..	402	346	372	704	318	478	235	189
----- farms, 1982..	459	372	395	714	328	503	251	219
----- acres, 1987..	163 775	161 199	200 960	357 463	152 661	192 614	114 853	104 864
----- acres, 1982..	172 460	154 456	178 681	328 752	141 734	187 740	110 640	104 206
Owned land in farms ----- acres, 1987..	73 858	81 666	98 147	133 624	75 051	84 684	52 003	53 122
----- acres, 1982..	81 148	80 102	88 758	125 210	74 209	90 799	50 014	57 933
Rented land in farms ----- acres, 1987..	89 917	79 533	102 813	223 839	77 610	107 930	62 850	51 742
----- acres, 1982..	91 312	74 354	89 923	203 542	67 525	96 941	60 626	46 273
Harvested cropland ----- farms, 1987..	397	342	364	700	314	466	229	184
----- farms, 1982..	451	367	388	712	319	490	245	210
----- acres, 1987..	112 771	100 757	120 923	274 813	94 342	137 322	77 634	44 501
----- acres, 1982..	129 716	111 446	121 336	290 929	95 729	149 797	86 175	48 967
Tenants ----- farms, 1987..	222	220	154	512	93	257	117	82
----- farms, 1982..	246	270	217	579	131	288	144	66
----- acres, 1987..	49 570	56 153	42 774	148 346	21 794	58 430	33 106	24 867
----- acres, 1982..	49 498	59 854	55 979	153 761	25 053	63 539	40 431	19 887
Harvested cropland ----- farms, 1987..	208	203	142	500	86	239	111	67
----- farms, 1982..	223	249	206	566	120	275	137	53
----- acres, 1987..	33 685	36 922	29 053	115 116	14 668	42 417	22 913	9 926
----- acres, 1982..	36 866	44 322	40 499	138 180	17 860	54 079	30 487	9 907
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	1 027	895	775	1 297	765	1 300	466	526
----- 1982..	1 162	1 013	847	1 414	798	1 422	521	600
Not on farm operated ----- 1987..	243	221	177	340	172	318	123	128
----- 1982..	225	200	215	306	164	255	113	100
Not reported ----- 1987..	86	45	84	81	52	72	45	36
----- 1982..	121	94	131	165	98	133	65	69
Operators by principal occupation:								
Farming ----- 1987..	887	843	755	1 409	565	979	462	421
----- 1982..	1 015	967	909	1 607	625	1 044	517	463
Other ----- 1987..	469	318	281	309	424	711	172	269
----- 1982..	493	340	284	278	435	766	182	306
Operators by days of work off farm:								
None ----- 1987..	607	611	547	912	422	683	314	292
----- 1982..	652	661	602	1 019	448	711	351	309
Any ----- 1987..	678	486	393	687	513	906	267	344
----- 1982..	725	548	448	667	548	979	283	384
1 to 49 days ----- 1987..	115	87	79	202	59	120	55	51
----- 1982..	158	146	113	262	81	136	61	56
50 to 99 days ----- 1987..	45	46	36	76	21	57	23	15
----- 1982..	34	32	39	64	24	59	24	17
100 to 149 days ----- 1987..	39	26	21	71	34	59	17	25
----- 1982..	35	29	30	43	36	55	16	29
150 to 199 days ----- 1987..	55	39	38	67	42	55	26	27
----- 1982..	54	39	33	55	31	65	27	38
200 days or more ----- 1987..	424	288	219	271	357	615	146	226
----- 1982..	444	302	233	243	376	664	155	244
Not reported ----- 1987..	71	64	96	119	54	101	53	54
----- 1982..	131	98	143	199	64	120	65	76
Operators by years on present farm:								
2 years or less ----- 1987..	62	63	52	79	30	92	28	28
----- 1982..	57	78	72	74	43	100	43	37
3 or 4 years ----- 1987..	73	64	46	81	45	101	26	36
----- 1982..	122	132	75	143	76	142	55	67
5 to 9 years ----- 1987..	163	144	115	213	139	215	79	68
----- 1982..	249	196	192	282	155	298	97	122
10 years or more ----- 1987..	870	765	657	1 133	636	1 066	398	458
----- 1982..	828	726	646	1 080	596	1 005	386	415
Average years on present farm ----- 1987..	20.4	19.6	20.6	20.0	21.3	19.4	20.8	20.9
----- 1982..	18.8	17.2	18.2	18.2	18.8	17.5	18.5	18.0
Not reported ----- 1987..	188	125	166	212	139	216	103	100
----- 1982..	252	175	208	306	190	265	118	128

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>FARMS</b>								
Land in farms ----- farms, 1987..	1 234	1 059	1 193	1 131	1 073	641	939	854
----- farms, 1982..	1 391	1 154	1 265	1 231	1 201	684	1 011	933
----- acres, 1987..	342 998	293 643	328 083	279 315	330 012	245 380	270 582	377 030
----- acres, 1982..	357 493	313 648	336 033	292 414	337 775	254 298	273 000	378 621
Harvested cropland ----- farms, 1987..	1 078	904	1 052	872	929	577	813	783
----- farms, 1982..	1 239	993	1 122	1 069	1 060	623	913	859
----- acres, 1987..	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
----- acres, 1982..	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	411	617	592	615	466	292	438	347
----- farms, 1982..	512	610	593	659	523	302	470	334
----- acres, 1987..	61 300	87 061	96 197	89 876	68 742	53 401	69 381	73 600
----- acres, 1982..	86 798	88 173	97 531	88 392	81 666	66 765	86 594	82 295
Harvested cropland ----- farms, 1987..	278	488	466	501	349	237	328	280
----- farms, 1982..	391	486	477	518	424	253	381	276
----- acres, 1987..	40 394	34 684	54 216	41 720	37 262	34 577	46 123	39 828
----- acres, 1982..	68 595	39 846	65 271	44 672	60 132	43 523	67 663	54 198
Part owners ----- farms, 1987..	493	310	381	333	384	215	330	282
----- farms, 1982..	504	363	427	390	403	231	338	336
----- acres, 1987..	195 288	164 311	166 930	145 031	198 857	135 958	157 819	201 168
----- acres, 1982..	189 814	179 390	174 811	153 779	188 868	133 123	139 131	208 761
Owned land in farms ----- acres, 1987..	70 592	77 044	74 859	65 613	70 399	47 547	66 163	63 478
----- acres, 1982..	76 941	89 744	84 502	72 832	79 233	45 024	67 672	84 073
Rented land in farms ----- acres, 1987..	124 696	87 267	92 071	79 418	128 458	88 411	91 656	137 690
----- acres, 1982..	112 873	89 646	90 309	80 947	109 635	88 099	71 459	124 688
Harvested cropland ----- farms, 1987..	487	301	375	318	380	209	328	282
----- farms, 1982..	496	351	420	381	394	225	337	334
----- acres, 1987..	144 715	79 182	110 875	83 306	137 048	94 274	114 962	130 889
----- acres, 1982..	158 297	95 078	125 799	91 714	151 804	105 827	117 829	157 958
Tenants ----- farms, 1987..	330	132	220	183	223	134	171	225
----- farms, 1982..	375	181	245	182	275	151	203	263
----- acres, 1987..	86 350	42 271	64 966	44 608	62 413	56 021	43 382	102 262
----- acres, 1982..	80 881	46 085	63 691	50 243	67 241	54 350	47 275	87 565
Harvested cropland ----- farms, 1987..	313	115	211	153	200	131	162	221
----- farms, 1982..	352	156	225	170	242	145	195	249
----- acres, 1987..	64 243	23 222	46 008	29 477	43 507	40 328	31 318	71 364
----- acres, 1982..	67 403	27 685	46 019	34 599	53 162	45 492	41 068	70 611
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	946	747	903	843	811	458	713	554
----- 1982..	1 053	826	963	918	915	508	769	615
Not on farm operated ----- 1987..	200	244	199	203	207	135	172	249
----- 1982..	178	237	183	194	198	108	144	242
Not reported ----- 1987..	88	68	91	85	55	48	54	76
----- 1982..	160	91	119	119	88	70	98	71
Operators by principal occupation:								
Farming ----- 1987..	1 000	615	881	672	763	469	676	655
----- 1982..	1 166	682	1 006	772	833	505	805	759
Other ----- 1987..	234	444	312	459	310	172	263	199
----- 1982..	225	472	259	459	368	179	206	174
Operators by days of work off farm:								
None ----- 1987..	692	423	568	483	529	320	471	428
----- 1982..	746	442	645	527	513	325	519	484
Any ----- 1987..	458	568	512	592	482	272	417	363
----- 1982..	495	632	465	598	586	278	379	351
1 to 49 days ----- 1987..	121	92	117	85	110	59	107	105
----- 1982..	207	117	133	98	158	69	115	125
50 to 99 days ----- 1987..	43	32	46	27	36	15	37	39
----- 1982..	38	40	47	30	24	16	33	34
100 to 149 days ----- 1987..	29	32	33	36	29	25	21	18
----- 1982..	29	37	24	30	34	19	26	28
150 to 199 days ----- 1987..	49	48	43	51	44	12	38	43
----- 1982..	28	48	32	45	42	20	38	31
200 days or more ----- 1987..	216	364	273	393	263	161	214	158
----- 1982..	193	390	228	395	328	154	167	135
Not reported ----- 1987..	84	68	113	56	62	49	51	63
----- 1982..	150	80	155	106	102	81	113	98
Operators by years on present farm:								
2 years or less ----- 1987..	68	61	68	68	56	21	50	47
----- 1982..	111	71	55	74	60	45	56	60
3 or 4 years ----- 1987..	78	64	49	66	54	40	45	56
----- 1982..	119	109	117	88	101	51	93	47
5 to 9 years ----- 1987..	161	147	154	134	137	88	143	90
----- 1982..	176	219	175	199	154	105	164	136
10 years or more ----- 1987..	736	646	766	683	689	392	564	537
----- 1982..	702	586	720	648	727	365	523	538
Average years on present farm ----- 1987..	18.7	18.7	20.4	19.7	20.8	20.0	19.0	20.7
----- 1982..	16.6	16.6	18.5	17.8	18.9	17.6	17.4	18.4
Not reported ----- 1987..	191	141	156	180	137	100	137	124
----- 1982..	283	169	198	222	159	118	175	152

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>FARMS</b>								
Land in farms ----- farms, 1987--	736	701	901	1 232	731	1 015	934	1 740
----- farms, 1982--	761	769	1 005	1 337	833	1 057	1 015	1 874
----- acres, 1987--	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 469
----- acres, 1982--	222 200	253 540	238 127	362 863	246 057	333 108	345 327	518 018
Harvested cropland ----- farms, 1987--	634	627	801	1 104	676	908	867	1 545
----- farms, 1982--	667	689	899	1 200	758	961	867	1 691
----- acres, 1987--	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
----- acres, 1982--	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987--	488	330	423	380	194	496	302	658
----- farms, 1982--	491	348	493	442	258	473	322	711
----- acres, 1987--	102 704	63 834	60 521	51 793	27 502	87 944	60 651	113 862
----- acres, 1982--	110 876	67 983	77 780	72 213	48 476	91 886	68 425	133 872
Harvested cropland ----- farms, 1987--	397	270	339	276	147	404	245	493
----- farms, 1982--	410	278	408	322	190	393	275	558
----- acres, 1987--	29 574	37 425	35 246	36 571	20 666	46 969	42 113	66 729
----- acres, 1982--	37 326	44 387	50 405	59 313	41 282	57 201	58 445	97 228
Part owners ----- farms, 1987--	184	226	309	508	332	349	359	665
----- farms, 1982--	210	255	319	554	347	368	395	688
----- acres, 1987--	103 297	128 503	129 656	220 083	150 303	184 582	189 867	293 119
----- acres, 1982--	99 970	130 295	119 351	210 826	144 101	177 095	188 902	273 998
Owned land in farms ----- acres, 1987--	59 758	53 207	56 041	79 665	49 252	81 222	68 058	114 172
----- acres, 1982--	57 574	59 449	57 873	79 990	54 843	76 824	72 870	114 422
Rented land in farms ----- acres, 1987--	43 539	75 296	73 615	140 418	101 051	103 360	121 809	178 947
----- acres, 1982--	42 396	70 846	61 478	130 836	89 258	100 271	116 032	159 576
Harvested cropland ----- farms, 1987--	182	223	302	506	329	342	357	658
----- farms, 1982--	203	249	313	544	346	362	392	679
----- acres, 1987--	38 563	84 335	87 954	164 086	116 258	115 030	138 816	208 532
----- acres, 1982--	44 159	94 560	92 330	183 313	124 588	120 065	163 973	222 749
Tenants ----- farms, 1987--	64	145	169	344	205	170	273	417
----- farms, 1982--	60	166	193	341	228	216	298	475
----- acres, 1987--	19 144	55 554	42 849	90 333	52 866	65 246	93 339	114 488
----- acres, 1982--	11 354	55 262	40 996	79 824	53 480	64 127	88 000	110 148
Harvested cropland ----- farms, 1987--	55	134	160	322	200	162	265	394
----- farms, 1982--	54	162	178	334	222	206	289	454
----- acres, 1987--	7 445	38 628	30 424	68 981	41 267	40 415	71 022	84 602
----- acres, 1982--	5 609	42 796	33 988	69 079	47 288	44 527	77 793	89 637
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987--	521	510	689	920	579	730	664	1 358
----- 1982--	583	576	753	1 026	631	788	749	1 428
Not on farm operated ----- 1987--	150	156	169	239	117	230	206	272
----- 1982--	105	122	158	200	132	184	183	247
Not reported ----- 1987--	65	35	43	73	35	55	64	110
----- 1982--	73	71	94	111	70	85	83	199
Operators by principal occupation:								
Farming ----- 1987--	427	529	546	977	581	699	729	1 320
----- 1982--	457	599	651	1 121	709	790	867	1 507
Other ----- 1987--	309	172	355	255	150	316	205	420
----- 1982--	304	170	354	216	124	267	148	367
Operators by days of work off farm:								
None ----- 1987--	328	349	366	645	389	460	485	900
----- 1982--	295	376	448	719	453	508	547	1 034
Any ----- 1987--	344	302	480	498	294	494	381	706
----- 1982--	397	303	472	494	297	452	358	633
1 to 49 days ----- 1987--	33	83	56	146	78	104	115	167
----- 1982--	56	113	77	192	104	133	153	191
50 to 99 days ----- 1987--	21	23	33	61	31	34	58	50
----- 1982--	32	29	22	46	31	35	37	57
100 to 149 days ----- 1987--	28	24	19	42	26	38	25	47
----- 1982--	22	19	27	37	29	24	27	27
150 to 199 days ----- 1987--	24	28	35	33	31	46	22	72
----- 1982--	24	19	35	28	22	23	26	36
200 days or more ----- 1987--	238	144	337	216	128	272	161	370
----- 1982--	263	123	311	191	111	237	115	322
Not reported ----- 1987--	64	50	55	89	48	61	68	134
----- 1982--	69	90	85	124	83	97	110	207
Operators by years on present farm:								
2 years or less ----- 1987--	47	41	46	70	37	35	53	98
----- 1982--	39	29	49	79	71	62	52	95
3 or 4 years ----- 1987--	39	21	56	69	49	66	42	103
----- 1982--	56	65	74	98	61	60	70	139
5 to 9 years ----- 1987--	70	94	122	172	135	119	140	225
----- 1982--	104	121	161	199	135	168	150	302
10 years or more ----- 1987--	445	469	563	765	426	669	583	1 056
----- 1982--	425	434	543	767	427	621	592	964
Average years on present farm ----- 1987--	20.9	20.6	19.1	19.6	17.5	20.9	19.8	18.7
----- 1982--	18.5	18.7	18.1	18.4	16.7	19.2	18.8	17.5
Not reported ----- 1987--	135	76	114	156	84	126	116	258
----- 1982--	137	120	178	194	139	146	151	374

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>FARMS</b>								
Land in farms ----- farms, 1987--	987	1 001	1 652	1 047	701	1 035	973	1 177
----- farms, 1982--	1 105	1 110	1 828	1 152	776	1 146	1 097	1 317
----- acres, 1987--	349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
----- acres, 1982--	357 387	247 261	555 348	355 718	313 971	359 157	239 166	356 831
Harvested cropland ----- farms, 1987--	929	841	1 429	904	592	945	862	1 035
----- farms, 1982--	1 045	960	1 617	1 029	702	1 044	971	1 185
----- acres, 1987--	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
----- acres, 1982--	317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987--	275	599	713	472	397	364	422	432
----- farms, 1982--	280	585	821	527	400	408	467	553
----- acres, 1987--	46 288	51 758	105 635	78 426	99 026	59 748	46 776	66 329
----- acres, 1982--	51 270	53 745	132 723	97 000	115 946	88 721	59 190	105 750
Harvested cropland ----- farms, 1987--	225	455	521	355	304	292	320	313
----- farms, 1982--	229	460	641	427	346	327	360	447
----- acres, 1987--	34 046	30 396	66 733	43 985	38 282	43 140	30 422	42 816
----- acres, 1982--	43 983	35 150	92 807	62 725	55 167	71 439	45 815	78 921
Part owners ----- farms, 1987--	390	264	552	350	196	378	357	407
----- farms, 1982--	469	329	571	383	253	400	382	386
----- acres, 1987--	199 346	143 867	304 708	189 876	145 896	202 932	140 753	191 417
----- acres, 1982--	205 621	145 626	286 418	200 225	155 172	181 707	135 621	161 466
Owned land in farms ----- acres, 1987--	59 374	41 449	109 010	81 794	66 769	78 612	59 188	79 779
----- acres, 1982--	71 099	48 935	112 682	93 336	75 429	70 588	64 980	77 069
Rented land in farms ----- acres, 1987--	139 972	102 418	195 698	108 082	79 127	124 320	81 565	111 638
----- acres, 1982--	134 522	96 691	173 736	106 889	79 743	111 119	70 641	84 397
Harvested cropland ----- farms, 1987--	389	258	539	341	192	377	353	401
----- farms, 1982--	466	320	555	382	247	400	376	379
----- acres, 1987--	152 065	107 075	214 865	123 212	63 954	142 770	104 209	133 078
----- acres, 1982--	182 636	119 973	228 307	145 865	80 127	154 206	117 040	129 793
Tenants ----- farms, 1987--	322	138	387	225	108	293	194	338
----- farms, 1982--	356	196	436	242	123	338	248	378
----- acres, 1987--	103 742	42 631	133 538	67 146	40 336	96 997	42 932	93 641
----- acres, 1982--	100 496	47 890	136 207	58 493	42 853	88 729	44 355	89 615
Harvested cropland ----- farms, 1987--	315	128	369	208	96	189	189	321
----- farms, 1982--	350	180	421	220	109	317	235	359
----- acres, 1987--	79 761	31 917	98 238	44 537	17 485	73 071	31 980	68 708
----- acres, 1982--	90 807	40 787	111 616	44 112	23 370	75 994	38 959	75 261
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987--	717	703	1 207	780	513	740	749	874
----- 1982--	790	801	1 384	889	576	861	845	961
Not on farm operated ----- 1987--	229	223	343	218	136	236	167	224
----- 1982--	222	210	286	181	131	187	162	235
Not reported ----- 1987--	41	75	102	49	52	59	57	79
----- 1982--	93	99	158	82	69	98	90	121
Operators by principal occupation:								
Farming ----- 1987--	796	520	1 146	764	523	828	636	920
----- 1982--	929	620	1 298	905	598	946	764	1 097
Other ----- 1987--	191	481	506	283	178	207	337	257
----- 1982--	176	490	530	247	178	200	333	220
Operators by days of work off farm:								
None ----- 1987--	503	350	832	529	364	568	428	623
----- 1982--	583	392	917	604	393	603	490	683
Any ----- 1987--	401	579	724	454	270	375	475	470
----- 1982--	417	617	766	441	292	385	508	478
1 to 49 days ----- 1987--	121	77	136	103	64	105	74	142
----- 1982--	166	98	173	160	87	141	94	166
50 to 99 days ----- 1987--	44	33	65	26	16	34	21	34
----- 1982--	43	43	45	22	22	24	26	47
100 to 149 days ----- 1987--	41	39	58	23	11	30	41	43
----- 1982--	20	33	47	21	14	28	37	42
150 to 199 days ----- 1987--	46	47	54	39	29	24	32	29
----- 1982--	31	43	68	30	30	34	50	30
200 days or more ----- 1987--	149	383	411	263	150	182	307	222
----- 1982--	157	400	433	208	150	158	301	193
Not reported ----- 1987--	83	72	96	64	67	92	70	84
----- 1982--	95	101	145	107	91	158	99	156
Operators by years on present farm:								
2 years or less ----- 1987--	46	42	83	82	39	57	43	66
----- 1982--	51	63	94	69	45	65	58	74
3 or 4 years ----- 1987--	44	62	116	64	27	54	57	71
----- 1982--	91	87	130	75	47	95	98	112
5 to 9 years ----- 1987--	136	131	234	135	68	142	150	186
----- 1982--	172	175	275	159	121	164	157	195
10 years or more ----- 1987--	638	603	1 000	629	459	638	571	692
----- 1982--	608	584	1 035	680	435	628	614	710
Average years on present farm ----- 1987--	19.5	19.3	19.6	19.5	21.7	20.3	19.2	18.7
----- 1982--	18.0	17.8	18.5	18.7	18.8	18.4	17.7	17.8
Not reported ----- 1987--	123	163	219	137	108	144	152	162
----- 1982--	183	201	294	169	128	194	170	226

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>FARMS</b>								
Land in farms ----- farms, 1987..	2 015	1 138	1 404	774	693	783	899	1 310
1982..	2 100	1 248	1 508	890	772	883	959	1 394
acres, 1987..	472 363	327 081	417 178	291 057	233 595	244 939	211 685	303 783
1982..	469 890	338 392	419 586	292 301	235 561	270 672	222 717	320 840
Harvested cropland ----- farms, 1987..	1 667	1 001	1 238	690	597	679	788	1 104
1982..	1 816	1 113	1 350	800	683	801	862	1 188
acres, 1987..	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
1982..	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	779	478	606	383	403	480	581	838
1982..	835	521	638	456	437	517	576	881
acres, 1987..	86 605	52 204	95 546	101 405	85 466	94 128	75 524	111 745
1982..	123 046	63 267	104 095	103 606	92 851	105 278	80 890	113 444
Harvested cropland ----- farms, 1987..	472	366	470	322	324	407	480	677
1982..	597	415	508	381	362	443	487	704
acres, 1987..	59 363	34 541	52 146	42 163	31 661	33 755	30 731	48 707
1982..	100 701	51 178	67 711	54 382	43 004	40 651	37 676	53 608
Part owners ----- farms, 1987..	812	407	507	266	205	227	225	322
1982..	815	446	540	281	239	276	295	351
acres, 1987..	290 584	202 959	242 399	148 571	117 992	129 970	103 408	147 982
1982..	259 361	203 435	234 886	143 356	116 440	142 324	118 743	162 922
Owned land in farms ----- acres, 1987..	106 469	65 046	96 476	68 908	59 346	65 130	48 195	68 738
1982..	108 016	72 691	105 218	67 691	56 935	78 501	58 027	74 788
Rented land in farms ----- acres, 1987..	184 115	137 913	145 923	79 663	58 646	64 840	55 293	79 244
1982..	151 345	130 744	129 668	75 665	59 505	63 823	60 716	88 134
Harvested cropland ----- farms, 1987..	804	402	501	257	198	226	220	305
1982..	812	439	528	275	229	274	294	342
acres, 1987..	221 605	153 083	165 692	75 463	53 648	63 087	64 283	80 191
1982..	229 232	175 452	178 628	84 255	62 701	76 834	75 268	99 431
Tenants ----- farms, 1987..	424	253	291	125	85	76	93	150
1982..	450	281	330	153	96	90	88	162
acres, 1987..	95 174	71 918	79 233	41 081	30 137	20 841	32 673	44 056
1982..	87 583	71 690	80 605	45 339	26 270	23 070	23 084	44 474
Harvested cropland ----- farms, 1987..	391	233	267	111	75	66	88	122
1982..	407	259	314	144	92	84	81	142
acres, 1987..	71 890	54 802	57 046	23 417	15 907	11 298	21 907	26 960
1982..	76 577	62 629	63 064	26 507	16 248	14 578	18 085	28 231
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	1 509	789	1 078	554	541	580	709	985
1982..	1 546	878	1 163	666	590	660	752	1 051
Not on farm operated ----- 1987..	343	285	261	184	115	161	142	249
1982..	277	267	227	156	122	146	118	216
Not reported ----- 1987..	163	64	65	36	37	42	48	76
1982..	277	103	118	68	60	77	89	127
Operators by principal occupation:								
Farming ----- 1987..	1 490	727	1 022	556	436	478	485	635
1982..	1 685	824	1 177	668	488	610	543	711
Other ----- 1987..	525	411	382	218	257	305	414	675
1982..	415	424	331	222	284	273	416	683
Operators by days of work off farm:								
None ----- 1987..	986	505	690	369	291	336	368	466
1982..	1 008	539	741	413	319	377	374	474
Any ----- 1987..	873	554	629	341	353	404	478	778
1982..	845	599	622	368	395	414	494	833
1 to 49 days ----- 1987..	189	95	134	67	61	53	47	86
1982..	270	125	178	100	88	89	59	108
50 to 99 days ----- 1987..	75	26	54	22	21	32	18	29
1982..	63	32	45	27	23	31	25	40
100 to 149 days ----- 1987..	62	28	57	22	26	40	32	45
1982..	62	24	45	23	20	31	20	43
150 to 199 days ----- 1987..	71	38	47	27	43	42	28	68
1982..	53	39	37	27	29	42	29	70
200 days or more ----- 1987..	476	367	342	203	202	237	353	552
1982..	397	379	317	191	235	221	361	572
Not reported ----- 1987..	156	79	85	64	49	43	53	66
1982..	247	110	145	109	58	92	91	87
Operators by years on present farm:								
2 years or less ----- 1987..	131	66	69	59	27	43	49	81
1982..	112	62	70	56	45	40	51	95
3 or 4 years ----- 1987..	129	67	90	41	44	40	45	60
1982..	147	101	122	92	63	80	62	118
5 to 9 years ----- 1987..	243	143	164	109	84	91	108	160
1982..	317	221	246	167	137	156	133	240
10 years or more ----- 1987..	1 176	720	910	460	449	522	566	834
1982..	1 086	687	843	445	407	470	550	711
Average years on present farm ----- 1987..	18.7	19.2	20.3	19.9	20.9	20.4	20.0	18.9
1982..	17.9	17.7	19.0	16.9	17.0	17.8	17.9	16.4
Not reported ----- 1987..	336	142	171	105	89	87	131	175
1982..	438	177	227	130	120	137	163	230

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>FARMS</b>								
Land in farms ----- farms, 1987..	1 158	743	1 235	742	1 633	1 360	667	882
1982..	1 238	824	1 357	847	1 724	1 579	798	1 009
acres, 1987..	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
1982..	337 850	290 174	419 632	246 550	400 613	478 624	234 314	360 468
Harvested cropland ----- farms, 1987..	1 024	630	1 140	686	1 422	1 162	592	832
1982..	1 098	731	1 251	774	1 562	1 377	714	950
acres, 1987..	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
1982..	247 227	152 831	363 632	211 136	262 028	359 752	199 142	319 992
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	515	405	448	249	928	609	260	268
1982..	586	461	455	328	917	732	303	288
acres, 1987..	85 525	101 381	70 094	41 318	162 657	104 409	40 434	49 295
1982..	100 094	117 836	65 294	55 698	157 537	134 614	45 530	52 045
Harvested cropland ----- farms, 1987..	407	316	368	201	739	453	196	226
1982..	474	380	370	266	772	577	229	236
acres, 1987..	48 993	33 779	45 142	27 881	85 090	55 718	25 022	35 554
1982..	68 204	58 226	51 223	45 396	96 305	89 698	35 391	45 678
Part owners ----- farms, 1987..	392	244	451	314	424	449	283	378
1982..	411	259	555	319	518	490	316	437
acres, 1987..	174 959	139 528	230 002	155 672	155 188	249 818	141 502	214 455
1982..	182 166	133 075	249 998	144 789	182 042	242 459	147 567	219 570
Owned land in farms ----- acres, 1987..	84 550	66 684	64 399	55 722	85 427	100 917	57 537	73 940
1982..	88 546	65 134	87 327	61 114	106 792	105 091	63 041	81 071
Rented land in farms ----- acres, 1987..	90 409	72 844	165 603	99 950	69 761	148 901	83 965	140 515
1982..	93 620	67 941	162 671	83 675	75 250	137 368	84 526	138 499
Harvested cropland ----- farms, 1987..	388	232	442	313	415	441	281	375
1982..	401	257	546	319	510	474	313	437
acres, 1987..	115 101	61 554	175 439	115 319	96 426	155 164	103 228	163 231
1982..	134 280	72 632	219 080	124 669	123 353	187 923	127 261	195 052
Tenants ----- farms, 1987..	251	94	336	179	281	302	124	236
1982..	241	104	347	200	289	357	179	284
acres, 1987..	61 020	40 360	116 527	45 440	59 180	97 532	39 742	80 260
1982..	55 590	39 263	104 340	46 063	61 034	101 551	41 217	88 853
Harvested cropland ----- farms, 1987..	229	82	330	172	268	268	115	231
1982..	223	94	335	189	280	326	172	277
acres, 1987..	42 221	19 571	91 467	34 214	38 126	67 491	29 415	61 853
1982..	44 743	21 973	93 329	41 071	42 370	82 131	36 490	79 262
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	873	527	834	560	1 310	996	526	640
1982..	973	616	990	613	1 375	1 128	599	759
Not on farm operated ----- 1987..	223	160	329	143	223	280	108	196
1982..	171	137	267	141	209	297	136	183
Not reported ----- 1987..	62	56	72	39	100	84	33	46
1982..	94	71	100	93	140	154	63	67
Operators by principal occupation:								
Farming ----- 1987..	872	540	902	582	1 265	942	519	701
1982..	921	629	1 072	682	1 394	1 124	620	821
Other ----- 1987..	286	203	333	160	368	418	148	181
1982..	317	195	285	165	330	455	178	188
Operators by days of work off farm:								
None ----- 1987..	594	324	590	386	939	665	338	454
1982..	612	398	658	418	925	710	381	530
Any ----- 1987..	470	328	545	304	586	607	276	382
1982..	513	316	558	325	618	701	338	393
1 to 49 days ----- 1987..	90	84	129	73	125	116	68	130
1982..	151	81	171	104	196	162	125	149
50 to 99 days ----- 1987..	34	19	57	30	43	48	25	47
1982..	25	24	40	26	48	50	25	39
100 to 149 days ----- 1987..	36	26	54	34	41	49	25	31
1982..	33	25	57	25	44	38	18	24
150 to 199 days ----- 1987..	44	24	37	26	65	55	21	29
1982..	32	15	43	26	55	50	22	20
200 days or more ----- 1987..	266	175	268	141	312	339	137	145
1982..	272	171	247	144	275	401	148	161
Not reported ----- 1987..	94	91	100	52	108	88	53	46
1982..	113	110	141	104	181	168	79	86
Operators by years on present farm:								
2 years or less ----- 1987..	64	24	55	35	87	67	43	52
1982..	77	63	77	54	111	107	36	38
3 or 4 years ----- 1987..	80	46	95	38	82	95	22	39
1982..	74	68	101	47	135	140	67	65
5 to 9 years ----- 1987..	164	82	150	103	244	174	42	91
1982..	213	122	193	163	280	267	140	144
10 years or more ----- 1987..	691	455	768	473	995	836	465	601
1982..	685	430	781	422	900	789	461	620
Average years on present farm ----- 1987..	18.8	21.3	19.4	20.2	19.9	19.5	21.2	21.9
1982..	17.8	17.5	18.7	18.0	17.4	16.6	18.3	19.9
Not reported ----- 1987..	159	136	167	93	225	188	75	99
1982..	189	141	205	161	298	276	114	142

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>OPERATOR CHARACTERISTICS—</b>							
<b>Con.</b>							
<b>Operators by age group:</b>							
Under 25 years..... 1987..	2 852	25	19	10	12	30	48
..... 1982..	5 602	65	47	43	22	63	78
25 to 34 years..... 1987..	17 458	154	99	207	103	164	257
..... 1982..	20 346	171	97	217	139	167	262
35 to 44 years..... 1987..	21 282	188	112	238	128	184	307
..... 1982..	22 548	191	143	230	159	172	355
45 to 54 years..... 1987..	21 744	195	120	223	172	174	321
..... 1982..	26 104	236	147	270	179	207	370
55 to 64 years..... 1987..	25 287	238	179	217	200	193	313
..... 1982..	27 594	258	184	264	249	203	347
55 to 59 years..... 1987..	12 608	108	77	111	91	93	166
60 to 64 years..... 1987..	12 679	130	102	106	109	100	147
65 years and over..... 1987..	16 557	170	159	167	276	106	188
..... 1982..	13 219	144	119	110	152	93	173
65 to 69 years..... 1987..	7 848	79	60	94	126	50	87
70 years and over..... 1987..	8 709	91	99	73	150	56	101
Average age..... 1987..	49.3	50.2	52.1	48.5	54.7	47.5	47.8
..... 1982..	47.6	48.2	49.2	47.0	50.3	46.5	47.1
<b>Operators by sex:</b>							
Male..... farms, 1987..	101 838	944	661	1 038	836	832	1 392
..... 1982..	112 456	1 038	721	1 111	872	890	1 545
..... acres, 1987..	31 076 208	349 044	237 759	312 834	233 464	262 868	414 260
..... 1982..	32 157 958	349 013	250 749	344 259	230 752	281 910	437 054
Female..... farms, 1987..	3 342	26	27	24	55	19	42
..... 1982..	2 957	27	16	23	28	15	40
..... acres, 1987..	561 922	4 321	5 848	8 392	11 197	5 569	5 220
..... 1982..	454 006	6 256	3 322	7 497	5 749	1 872	4 756
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship)..... farms, 1987..	89 188	816	573	856	782	751	1 199
..... 1982..	97 610	874	646	935	778	807	1 315
..... acres, 1987..	25 058 946	284 561	187 830	242 400	202 268	222 271	328 942
..... 1982..	25 568 925	277 695	209 290	277 288	191 720	225 800	344 326
Partnership..... farms, 1987..	11 088	111	95	188	91	85	158
..... 1982..	13 213	160	69	181	101	83	194
..... acres, 1987..	3 802 372	38 722	42 074	69 209	31 751	39 082	48 644
..... 1982..	4 393 079	55 908	30 736	64 523	32 980	52 364	57 770
Corporation:							
Family held..... farms, 1987..	4 094	38	18	10	13	8	67
..... 1982..	3 725	27	19	13	14	10	63
..... acres, 1987..	2 568 304	29 666	(D)	7 954	(D)	4 954	(D)
..... 1982..	2 403 988	(D)	13 438	7 907	8 996	3 706	(D)
Other than family held..... farms, 1987..	310	-	-	3	1	3	2
..... 1982..	385	1	1	3	4	3	2
..... acres, 1987..	91 558	-	-	597	(D)	(D)	(D)
..... 1982..	137 860	(D)	(D)	(D)	1 318	(D)	(D)
Other—cooperative, estate or trust, institutional, etc..... farms, 1987..	500	5	2	5	4	4	8
..... 1982..	480	3	2	2	3	2	11
..... acres, 1987..	116 850	416	(D)	1 066	960	(D)	1 030
..... 1982..	108 112	265	(D)	(D)	1 487	(D)	2 651

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Characteristics	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>OPERATOR CHARACTERISTICS—</b>							
<b>Con.</b>							
Operators by age group:							
Under 25 years.....	1987.. 36	17	39	46	22	53	19
	1982.. 68	42	63	90	62	85	63
25 to 34 years.....	1987.. 181	155	208	245	208	218	175
	1982.. 197	200	220	300	239	279	241
35 to 44 years.....	1987.. 274	222	260	305	234	258	212
	1982.. 288	218	321	269	183	324	185
45 to 54 years.....	1987.. 290	192	259	276	195	277	196
	1982.. 325	241	290	294	264	310	285
55 to 64 years.....	1987.. 326	277	233	291	283	307	251
	1982.. 327	322	275	310	314	354	279
55 to 59 years.....	1987.. 165	135	123	152	153	161	131
60 to 64 years.....	1987.. 161	142	110	139	130	146	120
65 years and over.....	1987.. 162	166	141	169	155	181	139
	1982.. 147	130	118	140	123	115	111
65 to 69 years.....	1987.. 79	85	74	91	92	95	69
70 years and over.....	1987.. 83	81	67	78	63	86	70
Average age.....	1987.. 48.9	50.0	47.2	47.6	48.6	48.4	48.8
	1982.. 47.9	48.5	46.4	45.9	47.4	46.0	46.7
Operators by sex:							
Male.....	1987.. farms, 1 224	1 007	1 106	1 289	1 069	1 266	965
	1982.. farms, 1 318	1 131	1 244	1 369	1 160	1 434	1 131
	1987.. acres, 300 201	334 577	231 301	331 123	354 845	324 275	338 505
	1982.. acres, 302 704	330 810	245 461	331 692	358 052	329 701	345 592
Female.....	1987.. farms, 45	22	34	43	28	28	27
	1982.. farms, 34	22	43	34	25	33	33
	1987.. acres, 5 315	2 089	3 785	6 003	3 953	3 839	3 655
	1982.. acres, 6 141	2 329	4 941	3 810	3 068	6 299	5 781
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship).....	1987.. farms, 1 053	840	1 014	1 137	909	1 129	851
	1982.. farms, 1 106	973	1 126	1 214	986	1 296	1 025
	1987.. acres, 224 859	244 112	200 999	271 009	282 863	267 525	289 783
	1982.. acres, 212 877	254 862	206 112	272 532	277 614	274 205	298 847
Partnership.....	1987.. farms, 137	85	84	142	125	108	96
	1982.. farms, 157	97	106	146	134	118	112
	1987.. acres, 29 572	27 332	16 633	38 286	43 728	28 576	32 016
	1982.. acres, 38 352	26 590	19 362	37 654	53 432	29 969	41 997
Corporation:							
Family held.....	1987.. farms, 68	90	35	40	52	48	38
	1982.. farms, 76	75	46	36	49	44	18
	1987.. acres, 48 366	59 910	(D)	25 770	(D)	30 132	(D)
	1982.. acres, 51 168	48 448	23 732	24 531	(D)	29 322	8 527
Other than family held.....	1987.. farms, 6	6	1	6	2	6	2
	1982.. farms, 4	4	4	3	2	6	1
	1987.. acres, 1 614	2 252	(D)	(D)	(D)	1 121	(D)
	1982.. acres, 2 626	1 363	19	53	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.....	1987.. farms, 5	8	6	7	9	3	5
	1982.. farms, 9	4	5	4	14	3	8
	1987.. acres, 1 105	3 060	1 072	(D)	1 438	760	1 201
	1982.. acres, 3 822	1 876	1 177	732	3 319	(D)	(D)

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>OPERATOR CHARACTERISTICS—</b>							
Con.							
Operators by age group:							
Under 25 years ----- 1987..	46	45	31	35	24	41	18
----- 1982..	79	57	59	58	78	62	35
25 to 34 years ----- 1987..	293	152	194	165	218	222	84
----- 1982..	264	202	260	187	254	242	105
35 to 44 years ----- 1987..	273	190	271	213	217	198	126
----- 1982..	239	195	277	205	182	229	152
45 to 54 years ----- 1987..	245	183	238	182	212	196	141
----- 1982..	316	225	283	234	274	275	176
55 to 64 years ----- 1987..	314	197	267	238	286	254	183
----- 1982..	345	264	312	264	308	268	188
55 to 59 years ----- 1987..	166	87	123	118	138	135	93
60 to 64 years ----- 1987..	148	110	144	120	148	119	90
65 years and over ----- 1987..	148	175	169	96	134	143	145
----- 1982..	133	144	132	97	118	104	110
65 to 69 years ----- 1987..	78	91	76	53	69	55	69
70 years and over ----- 1987..	70	84	93	43	65	88	76
Average age ----- 1987..	46.7	49.2	48.7	47.4	48.1	47.8	51.9
----- 1982..	46.7	47.6	46.8	46.9	46.5	46.0	49.0
Operators by sex:							
Male ----- farms, 1987..	1 284	920	1 134	908	1 052	1 009	670
----- 1982..	1 357	1 061	1 286	1 025	1 186	1 142	754
acres, 1987..	358 446	329 060	337 022	315 410	330 950	270 397	223 803
----- 1982..	355 598	341 956	343 929	324 220	337 750	285 434	235 231
Female ----- farms, 1987..	35	22	36	21	39	45	27
----- 1982..	39	26	37	20	28	38	12
acres, 1987..	8 210	4 023	8 461	2 564	7 758	5 819	5 620
----- 1982..	7 838	3 770	5 524	3 225	2 844	4 108	1 528
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) ----- farms, 1987..	1 110	807	976	788	927	909	630
----- 1982..	1 192	919	1 086	868	1 045	1 018	670
acres, 1987..	303 309	277 168	259 220	245 055	280 255	229 743	202 375
----- 1982..	298 976	274 867	252 120	249 559	284 521	232 310	189 933
Partnership ----- farms, 1987..	131	100	119	75	123	107	48
----- 1982..	133	132	155	113	138	128	78
acres, 1987..	37 057	37 310	41 713	(D)	38 074	25 598	18 711
----- 1982..	36 825	50 958	45 702	39 316	40 136	32 797	37 929
Corporation:							
Family held ----- farms, 1987..	63	21	71	56	36	27	15
----- 1982..	56	26	75	48	24	25	12
acres, 1987..	(D)	14 871	(D)	36 892	19 828	18 576	(D)
----- 1982..	24 916	18 975	51 095	32 865	14 878	17 981	6 555
Other than family held ----- farms, 1987..	4	5	1	8	2	3	1
----- 1982..	9	3	1	7	4	4	3
acres, 1987..	(D)	2 166	(D)	2 123	(D)	1 771	(D)
----- 1982..	1 819	42	(D)	3 159	498	4 676	1 486
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	11	9	3	2	3	8	3
----- 1982..	6	7	6	9	3	5	3
acres, 1987..	1 457	1 588	757	(D)	(D)	528	879
----- 1982..	900	884	(D)	2 546	561	1 778	656

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>OPERATOR CHARACTERISTICS—</b>							
<b>Con.</b>							
<b>Operators by age group:</b>							
Under 25 years ----- 1987..	14	48	59	56	27	22	9
----- 1982..	45	82	74	90	48	42	39
25 to 34 years ----- 1987..	166	329	258	234	143	146	75
----- 1982..	204	340	278	263	188	159	113
35 to 44 years ----- 1987..	178	364	307	272	221	165	135
----- 1982..	212	352	354	306	240	186	145
45 to 54 years ----- 1987..	172	356	337	289	211	202	151
----- 1982..	207	399	387	332	259	209	186
55 to 64 years ----- 1987..	224	366	312	297	278	193	201
----- 1982..	273	367	341	377	300	211	159
55 to 59 years ----- 1987..	98	184	168	137	135	97	113
60 to 64 years ----- 1987..	126	182	144	160	143	96	88
65 years and over ----- 1987..	123	242	164	191	201	193	144
----- 1982..	104	185	136	143	173	147	127
65 to 69 years ----- 1987..	71	122	85	85	93	71	53
70 years and over ----- 1987..	52	120	79	106	108	122	91
Average age ----- 1987..	48.7	48.0	47.2	48.2	50.8	50.9	52.7
----- 1982..	47.0	46.6	46.4	46.7	49.0	48.6	49.1
<b>Operators by sex:</b>							
<b>Male ----- farms, 1987..</b>							
----- 1982..	842	1 649	1 388	1 299	1 040	885	689
----- acres, 1987..	1 011	1 675	1 530	1 481	1 164	931	735
----- 1982..	307 156	441 374	368 825	401 628	323 022	261 697	269 144
----- 1982..	340 146	440 616	391 543	421 997	339 866	276 477	295 169
<b>Female ----- farms, 1987..</b>							
----- 1982..	35	56	49	40	41	36	26
----- acres, 1987..	34	50	40	30	44	23	34
----- 1982..	8 402	9 368	8 127	5 267	5 297	5 302	9 570
----- 1982..	7 576	6 745	6 519	4 526	6 157	2 375	5 515
<b>TYPE OF ORGANIZATION</b>							
<b>Individual or family (sole proprietorship) ----- farms, 1987..</b>							
----- 1982..	749	1 347	1 219	1 179	920	843	627
----- acres, 1987..	878	1 411	1 322	1 316	1 027	834	663
----- 1982..	257 320	333 370	299 068	336 224	241 455	224 276	208 375
----- 1982..	275 514	346 889	316 003	353 173	260 620	226 440	222 538
<b>Partnership ----- farms, 1987..</b>							
----- 1982..	67	314	136	118	95	63	69
----- acres, 1987..	112	282	172	151	124	100	83
----- 1982..	26 146	95 483	37 187	39 794	34 904	31 733	45 933
----- 1982..	41 260	84 818	46 948	46 323	41 065	41 735	55 588
<b>Corporation:</b>							
<b>Family held ----- farms, 1987..</b>							
----- 1982..	52	34	72	35	56	10	16
----- acres, 1987..	46	24	65	32	49	12	20
----- 1982..	30 376	17 717	39 977	24 695	(D)	10 456	22 078
----- 1982..	29 203	12 813	34 062	25 434	40 800	(D)	19 976
<b>Other than family held ----- farms, 1987..</b>							
----- 1982..	4	3	7	3	2	3	2
----- acres, 1987..	3	6	6	3	3	1	1
----- 1982..	916	2 888	594	(D)	(D)	(D)	(D)
----- 1982..	(D)	(D)	356	51	2 202	(D)	(D)
<b>Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..</b>							
----- 1982..	5	7	3	4	8	2	1
----- acres, 1987..	6	2	5	9	5	7	2
----- 1982..	800	1 284	126	(D)	1 751	(D)	(D)
----- 1982..	(D)	(D)	693	1 542	1 336	707	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by age group:								
Under 25 years..... 1987..	60	30	20	26	14	37	26	27
..... 1982..	91	34	33	54	30	90	41	50
25 to 34 years..... 1987..	320	103	94	319	112	253	162	185
..... 1982..	309	113	141	292	153	303	209	222
35 to 44 years..... 1987..	286	156	118	369	154	309	195	187
..... 1982..	302	145	121	423	144	362	231	222
45 to 54 years..... 1987..	343	155	118	417	104	358	208	210
..... 1982..	362	155	145	444	139	385	242	250
55 to 64 years..... 1987..	314	143	151	375	144	358	244	268
..... 1982..	317	211	148	320	173	344	256	310
55 to 59 years..... 1987..	166	70	71	215	58	197	135	119
60 to 64 years..... 1987..	148	73	80	160	86	161	109	149
65 years and over..... 1987..	129	166	92	183	81	195	150	135
..... 1982..	100	157	64	175	75	157	118	114
65 to 69 years..... 1987..	65	75	41	77	42	88	66	60
70 years and over..... 1987..	64	91	51	106	39	107	84	75
Average age..... 1987..	46.1	50.3	49.3	47.6	48.0	48.6	49.2	49.0
..... 1982..	45.3	50.7	46.2	46.7	46.6	46.3	47.4	47.2
Operators by sex:								
Male..... farms, 1987..								
..... 1982..	1 415	742	571	1 651	594	1 469	951	985
..... acres, 1987..	1 455	794	641	1 646	691	1 610	1 071	1 137
..... 1982..	347 292	208 790	208 234	328 982	224 584	413 802	290 612	342 416
..... 1982..	349 342	223 004	224 450	332 022	238 972	432 952	297 982	361 657
Female..... farms, 1987..								
..... 1982..	37	11	22	38	15	41	34	27
..... acres, 1987..	26	21	11	62	23	31	26	31
..... 1987..	6 648	2 053	2 768	5 130	3 348	6 880	5 876	3 973
..... 1982..	2 519	1 766	3 107	6 890	6 440	4 058	3 740	5 116
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship)..... farms, 1987..								
..... 1982..	1 221	623	505	1 389	543	1 254	838	855
..... acres, 1987..	1 255	663	549	1 436	627	1 381	927	995
..... 1987..	281 081	159 093	164 657	258 134	192 463	319 680	227 706	277 521
..... 1982..	280 817	167 509	181 178	270 971	205 998	336 237	227 462	291 424
Partnership..... farms, 1987..								
..... 1982..	182	63	52	275	45	188	79	92
..... acres, 1987..	184	90	72	244	61	198	107	106
..... 1987..	47 894	22 331	21 104	63 599	(D)	57 055	25 206	33 243
..... 1982..	49 368	31 859	25 393	55 646	23 488	54 761	32 735	37 262
Corporation:								
Family held..... farms, 1987..								
..... 1982..	41	62	30	17	18	57	60	55
..... acres, 1987..	31	54	26	13	20	53	53	54
..... 1987..	(D)	(D)	23 824	7 720	(D)	41 198	42 264	28 661
..... 1982..	19 932	24 539	20 196	5 476	15 425	42 075	39 514	33 115
Other than family held..... farms, 1987..								
..... 1982..	2	1	-	5	2	4	3	5
..... acres, 1987..	2	-	4	6	3	4	4	8
..... 1987..	(D)	(D)	-	3 902	(D)	447	444	1 973
..... 1982..	(D)	-	(D)	1 768	137	(D)	1 284	4 011
Other—cooperative, estate or trust, institutional, etc..... farms, 1987..								
..... 1982..	6	4	6	3	1	7	5	5
..... acres, 1987..	9	8	1	9	3	5	6	5
..... 1987..	1 111	3 145	1 417	757	(D)	2 302	868	4 991
..... 1982..	(D)	863	(D)	5 051	364	(D)	727	961

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by age group:								
Under 25 years ----- 1987--	14	22	26	21	24	31	29	18
----- 1982--	30	43	54	45	40	69	56	62
25 to 34 years ----- 1987--	107	165	178	128	192	192	186	169
----- 1982--	121	194	194	189	196	221	210	189
35 to 44 years ----- 1987--	131	185	232	200	204	211	214	204
----- 1982--	129	157	259	218	231	221	251	197
45 to 54 years ----- 1987--	127	171	246	176	199	237	227	183
----- 1982--	175	227	261	229	255	277	260	265
55 to 64 years ----- 1987--	183	258	234	243	263	258	238	244
----- 1982--	205	290	260	257	299	282	303	318
55 to 59 years ----- 1987--	79	114	129	113	132	133	123	118
60 to 64 years ----- 1987--	104	144	105	130	131	125	115	126
65 years and over ----- 1987--	157	147	121	192	144	123	171	206
----- 1982--	111	143	107	167	137	106	128	161
65 to 69 years ----- 1987--	76	68	56	80	71	57	93	95
70 years and over ----- 1987--	81	79	65	112	73	66	78	111
Average age ----- 1987--	51.7	49.7	48.0	51.2	48.8	48.1	48.9	50.7
----- 1982--	49.3	49.0	46.8	48.7	48.4	46.5	47.5	48.8
Operators by sex:								
Male ----- farms, 1987--	683	922	1 021	926	1 000	1 027	1 036	991
----- 1982--	747	1 026	1 112	1 076	1 133	1 157	1 180	1 167
acres, 1987--	303 423	349 799	315 593	310 991	343 184	343 423	332 260	380 650
----- 1982--	303 999	354 200	315 581	319 512	354 538	347 800	347 515	405 453
Female ----- farms, 1987--	36	26	16	34	26	25	29	33
----- 1982--	24	28	23	29	25	19	28	25
acres, 1987--	5 373	3 484	4 064	5 640	4 169	4 351	5 730	6 340
----- 1982--	2 787	4 823	4 977	6 983	3 721	3 358	8 308	3 148
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987--	568	771	846	837	871	890	899	897
----- 1982--	634	873	942	958	996	985	990	1 045
acres, 1987--	233 208	270 859	222 599	260 600	261 336	281 916	267 963	325 244
----- 1982--	233 215	270 522	222 446	268 332	281 309	277 612	263 087	345 173
Partnership ----- farms, 1987--	107	102	105	93	85	112	94	95
----- 1982--	101	106	107	108	109	150	128	112
acres, 1987--	41 731	36 562	30 115	35 460	43 574	40 154	32 749	33 990
----- 1982--	41 618	41 476	29 977	42 363	44 736	48 174	43 422	41 315
Corporation:								
Family held ----- farms, 1987--	35	67	76	22	57	40	63	24
----- 1982--	33	57	72	19	44	33	76	26
acres, 1987--	29 306	(D)	64 441	18 698	40 232	23 826	35 209	26 573
----- 1982--	31 298	43 706	62 583	13 882	29 802	24 245	45 780	20 898
Other than family held ----- farms, 1987--	4	2	7	2	3	4	6	5
----- 1982--	1	7	8	3	3	5	7	4
acres, 1987--	3 015	(D)	1 820	(D)	415	595	459	1 043
----- 1982--	(D)	2 271	4 612	406	426	385	1 470	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987--	5	6	3	6	10	6	3	3
----- 1982--	2	11	6	7	6	3	7	5
acres, 1987--	1 536	1 495	682	(D)	1 796	1 283	1 610	340
----- 1982--	(D)	1 048	940	1 512	1 986	740	2 064	(D)

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
<b>Operators by age group:</b>								
Under 25 years ----- 1987..	15	26	13	28	37	50	38	14
----- 1982..	32	39	44	52	56	88	85	46
25 to 34 years ----- 1987..	126	169	125	155	189	245	206	110
----- 1982..	156	188	133	157	186	236	252	173
35 to 44 years ----- 1987..	199	166	143	165	185	252	299	148
----- 1982..	226	201	165	138	243	351	316	155
45 to 54 years ----- 1987..	180	197	163	129	214	333	303	153
----- 1982..	184	242	188	216	270	346	382	199
55 to 64 years ----- 1987..	202	237	195	222	250	295	355	196
----- 1982..	225	263	231	230	272	264	362	211
55 to 59 years ----- 1987..	98	101	93	86	121	173	204	90
60 to 64 years ----- 1987..	104	136	102	136	129	122	151	106
65 years and over ----- 1987..	171	143	115	88	182	179	264	154
----- 1982..	140	122	87	81	123	137	192	110
65 to 69 years ----- 1987..	75	67	64	42	84	75	122	73
70 years and over ----- 1987..	96	76	51	46	98	104	142	81
Average age ----- 1987..	50.7	49.3	49.6	48.0	49.3	48.2	50.2	51.2
----- 1982..	48.7	47.9	48.0	47.2	47.4	46.1	47.7	47.4
<b>Operators by sex:</b>								
Male ----- farms, 1987..	869	918	739	765	1 023	1 303	1 433	742
----- 1982..	948	1 037	836	857	1 117	1 375	1 554	862
acres, 1987..	226 186	263 548	270 403	255 950	326 191	335 136	424 191	228 744
----- 1982..	237 150	275 729	272 071	256 667	357 446	341 438	442 484	244 549
Female ----- farms, 1987..	24	20	15	22	34	51	32	33
----- 1982..	15	18	12	17	33	47	35	32
acres, 1987..	5 431	5 737	4 990	4 153	3 514	10 476	3 005	6 072
----- 1982..	2 253	3 132	3 351	3 009	4 019	5 920	4 878	3 443
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	760	803	649	658	899	1 153	1 182	658
----- 1982..	824	906	725	737	974	1 219	1 293	767
acres, 1987..	190 657	222 432	225 627	209 946	249 660	278 545	317 302	183 485
----- 1982..	192 857	226 401	222 470	215 449	263 817	286 155	333 155	202 403
Partnership ----- farms, 1987..	75	107	69	97	113	161	193	76
----- 1982..	90	121	97	104	147	173	215	91
acres, 1987..	19 016	33 432	34 219	36 994	41 885	50 254	58 443	28 277
----- 1982..	23 407	34 744	39 498	32 238	48 754	46 681	71 795	27 238
Corporation:								
Family held ----- farms, 1987..	50	22	28	26	36	32	80	33
----- 1982..	42	24	20	23	22	25	67	28
acres, 1987..	19 662	(D)	(D)	(D)	(D)	(D)	48 697	(D)
----- 1982..	(D)	16 346	(D)	10 932	23 321	(D)	39 367	17 762
Other than family held ----- farms, 1987..	3	2	1	1	1	2	4	2
----- 1982..	2	1	2	4	3	-	9	6
acres, 1987..	1 615	(D)	(D)	(D)	(D)	(D)	382	(D)
----- 1982..	(D)	(D)	(D)	387	25 175	-	1 660	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	5	4	7	5	8	6	6	6
----- 1982..	5	3	4	6	4	5	5	2
acres, 1987..	467	519	1 570	974	1 172	209	2 372	801
----- 1982..	977	(D)	623	670	398	(D)	1 385	(D)

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
<b>Operators by age group:</b>								
Under 25 years ----- 1987..	43	29	15	72	16	29	18	11
----- 1982..	52	57	85	113	35	54	36	30
25 to 34 years ----- 1987..	190	149	184	325	130	204	93	59
----- 1982..	251	241	222	358	181	268	117	99
35 to 44 years ----- 1987..	295	278	205	355	205	355	124	134
----- 1982..	305	285	223	347	220	371	127	143
45 to 54 years ----- 1987..	294	289	195	359	235	385	136	140
----- 1982..	350	284	229	466	229	446	175	181
55 to 64 years ----- 1987..	310	288	259	436	224	390	157	171
----- 1982..	350	305	265	456	247	416	147	186
55 to 59 years ----- 1987..	161	128	116	216	107	215	79	77
60 to 64 years ----- 1987..	149	140	143	220	117	175	78	94
65 years and over ----- 1987..	224	188	178	171	179	327	106	175
----- 1982..	200	135	169	145	148	255	97	130
65 to 69 years ----- 1987..	99	67	69	87	82	149	46	69
70 years and over ----- 1987..	125	101	109	84	97	178	60	106
Average age ----- 1987..	48.6	49.5	50.1	47.3	50.5	51.2	50.2	53.9
----- 1982..	48.5	46.9	47.2	46.2	48.5	49.2	48.1	50.3
<b>Operators by sex:</b>								
Male ----- farms, 1987..	1 305	1 124	1 004	1 692	954	1 614	613	650
----- 1982..	1 439	1 278	1 160	1 861	1 036	1 751	678	731
----- acres, 1987..	300 690	316 707	337 931	591 483	261 435	348 438	194 918	201 081
----- 1982..	320 307	332 697	344 171	605 876	263 733	363 243	205 266	213 674
Female ----- farms, 1987..	51	37	32	26	35	76	21	40
----- 1982..	69	29	33	24	24	59	21	38
----- acres, 1987..	4 944	5 499	5 233	7 670	4 655	7 562	3 937	5 438
----- 1982..	7 933	3 827	6 522	5 604	3 008	5 282	3 404	5 823
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	1 091	950	869	1 501	811	1 450	515	602
----- 1982..	1 216	1 070	959	1 631	891	1 545	565	675
----- acres, 1987..	219 105	230 717	264 629	503 232	190 025	272 855	149 094	172 012
----- 1982..	237 862	249 117	252 325	498 229	190 759	275 499	156 053	175 521
Partnership ----- farms, 1987..	187	136	123	147	124	150	70	70
----- 1982..	212	164	194	196	126	184	91	85
----- acres, 1987..	54 185	47 971	52 210	62 277	47 103	37 076	22 334	20 649
----- 1982..	57 842	47 091	77 941	71 460	45 329	48 711	32 123	35 149
Corporation:								
Family held ----- farms, 1987..	67	68	39	57	46	79	39	14
----- 1982..	71	66	30	48	36	67	38	8
----- acres, 1987..	30 348	(D)	(D)	30 354	27 091	44 816	23 694	(D)
----- 1982..	31 378	38 067	18 555	39 715	29 054	42 184	19 674	(D)
Other than family held ----- farms, 1987..	4	2	2	8	3	6	4	1
----- 1982..	6	3	6	7	3	3	-	-
----- acres, 1987..	976	(D)	(D)	2 270	587	139	(D)	(D)
----- 1982..	990	2 094	(D)	1 406	336	131	-	-
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	7	5	3	5	5	5	6	3
----- 1982..	3	4	4	3	4	11	5	1
----- acres, 1987..	1 020	160	614	1 020	1 284	1 114	(D)	2 438
----- 1982..	168	155	(D)	670	1 263	2 000	820	(D)

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by age group:								
Under 25 years ----- 1987..	62	13	38	37	16	15	32	19
----- 1982..	108	42	64	41	49	26	46	55
25 to 34 years ----- 1987..	279	123	206	140	156	84	172	151
----- 1982..	272	171	242	156	180	111	222	149
35 to 44 years ----- 1987..	223	225	236	201	206	150	193	151
----- 1982..	253	256	239	262	215	147	202	169
45 to 54 years ----- 1987..	237	231	215	263	246	120	211	183
----- 1982..	320	259	254	291	306	156	214	207
55 to 64 years ----- 1987..	273	242	285	279	256	152	211	199
----- 1982..	334	268	304	302	307	163	226	229
55 to 59 years ----- 1987..	151	125	131	140	130	66	103	109
60 to 64 years ----- 1987..	122	117	134	139	126	86	108	90
65 years and over ----- 1987..	160	225	235	211	193	120	120	151
----- 1982..	104	158	162	179	144	81	101	124
65 to 69 years ----- 1987..	108	96	115	90	97	53	55	64
70 years and over ----- 1987..	52	129	120	121	96	67	65	87
Average age ----- 1987..	46.6	51.9	49.8	51.1	50.6	50.7	48.0	49.8
----- 1982..	45.4	48.6	47.7	49.7	48.7	48.0	46.3	48.2
Operators by sex:								
Male ----- farms, 1987..	1 193	1 018	1 162	1 078	1 020	621	920	827
----- 1982..	1 359	1 119	1 242	1 192	1 162	664	987	912
acres, 1987..	337 184	289 409	321 788	273 367	323 450	242 194	268 579	368 975
----- 1982..	353 402	310 645	331 159	288 050	332 210	251 968	269 666	374 317
Female ----- farms, 1987..	41	41	31	53	53	20	19	27
----- 1982..	32	35	23	39	39	20	24	21
acres, 1987..	5 774	4 234	6 305	5 948	6 562	3 186	2 003	8 055
----- 1982..	4 091	3 003	4 874	4 364	5 565	2 270	3 334	4 304
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	1 095	924	1 004	955	871	516	807	739
----- 1982..	1 219	988	1 033	1 040	962	545	854	786
acres, 1987..	287 186	233 648	283 712	215 925	242 952	179 836	222 603	313 314
----- 1982..	297 285	250 318	251 580	225 961	238 801	190 796	219 909	299 875
Partnership ----- farms, 1987..	89	108	138	140	118	88	98	92
----- 1982..	126	142	199	165	149	110	125	123
acres, 1987..	25 406	37 253	43 061	41 545	33 721	42 099	32 085	43 306
----- 1982..	36 322	40 255	69 507	55 464	39 911	46 704	37 392	51 605
Corporation:								
Family held ----- farms, 1987..	42	20	43	27	73	34	27	18
----- 1982..	37	18	26	19	82	24	23	21
acres, 1987..	29 129	(D)	19 359	20 187	47 770	22 279	15 209	(D)
----- 1982..	23 295	(D)	13 539	9 766	55 133	(D)	12 605	(D)
Other than family held ----- farms, 1987..	3	2	5	5	6	-	2	2
----- 1982..	3	2	6	-	5	2	3	-
acres, 1987..	28	(D)	746	1 142	2 724	-	(D)	(D)
----- 1982..	(D)	(D)	(D)	-	(D)	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	5	5	3	4	5	3	5	3
----- 1982..	6	4	1	7	3	3	6	3
acres, 1987..	1 189	1 757	1 215	516	2 845	1 166	(D)	1 040
----- 1982..	(D)	2 695	(D)	1 223	(D)	2 522	(D)	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by age group:								
Under 25 years .....	1987.. 14	13	25	39	30	24	28	55
	1982.. 32	28	27	75	62	62	62	104
25 to 34 years .....	1987.. 83	109	123	249	182	144	183	323
	1982.. 99	147	129	272	182	174	176	388
35 to 44 years .....	1987.. 129	135	165	230	138	196	160	401
	1982.. 167	134	247	210	146	170	175	330
45 to 54 years .....	1987.. 149	117	228	231	156	183	166	343
	1982.. 147	170	249	345	196	231	252	447
55 to 64 years .....	1987.. 195	173	227	356	178	247	260	391
	1982.. 193	160	238	334	188	251	261	412
55 to 59 years .....	1987.. 79	87	117	189	77	115	124	224
60 to 64 years .....	1987.. 116	86	110	167	101	132	136	167
65 years and over .....	1987.. 166	154	133	127	47	221	117	227
	1982.. 123	130	115	101	59	169	89	193
65 to 69 years .....	1987.. 94	74	75	74	26	88	66	100
70 years and over .....	1987.. 72	80	58	53	21	133	51	127
Average age .....	1987.. 52.5	51.0	49.7	47.8	45.5	51.6	48.4	47.7
	1982.. 49.7	48.8	48.5	46.3	45.0	48.9	47.0	46.6
Operators by sex:								
Male .....	farms, 1987.. 706	684	877	1 205	714	982	906	1 689
	1982.. 738	756	979	1 314	824	1 027	999	1 820
	acres, 1987.. 219 503	245 819	230 983	356 945	228 657	332 417	333 900	512 745
	1982.. 218 299	250 510	236 273	357 878	244 384	329 341	341 463	508 062
Female .....	farms, 1987.. 30	17	24	27	17	33	28	51
	1982.. 23	13	26	23	9	30	16	54
	acres, 1987.. 5 642	2 072	2 043	5 264	2 014	5 355	9 957	8 724
	1982.. 3 901	3 030	1 854	4 985	1 673	3 767	3 864	9 956
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....	farms, 1987.. 646	587	755	1 056	641	844	815	1 516
	1982.. 680	627	835	1 144	734	874	851	1 624
	acres, 1987.. 194 917	204 015	170 968	296 848	187 896	263 010	281 165	431 664
	1982.. 195 761	202 616	171 301	292 251	203 836	262 008	272 048	432 349
Partnership .....	farms, 1987.. 76	87	83	112	48	140	72	166
	1982.. 71	115	103	134	59	151	103	209
	acres, 1987.. 25 624	31 041	29 097	35 756	(D)	53 427	29 146	63 167
	1982.. 24 547	38 903	31 952	43 152	18 736	51 710	36 776	67 597
Corporation:								
Family held .....	farms, 1987.. 7	18	58	55	40	25	41	50
	1982.. 4	20	51	48	33	20	52	35
	acres, 1987.. 3 070	(D)	(D)	28 491	(D)	18 579	(D)	26 232
	1982.. 1 471	10 631	(D)	25 222	22 405	14 137	33 495	(D)
Other than family held .....	farms, 1987.. 3	2	1	3	1	2	1	3
	1982.. 6	3	1	5	4	7	3	1
	acres, 1987.. (D)	(D)	(D)	(D)	(D)	(D)	(D)	180
	1982.. 421	(D)	(D)	1 532	660	2 968	880	(D)
Other—cooperative, estate or trust, institutional, etc. ....	farms, 1987.. 4	7	4	6	1	4	5	5
	1982.. -	4	5	6	3	5	6	5
	acres, 1987.. (D)	1 527	1 248	(D)	(D)	(D)	1 150	226
	1982.. -	(D)	1 014	706	420	2 285	2 128	873

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by age group:								
Under 25 years ----- 1987..	22	20	46	29	16	38	24	42
----- 1982..	67	43	85	55	29	68	34	83
25 to 34 years ----- 1987..	183	113	279	171	96	189	156	245
----- 1982..	232	140	300	195	138	212	187	248
35 to 44 years ----- 1987..	202	184	338	215	110	196	199	264
----- 1982..	184	211	357	222	133	188	257	225
45 to 54 years ----- 1987..	194	220	323	226	125	197	219	204
----- 1982..	241	279	419	263	167	274	255	298
55 to 64 years ----- 1987..	256	260	434	229	186	258	224	274
----- 1982..	294	267	452	273	176	298	264	355
55 to 59 years ----- 1987..	131	145	228	123	81	120	116	126
60 to 64 years ----- 1987..	125	115	206	106	105	138	108	148
65 years and over ----- 1987..	130	204	232	177	168	157	151	148
----- 1982..	87	170	215	144	135	106	100	108
65 to 69 years ----- 1987..	89	86	100	81	65	83	81	78
70 years and over ----- 1987..	41	118	132	96	103	74	70	70
Average age ----- 1987..	48.3	52.1	49.1	49.3	52.8	48.7	49.3	47.0
----- 1982..	46.3	49.8	48.0	48.1	49.6	47.1	47.3	46.7
Operators by sex:								
Male ----- farms, 1987..	956	937	1 607	1 010	666	997	941	1 164
----- 1982..	1 086	1 060	1 763	1 121	749	1 108	1 072	1 293
----- acres, 1987..	342 859	231 627	536 937	329 935	274 658	352 953	226 976	348 699
----- 1982..	354 466	242 099	543 262	352 068	306 654	353 744	235 595	351 899
Female ----- farms, 1987..	31	64	45	37	35	38	32	13
----- 1982..	19	50	65	31	27	38	25	24
----- acres, 1987..	6 517	6 629	6 944	5 513	10 600	6 724	3 485	2 688
----- 1982..	2 921	5 162	12 086	3 650	7 317	5 413	3 571	4 932
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	849	806	1 376	888	608	840	839	1 025
----- 1982..	978	916	1 479	971	661	926	931	1 139
----- acres, 1987..	289 934	168 173	414 547	267 456	227 338	270 448	171 846	302 075
----- 1982..	301 524	177 464	400 893	275 956	248 644	267 674	177 218	295 165
Partnership ----- farms, 1987..	87	112	179	128	74	124	64	108
----- 1982..	72	117	253	155	96	161	99	132
----- acres, 1987..	30 575	27 534	73 864	49 219	42 088	58 836	17 090	29 367
----- 1982..	25 452	28 151	104 730	59 687	51 427	62 939	26 596	40 287
Corporation:								
Family held ----- farms, 1987..	44	65	80	21	12	57	64	39
----- 1982..	44	56	77	22	14	52	62	38
----- acres, 1987..	27 076	37 242	51 962	15 972	(D)	27 436	(D)	19 294
----- 1982..	29 180	33 874	47 328	18 473	10 976	26 653	34 521	21 035
Other than family held ----- farms, 1987..	2	4	14	-	2	7	2	2
----- 1982..	4	14	14	2	4	6	4	5
----- acres, 1987..	(D)	1 583	3 426	-	(D)	(D)	(D)	(D)
----- 1982..	420	6 145	1 447	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	5	14	3	10	5	7	4	3
----- 1982..	7	7	5	2	1	1	1	3
----- acres, 1987..	(D)	3 724	82	2 801	3 560	(D)	2 182	(D)
----- 1982..	811	1 627	950	(D)	(D)	(D)	(D)	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Sloux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by age group:								
Under 25 years -----	1987.. 80	15	37	15	14	14	12	20
	1982.. 107	35	82	52	24	34	27	50
25 to 34 years -----	1987.. 410	181	208	121	102	103	93	139
	1982.. 441	235	243	157	140	162	148	174
35 to 44 years -----	1987.. 435	236	286	164	132	152	183	247
	1982.. 430	241	302	173	137	186	177	307
45 to 54 years -----	1987.. 407	213	295	142	143	165	194	339
	1982.. 469	271	331	166	187	155	219	322
55 to 64 years -----	1987.. 489	287	349	155	151	173	193	335
	1982.. 501	312	383	197	171	197	225	336
55 to 59 years -----	1987.. 236	130	181	79	81	80	95	166
60 to 64 years -----	1987.. 263	157	168	76	70	93	98	169
65 years and over -----	1987.. 184	206	229	177	151	176	224	230
	1982.. 152	154	167	145	113	149	163	205
65 to 69 years -----	1987.. 90	108	109	87	62	80	100	92
70 years and over -----	1987.. 94	100	120	90	89	96	124	138
Average age -----	1987.. 46.6	50.3	49.9	50.7	51.3	51.6	52.8	51.7
	1982.. 45.6	48.1	47.7	48.2	48.7	48.7	49.9	49.6
Operators by sex:								
Male -----	farms, 1987.. 1 974	1 101	1 348	739	672	753	862	1 245
	1982.. 2 061	1 212	1 474	874	753	851	928	1 337
	acres, 1987.. 466 585	323 847	407 317	282 095	231 238	240 038	206 725	294 552
	1982.. 464 642	334 953	415 073	290 355	233 356	266 517	219 057	313 140
Female -----	farms, 1987.. 41	37	56	35	21	30	37	65
	1982.. 39	36	34	16	19	32	31	57
	acres, 1987.. 5 768	3 234	9 861	8 962	2 357	4 901	4 960	9 231
	1982.. 5 348	3 439	4 513	1 946	2 205	4 155	3 660	7 700
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) -----	farms, 1987.. 1 694	916	1 176	666	608	679	817	1 119
	1982.. 1 763	1 042	1 272	758	680	755	857	1 175
	acres, 1987.. 375 205	239 864	324 359	240 532	195 792	201 387	175 528	236 116
	1982.. 380 221	251 710	331 842	226 553	185 360	215 129	186 958	242 293
Partnership -----	farms, 1987.. 251	109	172	89	63	73	60	142
	1982.. 278	108	187	106	71	99	74	169
	acres, 1987.. 68 495	31 220	59 074	35 679	24 325	30 302	21 360	39 729
	1982.. 68 663	26 708	60 532	51 487	40 895	39 794	20 289	49 706
Corporation:								
Family held -----	farms, 1987.. 58	95	50	15	20	26	20	40
	1982.. 44	81	45	24	16	24	25	35
	acres, 1987.. 27 836	(D)	(D)	(D)	13 188	12 445	(D)	26 427
	1982.. 18 224	55 666	(D)	(D)	(D)	13 333	14 821	26 199
Other than family held -----	farms, 1987.. 6	9	2	1	1	3	-	5
	1982.. 8	7	1	-	2	4	1	10
	acres, 1987.. 78	(D)	(D)	(D)	(D)	(D)	-	991
	1982.. 1 808	413	(D)	-	(D)	(D)	(D)	2 258
Other—cooperative, estate or trust, institutional, etc. -----	farms, 1987.. 6	9	4	3	1	2	2	4
	1982.. 7	10	3	2	3	1	2	5
	acres, 1987.. 749	1 025	394	260	(D)	(D)	(D)	520
	1982.. 854	3 895	534	(D)	1 464	(D)	(D)	384

**Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
<b>Operators by age group:</b>								
Under 25 years ----- 1987..	42	22	22	25	48	31	18	12
1982..	58	36	64	53	95	80	51	42
25 to 34 years ----- 1987..	214	71	204	132	314	205	116	129
1982..	226	133	236	160	310	271	158	150
35 to 44 years ----- 1987..	232	145	249	137	310	300	128	164
1982..	259	133	216	135	336	336	138	202
45 to 54 years ----- 1987..	246	131	253	153	327	267	120	193
1982..	277	164	332	200	413	332	168	220
55 to 64 years ----- 1987..	260	194	337	192	379	330	183	242
1982..	272	216	357	220	412	373	200	287
55 to 59 years ----- 1987..	146	77	167	106	184	157	79	112
60 to 64 years ----- 1987..	114	117	170	86	195	173	104	130
65 years and over ----- 1987..	164	180	170	103	255	227	102	142
1982..	146	142	152	79	158	187	83	108
65 to 69 years ----- 1987..	82	73	82	59	131	103	47	75
70 years and over ----- 1987..	82	107	88	44	124	124	55	67
Average age ----- 1987..	48.1	53.0	49.5	48.6	48.7	49.8	49.7	50.5
1982..	47.2	49.8	48.3	47.1	46.8	47.5	46.5	48.5
<b>Operators by sex:</b>								
Male ----- farms, 1987..	1 125	703	1 183	724	1 577	1 310	649	863
1982..	1 214	797	1 316	831	1 682	1 536	785	994
acres, 1987..	316 244	274 490	404 839	240 568	368 838	440 401	219 393	338 232
1982..	333 505	285 917	412 974	243 005	392 780	472 375	231 919	357 815
Female ----- farms, 1987..	33	40	52	18	56	50	18	19
1982..	24	27	41	16	42	43	13	15
acres, 1987..	5 260	6 779	11 784	1 862	8 187	11 358	2 285	5 778
1982..	4 345	4 257	6 658	3 545	7 833	6 249	2 395	2 653
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	905	642	1 074	647	1 382	1 200	586	776
1982..	954	702	1 172	730	1 434	1 382	680	864
acres, 1987..	222 013	240 202	340 330	197 229	295 329	369 256	184 174	290 136
1982..	226 731	237 077	341 671	199 843	315 765	395 088	186 767	286 709
Partnership ----- farms, 1987..	149	84	107	57	222	125	59	58
1982..	193	101	129	85	265	158	92	97
acres, 1987..	45 525	33 040	43 199	16 299	70 423	61 721	27 333	21 347
1982..	60 206	39 734	47 881	19 270	70 748	64 598	35 990	39 925
Corporation:								
Family held ----- farms, 1987..	90	9	43	38	15	25	17	44
1982..	73	17	39	29	20	25	15	42
acres, 1987..	49 564	(D)	28 317	28 902	7 494	(D)	(D)	(D)
1982..	45 939	11 623	24 199	27 257	13 118	14 371	(D)	31 424
Other than family held ----- farms, 1987..	10	1	5	--	2	2	1	1
1982..	12	1	8	--	1	6	2	2
acres, 1987..	3 647	(D)	(D)	--	(D)	(D)	(D)	(D)
1982..	4 427	(D)	4 048	--	(D)	3 748	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	4	7	6	--	12	8	4	3
1982..	6	3	9	3	4	8	9	4
acres, 1987..	755	1 234	(D)	--	(D)	900	335	609
1982..	547	(D)	1 833	180	(D)	819	507	(D)

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>INVENTORY</b>							
Cattle and calves							
farms, 1987..	49 469	650	464	863	648	400	685
1982..	62 412	810	539	984	680	547	855
number, 1987..	4 303 682	62 601	42 485	88 346	50 221	44 301	71 528
1982..	5 822 488	83 391	54 915	105 984	53 100	78 695	70 957
Farms by inventory:							
1 to 9							
farms, 1987..	4 928	33	24	37	66	30	82
1982..	5 919	29	34	29	57	25	89
number, 1987..	25 026	159	99	195	362	154	431
1982..	29 783	155	146	144	323	120	469
10 to 19							
farms, 1987..	5 734	41	29	41	76	45	80
1982..	6 410	44	46	41	73	37	82
number, 1987..	80 721	570	424	554	1 081	613	1 114
1982..	91 276	647	650	547	970	547	1 178
20 to 49							
farms, 1987..	13 985	185	144	172	184	105	202
1982..	16 782	223	125	188	189	134	266
number, 1987..	458 833	6 227	4 866	5 858	6 107	3 306	6 749
1982..	557 424	7 824	4 235	6 396	6 073	4 463	8 902
50 to 99							
farms, 1987..	12 289	199	128	254	155	106	183
1982..	15 755	216	154	297	166	135	216
number, 1987..	863 466	14 277	8 676	18 542	10 915	7 373	12 642
1982..	1 106 870	15 500	11 038	21 338	11 918	9 774	15 278
100 to 199							
farms, 1987..	8 310	124	99	264	120	68	97
1982..	11 296	211	122	298	145	129	139
number, 1987..	1 111 080	16 786	13 487	36 158	16 250	8 812	12 380
1982..	1 521 816	28 740	16 757	40 382	(D)	17 639	18 249
200 to 499							
farms, 1987..	3 423	58	32	90	41	31	30
1982..	5 122	79	47	127	48	66	49
number, 1987..	961 296	15 781	8 709	24 182	11 270	9 318	8 187
1982..	1 450 807	22 510	13 273	34 268	13 175	18 677	14 067
500 or more							
farms, 1987..	800	10	8	5	6	15	11
1982..	1 128	8	11	4	2	21	14
number, 1987..	803 260	8 801	6 224	2 857	4 236	14 725	30 025
1982..	1 064 512	8 015	8 816	2 909	(D)	27 475	12 814
Cows and heifers that had calved							
farms, 1987..	38 373	571	428	757	607	297	534
1982..	48 561	742	487	892	633	382	663
number, 1987..	1 418 633	27 456	19 662	38 989	26 207	13 034	16 315
1982..	1 876 061	35 597	23 722	47 359	28 129	20 550	22 207
Beef cows							
farms, 1987..	32 279	554	424	443	592	281	481
1982..	41 117	721	481	563	620	356	594
number, 1987..	1 123 745	26 347	19 414	18 686	25 483	12 568	13 908
1982..	1 536 397	34 062	23 136	25 595	27 332	19 559	19 393
1987 farms by inventory:							
1 to 9							
farms..	5 883	42	21	43	100	50	93
number..	30 117	209	104	188	501	259	489
10 to 19							
farms..	7 337	78	78	84	95	64	106
number..	102 885	1 107	1 122	1 194	1 336	876	1 487
20 to 49							
farms..	12 314	258	193	190	220	107	218
number..	378 182	8 073	5 952	5 864	7 124	3 360	6 505
50 to 99							
farms..	4 965	122	92	89	127	44	54
number..	325 104	7 942	6 138	6 099	8 533	2 824	3 459
100 to 199							
farms..	1 467	43	34	32	41	7	8
number..	182 308	5 181	4 150	3 958	5 038	871	(D)
200 to 499							
farms..	276	9	5	5	8	5	1
number..	74 024	(D)	(D)	1 383	(D)	1 194	(D)
500 or more							
farms..	37	2	1	-	1	4	1
number..	31 125	(D)	(D)	-	(D)	3 184	(D)
Milk cows							
farms, 1987..	7 748	37	15	422	45	21	69
1982..	10 485	73	28	502	64	40	104
number, 1987..	294 888	1 109	248	20 303	724	466	2 407
1982..	399 664	1 535	586	21 764	797	991	2 814
1987 farms by inventory:							
1 to 9							
farms..	1 158	10	7	13	22	8	13
number..	3 417	22	14	52	37	20	32
10 to 19							
farms..	870	4	3	16	9	4	8
number..	12 357	52	38	241	140	63	123
20 to 49							
farms..	3 470	16	4	222	10	8	30
number..	115 939	550	(D)	7 880	296	(D)	1 007
50 to 99							
farms..	1 955	5	1	152	4	1	16
number..	123 685	(D)	(D)	9 782	251	(D)	(D)
100 to 199							
farms..	272	2	-	18	-	-	2
number..	32 759	(D)	-	(D)	-	-	(D)
200 to 499							
farms..	22	-	-	1	-	-	-
number..	(D)	-	-	(D)	-	-	-
500 or more							
farms..	1	-	-	-	-	-	-
number..	(D)	-	-	-	-	-	-
Heifers and heifer calves							
farms, 1987..	38 383	542	377	761	516	305	534
1982..	48 981	687	438	859	550	443	678
number, 1987..	1 275 321	15 274	9 787	26 515	10 840	14 576	19 972
1982..	1 663 560	20 991	11 889	28 514	11 958	25 436	20 323
Steers, steer calves, bulls, and bull calves							
farms, 1987..	42 527	594	409	753	563	346	585
1982..	54 603	754	479	866	620	480	777
number, 1987..	1 609 728	19 871	13 036	22 842	13 174	16 691	35 241
1982..	2 282 867	26 803	19 304	30 111	13 013	32 709	28 427

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>INVENTORY</b>							
Cattle and calves ----- farms, 1987..	413	323	564	646	240	552	235
----- farms, 1982..	565	447	703	738	378	739	400
----- number, 1987..	24 204	24 331	34 300	37 083	30 112	32 358	22 434
----- number, 1982..	36 312	35 101	39 690	47 218	46 641	44 507	41 563
<b>Farms by inventory:</b>							
1 to 9 ----- farms, 1987..	66	60	89	77	45	78	40
----- farms, 1982..	116	76	114	95	37	106	41
----- number, 1987..	309	277	448	392	238	393	185
----- number, 1982..	567	365	610	512	146	519	174
10 to 19 ----- farms, 1987..	62	44	77	120	24	83	43
----- farms, 1982..	72	67	93	89	45	97	55
----- number, 1987..	843	602	1 132	1 722	348	1 197	592
----- number, 1982..	996	958	1 333	1 264	620	1 358	839
20 to 49 ----- farms, 1987..	131	89	148	238	51	182	62
----- farms, 1982..	151	139	195	260	88	257	118
----- number, 1987..	4 054	2 853	4 995	7 726	1 671	5 984	2 066
----- number, 1982..	4 836	4 516	6 523	8 541	2 991	8 428	3 834
50 to 99 ----- farms, 1987..	98	63	146	115	44	128	43
----- farms, 1982..	118	75	190	171	73	168	83
----- number, 1987..	7 304	4 374	10 273	7 790	2 926	8 711	2 816
----- number, 1982..	8 335	5 313	13 301	11 828	5 107	11 688	5 519
100 to 199 ----- farms, 1987..	42	35	81	67	30	60	19
----- farms, 1982..	77	50	92	84	72	79	58
----- number, 1987..	5 330	4 471	10 194	8 756	4 053	7 698	2 683
----- number, 1982..	9 832	6 821	11 945	11 235	10 104	10 371	7 573
200 to 499 ----- farms, 1987..	12	28	21	23	39	15	15
----- farms, 1982..	26	31	16	32	49	24	31
----- number, 1987..	(D)	7 399	(D)	6 097	11 671	4 957	4 495
----- number, 1982..	7 907	8 674	4 095	8 844	13 716	7 156	9 086
500 or more ----- farms, 1987..	2	4	2	6	7	6	13
----- farms, 1982..	5	9	3	7	14	8	14
----- number, 1987..	(D)	4 355	(D)	4 600	9 205	3 418	9 597
----- number, 1982..	3 739	8 434	1 883	4 994	13 957	4 987	14 538
Cows and heifers that had calved ----- farms, 1987..	248	236	407	501	152	371	160
----- farms, 1982..	389	321	529	575	250	504	262
----- number, 1987..	7 177	5 955	12 844	12 618	4 911	9 334	4 824
----- number, 1982..	11 222	8 841	15 381	15 907	10 076	14 148	8 839
Beef cows ----- farms, 1987..	180	222	182	260	141	266	155
----- farms, 1982..	284	295	262	341	243	366	248
----- number, 1987..	3 887	5 403	3 777	6 642	4 413	5 632	4 714
----- number, 1982..	6 975	8 212	4 552	9 336	9 510	9 250	8 526
1987 farms by inventory:							
1 to 9 ----- farms..	63	68	72	91	36	73	47
----- number..	323	334	340	496	152	367	243
10 to 19 ----- farms..	43	62	45	62	32	89	38
----- number..	599	889	635	835	475	1 276	530
20 to 49 ----- farms..	59	66	49	79	42	81	51
----- number..	1 686	1 835	1 386	2 357	1 207	2 419	1 436
50 to 99 ----- farms..	12	20	11	18	22	21	11
----- number..	714	1 325	736	1 071	1 448	(D)	747
100 to 199 ----- farms..	1	3	4	6	9	1	6
----- number..	(D)	410	(D)	933	1 131	(D)	(D)
200 to 499 ----- farms..	2	3	1	4	-	1	1
----- number..	(D)	610	(D)	950	-	(D)	(D)
500 or more ----- farms..	-	-	-	-	-	-	1
----- number..	-	-	-	-	-	-	(D)
Milk cows ----- farms, 1987..	82	26	244	264	15	118	8
----- farms, 1982..	137	41	308	282	14	173	26
----- number, 1987..	3 290	552	9 067	5 976	498	3 702	110
----- number, 1982..	4 247	629	10 829	6 571	566	4 898	313
1987 farms by inventory:							
1 to 9 ----- farms..	6	16	16	49	5	20	4
----- number..	22	(D)	69	256	11	89	8
10 to 19 ----- farms..	11	1	21	101	3	13	2
----- number..	154	(D)	291	1 360	43	185	(D)
20 to 49 ----- farms..	37	5	149	89	5	70	1
----- number..	1 174	194	4 873	2 759	(D)	2 185	(D)
50 to 99 ----- farms..	23	3	52	22	-	13	1
----- number..	1 313	175	3 183	1 283	-	(D)	(D)
100 to 199 ----- farms..	5	1	6	3	2	1	-
----- number..	627	(D)	651	318	(D)	(D)	-
200 to 499 ----- farms..	-	-	-	-	-	1	-
----- number..	-	-	-	-	-	(D)	-
500 or more ----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Heifers and heifer calves ----- farms, 1987..	296	246	425	521	184	400	169
----- farms, 1982..	405	348	551	593	279	545	296
----- number, 1987..	7 426	8 857	10 602	10 988	9 512	9 247	6 522
----- number, 1982..	10 349	10 559	11 989	12 412	13 084	15 051	12 143
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	358	267	439	549	195	487	196
----- farms, 1982..	497	371	586	649	336	643	349
----- number, 1987..	9 601	9 519	10 854	13 477	15 689	13 777	11 088
----- number, 1982..	14 741	15 701	12 320	18 899	23 481	15 308	20 581

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY</b>							
Cattle and calves							
----- farms, 1987..	577	510	505	213	478	537	511
----- farms, 1982..	774	686	616	311	670	644	578
----- number, 1987..	84 045	52 259	37 738	12 904	61 492	41 260	41 203
----- number, 1982..	125 274	75 045	51 193	21 628	90 932	48 830	49 829
Farms by inventory:							
1 to 9							
----- farms, 1987..	34	31	43	30	29	57	39
----- farms, 1982..	61	34	54	59	31	84	48
----- number, 1987..	152	153	201	145	139	310	178
----- number, 1982..	315	159	231	278	156	434	236
10 to 19							
----- farms, 1987..	52	59	62	36	38	43	53
----- farms, 1982..	54	52	54	39	41	68	60
----- number, 1987..	722	863	878	505	534	614	743
----- number, 1982..	751	739	748	554	591	935	886
20 to 49							
----- farms, 1987..	153	140	171	69	114	168	133
----- farms, 1982..	192	186	187	76	139	174	140
----- number, 1987..	4 988	4 881	5 561	2 139	3 711	5 461	4 342
----- number, 1982..	6 283	6 531	6 181	2 369	4 478	5 827	4 747
50 to 99							
----- farms, 1987..	160	129	108	43	125	152	148
----- farms, 1982..	200	193	157	79	180	179	139
----- number, 1987..	11 025	8 958	7 626	2 909	8 464	10 543	10 541
----- number, 1982..	13 659	13 533	11 057	5 284	12 454	12 579	9 573
100 to 199							
----- farms, 1987..	93	93	90	23	97	82	104
----- farms, 1982..	144	144	105	32	151	99	132
----- number, 1987..	12 740	12 894	12 386	3 259	13 106	10 537	14 268
----- number, 1982..	20 093	19 340	13 704	4 366	21 033	12 919	17 509
200 to 499							
----- farms, 1987..	53	40	27	10	64	26	28
----- farms, 1982..	78	57	54	22	97	30	52
----- number, 1987..	15 042	11 355	7 998	(D)	18 858	7 053	7 538
----- number, 1982..	22 610	17 575	14 544	5 529	27 642	8 762	12 359
500 or more							
----- farms, 1987..	32	18	4	2	11	9	6
----- farms, 1982..	45	20	5	4	31	10	7
----- number, 1987..	39 376	13 155	3 090	(D)	16 680	6 742	3 593
----- number, 1982..	61 563	17 168	4 728	3 248	24 578	7 374	4 539
Cows and heifers that had calved							
----- farms, 1987..	325	416	379	151	346	389	469
----- farms, 1982..	444	561	491	220	452	502	540
----- number, 1987..	11 660	17 300	12 198	5 059	12 923	12 652	20 773
----- number, 1982..	15 729	23 689	16 957	7 642	19 205	15 706	25 674
Beef cows							
----- farms, 1987..	308	406	348	129	305	237	461
----- farms, 1982..	413	538	438	195	412	345	527
----- number, 1987..	11 102	16 648	10 841	4 289	11 277	6 362	20 514
----- number, 1982..	14 628	22 436	14 686	6 957	17 514	9 241	25 247
1987 farms by inventory:							
1 to 9							
----- farms..	43	48	53	31	40	42	55
----- number..	218	253	304	141	218	217	312
10 to 19							
----- farms..	73	78	103	36	79	73	75
----- number..	1 017	1 083	1 402	463	1 110	1 026	1 064
20 to 49							
----- farms..	131	170	129	40	118	91	173
----- number..	3 981	5 135	3 990	1 311	3 859	2 736	5 719
50 to 99							
----- farms..	40	73	49	14	44	24	122
----- number..	2 605	4 839	3 171	1 053	2 892	1 480	8 089
100 to 199							
----- farms..	17	32	13	7	22	7	30
----- number..	1 969	3 857	(D)	(D)	(D)	893	3 711
200 to 499							
----- farms..	4	5	1	1	2	-	6
----- number..	1 312	1 481	(D)	(D)	(D)	-	1 619
500 or more							
----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Milk cows							
----- farms, 1987..	22	25	42	25	51	172	21
----- farms, 1982..	45	49	75	29	58	202	41
----- number, 1987..	558	652	1 357	770	1 646	6 290	259
----- number, 1982..	1 101	1 253	2 271	685	1 691	6 465	427
1987 farms by inventory:							
1 to 9							
----- farms..	4	9	10	5	9	14	15
----- number..	5	(D)	29	13	23	33	(D)
10 to 19							
----- farms..	4	2	8	6	6	17	1
----- number..	62	(D)	119	85	86	247	(D)
20 to 49							
----- farms..	12	8	12	8	25	101	4
----- number..	(D)	241	406	235	766	3 224	121
50 to 99							
----- farms..	2	6	12	5	10	35	-
----- number..	(D)	367	803	(D)	(D)	2 206	-
100 to 199							
----- farms..	-	-	-	1	1	5	1
----- number..	-	-	-	(D)	(D)	580	(D)
200 to 499							
----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
500 or more							
----- farms..	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-
Heifers and heifer calves							
----- farms, 1987..	447	413	395	179	374	410	417
----- farms, 1982..	592	571	473	241	526	503	481
----- number, 1987..	41 746	14 058	11 777	3 603	19 499	12 939	9 584
----- number, 1982..	59 027	19 197	13 290	5 858	30 507	14 622	11 566
Steers, steer calves, bulls, and bull calves							
----- farms, 1987..	428	458	444	194	431	456	464
----- farms, 1982..	589	628	542	269	581	566	521
----- number, 1987..	30 639	20 901	13 763	4 242	29 070	15 669	10 846
----- number, 1982..	50 518	32 159	20 946	8 128	41 220	18 502	12 589

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY</b>							
Cattle and calves							
farms, 1987	264	1 275	664	778	395	646	487
farms, 1982	426	1 446	822	1 016	520	726	568
number, 1987	32 833	111 580	63 452	67 100	23 978	39 154	51 643
number, 1982	53 059	123 836	82 134	100 020	38 748	49 920	70 032
Farms by inventory:							
1 to 9							
farms, 1987	24	70	75	55	55	90	43
farms, 1982	34	66	105	62	81	74	33
number, 1987	91	370	347	271	276	462	214
number, 1982	185	373	561	361	387	342	176
10 to 19							
farms, 1987	33	119	78	87	73	89	45
farms, 1982	41	120	74	94	81	99	40
number, 1987	462	1 680	1 064	1 203	1 036	1 270	642
number, 1982	614	1 736	1 080	1 361	1 146	1 494	539
20 to 49							
farms, 1987	73	257	158	224	138	215	130
farms, 1982	103	342	184	256	151	231	153
number, 1987	2 441	8 656	5 158	7 587	4 538	7 064	4 271
number, 1982	3 350	11 572	6 131	8 704	4 907	7 546	4 986
50 to 99							
farms, 1987	58	408	158	193	67	139	137
farms, 1982	110	457	188	277	107	170	141
number, 1987	3 879	29 409	10 987	13 382	4 729	9 769	9 796
number, 1982	7 683	32 440	13 021	19 292	7 629	11 852	9 873
100 to 199							
farms, 1987	31	330	105	147	42	82	87
farms, 1982	70	353	150	204	59	105	126
number, 1987	4 335	43 125	14 409	19 541	5 627	10 815	11 702
number, 1982	9 237	46 317	20 359	27 355	8 238	13 760	17 358
200 to 499							
farms, 1987	32	80	76	64	14	28	46
farms, 1982	48	101	106	106	33	41	52
number, 1987	8 899	21 366	22 700	17 735	4 058	7 602	13 359
number, 1982	13 900	26 348	31 180	30 573	9 616	10 823	15 174
500 or more							
farms, 1987	13	11	14	8	6	3	9
farms, 1982	20	7	15	17	8	6	23
number, 1987	12 726	6 974	8 787	7 381	3 714	2 172	11 659
number, 1982	18 090	5 050	9 802	12 374	6 825	4 103	21 926
Cows and heifers that had calved							
farms, 1987	171	1 087	436	600	315	571	444
farms, 1982	279	1 293	546	770	415	674	516
number, 1987	5 434	49 557	14 024	22 641	8 468	20 257	25 168
number, 1982	11 523	55 674	20 604	29 510	12 409	25 702	33 076
Beef cows							
farms, 1987	161	529	386	580	307	495	431
farms, 1982	260	671	467	734	401	596	508
number, 1987	5 191	19 341	11 361	21 286	8 119	18 447	24 439
number, 1982	10 889	24 567	16 984	27 414	12 115	22 882	32 413
1987 farms by inventory:							
1 to 9							
farms	37	104	93	81	77	78	45
number	209	513	461	417	386	384	193
10 to 19							
farms	29	119	84	121	86	113	76
number	408	1 651	1 219	1 743	1 201	1 586	1 075
20 to 49							
farms	65	197	140	239	105	180	165
number	1 898	6 179	4 250	7 287	3 122	5 674	5 291
50 to 99							
farms	23	78	54	107	33	94	94
number	1 506	5 182	3 637	7 008	2 265	6 239	6 311
100 to 199							
farms	5	23	14	26	4	27	36
number	(D)	2 802	(D)	3 195	(D)	3 398	4 714
200 to 499							
farms	2	6	1	6	2	2	12
number	(D)	(D)	(D)	1 636	(D)	(D)	2 869
500 or more							
farms	-	2	-	-	-	1	3
number	-	(D)	-	-	-	(D)	3 986
Milk cows							
farms, 1987	11	674	61	51	17	116	32
farms, 1982	27	789	102	80	38	158	49
number, 1987	243	30 216	2 683	1 355	349	1 810	729
number, 1982	634	31 107	3 620	2 096	294	2 820	663
1987 farms by inventory:							
1 to 9							
farms	3	23	8	19	8	52	19
number	17	103	31	60	16	126	34
10 to 19							
farms	5	49	3	7	1	30	5
number	74	704	48	99	(D)	417	75
20 to 49							
farms	1	345	30	18	6	27	2
number	(D)	12 031	1 066	628	193	680	(D)
50 to 99							
farms	2	237	16	6	2	6	4
number	(D)	14 759	1 032	(D)	(D)	(D)	277
100 to 199							
farms	-	18	4	1	-	1	2
number	-	(D)	486	(D)	-	(D)	(D)
200 to 499							
farms	-	2	-	-	-	-	-
number	-	(D)	-	-	-	-	-
500 or more							
farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Heifers and heifer calves							
farms, 1987	193	1 084	523	594	300	480	409
farms, 1982	300	1 238	634	813	406	609	485
number, 1987	7 802	34 938	26 321	17 641	6 402	8 509	13 551
number, 1982	10 986	35 121	28 067	29 970	12 149	11 334	17 409
Steers, steer calves, bulls, and bull calves							
farms, 1987	223	1 040	546	671	331	545	432
farms, 1982	377	1 190	679	896	455	649	526
number, 1987	19 597	27 085	23 107	26 818	9 108	10 388	12 924
number, 1982	30 550	33 041	33 463	40 540	14 190	12 884	19 547

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Cattle and calves								
..... farms, 1987..	914	311	184	1 250	166	880	339	264
..... farms, 1982..	1 034	377	277	1 375	225	1 077	448	402
..... number, 1987..	79 043	18 114	25 849	117 453	16 380	78 118	21 468	19 476
..... number, 1982..	84 117	26 803	43 788	124 039	26 765	92 966	27 332	37 723
Farms by inventory:								
1 to 9								
..... farms, 1987..	59	52	14	67	21	80	52	28
..... farms, 1982..	65	55	19	70	27	100	70	52
..... number, 1987..	314	272	51	413	85	428	290	147
..... number, 1982..	324	287	91	374	142	539	350	251
10 to 19								
..... farms, 1987..	61	51	22	108	25	50	55	38
..... farms, 1982..	68	69	33	109	25	102	74	47
..... number, 1987..	863	720	309	1 502	359	706	769	534
..... number, 1982..	979	983	502	1 487	354	1 485	1 014	647
20 to 49								
..... farms, 1987..	196	96	54	252	45	211	103	83
..... farms, 1982..	256	118	61	274	49	244	135	105
..... number, 1987..	6 520	2 869	1 744	8 357	1 547	6 956	3 322	2 696
..... number, 1982..	9 144	3 731	1 994	9 279	1 588	8 400	4 070	3 531
50 to 99								
..... farms, 1987..	338	56	38	359	40	262	70	64
..... farms, 1982..	374	68	61	472	51	320	93	91
..... number, 1987..	24 471	3 779	2 754	25 957	2 900	19 123	5 181	4 423
..... number, 1982..	26 768	4 614	4 581	34 107	3 764	22 495	6 363	6 383
100 to 199								
..... farms, 1987..	192	37	25	355	18	209	43	37
..... farms, 1982..	201	44	51	332	38	230	50	70
..... number, 1987..	26 101	4 781	3 276	46 680	2 728	28 443	5 617	4 959
..... number, 1982..	26 730	5 906	7 196	43 906	5 189	31 042	6 784	9 777
200 to 499								
..... farms, 1987..	63	18	24	97	13	60	13	11
..... farms, 1982..	67	17	34	107	24	67	21	30
..... number, 1987..	17 613	(D)	7 213	26 308	4 331	15 570	3 701	3 157
..... number, 1982..	18 517	4 802	9 713	28 192	7 538	17 630	5 676	7 791
500 or more								
..... farms, 1987..	5	1	7	12	4	8	3	3
..... farms, 1982..	3	6	18	11	11	14	5	7
..... number, 1987..	3 161	(D)	10 502	8 236	4 430	6 892	2 588	3 560
..... number, 1982..	1 655	6 480	19 711	6 694	8 210	11 375	3 075	9 343
Cows and heifers that had calved								
..... farms, 1987..	722	260	119	981	124	652	235	174
..... farms, 1982..	818	318	184	1 131	163	846	319	260
..... number, 1987..	31 961	7 715	4 693	47 394	4 326	27 697	5 962	5 047
..... number, 1982..	32 689	10 034	8 212	50 737	7 453	32 798	8 474	9 841
Beef cows								
..... farms, 1987..	243	248	92	449	119	303	193	150
..... farms, 1982..	325	303	165	576	156	431	263	220
..... number, 1987..	7 619	6 912	3 791	14 070	(D)	9 987	4 283	4 115
..... number, 1982..	9 082	9 438	7 510	18 816	7 278	14 029	6 251	8 492
1987 farms by inventory:								
1 to 9								
..... farms..	47	62	12	81	26	59	56	41
..... number..	221	315	(D)	414	(D)	266	269	201
10 to 19								
..... farms..	68	59	23	95	28	83	51	32
..... number..	941	808	345	1 287	398	1 212	713	462
20 to 49								
..... farms..	85	87	34	188	38	108	65	58
..... number..	2 467	2 500	1 023	5 680	1 100	3 235	1 921	1 713
50 to 99								
..... farms..	30	33	13	68	19	40	19	16
..... number..	1 923	2 293	960	4 451	1 237	2 603	(D)	989
100 to 199								
..... farms..	10	6	9	15	5	8	2	2
..... number..	1 297	(D)	(D)	(D)	697	1 073	(D)	(D)
200 to 499								
..... farms..	3	1	1	2	3	4	-	-
..... number..	770	(D)	(D)	(D)	740	(D)	-	-
500 or more								
..... farms..	-	-	-	-	-	1	-	1
..... number..	-	-	-	-	-	(D)	-	(D)
Milk cows								
..... farms, 1987..	527	19	29	605	7	404	52	29
..... farms, 1982..	569	23	24	661	12	499	82	57
..... number, 1987..	24 342	803	902	33 324	(D)	17 710	1 679	932
..... number, 1982..	23 607	596	702	31 921	175	18 769	2 223	1 349
1987 farms by inventory:								
1 to 9								
..... farms..	21	6	8	14	6	15	9	6
..... number..	94	23	25	45	15	70	30	12
10 to 19								
..... farms..	39	2	6	15	1	37	9	3
..... number..	587	(D)	84	205	(D)	515	143	44
20 to 49								
..... farms..	281	4	8	251	-	211	25	18
..... number..	9 826	124	241	9 019	-	7 257	859	(D)
50 to 99								
..... farms..	163	5	4	278	-	126	8	1
..... number..	10 586	353	232	17 816	-	7 968	(D)	(D)
100 to 199								
..... farms..	20	2	3	46	-	14	1	-
..... number..	2 504	(D)	320	(D)	-	(D)	(D)	-
200 to 499								
..... farms..	3	-	-	-	-	1	-	-
..... number..	745	-	-	-	-	(D)	-	(D)
500 or more								
..... farms..	-	-	-	-	-	-	-	-
..... number..	-	-	-	(D)	-	-	-	-
Heifers and heifer calves								
..... farms, 1987..	742	233	128	992	129	708	255	188
..... farms, 1982..	837	280	201	1 157	166	874	352	288
..... number, 1987..	24 495	4 179	9 314	35 222	4 791	22 579	5 372	5 885
..... number, 1982..	26 245	8 573	13 233	37 643	7 610	28 495	7 571	9 852
Steers, steer calves, bulls, and bull calves								
..... farms, 1987..	697	280	164	938	147	750	304	231
..... farms, 1982..	823	339	230	1 109	195	931	385	338
..... number, 1987..	22 587	6 220	11 842	34 837	7 263	27 842	10 134	8 544
..... number, 1982..	25 183	8 196	22 343	35 659	11 722	31 673	11 287	18 030

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Cattle and calves ----- farms, 1987..	286	313	341	550	148	243	352	491
----- farms, 1982..	387	423	442	695	257	377	453	672
----- number, 1987..	24 694	23 691	32 392	42 797	9 014	18 095	28 548	45 158
----- number, 1982..	36 032	42 333	41 043	64 881	24 084	30 538	55 668	52 303
Farms by inventory:								
1 to 9 ----- farms, 1987..	23	52	38	50	34	25	35	45
----- farms, 1982..	30	51	68	58	44	45	60	60
----- number, 1987..	114	265	219	278	146	126	190	221
----- number, 1982..	140	236	336	299	212	227	301	300
10 to 19 ----- farms, 1987..	34	49	51	52	19	37	47	49
----- farms, 1982..	46	53	54	71	36	37	46	83
----- number, 1987..	521	687	687	736	268	512	663	706
----- number, 1982..	694	777	763	1 023	522	528	646	1 204
20 to 49 ----- farms, 1987..	92	97	108	182	52	75	100	134
----- farms, 1982..	128	136	129	187	74	106	125	189
----- number, 1987..	2 990	3 126	3 413	6 008	1 684	2 341	3 051	4 478
----- number, 1982..	4 130	4 353	4 198	6 478	2 505	3 539	3 919	6 271
50 to 99 ----- farms, 1987..	83	59	74	135	23	39	89	140
----- farms, 1982..	97	99	84	191	49	86	95	170
----- number, 1987..	5 819	4 025	5 162	9 624	(D)	2 666	6 016	9 634
----- number, 1982..	7 005	6 610	5 862	13 365	3 437	5 827	6 720	11 859
100 to 199 ----- farms, 1987..	39	31	40	103	12	48	46	78
----- farms, 1982..	52	49	67	121	33	69	63	111
----- number, 1987..	5 184	3 901	5 581	13 726	1 738	6 341	6 053	10 685
----- number, 1982..	6 751	6 863	9 376	16 550	4 199	9 480	8 638	14 237
200 to 499 ----- farms, 1987..	12	15	22	21	4	18	30	35
----- farms, 1982..	27	22	28	54	14	29	39	56
----- number, 1987..	3 719	4 891	6 420	6 316	857	(D)	8 952	9 655
----- number, 1982..	7 204	6 886	9 104	15 158	4 930	8 266	11 500	16 340
500 or more ----- farms, 1987..	3	10	8	7	4	1	5	10
----- farms, 1982..	7	13	12	13	7	5	25	3
----- number, 1987..	6 367	6 786	10 910	6 109	(D)	(D)	3 623	9 779
----- number, 1982..	10 108	16 608	11 384	12 008	8 279	2 671	23 944	2 092
Cows and heifers that had calved ----- farms, 1987..	235	255	225	486	96	136	262	397
----- farms, 1982..	319	349	298	611	160	233	311	576
----- number, 1987..	8 523	7 183	6 819	16 931	1 856	3 772	8 887	17 179
----- number, 1982..	12 134	12 823	9 507	25 477	3 556	6 686	12 662	20 345
Beef cows ----- farms, 1987..	229	255	195	476	92	107	247	383
----- farms, 1982..	310	343	249	595	149	181	294	546
----- number, 1987..	8 123	(D)	5 502	16 595	1 593	2 394	8 432	16 724
----- number, 1982..	11 873	12 736	7 507	24 829	3 327	4 777	12 014	19 242
1987 farms by inventory:								
1 to 9 ----- farms..	31	70	52	73	29	28	41	57
----- number..	179	323	281	371	137	149	242	300
10 to 19 ----- farms..	40	59	47	99	31	30	64	75
----- number..	549	827	668	1 447	438	381	901	1 028
20 to 49 ----- farms..	111	86	66	192	28	41	91	170
----- number..	3 415	2 487	2 001	5 958	754	1 257	2 722	5 309
50 to 99 ----- farms..	37	29	22	94	4	6	33	54
----- number..	2 441	1 879	1 352	6 273	264	(D)	2 059	3 628
100 to 199 ----- farms..	8	9	6	16	-	2	17	20
----- number..	(D)	1 083	(D)	(D)	-	(D)	(D)	2 354
200 to 499 ----- farms..	2	2	2	2	-	-	1	6
----- number..	(D)	(D)	(D)	(D)	-	-	(D)	(D)
500 or more ----- farms..	-	-	-	-	-	-	-	1
----- number..	-	-	-	-	-	-	-	(D)
Milk cows ----- farms, 1987..	10	3	33	22	5	31	18	26
----- farms, 1982..	17	12	62	40	16	63	24	52
----- number, 1987..	400	(D)	1 317	336	263	1 378	455	455
----- number, 1982..	261	87	2 000	648	229	1 909	648	1 103
1987 farms by inventory:								
1 to 9 ----- farms..	4	2	3	13	2	4	5	10
----- number..	7	(D)	19	53	(D)	23	21	28
10 to 19 ----- farms..	-	1	5	4	-	2	2	6
----- number..	-	(D)	70	69	-	(D)	(D)	80
20 to 49 ----- farms..	2	-	16	4	-	11	10	9
----- number..	(D)	-	554	(D)	-	347	347	(D)
50 to 99 ----- farms..	3	-	7	1	2	13	1	1
----- number..	220	-	(D)	(D)	(D)	830	(D)	(D)
100 to 199 ----- farms..	1	-	2	-	1	1	-	-
----- number..	(D)	-	(D)	-	(D)	(D)	-	-
200 to 499 ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
500 or more ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Heifers and heifer calves ----- farms, 1987..	229	239	262	449	121	167	274	389
----- farms, 1982..	307	343	337	548	196	286	333	532
----- number, 1987..	7 214	7 330	7 955	10 670	4 204	6 180	7 764	12 703
----- number, 1982..	7 892	11 704	11 932	14 345	6 844	9 371	15 724	13 613
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	255	274	285	494	111	207	306	437
----- farms, 1982..	358	370	370	642	202	335	396	623
----- number, 1987..	8 957	9 198	17 618	15 196	2 954	8 143	11 897	15 276
----- number, 1982..	16 206	17 806	19 804	25 059	13 684	14 481	27 282	18 345

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ia	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Cattle and calves ----- farms, 1987..	369	490	150	384	621	1 047	746	391
1982..	461	639	202	540	773	1 130	985	555
number, 1987..	18 256	34 299	19 778	42 915	58 270	105 376	59 053	24 063
1982..	27 921	47 069	24 305	67 495	81 241	111 886	84 383	34 515
<b>Farms by inventory:</b>								
1 to 9 ----- farms, 1987..	59	44	21	22	29	80	67	41
1982..	61	48	19	36	57	72	103	55
number, 1987..	304	227	93	90	152	439	366	224
1982..	304	231	97	153	290	336	494	246
10 to 19 ----- farms, 1987..	62	63	14	37	55	87	77	54
1982..	67	57	29	58	60	77	89	88
number, 1987..	885	882	203	508	770	1 354	1 110	738
1982..	970	867	434	557	896	1 085	1 267	1 257
20 to 49 ----- farms, 1987..	133	130	39	104	188	239	252	128
1982..	154	182	44	116	199	265	286	166
number, 1987..	4 376	4 350	1 237	3 508	6 403	7 900	8 327	4 135
1982..	4 967	6 234	1 379	4 103	6 652	8 977	9 731	5 430
50 to 99 ----- farms, 1987..	70	148	34	95	187	273	172	99
1982..	106	211	49	123	210	335	247	147
number, 1987..	4 917	10 450	2 250	6 473	13 428	19 312	12 337	6 744
1982..	7 650	15 275	3 406	8 334	14 895	23 661	17 398	9 981
100 to 199 ----- farms, 1987..	30	79	20	64	100	244	121	50
1982..	50	108	23	130	174	245	160	69
number, 1987..	4 134	10 485	2 870	8 814	13 564	32 676	16 057	6 417
1982..	(D)	(D)	2 972	17 198	23 879	32 951	21 791	8 787
200 to 499 ----- farms, 1987..	15	24	15	50	85	93	50	18
1982..	22	31	30	82	60	121	85	27
number, 1987..	3 640	8 697	4 275	13 974	14 426	25 904	13 611	(D)
1982..	6 380	8 697	8 547	24 876	17 389	33 379	23 194	7 176
500 or more ----- farms, 1987..	-	2	7	12	7	21	7	1
1982..	1	2	8	15	13	15	15	3
number, 1987..	-	(D)	8 850	9 548	9 527	17 797	7 245	(D)
1982..	(D)	(D)	7 470	12 273	17 240	11 487	10 508	1 638
Cows and heifers that had calved ----- farms, 1987..	303	381	91	276	527	844	587	336
1982..	377	512	117	360	656	962	778	469
number, 1987..	7 464	12 980	3 247	11 067	22 004	36 018	20 220	9 721
1982..	10 656	17 607	4 372	15 629	29 205	42 418	30 566	14 298
Beef cows ----- farms, 1987..	296	232	79	266	505	681	560	324
1982..	358	293	107	348	617	797	729	447
number, 1987..	7 100	6 882	2 810	10 552	20 685	26 376	18 717	8 982
1982..	10 187	9 461	3 850	14 725	26 804	32 076	27 487	13 346
1987 farms by inventory:								
1 to 9 ----- farms..	80	41	20	36	46	97	91	62
number..	369	218	93	195	257	510	488	321
10 to 19 ----- farms..	81	59	23	46	106	135	135	91
number..	1 121	834	316	602	1 541	1 896	1 954	1 297
20 to 49 ----- farms..	103	96	24	107	241	272	206	120
number..	3 094	2 813	678	3 180	7 418	8 453	6 242	3 579
50 to 99 ----- farms..	25	28	7	57	88	130	106	46
number..	1 719	1 947	483	3 664	5 875	8 410	6 868	3 125
100 to 199 ----- farms..	7	8	3	19	21	41	20	5
number..	797	1 070	(D)	(D)	2 563	5 153	(D)	660
200 to 499 ----- farms..	-	-	-	-	2	6	2	-
number..	-	-	(D)	-	(D)	1 954	(D)	-
500 or more ----- farms..	-	-	1	1	-	-	-	-
number..	-	-	(D)	(D)	(D)	-	-	-
Milk cows ----- farms, 1987..	14	168	13	19	47	235	36	22
1982..	34	252	11	28	99	293	68	50
number, 1987..	364	6 098	437	515	1 319	9 642	1 503	739
1982..	469	8 146	522	904	2 401	10 342	3 079	952
1987 farms by inventory:								
1 to 9 ----- farms..	5	12	4	8	15	28	5	10
number..	5	60	(D)	14	41	100	14	13
10 to 19 ----- farms..	3	24	1	-	3	15	7	4
number..	50	335	(D)	-	41	221	101	62
20 to 49 ----- farms..	3	92	5	9	18	103	11	5
number..	97	3 099	193	(D)	547	3 396	394	154
50 to 99 ----- farms..	3	37	3	1	11	80	10	1
number..	212	2 268	220	(D)	690	4 760	637	(D)
100 to 199 ----- farms..	-	3	-	1	-	8	3	1
number..	-	336	-	(D)	-	(D)	357	(D)
200 to 499 ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	(D)	-	(D)
500 or more ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Heifers and heifer calves ----- farms, 1987..	274	363	110	288	500	832	579	294
1982..	353	525	134	380	616	920	735	441
number, 1987..	4 676	9 255	6 969	10 767	16 499	32 814	16 335	6 705
1982..	6 928	13 457	4 765	18 432	22 128	29 515	20 536	9 657
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	323	430	119	345	558	885	655	341
1982..	408	569	179	486	682	1 008	885	491
number, 1987..	6 116	12 064	9 562	21 081	19 767	36 544	22 498	7 637
1982..	10 337	16 005	15 168	33 434	29 908	39 953	33 281	10 560

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Cattle and calves								
----- farms, 1987..	704	670	531	422	537	788	228	500
----- farms, 1982..	822	831	664	581	614	932	306	575
----- number, 1987..	44 479	71 782	38 002	34 963	33 765	46 537	13 375	39 752
----- number, 1982..	54 570	83 773	50 879	55 902	38 949	54 728	20 261	50 168
Farms by inventory:								
1 to 9								
----- farms, 1987..	79	63	45	54	79	136	20	37
----- farms, 1982..	90	67	59	72	84	173	29	33
----- number, 1987..	369	312	220	222	446	709	106	188
----- number, 1982..	462	340	307	313	462	898	115	180
10 to 19								
----- farms, 1987..	69	65	63	57	83	127	35	65
----- farms, 1982..	103	64	84	63	106	148	36	72
----- number, 1987..	1 295	903	915	812	1 167	1 804	450	919
----- number, 1982..	1 426	918	1 202	865	1 522	2 061	506	1 023
20 to 49								
----- farms, 1987..	222	148	169	120	155	243	76	145
----- farms, 1982..	267	216	196	163	182	284	100	168
----- number, 1987..	7 260	4 947	5 538	4 010	5 013	7 631	2 358	4 771
----- number, 1982..	8 978	7 349	6 534	5 373	5 877	9 471	3 337	5 419
50 to 99								
----- farms, 1987..	183	172	140	101	112	171	52	128
----- farms, 1982..	187	200	161	139	131	194	76	146
----- number, 1987..	12 670	12 317	9 974	6 979	7 855	12 394	3 521	8 789
----- number, 1982..	12 883	14 187	11 322	9 765	9 189	13 844	5 412	10 076
100 to 199								
----- farms, 1987..	100	137	85	55	75	80	37	81
----- farms, 1982..	130	179	112	79	77	100	50	100
----- number, 1987..	13 103	18 866	11 381	7 511	9 779	10 669	4 712	10 306
----- number, 1982..	16 752	24 503	14 987	10 419	10 352	13 364	6 684	13 644
200 to 499								
----- farms, 1987..	27	62	25	27	31	24	8	39
----- farms, 1982..	39	90	48	47	(D)	28	15	46
----- number, 1987..	7 443	17 486	7 066	8 090	(D)	6 046	2 228	11 424
----- number, 1982..	10 361	26 239	13 147	13 787	8 833	7 465	4 207	12 631
500 or more								
----- farms, 1987..	4	23	4	8	2	4	-	5
----- farms, 1982..	6	15	4	18	3	5	-	10
----- number, 1987..	2 319	16 951	2 908	7 339	(D)	7 284	-	3 355
----- number, 1982..	3 708	10 237	3 380	15 380	2 714	7 625	-	7 195
Cows and heifers that had calved								
----- farms, 1987..	614	512	466	242	429	613	184	463
----- farms, 1982..	689	652	581	322	506	726	240	525
----- number, 1987..	18 060	21 762	17 273	7 784	12 167	16 158	5 750	20 120
----- number, 1982..	20 737	28 718	21 802	10 972	14 472	20 104	7 763	24 966
Beef cows								
----- farms, 1987..	499	406	458	182	400	508	180	455
----- farms, 1982..	578	522	556	243	475	595	237	517
----- number, 1987..	14 393	16 202	16 929	5 384	10 459	12 110	5 559	19 637
----- number, 1982..	17 542	22 702	20 953	8 294	12 500	15 278	7 702	24 475
1987 farms by inventory:								
1 to 9								
----- farms..	104	68	52	50	97	147	31	59
----- number..	547	311	265	279	504	734	179	303
10 to 19								
----- farms..	121	84	114	56	99	143	38	86
----- number..	1 660	1 157	1 602	756	1 356	1 925	525	1 186
20 to 49								
----- farms..	196	144	192	53	158	171	74	176
----- number..	6 161	4 497	5 910	1 625	4 902	5 215	2 163	5 302
50 to 99								
----- farms..	61	71	71	15	37	34	32	87
----- number..	3 889	4 510	4 634	978	2 359	2 127	2 001	5 533
100 to 199								
----- farms..	16	32	23	5	8	12	4	39
----- number..	(D)	3 899	2 764	596	(D)	(D)	(D)	4 936
200 to 499								
----- farms..	1	7	6	2	1	-	1	8
----- number..	(D)	1 828	1 754	(D)	(D)	-	(D)	2 377
500 or more								
----- farms..	-	-	-	1	1	1	-	-
----- number..	-	-	-	(D)	-	(D)	-	-
Milk cows								
----- farms, 1987..	131	147	17	71	48	134	9	13
----- farms, 1982..	142	184	46	96	73	169	9	25
----- number, 1987..	3 667	5 560	344	2 400	1 708	4 048	191	483
----- number, 1982..	3 195	6 016	849	2 678	1 972	4 826	61	491
1987 farms by inventory:								
1 to 9								
----- farms..	17	22	10	11	17	27	5	5
----- number..	63	63	15	29	27	75	7	(D)
10 to 19								
----- farms..	42	16	-	11	1	26	1	1
----- number..	602	232	-	161	(D)	350	(D)	(D)
20 to 49								
----- farms..	54	63	4	35	15	57	1	3
----- number..	1 662	1 995	140	1 077	561	1 909	(D)	94
50 to 99								
----- farms..	14	39	3	12	13	21	2	3
----- number..	903	2 354	189	(D)	820	1 207	(D)	197
100 to 199								
----- farms..	4	7	-	1	2	2	-	1
----- number..	437	916	-	(D)	(D)	(D)	-	(D)
200 to 499								
----- farms..	-	-	-	1	-	1	-	-
----- number..	-	-	-	(D)	-	(D)	-	-
500 or more								
----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Heifers and heifer calves								
----- farms, 1987..	575	507	401	299	399	602	167	408
----- farms, 1982..	666	666	512	413	454	736	204	447
----- number, 1987..	10 724	22 201	8 583	9 669	9 663	11 941	3 601	8 832
----- number, 1982..	14 891	25 625	11 022	17 107	9 373	13 152	5 275	11 448
Steers, steer calves, bulls, and bull calves								
----- farms, 1987..	639	574	489	341	470	675	197	456
----- farms, 1982..	742	706	609	484	540	821	274	522
----- number, 1987..	15 695	27 819	12 146	17 510	11 935	18 438	4 024	10 800
----- number, 1982..	18 942	29 430	18 055	27 823	15 104	21 472	7 223	13 754

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Cattle and calves								
----- farms, 1987..	649	685	594	586	464	264	356	318
----- farms, 1982..	875	789	749	734	588	352	445	428
----- number, 1987..	69 260	47 876	47 081	35 063	36 041	21 503	35 450	36 886
----- number, 1982..	95 609	66 962	64 775	51 055	48 432	33 257	40 429	56 413
Farms by inventory:								
1 to 9								
----- farms, 1987..	31	57	49	82	51	25	31	29
----- farms, 1982..	44	73	65	76	43	39	51	31
----- number, 1987..	157	298	272	422	275	128	153	148
----- number, 1982..	241	394	285	343	219	196	260	152
10 to 19								
----- farms, 1987..	65	112	76	72	60	48	40	33
----- farms, 1982..	60	100	67	93	84	40	45	39
----- number, 1987..	904	1 559	1 131	967	852	696	562	465
----- number, 1982..	851	1 429	945	1 332	877	571	682	552
20 to 49								
----- farms, 1987..	189	217	179	201	138	74	96	80
----- farms, 1982..	229	205	228	210	181	113	116	111
----- number, 1987..	6 397	7 107	6 106	6 409	4 416	2 373	3 181	2 530
----- number, 1982..	7 616	6 913	7 614	6 964	5 766	3 734	3 922	3 518
50 to 99								
----- farms, 1987..	161	158	153	128	116	61	96	69
----- farms, 1982..	239	208	183	191	154	79	100	87
----- number, 1987..	10 995	11 363	10 514	8 923	7 986	3 988	6 837	4 610
----- number, 1982..	16 336	14 575	12 827	12 859	10 554	5 656	7 045	6 084
100 to 199								
----- farms, 1987..	113	101	92	75	69	35	53	64
----- farms, 1982..	185	144	123	118	99	48	90	93
----- number, 1987..	14 688	13 319	(D)	10 281	9 361	4 639	7 281	8 732
----- number, 1982..	24 986	19 229	16 913	16 319	12 985	6 250	12 209	12 823
200 to 499								
----- farms, 1987..	68	36	39	27	22	14	32	38
----- farms, 1982..	99	53	76	41	38	25	36	60
----- number, 1987..	19 386	10 359	(D)	(D)	6 158	3 831	9 613	11 371
----- number, 1982..	27 170	15 526	19 646	11 394	10 765	7 684	10 764	17 046
500 or more								
----- farms, 1987..	22	4	6	1	8	7	8	5
----- farms, 1982..	19	6	7	3	9	8	7	7
----- number, 1987..	16 733	3 871	6 468	(D)	6 993	5 850	7 823	9 030
----- number, 1982..	18 399	8 896	6 545	1 850	7 266	9 166	5 547	16 238
Cows and heifers that had calved								
----- farms, 1987..	401	615	438	475	368	208	215	224
----- farms, 1982..	554	708	550	616	492	286	304	304
----- number, 1987..	14 885	21 861	13 612	13 959	11 958	6 932	7 295	9 002
----- number, 1982..	22 829	30 043	18 730	20 949	16 193	10 566	10 476	11 459
Beef cows								
----- farms, 1987..	287	609	402	445	353	203	121	216
----- farms, 1982..	408	699	494	567	470	277	186	284
----- number, 1987..	10 335	21 765	12 308	12 625	11 189	6 820	3 412	8 753
----- number, 1982..	16 911	29 624	16 583	18 589	15 363	10 318	5 804	10 947
1987 farms by inventory:								
1 to 9								
----- farms..	38	106	73	99	75	44	24	30
----- number..	193	547	400	476	413	246	109	151
10 to 19								
----- farms..	84	143	94	97	85	46	36	46
----- number..	1 186	1 951	1 316	1 380	1 236	617	490	689
20 to 49								
----- farms..	112	231	170	180	130	72	43	81
----- number..	3 270	7 300	5 184	5 423	4 183	2 121	1 261	2 559
50 to 99								
----- farms..	35	95	53	58	47	31	13	41
----- number..	2 474	6 224	3 581	3 750	2 846	1 966	892	2 852
100 to 199								
----- farms..	12	29	10	9	14	7	4	17
----- number..	1 599	3 756	(D)	(D)	(D)	840	(D)	(D)
200 to 499								
----- farms..	6	4	2	2	2	2	1	1
----- number..	1 613	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 or more								
----- farms..	-	1	-	-	-	1	-	-
----- number..	-	(D)	-	-	-	(D)	-	-
Milk cows								
----- farms, 1987..	134	22	51	41	21	5	110	13
----- farms, 1982..	195	44	79	86	35	15	143	33
----- number, 1987..	4 550	96	1 304	1 334	769	112	3 883	249
----- number, 1982..	5 918	419	2 147	2 360	830	248	4 672	512
1987 farms by inventory:								
1 to 9								
----- farms..	15	18	16	13	8	2	9	7
----- number..	71	36	48	37	22	(D)	24	15
10 to 19								
----- farms..	26	4	7	5	1	-	16	1
----- number..	381	60	108	74	(D)	-	242	(D)
20 to 49								
----- farms..	59	-	20	13	6	3	59	2
----- number..	1 752	-	606	401	182	(D)	1 939	(D)
50 to 99								
----- farms..	29	-	7	8	4	-	24	3
----- number..	1 687	-	(D)	(D)	315	-	(D)	152
100 to 199								
----- farms..	5	-	1	2	2	-	2	-
----- number..	659	-	(D)	(D)	(D)	-	(D)	-
200 to 499								
----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
500 or more								
----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Heifers and heifer calves								
----- farms, 1987..	451	567	442	452	352	210	269	246
----- farms, 1982..	642	648	573	556	461	283	316	328
----- number, 1987..	21 456	12 269	15 238	10 116	7 809	6 585	10 746	8 240
----- number, 1982..	31 108	16 895	16 907	12 189	12 367	6 703	10 680	10 133
Steers, steer calves, bulls, and bull calves								
----- farms, 1987..	539	621	504	521	409	226	299	278
----- farms, 1982..	746	719	661	648	530	324	378	363
----- number, 1987..	32 919	13 746	18 231	10 988	16 274	7 986	17 409	19 644
----- number, 1982..	41 672	20 024	29 138	17 937	19 672	15 988	19 273	34 821

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Cattle and calves								
farms, 1987	533	348	377	381	277	578	219	780
farms, 1982	594	480	492	529	362	705	343	1 067
number, 1987	41 441	29 584	26 833	54 433	29 424	45 986	18 879	85 592
number, 1982	52 303	49 874	37 912	87 428	39 273	62 537	30 572	124 891
Farms by inventory:								
1 to 9								
farms, 1987	48	21	45	41	27	39	38	70
farms, 1982	46	34	71	45	31	47	29	75
number, 1987	218	111	239	189	167	213	180	330
number, 1982	247	153	327	247	125	265	140	359
10 to 19								
farms, 1987	70	37	57	35	42	59	22	69
farms, 1982	57	34	44	45	49	54	39	79
number, 1987	950	562	783	466	603	816	298	976
number, 1982	784	497	631	659	691	797	566	1 185
20 to 49								
farms, 1987	155	108	106	107	76	204	55	243
farms, 1982	177	120	133	129	106	228	99	257
number, 1987	5 254	3 443	3 431	3 525	2 503	6 905	1 663	7 897
number, 1982	5 694	4 000	4 381	4 256	3 395	7 766	3 239	8 711
50 to 99								
farms, 1987	133	96	86	94	63	134	44	186
farms, 1982	134	126	129	119	65	176	90	278
number, 1987	9 260	6 862	6 190	6 629	4 442	9 580	3 070	13 070
number, 1982	9 237	8 866	9 319	8 215	4 597	12 632	6 137	19 582
100 to 199								
farms, 1987	93	63	57	65	39	95	38	123
farms, 1982	112	108	78	101	60	136	50	242
number, 1987	12 438	8 480	7 241	8 605	5 135	13 099	5 013	16 759
number, 1982	15 079	14 775	10 110	13 716	7 788	18 771	6 524	32 901
200 to 499								
farms, 1987	28	17	21	25	23	41	18	61
farms, 1982	60	50	34	62	39	55	28	103
number, 1987	7 846	4 467	5 863	7 117	6 721	10 432	6 005	18 571
number, 1982	16 276	13 865	9 569	16 089	12 293	15 501	8 644	31 198
500 or more								
farms, 1987	6	6	5	14	7	6	4	28
farms, 1982	8	8	5	28	12	9	8	33
number, 1987	5 475	5 659	3 086	27 902	9 853	4 941	2 650	27 989
number, 1982	4 986	7 718	3 575	42 246	10 384	6 805	5 322	30 955
Cows and heifers that had calved								
farms, 1987	459	277	305	236	140	489	123	517
farms, 1982	525	354	409	308	194	579	204	695
number, 1987	19 892	10 236	10 452	8 591	3 907	16 745	3 868	17 459
number, 1982	24 908	14 380	14 433	12 182	5 491	20 098	6 321	27 686
Beef cows								
farms, 1987	444	272	279	184	85	480	103	481
farms, 1982	500	347	361	250	122	567	175	630
number, 1987	19 008	9 933	9 011	6 889	2 376	16 455	3 178	15 644
number, 1982	23 842	13 931	12 558	10 148	3 713	19 649	5 474	24 400
1987 farms by inventory:								
1 to 9								
farms	57	29	62	37	25	62	26	67
number	279	147	302	170	115	300	117	326
10 to 19								
farms	77	59	64	49	30	115	29	133
number	1 090	861	926	734	398	1 587	386	1 895
20 to 49								
farms	187	114	97	61	15	191	30	186
number	5 917	3 596	3 016	1 878	436	5 849	962	5 589
50 to 99								
farms	82	54	42	30	11	87	14	76
number	5 555	3 477	2 742	1 804	712	5 734	933	4 983
100 to 199								
farms	33	15	13	4	3	24	2	17
number	3 887	(D)	(D)	478	(D)	(D)	(D)	(D)
200 to 499								
farms	7	1	1	2	1	1	2	2
number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 or more								
farms	1	-	-	1	-	-	-	-
number	(D)	-	-	(D)	-	-	-	-
Milk cows								
farms, 1987	29	14	36	62	60	19	22	61
farms, 1982	52	27	64	74	84	29	42	98
number, 1987	884	303	1 441	1 722	1 531	290	690	1 815
number, 1982	1 066	449	1 875	2 014	1 778	449	847	3 286
1987 farms by inventory:								
1 to 9								
farms	11	8	9	5	8	11	-	24
number	36	16	(D)	11	50	20	-	59
10 to 19								
farms	2	1	2	15	7	4	2	8
number	(D)	(D)	(D)	193	103	55	(D)	105
20 to 49								
farms	9	2	11	33	41	2	17	13
number	296	(D)	350	1 008	1 138	(D)	(D)	421
50 to 99								
farms	6	2	11	9	4	2	3	12
number	390	(D)	661	510	240	(D)	178	765
100 to 199								
farms	1	1	3	-	-	-	-	4
number	(D)	(D)	381	-	-	-	-	465
200 to 499								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
500 or more								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves								
farms, 1987	365	251	288	297	211	474	145	570
farms, 1982	458	366	390	395	275	582	238	793
number, 1987	9 678	7 639	6 305	19 224	10 630	11 863	6 616	33 233
number, 1982	12 289	11 757	9 901	37 177	16 936	14 886	9 532	39 028
Steers, steer calves, bulls, and bull calves								
farms, 1987	453	315	334	329	215	535	184	658
farms, 1982	526	438	429	434	292	655	294	922
number, 1987	11 871	11 709	10 076	26 618	14 887	17 378	8 395	34 900
number, 1982	15 096	23 737	13 578	38 089	16 846	27 553	14 719	58 177

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Cattle and calves								
..... farms, 1987 ..	211	288	772	649	511	340	398	583
..... farms, 1982 ..	310	420	1 020	773	602	516	499	792
..... number, 1987 ..	17 817	14 394	73 730	52 353	52 034	51 204	30 430	49 837
..... number, 1982 ..	27 851	21 532	112 964	69 472	68 204	83 948	43 415	78 145
Farms by inventory:								
1 to 9								
..... farms, 1987 ..	42	53	90	56	30	30	62	35
..... farms, 1982 ..	48	96	103	56	29	39	68	57
..... number, 1987 ..	208	252	465	285	154	155	313	166
..... number, 1982 ..	252	486	502	312	139	200	373	299
10 to 19								
..... farms, 1987 ..	31	61	103	58	34	38	55	59
..... farms, 1982 ..	42	80	118	62	39	44	69	67
..... number, 1987 ..	450	807	1 480	825	484	543	787	807
..... number, 1982 ..	582	1 098	1 678	868	572	620	906	921
20 to 49								
..... farms, 1987 ..	59	89	202	173	132	87	107	199
..... farms, 1982 ..	87	131	286	172	139	146	126	208
..... number, 1987 ..	1 841	2 714	6 705	5 957	4 444	2 921	3 256	6 731
..... number, 1982 ..	2 758	4 240	8 676	5 905	4 572	4 740	4 014	7 065
50 to 99								
..... farms, 1987 ..	34	49	165	185	137	72	87	155
..... farms, 1982 ..	54	56	205	245	159	102	99	236
..... number, 1987 ..	2 420	3 224	11 452	12 852	9 774	4 965	(D)	10 809
..... number, 1982 ..	3 780	3 881	14 612	17 361	11 267	7 185	7 083	16 391
100 to 199								
..... farms, 1987 ..	24	24	127	125	107	49	49	94
..... farms, 1982 ..	46	40	185	160	143	90	78	144
..... number, 1987 ..	3 444	3 038	16 830	16 532	14 304	6 941	(D)	11 646
..... number, 1982 ..	6 310	(D)	25 078	22 015	19 962	12 106	10 371	19 703
200 to 499								
..... farms, 1987 ..	16	11	70	46	63	42	34	39
..... farms, 1982 ..	26	15	113	70	81	59	50	59
..... number, 1987 ..	4 620	(D)	20 951	12 308	17 388	11 501	10 354	9 941
..... number, 1982 ..	8 385	4 347	33 964	17 653	22 210	16 568	14 648	16 934
500 or more								
..... farms, 1987 ..	5	1	15	6	8	22	4	12
..... farms, 1982 ..	7	2	30	8	12	36	9	21
..... number, 1987 ..	4 834	(D)	15 847	3 594	5 486	24 178	3 403	9 737
..... number, 1982 ..	5 784	(D)	28 454	5 358	9 482	42 529	6 020	16 832
Cows and heifers that had calved								
..... farms, 1987 ..	118	227	580	537	469	245	295	442
..... farms, 1982 ..	173	315	742	672	550	354	350	597
..... number, 1987 ..	2 815	6 096	20 545	20 335	25 966	9 833	8 864	14 292
..... number, 1982 ..	3 859	7 516	25 219	27 905	31 007	15 783	11 741	21 362
Beef cows								
..... farms, 1987 ..	113	216	568	521	461	229	261	420
..... farms, 1982 ..	160	299	713	647	541	326	297	565
..... number, 1987 ..	2 523	5 690	19 993	19 196	25 326	8 852	6 533	13 600
..... number, 1982 ..	3 366	6 805	23 981	26 482	29 877	14 431	8 703	20 434
1987 farms by inventory:								
1 to 9								
..... farms ..	41	69	122	73	40	50	77	52
..... number ..	215	368	640	406	197	258	443	269
10 to 19								
..... farms ..	32	63	120	84	60	45	75	101
..... number ..	424	855	1 620	1 195	875	623	1 018	1 450
20 to 49								
..... farms ..	32	56	201	225	177	83	83	186
..... number ..	977	1 693	5 950	6 307	5 710	2 527	2 630	5 642
50 to 99								
..... farms ..	5	19	89	112	114	37	17	63
..... number ..	409	1 238	5 711	7 057	7 463	2 624	1 045	3 854
100 to 199								
..... farms ..	2	6	30	25	58	10	8	16
..... number ..	(D)	645	3 817	(D)	7 094	1 261	(D)	(D)
200 to 499								
..... farms ..	1	3	5	2	11	3	1	2
..... number ..	(D)	891	(D)	(D)	(D)	(D)	(D)	(D)
500 or more								
..... farms ..	-	-	1	-	1	1	-	-
..... number ..	-	-	(D)	-	(D)	(D)	-	-
Milk cows								
..... farms, 1987 ..	10	14	24	40	23	30	40	26
..... farms, 1982 ..	20	23	49	60	45	35	66	48
..... number, 1987 ..	292	406	552	1 139	640	981	2 331	692
..... number, 1982 ..	493	711	1 298	1 423	1 130	1 352	3 038	928
1987 farms by inventory:								
1 to 9								
..... farms ..	3	3	12	13	12	8	5	3
..... number ..	3	(D)	20	45	25	8	(D)	4
10 to 19								
..... farms ..	2	1	-	2	-	6	1	3
..... number ..	(D)	(D)	-	(D)	-	73	(D)	36
20 to 49								
..... farms ..	3	9	7	18	4	10	17	18
..... number ..	83	319	217	547	133	363	552	(D)
50 to 99								
..... farms ..	2	1	5	6	7	4	11	2
..... number ..	(D)	(D)	315	397	482	(D)	768	(D)
100 to 199								
..... farms ..	-	-	-	1	-	2	5	-
..... number ..	-	-	-	(D)	-	(D)	629	-
200 to 499								
..... farms ..	-	-	-	-	-	-	1	-
..... number ..	-	-	-	-	-	-	(D)	-
500 or more								
..... farms ..	-	-	-	-	-	-	-	-
..... number ..	-	-	-	-	-	-	-	-
Heifers and heifer calves								
..... farms, 1987 ..	141	202	618	512	400	257	304	430
..... farms, 1982 ..	215	298	805	606	472	385	360	609
..... number, 1987 ..	7 114	3 774	24 242	13 504	11 173	17 543	9 949	11 237
..... number, 1982 ..	9 899	5 043	34 773	16 587	14 988	26 969	13 656	19 617
Steers, steer calves, bulls, and bull calves								
..... farms, 1987 ..	163	239	676	584	461	279	336	535
..... farms, 1982 ..	235	375	916	713	547	451	420	715
..... number, 1987 ..	7 888	4 464	28 943	18 514	14 895	23 828	11 617	24 308
..... number, 1982 ..	14 093	8 973	52 972	24 980	22 209	41 196	18 018	37 166

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Cattle and calves								
farms, 1987	894	266	702	513	479	475	477	785
1982	1 196	375	862	632	568	588	550	918
number, 1987	178 525	20 355	47 664	40 041	45 072	29 876	25 907	47 405
1982	213 834	29 505	64 379	56 555	58 920	39 286	31 419	60 031
Farms by inventory:								
1 to 9								
farms, 1987	68	46	67	37	58	41	81	118
1982	76	63	66	39	51	57	83	117
number, 1987	335	244	350	167	293	227	435	596
1982	437	303	340	193	265	301	383	632
10 to 19								
farms, 1987	87	40	94	41	46	71	86	127
1982	80	46	102	44	42	72	86	141
number, 1987	1 164	571	1 326	580	626	1 019	1 189	1 801
1982	1 144	635	1 464	616	591	1 102	1 196	1 997
20 to 49								
farms, 1987	172	72	226	150	130	174	156	234
1982	232	117	254	174	134	197	197	263
number, 1987	5 862	2 280	7 346	5 076	4 304	5 827	4 881	7 588
1982	7 645	3 783	8 723	5 831	4 407	6 310	6 368	8 406
50 to 99								
farms, 1987	171	60	182	160	94	99	93	178
1982	243	73	249	183	141	152	98	219
number, 1987	12 051	3 994	13 142	11 058	6 855	6 992	6 170	12 297
1982	16 560	5 147	17 143	13 156	10 127	10 800	6 793	15 004
100 to 199								
farms, 1987	166	27	102	85	99	64	42	94
1982	272	41	137	138	128	78	63	129
number, 1987	22 171	3 730	13 976	11 650	13 506	8 451	5 577	12 877
1982	37 384	5 455	18 483	19 099	17 571	(D)	8 435	17 326
200 to 499								
farms, 1987	153	16	24	38	44	25	16	30
1982	208	26	46	46	64	31	20	43
number, 1987	46 319	4 939	6 651	(D)	12 203	(D)	4 990	8 097
1982	63 703	7 083	13 051	12 190	18 341	8 881	5 896	11 427
500 or more								
farms, 1987	77	5	7	2	8	1	3	4
1982	85	9	8	8	8	1	3	6
number, 1987	90 823	4 597	4 873	(D)	7 285	(D)	2 665	4 149
1982	86 961	7 099	5 175	5 470	7 618	(D)	2 348	5 239
Cows and heifers that had calved								
farms, 1987	405	183	569	461	431	447	417	692
1982	579	251	695	564	493	536	472	811
number, 1987	18 660	4 750	18 354	18 377	20 855	15 179	11 994	21 747
1982	24 034	6 483	23 689	24 549	25 192	19 305	14 356	27 105
Beef cows								
farms, 1987	232	169	526	455	422	426	400	665
1982	329	236	651	555	485	510	455	767
number, 1987	9 256	3 917	16 517	18 185	20 631	14 685	11 360	20 514
1982	12 512	5 773	21 684	24 202	24 877	18 550	13 801	24 915
1987 farms by inventory:								
1 to 9								
farms	60	50	85	53	66	67	115	154
number	305	285	443	233	289	347	592	832
10 to 19								
farms	52	49	138	87	79	98	104	149
number	735	668	1 933	1 257	1 115	1 377	1 439	2 065
20 to 49								
farms	70	57	200	193	136	163	134	241
number	2 120	1 733	6 058	6 228	4 456	5 066	4 162	7 415
50 to 99								
farms	29	10	83	90	96	78	31	88
number	1 948	657	5 181	5 945	6 681	5 168	2 009	5 543
100 to 199								
farms	13	1	16	30	36	18	11	29
number	1 745	(D)	1 983	(D)	4 899	(D)	1 458	3 719
200 to 499								
farms	7	2	4	1	8	2	4	4
number	(D)	(D)	919	(D)	(D)	(D)	(D)	940
500 or more								
farms	1	-	-	1	1	-	1	-
number	(D)	-	-	(D)	(D)	-	(D)	-
Milk cows								
farms, 1987	185	15	64	24	24	40	30	45
1982	272	19	81	40	31	68	46	80
number, 1987	9 404	833	1 837	192	224	494	634	1 233
1982	11 522	710	2 005	347	315	755	555	2 190
1987 farms by inventory:								
1 to 9								
farms	16	3	15	18	16	24	14	19
number	49	14	33	(D)	(D)	75	32	(D)
10 to 19								
farms	17	-	9	1	2	8	2	1
number	238	-	113	(D)	(D)	111	(D)	(D)
20 to 49								
farms	89	9	30	4	6	6	11	17
number	3 015	284	981	90	166	(D)	289	607
50 to 99								
farms	45	2	9	1	-	2	2	7
number	3 086	(D)	(D)	(D)	-	(D)	(D)	448
100 to 199								
farms	14	-	1	-	-	-	1	1
number	1 805	-	(D)	-	-	-	(D)	(D)
200 to 499								
farms	4	1	-	-	-	-	-	-
number	1 211	(D)	-	-	-	-	-	-
500 or more								
farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves								
farms, 1987	640	209	505	423	364	367	386	607
1982	879	284	668	507	451	460	456	774
number, 1987	72 525	7 620	10 748	9 788	10 435	6 957	5 866	13 254
1982	90 758	9 214	17 420	13 033	14 021	9 124	7 880	16 422
Steers, steer calves, bulls, and bull calves								
farms, 1987	691	231	610	466	420	423	415	693
1982	956	317	773	577	510	533	498	805
number, 1987	87 340	7 985	18 562	11 884	13 782	7 740	8 047	12 404
1982	99 042	13 808	23 270	18 973	19 707	10 857	9 183	16 504

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY</b>								
Cattle and calves								
----- farms, 1987..	481	509	231	159	1 217	596	228	143
----- farms, 1982..	603	610	360	221	1 388	848	298	212
----- number, 1987..	30 074	44 170	12 135	9 127	103 658	74 222	13 566	8 914
----- number, 1982..	43 737	60 563	22 155	12 674	124 739	106 604	17 245	16 555
Farms by inventory:								
1 to 9								
----- farms, 1987..	51	35	60	30	65	61	45	30
----- farms, 1982..	73	38	83	39	70	69	58	33
----- number, 1987..	247	157	316	145	335	293	265	134
----- number, 1982..	303	232	406	208	387	345	273	158
10 to 19								
----- farms, 1987..	52	47	33	20	103	75	26	27
----- farms, 1982..	66	46	63	38	95	87	47	33
----- number, 1987..	764	678	441	271	1 459	1 062	365	367
----- number, 1982..	905	629	872	528	1 359	1 238	706	465
20 to 49								
----- farms, 1987..	155	131	67	50	284	167	82	52
----- farms, 1982..	172	142	102	57	290	221	84	78
----- number, 1987..	5 036	4 323	2 035	1 686	9 245	5 443	2 627	1 639
----- number, 1982..	5 612	4 917	3 326	1 865	9 844	7 457	2 839	2 517
50 to 99								
----- farms, 1987..	142	130	38	35	357	143	42	7
----- farms, 1982..	160	173	51	48	453	205	64	27
----- number, 1987..	9 965	9 092	2 472	(D)	25 373	10 016	3 119	548
----- number, 1982..	11 269	12 256	3 575	3 164	32 294	14 375	4 366	1 836
100 to 199								
----- farms, 1987..	60	123	26	19	323	83	25	15
----- farms, 1982..	84	151	34	29	375	122	28	19
----- number, 1987..	8 223	16 316	3 540	2 440	43 118	(D)	3 374	1 998
----- number, 1982..	10 912	20 437	4 585	3 775	50 229	16 276	(D)	2 630
200 to 499								
----- farms, 1987..	21	41	4	3	81	38	7	9
----- farms, 1982..	44	50	23	10	102	105	16	16
----- number, 1987..	5 839	(D)	1 168	(D)	19 950	(D)	(D)	2 391
----- number, 1982..	12 507	14 446	6 300	3 134	27 594	29 896	3 917	4 664
500 or more								
----- farms, 1987..	-	2	3	2	4	29	1	3
----- farms, 1982..	4	10	4	-	3	39	1	6
----- number, 1987..	-	(D)	2 163	(D)	4 178	35 958	(D)	1 837
----- number, 1982..	2 229	7 646	3 091	-	3 032	37 017	(D)	4 285
Cows and heifers that had calved								
----- farms, 1987..	383	447	161	109	988	449	169	64
----- farms, 1982..	478	553	278	155	1 219	616	217	109
----- number, 1987..	11 752	21 243	3 836	2 879	42 316	16 533	4 012	1 586
----- number, 1982..	16 474	29 448	6 918	4 443	51 367	29 175	6 942	2 674
Beef cows								
----- farms, 1987..	334	439	157	69	522	429	150	55
----- farms, 1982..	419	536	262	109	641	592	180	101
----- number, 1987..	10 748	20 557	3 638	1 479	16 017	16 182	2 902	1 313
----- number, 1982..	15 361	28 446	6 458	2 892	21 175	28 112	5 365	2 347
1987 farms by inventory:								
1 to 9								
----- farms..	51	38	59	16	83	72	42	22
----- number..	295	204	285	89	459	401	187	120
10 to 19								
----- farms..	73	66	34	22	134	98	49	16
----- number..	1 034	986	471	279	1 916	1 369	651	216
20 to 49								
----- farms..	149	167	49	29	213	172	50	11
----- number..	4 577	5 360	1 390	(D)	6 560	5 437	1 443	(D)
50 to 99								
----- farms..	48	127	12	1	73	58	8	4
----- number..	2 966	8 438	832	(D)	4 570	3 753	(D)	(D)
100 to 199								
----- farms..	11	37	2	-	16	21	1	1
----- number..	(D)	4 380	(D)	-	1 859	2 800	(D)	(D)
200 to 499								
----- farms..	2	4	1	1	3	6	-	1
----- number..	(D)	1 189	(D)	(D)	653	(D)	-	(D)
500 or more								
----- farms..	-	-	-	-	-	2	-	-
----- number..	-	-	-	-	-	(D)	-	-
Milk cows								
----- farms, 1987..	64	23	9	48	570	32	29	9
----- farms, 1982..	84	49	24	61	743	54	50	11
----- number, 1987..	1 004	686	198	1 400	26 299	351	1 110	273
----- number, 1982..	1 113	1 002	460	1 551	30 192	1 063	1 577	327
1987 farms by inventory:								
1 to 9								
----- farms..	24	5	4	4	32	22	1	2
----- number..	54	(D)	6	18	120	53	(D)	(D)
10 to 19								
----- farms..	18	3	1	13	37	3	10	2
----- number..	247	(D)	(D)	206	496	46	(D)	(D)
20 to 49								
----- farms..	20	11	2	24	274	5	11	2
----- number..	(D)	340	(D)	729	9 602	(D)	318	(D)
50 to 99								
----- farms..	2	4	2	7	200	2	3	3
----- number..	(D)	281	(D)	447	12 750	(D)	236	189
100 to 199								
----- farms..	-	-	-	-	24	-	4	-
----- number..	-	-	-	-	2 670	-	421	-
200 to 499								
----- farms..	-	-	-	-	3	-	-	-
----- number..	-	-	-	-	661	-	-	-
500 or more								
----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Heifers and heifer calves								
----- farms, 1987..	385	402	175	132	996	463	178	98
----- farms, 1982..	483	485	286	167	1 206	650	230	160
----- number, 1987..	8 045	10 729	3 163	3 108	31 541	24 017	3 769	4 002
----- number, 1982..	11 417	14 575	6 557	3 649	35 781	27 254	4 152	4 734
Steers, steer calves, bulls, and bull calves								
----- farms, 1987..	431	451	203	129	1 037	536	204	113
----- farms, 1982..	525	546	317	183	1 186	750	269	170
----- number, 1987..	10 277	12 198	5 136	3 140	29 801	33 672	5 785	3 326
----- number, 1982..	15 846	16 540	8 680	4 582	37 591	50 175	6 151	9 147

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>SALES</b>							
Dairy products sold ----- farms, 1987..	7 048	28	9	436	24	14	58
1982..	8 850	45	15	491	26	28	77
\$1,000, 1987..	392 284	1 051	230	29 620	680	492	3 210
1982..	426 730	1 377	491	28 957	923	946	3 651
Cattle and calves sold ----- farms, 1987..	50 509	679	471	878	664	421	692
1982..	62 765	822	562	983	685	571	859
number, 1987..	3 539 020	38 670	25 871	40 002	28 979	41 064	62 164
1982..	4 595 676	48 497	35 089	44 254	27 867	60 235	56 696
\$1,000, 1987..	2 124 641	22 192	13 645	19 271	12 051	25 608	40 876
1982..	2 500 175	23 897	17 915	17 904	9 742	34 965	31 399
1987 farms by number sold:							
1 to 9 ----- farms..	9 997	88	67	94	145	68	152
number..	50 706	434	421	529	723	361	758
10 to 19 ----- farms..	10 678	124	91	171	115	60	148
number..	149 712	1 788	1 318	2 410	1 595	816	2 115
20 to 49 ----- farms..	16 239	259	173	363	234	147	242
number..	505 387	8 105	5 525	11 393	7 711	4 847	7 305
50 to 99 ----- farms..	7 185	120	87	166	112	69	79
number..	487 377	8 350	5 937	11 216	7 914	4 688	5 160
100 to 199 ----- farms..	3 336	56	35	61	41	31	31
number..	446 583	(D)	4 482	7 708	5 026	4 281	4 103
200 to 499 ----- farms..	2 052	27	12	22	13	26	25
number..	605 600	(D)	3 422	(D)	3 025	6 896	7 524
500 or more ----- farms..	1 022	5	6	1	4	20	15
number..	1 293 655	5 359	4 766	(D)	2 985	19 175	35 199
Calves sold ----- farms, 1987..	16 116	193	161	373	354	98	179
1982..	21 612	290	205	453	383	148	250
number, 1987..	355 396	4 777	4 844	8 210	9 517	2 215	2 753
1982..	494 753	7 467	6 600	11 152	10 331	4 710	5 208
\$1,000, 1987..	101 352	1 628	1 570	2 246	2 850	725	815
1982..	122 433	2 049	1 733	2 475	2 677	1 278	1 290
1987 farms by number sold:							
1 to 9 ----- farms..	6 057	62	33	96	124	42	71
number..	26 638	238	157	471	492	168	296
10 to 19 ----- farms..	4 373	44	45	127	77	18	58
number..	59 443	610	626	1 721	1 048	229	780
20 to 49 ----- farms..	4 340	66	54	120	112	24	53
number..	125 659	1 890	1 661	3 356	3 592	672	1 053
50 to 99 ----- farms..	960	16	22	21	33	13	8
number..	62 243	1 185	1 546	1 379	2 263	(D)	(D)
100 to 199 ----- farms..	276	4	7	9	3	-	1
number..	34 689	(D)	854	1 283	300	-	(D)
200 to 499 ----- farms..	81	1	-	-	4	1	-
number..	22 165	(D)	-	-	(D)	(D)	-
500 or more ----- farms..	29	-	-	-	1	-	-
number..	24 559	-	-	-	(D)	-	-
Cattle sold ----- farms, 1987..	43 833	592	396	768	501	369	618
1982..	53 792	698	458	832	515	500	754
number, 1987..	3 183 624	33 893	21 027	31 792	19 462	38 849	59 411
1982..	4 100 923	41 030	28 489	33 102	17 536	55 525	51 488
\$1,000, 1987..	2 023 290	20 564	12 075	17 025	9 200	24 883	40 061
1982..	2 377 742	21 848	16 181	15 430	7 065	33 687	30 109
1987 farms by number sold:							
1 to 9 ----- farms..	10 808	95	89	155	157	64	160
number..	50 980	395	515	808	686	360	761
10 to 19 ----- farms..	8 851	115	64	157	78	44	118
number..	122 463	1 626	912	2 174	1 029	612	1 679
20 to 49 ----- farms..	12 448	204	131	252	143	133	198
number..	386 556	6 447	4 083	7 787	4 590	4 428	5 970
50 to 99 ----- farms..	5 856	98	72	132	87	54	74
number..	398 851	6 846	4 787	8 860	6 105	3 740	4 787
100 to 199 ----- farms..	2 967	51	24	55	24	30	29
number..	398 311	(D)	3 153	6 976	2 949	4 271	3 789
200 to 499 ----- farms..	1 923	24	10	16	9	24	24
number..	569 886	(D)	2 890	(D)	2 203	6 288	7 316
500 or more ----- farms..	980	5	6	1	3	20	15
number..	1 256 577	5 359	4 687	(D)	1 900	19 150	35 109
Cattle fattened on grain and concentrates sold ----- farms, 1987..	22 503	305	144	213	101	237	358
1982..	28 535	397	214	216	106	331	459
number, 1987..	2 405 669	22 410	11 638	12 367	3 992	33 228	50 721
1982..	3 140 912	27 733	18 149	12 687	4 309	42 795	42 172
\$1,000, 1987..	1 643 176	14 874	7 991	7 895	2 250	22 295	35 574
1982..	1 966 120	16 393	11 967	7 113	2 371	27 677	26 000
1987 farms by number sold:							
1 to 9 ----- farms..	4 447	34	21	32	34	32	64
number..	20 705	145	105	155	144	184	304
10 to 19 ----- farms..	3 847	36	16	37	17	26	69
number..	53 578	518	236	510	256	359	992
20 to 49 ----- farms..	6 270	112	58	71	19	78	113
number..	196 879	3 588	1 823	2 204	572	2 654	3 458
50 to 99 ----- farms..	3 433	66	26	41	20	38	81
number..	236 926	4 681	1 786	3 029	1 298	2 639	4 033
100 to 199 ----- farms..	2 044	37	10	20	6	24	17
number..	278 518	5 249	1 184	2 528	643	3 453	2 191
200 to 499 ----- farms..	1 596	15	7	11	5	20	21
number..	477 160	4 220	1 817	(D)	1 079	5 454	6 400
500 or more ----- farms..	866	5	6	1	-	19	13
number..	1 141 903	4 009	4 687	(D)	-	18 485	33 343

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>SALES</b>							
Dairy products sold ----- farms, 1987..	81	13	242	248	13	110	3
1982..	116	21	297	262	11	166	10
\$1,000, 1987..	4 284	517	12 875	7 327	573	4 529	137
1982..	5 474	773	14 420	7 497	865	6 298	359
Cattle and calves sold ----- farms, 1987..	413	318	543	646	242	562	247
1982..	552	445	687	718	380	750	403
number, 1987..	17 095	23 077	19 257	29 072	34 767	25 773	25 467
1982..	23 601	31 776	19 971	30 409	43 961	30 817	49 917
\$1,000, 1987..	9 813	14 859	10 664	16 911	23 787	16 683	16 338
1982..	12 837	18 409	10 464	16 930	27 429	16 587	28 124
1987 farms by number sold:							
1 to 9 ----- farms..	118	89	140	207	59	120	62
number..	637	412	898	1 073	304	591	295
10 to 19 ----- farms..	115	71	156	193	37	158	52
number..	1 586	985	2 175	2 629	527	2 202	693
20 to 49 ----- farms..	102	78	170	148	50	180	65
number..	3 082	2 475	5 071	4 375	1 517	5 487	1 944
50 to 99 ----- farms..	50	25	50	43	38	58	28
number..	3 536	1 872	3 199	2 881	2 640	3 926	1 970
100 to 199 ----- farms..	15	23	16	36	23	24	11
number..	2 107	2 972	2 309	5 045	3 205	3 300	1 431
200 to 499 ----- farms..	10	23	7	16	24	15	13
number..	3 057	6 819	2 280	4 406	7 339	4 257	3 696
500 or more ----- farms..	3	9	4	5	11	7	16
number..	3 090	7 542	3 524	8 663	19 235	6 010	15 438
Calves sold ----- farms, 1987..	119	76	212	279	27	139	58
1982..	148	109	286	257	62	237	102
number, 1987..	2 716	964	3 064	3 574	783	2 316	1 153
1982..	2 356	2 356	3 167	3 151	1 499	3 786	2 187
\$1,000, 1987..	831	295	455	793	192	556	349
1982..	540	602	496	728	472	796	569
1987 farms by number sold:							
1 to 9 ----- farms..	56	44	89	165	10	62	22
number..	251	156	423	785	35	253	78
10 to 19 ----- farms..	28	18	71	70	9	48	14
number..	372	245	906	928	115	665	167
20 to 49 ----- farms..	28	12	46	35	4	21	16
number..	770	(D)	1 287	964	103	520	467
50 to 99 ----- farms..	5	1	5	5	1	5	5
number..	(D)	(D)	(D)	378	(D)	390	(D)
100 to 199 ----- farms..	1	1	1	4	2	2	1
number..	(D)	(D)	(D)	521	(D)	(D)	(D)
200 to 499 ----- farms..	-	-	-	-	1	1	-
number..	-	-	-	-	(D)	(D)	-
500 or more ----- farms..	1	-	-	-	-	-	-
number..	(D)	-	-	-	-	-	-
Cattle sold ----- farms, 1987..	368	290	489	537	230	509	217
1982..	506	401	616	631	356	682	344
number, 1987..	14 379	22 113	16 193	25 498	33 984	23 457	24 314
1982..	21 245	29 420	16 804	27 258	42 482	27 031	47 730
\$1,000, 1987..	8 982	14 564	10 209	16 117	23 596	16 128	15 989
1982..	12 297	17 807	9 968	16 204	26 957	15 791	27 555
1987 farms by number sold:							
1 to 9 ----- farms..	120	94	173	214	61	130	60
number..	589	429	786	979	311	648	292
10 to 19 ----- farms..	104	52	131	135	34	132	47
number..	1 400	725	1 752	1 788	499	1 793	608
20 to 49 ----- farms..	74	67	119	100	42	152	50
number..	2 164	2 092	3 435	3 020	1 326	4 719	1 499
50 to 99 ----- farms..	44	22	43	34	38	55	21
number..	3 101	1 670	2 634	2 241	2 657	3 688	1 576
100 to 199 ----- farms..	15	24	12	33	22	19	11
number..	2 056	3 092	1 782	4 651	3 120	2 558	1 485
200 to 499 ----- farms..	9	22	7	17	22	14	12
number..	(D)	6 563	2 280	4 856	6 836	4 051	3 416
500 or more ----- farms..	2	9	4	4	11	7	16
number..	(D)	7 542	3 524	7 963	19 235	6 010	15 438
Cattle fattened on grain and concentrates sold ----- farms, 1987..	219	172	244	272	171	331	128
1982..	301	243	297	339	273	384	236
number, 1987..	10 583	18 196	11 179	18 978	30 384	18 668	21 194
1982..	16 402	24 757	11 248	21 547	38 353	21 800	41 408
\$1,000, 1987..	7 175	12 718	7 473	12 889	21 733	13 531	14 538
1982..	10 059	15 474	7 224	13 753	24 980	13 357	24 756
1987 farms by number sold:							
1 to 9 ----- farms..	67	50	74	83	39	82	35
number..	330	222	336	375	183	433	163
10 to 19 ----- farms..	53	27	65	53	24	79	14
number..	748	376	880	708	349	1 068	171
20 to 49 ----- farms..	48	32	67	60	36	97	28
number..	1 350	1 024	2 033	1 793	1 205	3 043	853
50 to 99 ----- farms..	31	16	20	25	24	39	16
number..	2 208	1 302	1 241	1 656	1 641	2 744	1 182
100 to 199 ----- farms..	10	18	8	31	19	14	9
number..	1 248	2 352	1 105	4 411	2 710	(D)	1 233
200 to 499 ----- farms..	8	21	6	16	19	15	12
number..	(D)	6 228	2 060	4 572	5 968	(D)	3 466
500 or more ----- farms..	2	8	4	4	10	5	14
number..	(D)	6 692	3 524	5 463	18 328	4 988	14 146

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>SALES</b>							
Dairy products sold ----- farms, 1987..	20	20	35	24	45	163	6
----- farms, 1982..	34	41	63	18	47	189	12
----- \$1,000, 1987..	646	896	1 663	934	1 724	7 775	268
----- 1982..	(D)	1 379	2 846	792	1 840	7 454	409
Cattle and calves sold ----- farms, 1987..	597	534	520	226	499	535	513
----- farms, 1982..	793	694	615	318	690	643	571
----- number, 1987..	108 144	45 482	32 732	9 038	61 876	31 751	21 329
----- farms, 1982..	156 944	57 001	36 970	15 178	86 871	32 391	26 742
----- \$1,000, 1987..	67 065	28 169	20 473	5 684	39 977	19 660	9 629
----- 1982..	91 858	30 968	21 454	8 285	56 014	17 822	10 379
1987 farms by number sold:							
1 to 9 ----- farms..	65	82	100	74	68	119	79
----- number..	308	334	556	336	355	657	402
10 to 19 ----- farms..	88	83	105	47	86	130	90
----- number..	1 247	1 248	1 468	648	1 192	1 841	1 222
20 to 49 ----- farms..	182	192	138	69	143	181	206
----- number..	5 607	6 008	4 296	2 131	4 324	5 388	6 505
50 to 99 ----- farms..	103	95	107	20	78	55	108
----- number..	7 014	6 810	7 278	1 341	5 214	3 733	7 011
100 to 199 ----- farms..	61	42	41	10	53	23	18
----- number..	8 458	5 975	(D)	1 330	6 981	3 081	2 355
200 to 499 ----- farms..	58	22	25	3	48	16	10
----- number..	16 765	6 702	(D)	725	14 089	5 373	(D)
500 or more ----- farms..	40	18	4	3	23	11	2
----- number..	68 745	18 405	5 425	2 527	29 721	11 678	(D)
Calves sold ----- farms, 1987..	102	154	113	47	87	169	244
----- farms, 1982..	163	195	182	84	131	223	275
----- number, 1987..	5 966	3 848	1 953	613	1 903	2 929	6 936
----- farms, 1982..	7 937	4 854	3 198	1 693	3 205	3 612	7 330
----- \$1,000, 1987..	2 170	1 165	547	175	618	534	2 283
----- 1982..	2 421	1 353	851	431	969	863	1 878
1987 farms by number sold:							
1 to 9 ----- farms..	29	51	34	27	33	68	61
----- number..	90	223	148	125	143	297	277
10 to 19 ----- farms..	28	39	43	11	28	56	52
----- number..	389	563	560	156	388	767	683
20 to 49 ----- farms..	34	46	30	8	18	36	87
----- number..	(D)	1 394	848	(D)	514	950	2 663
50 to 99 ----- farms..	2	11	6	1	4	6	36
----- number..	(D)	728	397	(D)	236	357	2 226
100 to 199 ----- farms..	3	6	-	-	4	2	8
----- number..	319	(D)	-	-	622	(D)	1 087
200 to 499 ----- farms..	3	1	-	-	-	1	-
----- number..	895	(D)	-	-	-	(D)	-
500 or more ----- farms..	3	-	-	-	-	-	-
----- number..	3 126	-	-	-	-	-	-
Cattle sold ----- farms, 1987..	545	460	471	204	462	488	396
----- farms, 1982..	715	618	533	288	643	565	455
----- number, 1987..	102 178	41 634	30 779	8 425	59 973	28 822	14 393
----- farms, 1982..	149 007	52 147	33 772	13 485	83 666	28 779	19 412
----- \$1,000, 1987..	64 895	27 004	19 926	5 509	39 359	19 126	7 346
----- 1982..	89 437	29 616	20 603	7 854	55 045	16 958	8 501
1987 farms by number sold:							
1 to 9 ----- farms..	62	84	100	72	66	139	106
----- number..	298	309	524	295	351	708	449
10 to 19 ----- farms..	84	78	88	34	73	122	67
----- number..	1 216	1 150	1 215	471	1 035	1 659	934
20 to 49 ----- farms..	147	143	121	66	131	132	140
----- number..	4 536	4 530	3 873	2 067	3 971	3 932	4 304
50 to 99 ----- farms..	100	78	94	17	72	51	62
----- number..	6 739	5 641	6 394	1 175	4 724	3 396	3 999
100 to 199 ----- farms..	60	37	39	10	52	18	10
----- number..	8 262	5 309	(D)	(D)	6 814	2 526	1 407
200 to 499 ----- farms..	56	22	25	2	45	15	10
----- number..	16 300	6 498	(D)	(D)	13 357	5 023	(D)
500 or more ----- farms..	36	18	4	3	23	11	1
----- number..	64 827	18 197	5 425	2 527	29 721	11 578	(D)
Cattle fattened on grain and concentrates sold ----- farms, 1987..	375	284	340	136	311	269	118
----- farms, 1982..	483	374	367	178	428	263	126
----- number, 1987..	93 848	34 783	26 408	6 074	51 240	22 266	4 815
----- farms, 1982..	134 875	40 607	26 919	9 483	71 244	20 924	7 616
----- \$1,000, 1987..	61 040	23 591	17 905	4 209	34 833	15 707	2 981
----- 1982..	82 642	25 121	17 527	5 948	49 096	12 741	4 046
1987 farms by number sold:							
1 to 9 ----- farms..	29	44	70	42	39	72	23
----- number..	143	181	335	189	219	368	75
10 to 19 ----- farms..	42	44	54	24	41	63	20
----- number..	575	633	772	305	593	869	269
20 to 49 ----- farms..	93	73	76	48	87	63	45
----- number..	2 853	2 365	2 450	1 439	2 729	1 642	1 368
50 to 99 ----- farms..	77	57	82	12	46	32	22
----- number..	5 368	4 260	5 549	851	3 041	2 206	1 452
100 to 199 ----- farms..	50	30	30	6	40	16	5
----- number..	6 906	4 390	(D)	808	5 150	2 277	694
200 to 499 ----- farms..	49	19	24	2	38	14	3
----- number..	14 080	5 380	(D)	(D)	11 735	4 703	957
500 or more ----- farms..	35	17	4	2	20	9	-
----- number..	63 923	17 574	5 425	(D)	27 773	10 001	-

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>SALES</b>							
Dairy products sold ----- farms, 1987--	10	682	59	41	9	83	15
1982--	23	758	88	70	10	99	18
\$1,000, 1987--	210	41 947	3 511	1 369	343	2 032	776
1982--	700	41 643	4 301	2 055	(D)	3 080	627
Cattle and calves sold ----- farms, 1987--	274	1 287	688	791	397	637	498
1982--	444	1 447	808	1 039	517	708	573
number, 1987--	32 497	52 096	61 373	59 583	19 134	21 847	31 828
1982--	53 776	54 879	73 059	76 775	34 354	25 758	44 105
\$1,000, 1987--	20 793	24 903	38 945	35 785	11 787	9 673	14 994
1982--	32 716	22 446	42 858	42 395	18 598	9 554	16 283
1987 farms by number sold:							
1 to 9 ----- farms--	53	188	136	115	108	149	77
number--	229	977	656	689	476	762	413
10 to 19 ----- farms--	53	322	124	151	102	156	91
number--	732	4 519	1 649	2 172	1 413	2 173	1 338
20 to 49 ----- farms--	83	499	169	261	117	209	185
number--	2 575	15 280	5 360	8 134	3 417	6 572	5 924
50 to 99 ----- farms--	27	189	106	130	40	83	80
number--	1 888	12 327	7 246	8 864	2 678	5 349	5 425
100 to 199 ----- farms--	19	66	66	75	12	33	46
number--	2 557	8 472	9 438	9 824	1 534	4 077	6 394
200 to 499 ----- farms--	21	18	67	43	11	6	12
number--	5 792	5 319	21 273	13 007	3 507	(D)	3 067
500 or more ----- farms--	18	5	20	16	7	1	7
number--	18 724	5 202	15 751	16 913	6 109	(D)	9 267
Calves sold ----- farms, 1987--	58	699	95	190	133	334	228
1982--	114	803	179	295	172	386	270
number, 1987--	2 637	13 826	2 993	5 211	1 925	7 130	6 485
1982--	3 477	16 676	4 223	8 014	3 238	8 776	8 101
\$1,000, 1987--	730	2 789	880	1 553	606	2 340	2 172
1982--	896	2 864	1 021	2 144	870	2 161	2 174
1987 farms by number sold:							
1 to 9 ----- farms--	21	223	35	67	74	137	68
number--	99	1 113	127	286	288	672	309
10 to 19 ----- farms--	17	225	22	39	38	73	31
number--	241	3 037	317	545	502	1 040	448
20 to 49 ----- farms--	13	211	28	55	14	91	92
number--	434	5 919	816	1 609	407	2 772	2 821
50 to 99 ----- farms--	2	27	6	21	5	23	31
number--	(D)	1 776	444	1 409	(D)	1 475	2 071
100 to 199 ----- farms--	1	11	1	7	1	10	5
number--	(D)	(D)	(D)	(D)	(D)	1 171	(D)
200 to 499 ----- farms--	2	2	2	1	1	-	1
number--	(D)	(D)	(D)	(D)	(D)	-	(D)
500 or more ----- farms--	2	-	1	-	-	-	-
number--	(D)	-	(D)	-	-	-	-
Cattle sold ----- farms, 1987--	243	1 117	647	699	324	494	403
1982--	400	1 207	719	916	457	564	447
number, 1987--	29 860	38 270	58 380	54 372	17 209	14 717	25 343
1982--	50 299	38 203	68 836	68 761	31 116	16 982	38 004
\$1,000, 1987--	20 063	22 114	38 065	34 231	11 181	7 333	12 822
1982--	31 820	19 582	41 837	40 251	17 729	7 393	14 109
1987 farms by number sold:							
1 to 9 ----- farms--	51	310	136	112	95	168	97
number--	209	1 603	642	594	405	754	486
10 to 19 ----- farms--	41	312	112	136	76	115	79
number--	561	4 233	1 480	1 968	1 045	1 554	1 150
20 to 49 ----- farms--	74	314	156	216	90	136	133
number--	2 324	9 395	4 978	6 755	2 719	4 081	4 160
50 to 99 ----- farms--	23	110	94	114	34	46	41
number--	1 574	7 254	6 473	7 864	2 321	3 053	2 681
100 to 199 ----- farms--	21	52	65	64	11	22	35
number--	2 844	6 628	9 229	8 354	1 423	2 576	4 762
200 to 499 ----- farms--	17	15	65	42	12	6	11
number--	4 624	4 455	20 392	12 606	3 723	(D)	2 842
500 or more ----- farms--	16	4	19	15	6	1	7
number--	17 724	4 702	15 186	16 231	5 573	(D)	9 262
Cattle fattened on grain and concentrates sold ----- farms, 1987--	150	342	476	420	165	101	73
1982--	271	315	571	570	224	151	86
number, 1987--	22 412	19 683	50 447	43 126	11 549	3 054	5 988
1982--	44 641	18 272	60 367	54 957	23 645	4 567	6 038
\$1,000, 1987--	15 466	13 371	33 695	29 180	8 052	1 883	4 045
1982--	29 328	11 334	37 763	34 342	14 645	2 488	3 006
1987 farms by number sold:							
1 to 9 ----- farms--	23	81	70	45	52	41	18
number--	86	414	322	244	186	162	84
10 to 19 ----- farms--	24	73	78	86	33	21	17
number--	349	1 071	1 035	1 203	465	278	255
20 to 49 ----- farms--	44	96	119	125	35	21	16
number--	1 444	2 963	3 675	4 032	1 171	694	547
50 to 99 ----- farms--	16	44	79	64	23	12	15
number--	1 115	2 854	5 541	4 455	1 558	772	1 053
100 to 199 ----- farms--	19	31	55	46	7	4	3
number--	2 614	3 797	8 014	5 914	917	(D)	516
200 to 499 ----- farms--	10	13	58	41	10	2	2
number--	2 807	3 905	18 116	12 472	3 273	(D)	(D)
500 or more ----- farms--	14	4	17	13	5	-	2
number--	13 997	4 679	13 744	14 806	3 979	-	(D)

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>SALES</b>								
Dairy products sold ----- farms, 1987..	516	15	22	612	2	407	45	26
1982..	555	12	18	647	6	477	65	47
\$1,000, 1987..	32 549	1 137	1 146	46 212	(D)	25 100	1 613	927
1982..	30 027	767	926	41 150	173	25 345	2 425	1 568
Cattle and calves sold ----- farms, 1987..	923	315	191	1 263	165	884	350	272
1982..	1 031	363	281	1 368	229	1 075	450	417
number, 1987..	42 255	13 062	30 767	71 118	14 643	38 513	16 366	17 784
1982..	44 110	16 527	47 635	70 656	26 934	52 622	21 562	38 050
\$1,000, 1987..	22 261	7 553	20 381	37 927	9 587	20 348	10 582	11 741
1982..	20 399	8 145	29 234	33 067	15 689	28 485	11 838	21 866
1987 farms by number sold:								
1 to 9 ----- farms..	127	104	32	184	41	154	92	52
number..	676	547	136	922	167	822	492	244
10 to 19 ----- farms..	259	61	37	244	29	196	81	77
number..	3 656	851	496	3 389	402	2 825	1 122	1 059
20 to 49 ----- farms..	334	83	50	511	44	341	106	73
number..	9 929	2 394	1 446	16 133	1 386	10 802	3 113	2 202
50 to 99 ----- farms..	120	36	28	196	24	124	40	31
number..	7 814	2 424	1 886	13 070	1 531	8 288	2 649	2 120
100 to 199 ----- farms..	49	20	17	71	11	44	12	22
number..	6 639	2 732	2 118	9 169	1 608	6 050	1 714	2 984
200 to 499 ----- farms..	28	9	18	42	9	20	16	14
number..	8 404	(D)	5 462	12 691	2 628	6 354	5 121	4 255
500 or more ----- farms..	6	2	9	15	7	5	3	3
number..	5 137	(D)	19 223	15 744	6 921	3 372	2 155	4 920
Calves sold ----- farms, 1987..	443	83	42	655	30	296	91	42
1982..	476	130	86	712	68	400	116	86
number, 1987..	7 632	1 109	820	14 668	596	7 086	1 394	725
1982..	8 145	1 974	1 878	16 158	2 383	6 591	2 067	1 851
\$1,000, 1987..	1 120	305	237	2 226	176	1 818	330	247
1982..	1 131	458	551	2 109	644	1 443	550	428
1987 farms by number sold:								
1 to 9 ----- farms..	135	44	16	174	17	99	40	21
number..	616	184	73	786	65	416	178	81
10 to 19 ----- farms..	161	18	12	191	3	93	32	9
number..	2 203	257	180	2 596	(D)	1 223	448	118
20 to 49 ----- farms..	124	18	10	251	7	81	17	9
number..	3 288	488	282	7 097	182	2 321	(D)	258
50 to 99 ----- farms..	22	3	3	26	2	15	-	1
number..	(D)	180	(D)	1 726	(D)	925	-	(D)
100 to 199 ----- farms..	1	-	1	11	1	4	1	2
number..	(D)	-	(D)	(D)	(D)	544	(D)	(D)
200 to 499 ----- farms..	-	-	-	-	-	3	1	-
number..	-	-	-	-	-	(D)	(D)	-
500 or more ----- farms..	-	-	-	2	-	1	-	-
number..	-	-	-	(D)	-	(D)	-	-
Cattle sold ----- farms, 1987..	786	275	171	1 071	148	799	309	260
1982..	899	304	226	1 151	205	937	415	379
number, 1987..	34 623	11 953	29 947	56 450	14 047	31 427	14 972	17 059
1982..	35 965	14 553	45 757	54 498	24 551	46 031	19 495	36 199
\$1,000, 1987..	21 141	7 248	20 144	35 701	9 411	18 530	10 251	11 494
1982..	19 268	7 687	28 682	30 959	15 045	27 042	11 288	21 437
1987 farms by number sold:								
1 to 9 ----- farms..	210	93	38	260	31	190	98	60
number..	1 140	465	159	1 272	127	1 024	492	301
10 to 19 ----- farms..	229	55	28	268	27	175	61	68
number..	3 120	778	372	3 647	377	2 437	852	930
20 to 49 ----- farms..	183	66	37	306	41	281	80	66
number..	5 411	1 929	1 032	9 408	1 263	8 796	2 423	1 890
50 to 99 ----- farms..	90	30	25	128	24	92	40	29
number..	6 042	2 059	1 681	8 584	1 558	6 123	2 625	1 997
100 to 199 ----- farms..	40	20	16	57	10	41	12	20
number..	5 387	2 608	2 018	7 210	1 448	5 684	1 684	2 773
200 to 499 ----- farms..	28	9	18	39	8	16	15	14
number..	8 386	(D)	5 462	11 985	2 353	4 999	4 841	4 248
500 or more ----- farms..	6	2	9	13	7	4	3	3
number..	5 137	(D)	19 223	14 344	6 921	2 364	2 055	4 920
Cattle fattened on grain and concentrates sold ----- farms, 1987..	336	144	114	493	105	384	209	177
1982..	368	172	157	529	148	393	231	262
number, 1987..	23 794	8 039	26 160	41 271	12 561	16 187	11 326	14 341
1982..	23 176	9 912	42 988	38 779	22 133	29 855	14 400	32 500
\$1,000, 1987..	15 812	5 418	18 535	28 159	8 716	10 900	8 164	10 046
1982..	13 330	5 765	27 365	24 083	14 005	19 204	8 953	19 870
1987 farms by number sold:								
1 to 9 ----- farms..	63	45	27	91	24	82	60	35
number..	354	248	125	387	109	418	286	162
10 to 19 ----- farms..	72	31	12	83	17	86	42	42
number..	1 028	441	161	1 180	249	1 221	589	595
20 to 49 ----- farms..	81	27	26	147	26	136	55	45
number..	2 496	842	726	4 591	754	4 112	1 675	1 269
50 to 99 ----- farms..	59	19	16	88	15	42	25	24
number..	4 052	1 276	1 076	5 733	996	2 886	1 619	1 688
100 to 199 ----- farms..	31	14	11	38	8	28	12	18
number..	4 285	1 923	1 498	4 736	1 199	3 832	1 661	2 597
200 to 499 ----- farms..	25	6	14	33	8	8	14	10
number..	7 528	(D)	4 119	10 300	2 353	(D)	(D)	3 130
500 or more ----- farms..	5	2	8	13	7	2	1	3
number..	4 051	(D)	18 455	14 344	6 901	(D)	(D)	4 920

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>SALES</b>								
Dairy products sold ----- farms, 1987..	7	-	35	14	5	28	17	18
1982..	4	4	58	20	6	54	20	36
\$1,000, 1987..	408	-	1 997	325	402	1 740	443	358
1982..	350	71	2 562	592	336	2 466	840	1 064
Cattle and calves sold ----- farms, 1987..	297	310	353	559	154	272	384	509
1982..	397	433	462	696	251	383	459	671
number, 1987..	31 562	20 913	45 363	29 704	15 218	19 499	26 294	34 964
1982..	39 825	41 623	42 865	47 695	34 448	27 626	52 512	33 611
\$1,000, 1987..	20 154	12 391	29 779	16 397	10 534	12 386	16 562	18 857
1982..	23 173	21 832	23 833	24 070	21 109	16 008	31 407	15 510
1987 farms by number sold:								
1 to 9 ----- farms..	46	81	72	97	47	59	86	83
number..	237	408	350	436	217	276	453	399
10 to 19 ----- farms..	65	68	83	132	36	68	61	88
number..	897	963	1 183	1 918	485	961	865	1 203
20 to 49 ----- farms..	116	95	107	212	36	58	105	186
number..	3 668	2 963	3 272	6 759	1 067	1 765	3 270	5 975
50 to 99 ----- farms..	48	25	41	77	14	29	56	78
number..	3 223	1 549	2 745	5 290	939	2 056	3 843	5 237
100 to 199 ----- farms..	10	17	19	20	11	33	29	41
number..	1 340	2 258	2 632	2 871	1 279	4 629	3 973	5 734
200 to 499 ----- farms..	6	15	16	15	3	21	18	24
number..	1 832	4 055	5 617	4 730	(D)	7 191	5 331	6 866
500 or more ----- farms..	6	9	15	6	7	4	9	9
number..	20 365	8 717	29 564	7 700	(D)	2 621	8 559	9 550
Calves sold ----- farms, 1987..	74	96	63	204	35	56	76	128
1982..	161	144	110	273	50	77	110	243
number, 1987..	1 487	2 094	3 952	5 290	2 318	909	1 319	4 689
1982..	3 232	3 807	4 497	6 838	2 499	1 390	2 575	6 136
\$1,000, 1987..	497	732	1 010	1 844	688	246	437	1 079
1982..	860	1 041	1 136	1 738	475	361	781	1 724
1987 farms by number sold:								
1 to 9 ----- farms..	24	45	26	47	21	26	37	45
number..	104	200	125	174	71	63	159	193
10 to 19 ----- farms..	23	23	15	64	9	19	14	39
number..	315	335	201	923	116	252	179	527
20 to 49 ----- farms..	20	22	14	74	2	7	20	31
number..	579	662	386	2 145	(D)	170	632	918
50 to 99 ----- farms..	7	2	3	13	-	-	4	7
number..	489	(D)	225	840	-	-	(D)	444
100 to 199 ----- farms..	-	2	-	4	-	4	1	5
number..	-	(D)	-	(D)	-	424	(D)	(D)
200 to 499 ----- farms..	-	2	3	2	1	-	-	-
number..	-	(D)	(D)	(D)	(D)	-	-	-
500 or more ----- farms..	-	-	2	-	2	-	-	1
number..	-	-	(D)	-	(D)	-	-	(D)
Cattle sold ----- farms, 1987..	257	258	320	459	142	252	339	450
1982..	326	363	421	581	236	351	409	544
number, 1987..	30 075	18 819	41 411	24 414	12 900	18 590	24 975	30 275
1982..	36 593	37 816	38 368	40 857	31 949	26 236	49 937	27 475
\$1,000, 1987..	19 657	11 660	28 769	14 553	9 846	12 140	16 125	17 778
1982..	22 313	20 791	22 697	22 332	20 634	15 647	30 626	13 786
1987 farms by number sold:								
1 to 9 ----- farms..	45	70	69	130	45	57	89	82
number..	208	285	320	615	198	279	449	386
10 to 19 ----- farms..	49	54	75	88	28	67	51	72
number..	648	730	1 054	1 245	376	932	742	1 007
20 to 49 ----- farms..	104	78	93	149	34	45	96	154
number..	3 263	2 440	2 885	4 718	1 005	1 355	2 933	5 006
50 to 99 ----- farms..	37	19	39	57	16	29	50	75
number..	2 421	1 174	2 612	3 836	1 104	2 027	3 362	5 122
100 to 199 ----- farms..	10	15	18	16	10	29	26	38
number..	1 340	2 004	2 494	2 180	(D)	4 185	3 608	5 315
200 to 499 ----- farms..	6	13	14	13	3	21	18	20
number..	1 832	3 469	4 982	4 120	(D)	7 191	5 322	5 891
500 or more ----- farms..	6	9	12	6	6	4	9	9
number..	20 363	8 717	27 064	7 700	8 246	2 621	8 559	7 548
Cattle fattened on grain and concentrates sold ----- farms, 1987..	109	128	227	146	85	191	236	217
1982..	170	213	283	249	173	238	288	237
number, 1987..	25 352	15 205	36 986	15 303	8 865	15 581	21 153	18 845
1982..	32 211	27 939	29 605	28 231	24 701	21 357	43 880	14 735
\$1,000, 1987..	17 508	9 928	26 625	10 440	6 325	10 598	14 122	12 427
1982..	20 636	16 823	18 547	17 421	15 810	13 499	27 899	8 651
1987 farms by number sold:								
1 to 9 ----- farms..	14	31	53	35	22	45	54	29
number..	68	151	258	138	92	206	269	136
10 to 19 ----- farms..	14	24	40	18	16	47	38	29
number..	189	344	581	241	230	646	546	411
20 to 49 ----- farms..	44	30	64	47	19	32	65	63
number..	1 474	913	1 983	1 473	638	974	1 975	2 074
50 to 99 ----- farms..	21	11	33	18	10	18	36	50
number..	1 410	695	2 170	1 224	690	1 318	2 408	3 510
100 to 199 ----- farms..	7	12	15	12	10	27	18	26
number..	1 009	1 538	2 222	1 805	(D)	3 904	2 637	3 541
200 to 499 ----- farms..	3	11	11	3	3	18	16	14
number..	839	2 869	3 968	3 362	(D)	5 920	4 759	4 350
500 or more ----- farms..	6	9	11	5	5	4	9	6
number..	20 363	8 695	25 804	7 060	5 246	2 613	8 559	4 823

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>SALES</b>								
Dairy products sold ----- farms, 1987--	11	172	10	11	34	222	33	12
1982--	12	243	10	17	72	266	56	21
\$1,000, 1987--	395	7 883	456	500	1 750	11 395	1 909	973
1982--	572	10 623	634	987	2 881	10 813	4 028	1 233
Cattle and calves sold ----- farms, 1987--	378	495	149	410	643	1 056	778	407
1982--	461	648	209	537	768	1 139	992	551
number, 1987--	14 242	19 407	19 543	45 538	41 383	69 925	46 587	15 352
1982--	19 001	26 131	25 605	59 771	57 775	68 265	61 801	21 828
\$1,000, 1987--	7 656	11 296	12 859	29 593	24 533	41 701	27 746	7 925
1982--	9 212	12 770	14 996	35 893	31 736	35 280	33 089	9 847
1987 farms by number sold:								
1 to 9 ----- farms--	100	105	31	62	80	165	141	95
number--	502	565	159	308	395	839	715	478
10 to 19 ----- farms--	82	120	34	63	136	203	179	98
number--	1 100	1 660	504	910	1 942	2 866	2 551	1 384
20 to 49 ----- farms--	107	172	31	104	239	373	233	126
number--	3 271	5 187	926	3 355	7 447	11 872	7 280	3 926
50 to 99 ----- farms--	57	64	18	69	115	172	127	60
number--	3 857	4 124	1 189	4 750	7 812	11 936	8 462	4 041
100 to 199 ----- farms--	21	23	11	55	39	84	48	19
number--	2 604	3 012	1 828	7 705	5 116	10 842	6 278	2 575
200 to 499 ----- farms--	11	7	13	38	23	42	7	7
number--	2 908	1 889	3 398	11 361	6 426	12 137	11 468	(D)
500 or more ----- farms--	-	4	11	19	11	17	8	2
number--	-	2 970	11 539	17 149	12 245	19 433	9 833	(D)
Calves sold ----- farms, 1987--	151	153	31	61	185	308	194	149
1982--	203	215	55	82	253	437	325	231
number, 1987--	2 311	2 208	752	844	4 585	5 905	5 318	3 013
1982--	3 707	3 307	2 575	2 171	6 367	10 108	7 761	4 267
\$1,000, 1987--	680	540	274	267	1 450	1 553	1 334	928
1982--	904	731	775	582	1 728	2 364	2 003	1 095
1987 farms by number sold:								
1 to 9 ----- farms--	71	69	14	29	54	108	58	54
number--	337	296	58	131	267	479	273	283
10 to 19 ----- farms--	43	42	9	14	58	87	61	49
number--	537	572	142	177	795	1 166	808	668
20 to 49 ----- farms--	31	37	5	18	60	96	56	37
number--	879	980	182	536	1 749	2 904	1 663	1 091
50 to 99 ----- farms--	5	4	1	-	8	12	14	7
number--	(D)	(D)	(D)	-	502	685	(D)	(D)
100 to 199 ----- farms--	-	1	2	-	3	5	1	1
number--	-	(D)	(D)	-	(D)	671	(D)	(D)
200 to 499 ----- farms--	1	-	-	-	1	-	3	1
number--	(D)	-	-	-	(D)	-	743	(D)
500 or more ----- farms--	-	-	-	-	1	-	1	-
number--	-	-	-	-	(D)	-	(D)	-
Cattle sold ----- farms, 1987--	300	437	132	382	555	923	684	338
1982--	368	588	186	509	651	952	837	452
number, 1987--	11 931	17 199	18 791	44 694	36 798	64 020	41 269	12 339
1982--	15 294	22 824	23 030	57 600	51 408	58 157	54 040	17 561
\$1,000, 1987--	6 976	10 755	12 584	29 326	23 083	40 148	26 411	6 998
1982--	8 308	12 039	14 222	35 311	30 007	32 916	31 085	8 752
1987 farms by number sold:								
1 to 9 ----- farms--	87	101	27	61	95	169	163	101
number--	381	501	127	298	432	797	432	454
10 to 19 ----- farms--	55	109	28	53	113	176	139	73
number--	756	1 505	401	770	1 594	2 449	1 974	1 030
20 to 49 ----- farms--	80	143	29	90	177	296	182	90
number--	2 461	4 306	826	2 905	5 513	9 383	5 668	2 764
50 to 99 ----- farms--	48	54	15	67	102	150	107	50
number--	3 252	3 437	1 024	4 652	7 014	10 632	7 039	3 382
100 to 199 ----- farms--	20	19	9	54	37	75	47	17
number--	2 503	2 591	1 478	7 591	4 793	9 831	6 095	2 367
200 to 499 ----- farms--	10	7	13	38	21	40	39	5
number--	2 578	1 889	3 396	11 329	5 764	11 495	10 721	(D)
500 or more ----- farms--	4	4	11	19	10	17	7	2
number--	-	2 970	11 539	17 149	11 688	19 433	9 033	(D)
Cattle fattened on grain and concentrates sold ----- farms, 1987--	149	205	92	277	325	503	395	153
1982--	181	222	136	386	363	541	460	203
number, 1987--	7 965	11 842	16 978	38 238	29 173	44 949	31 745	7 677
1982--	10 582	13 830	20 426	50 766	40 658	40 720	39 390	9 539
\$1,000, 1987--	5 178	8 115	11 739	26 192	19 788	31 123	22 168	4 876
1982--	6 351	8 139	12 934	32 168	25 357	25 446	24 761	5 389
1987 farms by number sold:								
1 to 9 ----- farms--	42	43	18	33	41	80	81	41
number--	181	230	94	155	166	402	379	162
10 to 19 ----- farms--	15	43	18	35	47	78	67	22
number--	200	605	250	493	683	1 120	956	318
20 to 49 ----- farms--	40	60	16	67	104	162	107	47
number--	1 210	1 790	489	2 237	3 400	5 119	3 433	1 514
50 to 99 ----- farms--	28	31	12	47	74	86	64	22
number--	2 030	2 025	835	3 353	5 115	6 326	4 285	1 540
100 to 199 ----- farms--	14	17	6	42	30	51	37	16
number--	1 766	2 358	980	5 879	3 966	6 567	5 034	2 273
200 to 499 ----- farms--	10	7	11	37	20	32	3	3
number--	2 578	1 864	2 944	11 057	5 564	8 924	9 325	(D)
500 or more ----- farms--	-	4	11	16	9	14	6	2
number--	-	2 970	11 386	15 064	10 279	16 491	8 333	(D)

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>SALES</b>								
Dairy products sold ----- farms, 1987..	121	133	8	67	31	106	4	9
1982..	124	163	29	83	35	134	1	12
\$1,000, 1987..	4 761	7 119	424	3 324	2 449	4 976	278	757
1982..	4 111	7 025	737	3 378	2 727	5 891	(D)	637
Cattle and calves sold ----- farms, 1987..	697	698	529	437	534	780	230	505
1982..	809	820	656	591	608	892	304	598
number, 1987..	29 315	58 676	21 789	35 345	26 320	33 186	8 978	21 596
1982..	32 854	57 835	30 429	57 637	25 541	33 139	13 610	27 762
\$1,000, 1987..	16 738	36 401	11 886	22 384	14 784	20 228	5 113	9 272
1982..	16 648	30 934	13 946	32 943	13 018	17 582	7 179	11 063
1987 farms by number sold:								
1 to 9 ----- farms..	180	125	104	104	118	253	41	90
number..	912	645	579	531	558	1 251	218	477
10 to 19 ----- farms..	172	115	119	92	128	209	60	113
number..	2 357	1 586	1 623	1 273	1 744	2 865	824	1 623
20 to 49 ----- farms..	226	210	181	120	167	206	77	176
number..	6 965	6 754	5 545	3 815	5 223	6 109	2 410	5 708
50 to 99 ----- farms..	63	125	78	44	70	60	36	83
number..	4 231	8 668	5 263	3 109	4 877	3 846	2 392	5 682
100 to 199 ----- farms..	35	63	37	35	20	35	10	31
number..	(D)	8 730	4 886	4 584	2 817	4 744	1 265	4 067
200 to 499 ----- farms..	15	36	8	28	28	13	5	11
number..	(D)	10 752	(D)	7 748	8 974	3 749	(D)	(D)
500 or more ----- farms..	6	24	2	14	3	4	1	1
number..	6 555	21 541	(D)	14 285	2 127	10 622	(D)	(D)
Calves sold ----- farms, 1987..	241	153	196	109	192	224	63	246
1982..	351	234	271	132	224	328	77	299
number, 1987..	3 550	3 495	4 218	2 683	3 912	3 015	1 427	6 557
1982..	5 415	5 608	5 754	4 138	3 699	4 174	1 552	8 086
\$1,000, 1987..	1 015	935	1 237	589	1 248	765	465	2 078
1982..	1 303	1 377	1 566	1 220	908	933	386	2 066
1987 farms by number sold:								
1 to 9 ----- farms..	111	59	73	47	76	120	20	71
number..	475	236	369	205	310	443	107	325
10 to 19 ----- farms..	67	40	52	27	46	54	10	67
number..	896	538	690	350	585	739	137	932
20 to 49 ----- farms..	52	43	51	26	55	40	28	77
number..	1 457	1 221	1 527	763	1 638	984	785	2 349
50 to 99 ----- farms..	9	7	16	7	9	7	4	19
number..	(D)	425	976	(D)	533	472	(D)	1 289
100 to 199 ----- farms..	2	2	3	-	6	3	1	10
number..	(D)	(D)	(D)	-	846	377	(D)	(D)
200 to 499 ----- farms..	-	2	1	1	-	-	-	2
number..	-	(D)	(D)	(D)	-	-	-	(D)
500 or more ----- farms..	-	-	-	1	-	-	-	-
number..	-	-	-	(D)	-	-	-	-
Cattle sold ----- farms, 1987..	605	647	409	386	456	688	199	399
1982..	651	713	511	545	502	781	293	471
number, 1987..	25 765	55 181	17 571	32 662	22 408	30 171	7 551	15 039
1982..	27 439	52 227	24 675	53 499	21 842	28 965	12 058	19 676
\$1,000, 1987..	15 723	35 466	10 648	21 794	13 536	19 462	4 648	7 194
1982..	15 345	29 556	12 380	31 723	12 110	16 649	6 793	8 996
1987 farms by number sold:								
1 to 9 ----- farms..	201	132	86	99	137	247	52	103
number..	949	657	400	479	547	1 099	273	420
10 to 19 ----- farms..	139	110	75	84	90	172	48	86
number..	1 819	1 532	1 033	1 169	1 249	2 347	647	1 204
20 to 49 ----- farms..	159	178	153	95	171	153	54	126
number..	4 997	5 634	4 733	3 037	4 147	5 053	1 713	3 943
50 to 99 ----- farms..	56	109	56	34	50	48	29	57
number..	3 859	7 684	3 886	2 434	3 528	3 079	1 904	3 835
100 to 199 ----- farms..	30	60	31	34	20	35	11	18
number..	(D)	8 239	4 146	4 410	2 660	(D)	1 385	2 384
200 to 499 ----- farms..	14	34	6	27	25	11	4	8
number..	(D)	9 894	(D)	7 498	8 150	(D)	(D)	(D)
500 or more ----- farms..	6	24	2	13	3	4	1	1
number..	6 549	21 541	(D)	13 635	2 127	10 612	(D)	(D)
Cattle fattened on grain and concentrates sold ----- farms, 1987..	314	360	222	266	252	354	139	95
1982..	321	369	253	369	252	404	180	163
number, 1987..	17 923	43 576	12 047	28 862	17 877	23 528	5 985	6 090
1982..	19 103	39 836	16 301	43 417	16 602	22 018	9 307	8 827
\$1,000, 1987..	12 063	29 615	7 952	20 031	11 550	16 089	3 894	3 416
1982..	11 931	24 298	9 164	27 527	9 959	13 782	5 606	4 872
1987 farms by number sold:								
1 to 9 ----- farms..	74	56	25	62	47	98	31	23
number..	323	286	122	312	179	442	154	97
10 to 19 ----- farms..	69	62	49	46	43	94	33	12
number..	883	867	700	616	595	1 319	429	168
20 to 49 ----- farms..	99	77	82	67	87	85	42	29
number..	3 043	2 476	2 617	2 067	2 762	2 601	1 331	815
50 to 99 ----- farms..	36	73	36	23	33	40	18	17
number..	2 587	5 292	2 462	1 632	2 336	2 555	1 182	1 099
100 to 199 ----- farms..	18	43	22	30	16	24	10	5
number..	(D)	6 040	2 773	3 842	2 219	3 316	1 260	762
200 to 499 ----- farms..	13	26	6	25	23	9	4	8
number..	(D)	7 674	(D)	6 758	7 659	2 683	(D)	(D)
500 or more ----- farms..	5	23	2	13	3	4	1	1
number..	5 327	20 941	(D)	13 635	2 127	10 612	(D)	(D)

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>SALES</b>								
Dairy products sold ----- farms, 1987..	127	5	40	36	14	3	106	6
1982..	178	14	56	62	21	7	128	16
\$1,000, 1987..	5 763	(D)	1 836	1 853	929	117	5 291	167
1982..	7 129	375	2 736	2 917	1 155	265	5 765	356
Cattle and calves sold ----- farms, 1987..	688	697	610	585	471	272	371	335
1982..	905	784	747	737	598	351	454	430
number, 1987..	77 511	24 951	44 124	22 399	27 840	23 337	34 898	31 739
1982..	97 714	38 604	51 330	33 917	35 610	33 254	35 888	46 012
\$1,000, 1987..	50 398	12 392	27 465	11 080	17 309	14 611	21 730	20 299
1982..	57 335	17 387	28 434	15 265	20 169	19 754	20 657	27 930
1987 farms by number sold:								
1 to 9 ----- farms..	105	172	92	147	112	75	69	51
number..	588	868	501	721	580	391	364	285
10 to 19 ----- farms..	125	169	131	146	96	51	61	58
number..	1 798	2 331	1 854	2 031	1 304	737	850	846
20 to 49 ----- farms..	190	238	212	179	161	75	115	107
number..	5 675	7 475	6 656	5 315	4 905	2 276	3 589	3 312
50 to 99 ----- farms..	107	79	81	65	49	38	57	56
number..	7 360	5 417	5 599	4 489	3 321	2 623	4 052	3 918
100 to 199 ----- farms..	80	24	46	29	29	8	28	31
number..	10 992	3 249	6 381	3 768	3 829	1 081	3 919	4 359
200 to 499 ----- farms..	52	12	38	17	16	17	29	21
number..	16 141	3 118	10 541	(D)	4 468	5 663	9 805	6 122
500 or more ----- farms..	29	3	10	2	8	8	12	11
number..	34 957	2 493	12 592	(D)	9 433	10 566	12 319	12 897
Calves sold ----- farms, 1987..	158	303	195	220	116	91	109	89
1982..	190	388	235	324	184	108	150	137
number, 1987..	3 670	5 766	4 577	4 460	1 638	1 765	5 939	2 273
1982..	5 331	9 297	4 408	6 771	2 942	1 999	3 237	4 225
\$1,000, 1987..	1 181	1 901	1 200	1 254	538	425	2 065	591
1982..	1 314	2 624	1 153	1 589	773	517	721	1 081
1987 farms by number sold:								
1 to 9 ----- farms..	69	119	71	107	54	45	40	30
number..	285	543	335	443	222	198	188	114
10 to 19 ----- farms..	39	84	45	48	31	25	33	16
number..	510	1 126	638	663	424	344	445	234
20 to 49 ----- farms..	33	76	59	47	29	13	25	37
number..	874	2 238	1 687	1 376	(D)	356	685	1 139
50 to 99 ----- farms..	9	21	13	9	1	6	5	3
number..	588	1 379	836	579	(D)	(D)	324	211
100 to 199 ----- farms..	7	2	6	7	1	1	2	2
number..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
200 to 499 ----- farms..	-	1	1	2	-	1	2	1
number..	-	(D)	(D)	(D)	-	(D)	(D)	(D)
500 or more ----- farms..	1	-	-	-	-	-	2	-
number..	(D)	-	-	-	-	-	(D)	-
Cattle sold ----- farms, 1987..	620	553	515	483	413	221	337	297
1982..	800	601	637	601	521	295	402	361
number, 1987..	73 841	19 185	39 547	17 939	26 202	21 572	28 959	29 466
1982..	92 383	29 307	46 922	27 146	32 668	31 255	32 651	41 787
\$1,000, 1987..	49 217	10 491	26 264	9 826	16 772	14 187	19 665	19 708
1982..	56 021	14 762	27 281	13 676	19 396	19 237	19 936	26 849
1987 farms by number sold:								
1 to 9 ----- farms..	98	181	104	142	105	69	75	53
number..	519	770	474	604	504	341	346	296
10 to 19 ----- farms..	118	119	92	113	78	29	68	57
number..	1 682	1 661	1 244	1 527	1 043	416	986	802
20 to 49 ----- farms..	155	161	167	134	132	59	78	78
number..	4 707	5 030	5 275	3 990	4 004	1 802	2 467	2 324
50 to 99 ----- farms..	98	62	68	54	47	34	51	49
number..	6 848	4 282	4 826	3 675	3 191	2 308	3 703	3 467
100 to 199 ----- farms..	71	16	39	23	27	6	30	28
number..	9 808	2 144	5 515	2 881	3 559	860	4 185	3 933
200 to 499 ----- farms..	52	11	35	17	16	16	26	22
number..	16 131	2 858	9 621	5 262	4 468	5 279	8 831	6 356
500 or more ----- farms..	28	3	10	-	8	8	9	10
number..	34 146	2 440	12 592	-	9 433	10 566	8 441	12 288
Cattle fattened on grain and concentrates sold ----- farms, 1987..	379	157	310	173	249	107	208	144
1982..	489	210	376	247	330	178	237	178
number, 1987..	59 142	7 828	33 711	9 536	20 085	18 102	24 011	23 626
1982..	75 294	16 694	37 584	14 477	26 118	27 686	27 577	32 115
\$1,000, 1987..	41 788	5 420	23 410	6 124	13 952	12 293	17 290	16 922
1982..	47 661	9 965	23 468	8 551	16 790	17 740	17 671	22 671
1987 farms by number sold:								
1 to 9 ----- farms..	49	43	37	39	55	21	34	15
number..	243	147	164	158	258	99	135	78
10 to 19 ----- farms..	62	31	48	35	39	9	30	18
number..	878	438	679	466	512	140	419	255
20 to 49 ----- farms..	85	49	96	53	83	29	53	34
number..	2 689	1 567	3 055	1 499	2 589	900	1 744	1 022
50 to 99 ----- farms..	70	21	53	19	29	20	39	32
number..	4 909	1 444	3 743	1 368	1 903	1 406	2 852	2 160
100 to 199 ----- farms..	48	6	36	12	25	5	21	16
number..	6 623	824	5 168	1 535	3 272	700	2 926	2 313
200 to 499 ----- farms..	41	5	30	15	11	16	22	19
number..	12 597	(D)	8 310	4 510	3 118	5 278	7 484	5 510
500 or more ----- farms..	24	2	10	7	7	7	9	10
number..	31 203	(D)	12 592	-	8 433	9 579	8 441	12 288

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>SALES</b>								
Dairy products sold ----- farms, 1987..	24	7	29	57	56	9	22	41
1982..	25	15	47	67	78	18	35	76
\$1,000, 1987..	963	397	2 182	1 969	2 055	451	870	2 209
1982..	1 199	601	2 605	2 419	2 051	457	1 044	3 887
Cattle and calves sold ----- farms, 1987..	532	378	381	406	307	611	225	798
1982..	589	486	476	550	396	713	373	1 101
number, 1987..	27 524	23 100	17 106	84 562	28 110	33 468	20 408	91 422
1982..	30 842	40 125	24 825	107 882	45 547	44 386	33 815	114 602
\$1,000, 1987..	12 621	13 426	9 958	56 229	17 821	19 578	13 181	60 132
1982..	11 589	21 564	13 087	65 380	25 843	22 983	19 428	68 420
1987 farms by number sold:								
1 to 9 ----- farms..	98	46	100	83	77	121	51	131
number..	544	236	484	464	409	642	244	667
10 to 19 ----- farms..	108	82	85	78	60	140	38	130
number..	1 501	1 194	1 161	1 061	861	1 988	526	1 832
20 to 49 ----- farms..	174	135	111	100	83	200	54	233
number..	5 344	4 147	3 446	3 151	2 693	6 226	1 703	7 486
50 to 99 ----- farms..	98	68	46	55	25	88	34	138
number..	6 812	4 682	3 032	3 887	1 573	6 237	2 261	9 283
100 to 199 ----- farms..	37	29	23	34	34	33	22	72
number..	4 419	3 750	3 059	4 640	4 466	4 391	2 971	9 490
200 to 499 ----- farms..	12	12	11	37	17	20	15	56
number..	3 530	3 690	2 797	10 951	4 960	6 407	4 769	16 490
500 or more ----- farms..	5	6	5	19	11	9	11	38
number..	5 374	5 401	3 127	60 408	13 148	7 577	7 934	46 174
Calves sold ----- farms, 1987..	245	111	95	94	71	192	24	157
1982..	309	150	161	114	73	233	82	229
number, 1987..	6 489	2 169	2 056	1 805	1 005	4 259	370	3 744
1982..	9 324	4 548	3 406	3 287	2 149	5 402	2 325	6 977
\$1,000, 1987..	2 061	721	620	493	574	1 079	94	1 029
1982..	2 418	1 199	893	887	499	1 444	663	2 122
1987 farms by number sold:								
1 to 9 ----- farms..	78	41	37	44	28	84	8	48
number..	421	175	141	210	140	338	51	238
10 to 19 ----- farms..	52	26	25	17	14	49	9	48
number..	750	344	330	209	191	682	116	635
20 to 49 ----- farms..	78	39	23	27	19	44	6	44
number..	2 248	1 113	649	752	496	1 294	(D)	1 253
50 to 99 ----- farms..	29	3	7	3	6	11	1	11
number..	1 888	(D)	456	248	400	834	(D)	725
100 to 199 ----- farms..	7	1	2	2	3	3	-	4
number..	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
200 to 499 ----- farms..	1	1	1	1	1	-	-	2
number..	(D)	(D)	(D)	(D)	(D)	-	-	(D)
500 or more ----- farms..	-	-	-	-	-	1	-	-
number..	-	-	-	-	-	(D)	-	-
Cattle sold ----- farms, 1987..	412	341	349	361	279	534	211	722
1982..	431	417	404	496	371	628	340	996
number, 1987..	21 035	20 931	15 050	82 682	26 205	29 209	20 038	87 678
1982..	21 518	35 577	21 419	104 595	43 398	38 984	31 490	107 625
\$1,000, 1987..	10 559	12 706	9 338	55 736	17 248	18 499	13 087	59 103
1982..	9 171	20 365	12 194	64 493	25 344	21 539	18 765	66 298
1987 farms by number sold:								
1 to 9 ----- farms..	116	53	104	74	81	121	48	137
number..	484	219	464	396	426	563	212	649
10 to 19 ----- farms..	75	75	76	74	48	120	33	108
number..	1 077	1 088	1 030	996	685	1 674	448	1 512
20 to 49 ----- farms..	109	110	98	77	72	162	48	193
number..	3 436	3 385	3 072	2 418	2 299	5 007	1 507	6 239
50 to 99 ----- farms..	72	64	36	50	23	77	34	122
number..	4 924	4 455	2 470	3 442	1 479	5 471	2 253	8 222
100 to 199 ----- farms..	27	22	18	31	28	27	22	70
number..	3 336	2 983	2 342	4 272	3 650	3 589	2 971	9 193
200 to 499 ----- farms..	8	11	11	36	17	19	16	54
number..	2 404	3 400	3 062	10 751	5 168	6 098	5 221	15 789
500 or more ----- farms..	5	6	4	19	10	8	10	38
number..	5 374	5 401	2 610	60 407	12 498	6 807	7 426	46 074
Cattle fattened on grain and concentrates sold ----- farms, 1987..	99	163	215	243	171	258	154	455
1982..	108	234	263	344	247	329	226	682
number, 1987..	4 843	13 911	10 529	74 482	21 757	22 032	16 661	71 250
1982..	5 868	28 379	17 447	96 010	36 743	28 749	28 287	91 326
\$1,000, 1987..	3 103	9 514	6 978	51 668	15 195	15 248	11 247	50 291
1982..	3 195	17 488	10 607	60 398	22 475	17 493	17 273	59 204
1987 farms by number sold:								
1 to 9 ----- farms..	33	18	56	48	39	29	32	74
number..	182	81	272	241	184	152	156	336
10 to 19 ----- farms..	19	37	38	41	23	45	18	55
number..	259	530	524	543	322	617	214	725
20 to 49 ----- farms..	22	52	66	51	44	92	39	114
number..	719	1 659	2 050	1 743	1 442	2 873	1 248	3 803
50 to 99 ----- farms..	13	31	31	38	23	50	24	75
number..	884	2 237	1 982	2 503	1 444	3 566	1 569	5 236
100 to 199 ----- farms..	7	11	11	22	18	17	20	58
number..	830	1 676	1 487	3 246	2 428	2 347	2 770	7 491
200 to 499 ----- farms..	3	8	11	27	15	17	15	46
number..	(D)	2 327	(D)	8 088	4 339	5 670	4 861	13 980
500 or more ----- farms..	2	6	2	16	9	8	8	33
number..	(D)	5 401	(D)	58 118	11 598	6 807	5 843	39 679

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>SALES</b>								
Dairy products sold ----- farms, 1987	7	11	13	27	11	22	39	23
----- farms, 1982	15	16	27	42	27	29	59	35
----- \$1,000, 1987	329	440	424	1 467	638	1 543	3 911	742
----- \$1,000, 1982	478	887	1 277	1 739	1 217	1 509	4 383	876
Cattle and calves sold ----- farms, 1987	205	287	807	645	521	363	398	627
----- farms, 1982	312	405	1 026	777	610	544	480	805
----- number, 1987	21 944	10 392	77 966	34 068	32 421	61 924	28 129	48 742
----- number, 1982	32 222	13 412	137 209	44 207	41 307	92 619	32 934	64 559
----- \$1,000, 1987	14 502	5 902	49 870	19 454	14 909	38 285	18 414	32 001
----- \$1,000, 1982	19 648	6 765	82 126	21 983	17 394	56 826	20 059	37 295
1987 farms by number sold:								
1 to 9 ----- farms	52	111	175	89	60	72	104	89
----- number	240	559	835	439	320	395	524	447
10 to 19 ----- farms	46	68	153	123	84	71	82	116
----- number	645	894	2 161	1 795	1 240	999	1 150	1 628
20 to 49 ----- farms	39	69	213	246	177	93	116	224
----- number	1 158	1 984	6 732	7 841	5 968	2 927	3 716	7 139
50 to 99 ----- farms	22	17	122	108	125	47	39	103
----- number	1 569	1 190	8 297	7 367	8 509	3 299	2 709	7 018
100 to 199 ----- farms	23	13	55	55	42	27	26	59
----- number	3 134	1 809	7 241	7 408	5 638	3 962	3 317	7 841
200 to 499 ----- farms	13	5	57	19	30	22	19	23
----- number	4 224	1 657	16 146	5 834	8 912	6 626	5 558	6 660
500 or more ----- farms	10	4	32	5	3	31	12	13
----- number	10 974	2 299	36 554	3 384	1 834	43 716	11 155	18 009
Calves sold ----- farms, 1987	53	84	179	208	220	74	77	112
----- farms, 1982	61	137	228	248	248	118	103	191
----- number, 1987	416	1 045	4 309	4 290	6 994	1 352	1 182	1 514
----- number, 1982	1 222	1 990	4 545	5 776	8 717	2 998	1 480	5 450
----- \$1,000, 1987	130	296	1 515	1 434	2 318	342	243	443
----- \$1,000, 1982	327	461	1 194	1 522	2 443	826	279	1 662
1987 farms by number sold:								
1 to 9 ----- farms	35	46	73	78	63	31	37	50
----- number	132	179	333	276	260	135	148	210
10 to 19 ----- farms	13	23	46	62	50	21	21	34
----- number	166	298	632	847	740	289	284	445
20 to 49 ----- farms	5	12	36	53	67	18	16	26
----- number	118	297	1 042	1 591	2 184	516	476	(D)
50 to 99 ----- farms	-	2	17	12	31	3	2	2
----- number	-	(D)	1 118	726	2 003	(D)	(D)	(D)
100 to 199 ----- farms	-	1	3	-	6	-	1	-
----- number	-	(D)	(D)	-	695	-	(D)	-
200 to 499 ----- farms	-	-	1	3	2	1	-	-
----- number	-	-	(D)	850	(D)	(D)	-	-
500 or more ----- farms	-	-	1	-	1	-	-	-
----- number	-	-	(D)	-	(D)	-	-	-
Cattle sold ----- farms, 1987	186	254	723	557	432	330	355	576
----- farms, 1982	285	343	920	658	491	486	437	709
----- number, 1987	21 528	9 347	73 657	29 778	25 427	60 572	26 947	47 228
----- number, 1982	31 000	11 422	132 664	38 431	32 590	89 621	31 454	59 109
----- \$1,000, 1987	14 372	5 606	46 355	18 020	12 592	37 943	18 170	31 558
----- \$1,000, 1982	19 321	6 304	80 932	20 461	14 951	56 000	19 780	35 633
1987 farms by number sold:								
1 to 9 ----- farms	52	112	171	99	86	73	92	89
----- number	265	511	801	468	367	369	459	458
10 to 19 ----- farms	38	50	124	98	71	58	72	101
----- number	530	644	1 738	1 373	995	800	985	1 428
20 to 49 ----- farms	28	56	187	200	119	79	99	199
----- number	841	1 594	6 076	6 482	3 964	2 391	3 177	6 545
50 to 99 ----- farms	22	16	106	83	92	41	37	92
----- number	1 560	1 111	7 287	5 838	6 211	2 935	2 586	6 294
100 to 199 ----- farms	23	11	48	57	34	27	24	59
----- number	3 134	1 538	6 231	7 775	4 682	3 961	3 027	7 834
200 to 499 ----- farms	13	5	55	16	28	21	19	23
----- number	4 224	1 650	15 640	4 963	(D)	6 407	5 558	6 660
500 or more ----- farms	10	4	32	4	2	31	12	13
----- number	10 974	2 299	35 884	2 879	(D)	43 709	11 155	18 009
Cattle fattened on grain and concentrates sold ----- farms, 1987	113	124	460	292	121	210	268	373
----- farms, 1982	187	158	608	365	137	358	317	450
----- number, 1987	19 311	6 362	65 455	18 354	9 408	53 509	24 293	39 355
----- number, 1982	25 385	7 697	118 689	24 299	11 900	80 322	27 597	48 420
----- \$1,000, 1987	13 204	4 241	44 427	12 517	5 670	34 407	16 687	27 701
----- \$1,000, 1982	16 410	4 782	74 692	14 699	6 741	51 406	17 942	30 585
1987 farms by number sold:								
1 to 9 ----- farms	20	46	83	37	13	37	54	47
----- number	104	176	322	183	50	197	284	240
10 to 19 ----- farms	18	20	64	43	23	34	58	52
----- number	256	262	906	612	329	502	797	733
20 to 49 ----- farms	16	32	113	114	29	44	73	120
----- number	562	917	3 795	3 644	1 022	1 337	2 271	3 973
50 to 99 ----- farms	16	10	80	49	31	29	33	73
----- number	1 149	715	5 521	3 540	2 022	1 995	2 295	5 084
100 to 199 ----- farms	22	10	39	36	12	20	21	48
----- number	3 005	(D)	5 267	5 135	1 697	3 025	2 679	6 459
200 to 499 ----- farms	12	2	51	10	12	18	18	21
----- number	3 761	(D)	14 919	3 262	(D)	5 669	5 312	6 064
500 or more ----- farms	9	4	30	3	1	28	11	12
----- number	10 474	2 299	34 725	1 978	(D)	40 784	10 655	16 802

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>SALES</b>								
Dairy products sold								
farms, 1987	182	12	50	6	9	23	16	29
farms, 1982	258	14	56	15	11	41	18	45
\$1,000, 1987	14 176	1 242	2 398	201	205	519	729	1 553
farms, 1982	15 568	1 140	2 425	338	331	696	625	2 480
Cattle and calves sold								
farms, 1987	947	281	721	511	473	490	478	780
farms, 1982	1 239	370	875	636	568	598	545	905
number, 1987	257 632	26 698	33 299	21 884	24 816	16 457	16 479	25 175
number, 1982	281 019	24 715	46 145	31 932	34 352	21 445	20 805	33 638
\$1,000, 1987	173 008	17 669	18 728	10 769	11 903	7 133	8 400	12 591
farms, 1982	175 356	15 244	22 658	13 945	15 701	8 314	8 528	14 379
1987 farms by number sold:								
1 to 9	farms... 136	79	133	75	87	114	158	233
number...	701	377	673	364	405	553	745	1 108
10 to 19	farms... 121	54	183	118	87	113	113	183
number...	1 655	763	2 584	1 682	1 268	1 580	1 538	2 516
20 to 49	farms... 205	74	255	174	140	164	138	242
number...	6 249	2 185	8 031	5 580	4 608	5 035	4 343	7 457
50 to 99	farms... 137	30	93	96	89	75	44	85
number...	9 405	2 086	6 357	6 400	5 965	4 919	3 074	5 519
100 to 199	farms... 107	19	34	40	53	18	11	23
number...	14 986	2 514	4 715	5 216	6 706	2 265	1 464	3 122
200 to 499	farms... 111	16	19	7	13	5	11	12
number...	34 203	4 985	5 729	(D)	3 284	(D)	3 108	(D)
500 or more	farms... 130	4	4	1	4	1	3	2
number...	190 433	13 788	5 210	(D)	2 580	(D)	2 207	(D)
Calves sold								
farms, 1987	211	61	208	194	180	265	208	297
farms, 1982	237	86	280	229	237	340	239	460
number, 1987	6 902	881	3 880	5 006	4 803	5 250	2 748	4 971
number, 1982	8 464	1 357	6 596	5 802	7 838	6 488	4 014	9 130
\$1,000, 1987	1 968	254	1 200	1 456	1 754	1 706	904	1 630
farms, 1982	2 011	437	1 734	1 496	2 137	1 601	1 084	2 195
1987 farms by number sold:								
1 to 9	farms... 73	35	81	51	65	100	113	134
number...	290	160	368	198	292	465	471	614
10 to 19	farms... 54	9	67	53	43	64	53	62
number...	680	122	939	770	579	915	729	835
20 to 49	farms... 59	15	47	59	47	77	34	86
number...	1 705	(D)	1 458	1 763	1 408	2 228	1 033	2 530
50 to 99	farms... 12	2	10	27	17	21	7	14
number...	695	(D)	615	1 665	1 146	(D)	(D)	(D)
100 to 199	farms... 5	-	2	3	7	3	1	1
number...	699	(D)	(D)	(D)	(D)	(D)	(D)	(D)
200 to 499	farms... 6	-	1	1	-	-	-	-
number...	(D)	(D)	(D)	(D)	-	-	-	-
500 or more	farms... 2	-	-	-	1	-	-	-
number...	(D)	-	-	-	(D)	-	-	-
Cattle sold								
farms, 1987	855	254	619	412	395	368	376	651
farms, 1982	1 126	336	748	520	460	438	450	679
number, 1987	250 730	25 817	29 419	16 878	20 013	11 207	13 731	20 204
number, 1982	272 555	23 358	39 549	26 130	26 514	14 957	16 591	24 508
\$1,000, 1987	171 040	17 415	17 528	9 312	10 148	5 427	7 496	10 962
farms, 1982	173 345	14 807	20 923	12 449	13 563	6 713	7 445	12 184
1987 farms by number sold:								
1 to 9	farms... 131	70	137	91	94	126	134	245
number...	670	298	663	391	407	504	565	1 022
10 to 19	farms... 98	50	149	87	68	73	85	136
number...	1 327	691	2 086	1 210	977	989	1 160	1 818
20 to 49	farms... 171	86	199	124	104	109	100	173
number...	5 144	1 947	6 303	3 927	3 550	3 466	3 101	5 201
50 to 99	farms... 118	24	82	71	70	44	32	62
number...	8 182	1 698	5 613	4 856	4 634	2 932	2 282	3 978
100 to 199	farms... 100	20	30	32	45	11	12	22
number...	13 865	2 652	4 144	4 149	5 560	1 442	1 612	2 993
200 to 499	farms... 110	15	18	8	11	4	10	11
number...	33 865	4 743	5 400	(D)	2 805	(D)	2 818	(D)
500 or more	farms... 127	9	4	1	3	1	3	2
number...	187 677	13 788	5 210	(D)	2 080	(D)	2 193	(D)
Cattle fattened on grain and concentrates sold								
farms, 1987	567	159	330	129	97	104	130	222
farms, 1982	807	220	444	211	159	115	152	250
number, 1987	216 084	21 030	19 626	6 150	6 303	4 055	6 766	9 551
number, 1982	247 159	18 564	29 389	12 459	13 601	6 047	7 469	14 061
\$1,000, 1987	149 468	14 648	13 097	4 275	4 048	2 386	4 361	6 148
farms, 1982	160 019	12 193	16 674	7 201	8 226	3 324	4 134	8 295
1987 farms by number sold:								
1 to 9	farms... 68	35	62	14	16	27	46	75
number...	335	156	287	61	55	125	182	268
10 to 19	farms... 42	31	71	23	12	13	22	32
number...	588	419	957	294	162	161	302	451
20 to 49	farms... 104	38	112	60	25	44	34	72
number...	3 174	1 214	3 511	1 799	913	1 430	1 064	2 169
50 to 99	farms... 72	18	47	18	25	12	12	24
number...	5 013	1 221	3 195	1 184	1 676	867	930	1 539
100 to 199	farms... 74	16	21	11	12	6	5	14
number...	10 193	2 317	2 736	1 438	1 388	(D)	599	2 061
200 to 499	farms... 94	13	14	2	6	2	10	4
number...	29 687	3 915	4 340	(D)	(D)	(D)	(D)	(D)
500 or more	farms... 113	8	3	1	1	-	1	1
number...	167 094	11 788	4 600	(D)	(D)	-	(D)	(D)

**Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>SALES</b>								
Dairy products sold ----- farms, 1987 ..	48	18	5	47	572	14	29	9
----- farms, 1982 ..	57	32	10	52	719	33	43	11
----- \$1,000, 1987 ..	1 419	784	296	1 742	35 091	285	1 314	334
----- \$1,000, 1982 ..	1 450	1 175	648	(D)	39 266	1 082	2 059	363
Cattle and calves sold ----- farms, 1987 ..	488	522	225	185	1 236	609	229	155
----- farms, 1982 ..	595	620	351	226	1 399	854	281	228
----- number, 1987 ..	20 410	25 717	9 297	7 022	50 360	76 149	10 451	13 914
----- number, 1982 ..	32 001	35 833	21 165	10 411	56 641	95 473	21 616	20 685
----- \$1,000, 1987 ..	12 043	12 099	5 171	3 721	26 527	49 702	6 903	8 919
----- \$1,000, 1982 ..	16 568	13 582	10 052	5 539	24 551	54 838	11 186	12 378
1987 farms by number sold:								
1 to 9 ----- farms ..	107	82	83	43	202	106	66	38
----- number ..	527	408	425	235	1 061	549	333	214
10 to 19 ----- farms ..	108	87	51	49	273	116	59	35
----- number ..	1 500	1 241	689	693	3 919	1 622	793	494
20 to 49 ----- farms ..	158	190	49	51	498	201	72	36
----- number ..	4 792	6 054	1 436	1 582	15 298	6 265	2 191	1 122
50 to 99 ----- farms ..	66	117	21	12	186	78	16	19
----- number ..	4 494	7 959	1 369	853	12 405	5 422	1 054	1 222
100 to 199 ----- farms ..	37	35	14	5	55	48	10	8
----- number ..	4 901	4 757	1 873	716	6 606	6 365	1 488	1 095
200 to 499 ----- farms ..	9	8	5	3	18	35	5	11
----- number ..	2 369	2 274	(D)	(D)	5 286	10 357	(D)	3 221
500 or more ----- farms ..	3	3	2	2	4	25	1	8
----- number ..	1 827	3 024	(D)	(D)	5 785	45 569	(D)	6 546
Calves sold ----- farms, 1987 ..	139	236	55	59	506	140	51	38
----- farms, 1982 ..	206	308	142	84	627	259	78	38
----- number, 1987 ..	2 245	7 322	880	893	9 437	3 540	626	828
----- number, 1982 ..	4 224	9 818	2 826	1 243	12 010	5 518	1 659	946
----- \$1,000, 1987 ..	662	2 701	209	218	2 308	1 207	154	255
----- \$1,000, 1982 ..	1 127	2 470	575	297	2 626	1 456	377	227
1987 farms by number sold:								
1 to 9 ----- farms ..	59	66	32	21	163	50	29	14
----- number ..	221	299	149	106	790	227	125	66
10 to 19 ----- farms ..	40	53	10	29	169	32	12	12
----- number ..	531	767	122	388	2 288	429	(D)	164
20 to 49 ----- farms ..	32	76	7	8	140	44	7	7
----- number ..	964	2 320	214	(D)	3 823	1 274	(D)	212
50 to 99 ----- farms ..	7	31	6	-	27	7	3	4
----- number ..	(D)	2 058	395	-	1 645	466	166	(D)
100 to 199 ----- farms ..	1	8	-	-	6	5	-	1
----- number ..	(D)	(D)	-	-	(D)	(D)	-	(D)
200 to 499 ----- farms ..	-	1	-	1	1	2	-	-
----- number ..	-	(D)	-	(D)	(D)	(D)	-	-
500 or more ----- farms ..	-	1	-	-	-	-	-	-
----- number ..	-	(D)	-	-	-	-	-	-
Cattle sold ----- farms, 1987 ..	421	418	201	149	1 085	545	210	140
----- farms, 1982 ..	501	476	285	199	1 221	724	252	210
----- number, 1987 ..	18 165	18 395	8 417	6 129	40 923	72 609	9 825	13 086
----- number, 1982 ..	27 777	26 015	18 339	9 168	44 631	89 955	19 957	19 739
----- \$1,000, 1987 ..	11 381	9 399	4 962	3 503	24 219	48 495	6 749	8 664
----- \$1,000, 1982 ..	15 442	11 112	9 477	5 243	21 925	53 382	10 809	12 151
1987 farms by number sold:								
1 to 9 ----- farms ..	112	107	83	51	280	105	66	43
----- number ..	550	464	399	256	1 325	505	307	230
10 to 19 ----- farms ..	77	69	38	39	237	96	54	27
----- number ..	1 046	960	524	542	3 338	1 352	721	374
20 to 49 ----- farms ..	128	126	46	39	368	173	61	30
----- number ..	3 805	4 093	1 343	1 158	11 213	5 462	1 853	931
50 to 99 ----- farms ..	56	86	13	11	133	73	13	14
----- number ..	3 905	5 721	850	742	8 925	4 964	864	919
100 to 199 ----- farms ..	37	23	15	5	49	40	10	8
----- number ..	4 891	3 248	2 009	716	5 946	5 248	1 488	1 098
200 to 499 ----- farms ..	8	5	4	2	14	33	5	10
----- number ..	2 141	(D)	(D)	(D)	4 391	9 755	(D)	2 988
500 or more ----- farms ..	3	2	2	2	4	25	1	8
----- number ..	1 827	(D)	(D)	(D)	5 785	45 323	(D)	6 546
Cattle fattened on grain and concentrates sold ----- farms, 1987 ..	267	113	110	86	354	296	138	98
----- farms, 1982 ..	325	128	166	115	369	391	165	143
----- number, 1987 ..	14 098	6 695	6 681	3 323	20 607	62 836	8 037	11 619
----- number, 1982 ..	21 351	5 853	14 135	7 350	21 405	73 305	11 735	17 227
----- \$1,000, 1987 ..	9 402	4 110	4 115	2 157	13 799	43 803	5 629	8 020
----- \$1,000, 1982 ..	12 716	3 207	7 665	4 443	12 312	46 551	7 458	11 098
1987 farms by number sold:								
1 to 9 ----- farms ..	63	29	41	27	71	42	44	27
----- number ..	270	99	203	113	354	200	214	153
10 to 19 ----- farms ..	41	15	21	19	74	43	32	18
----- number ..	559	201	285	264	1 050	563	447	262
20 to 49 ----- farms ..	76	40	18	28	122	96	42	18
----- number ..	2 269	1 294	539	828	3 717	2 947	1 274	569
50 to 99 ----- farms ..	48	20	10	5	48	37	8	11
----- number ..	3 391	1 294	646	362	3 211	2 636	601	753
100 to 199 ----- farms ..	28	4	14	4	23	24	6	8
----- number ..	3 675	658	1 813	591	2 824	3 246	909	1 090
200 to 499 ----- farms ..	8	3	4	2	12	30	5	9
----- number ..	2 107	(D)	(D)	(D)	3 666	8 571	(D)	2 746
500 or more ----- farms ..	3	2	2	1	4	24	1	7
----- number ..	1 827	(D)	(D)	(D)	5 785	44 673	(D)	6 046

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>INVENTORY</b>							
Hogs and pigs ----- farms, 1987..	36 670	380	212	410	132	348	545
1982..	45 768	512	304	452	195	433	678
number, 1987..	12 983 074	85 504	55 648	113 528	16 079	128 623	172 273
1982..	14 332 644	112 699	73 383	111 513	24 140	147 503	204 459
Farms by inventory:							
1 to 24 ----- farms, 1987..	3 530	45	21	46	38	22	43
1982..	4 636	51	39	58	46	32	48
number, 1987..	42 649	541	235	539	350	265	586
1982..	55 308	606	470	761	453	453	604
25 to 49 ----- farms, 1987..	2 560	28	22	33	24	21	42
1982..	3 419	37	33	35	23	32	44
number, 1987..	91 005	1 060	769	1 152	774	750	1 525
1982..	121 726	1 356	1 131	1 181	773	1 124	1 588
50 to 99 ----- farms, 1987..	4 220	59	36	63	21	41	76
1982..	5 723	89	35	72	51	58	95
number, 1987..	299 808	4 098	2 705	4 558	1 557	2 825	5 382
1982..	407 805	6 469	2 470	5 189	3 456	4 205	6 486
100 to 199 ----- farms, 1987..	6 766	97	35	87	22	78	109
1982..	9 005	126	72	104	43	76	138
number, 1987..	951 249	13 620	5 219	12 072	3 318	11 351	15 569
1982..	1 249 137	17 454	9 544	14 247	5 736	10 569	18 645
200 to 499 ----- farms, 1987..	11 269	110	66	117	21	105	159
1982..	13 906	155	91	119	21	146	223
number, 1987..	3 523 643	32 212	(D)	35 203	6 023	33 591	49 837
1982..	4 276 523	47 221	27 556	36 999	5 475	45 187	69 044
500 to 999 ----- farms, 1987..	5 768	31	49	49	6	54	89
1982..	6 612	45	24	52	10	82	104
number, 1987..	3 837 424	20 456	(D)	32 463	4 057	37 160	58 457
1982..	4 358 898	27 528	14 722	34 471	(D)	41 546	68 542
1,000 or more ----- farms, 1987..	2 557	10	5	15	-	27	27
1982..	2 467	9	10	12	-	27	26
number, 1987..	4 237 296	13 517	9 939	27 541	-	42 681	40 917
1982..	3 863 247	12 065	17 490	18 665	(D)	44 419	39 550
Hogs and pigs used or to be used for breeding ----- farms, 1987..	26 944	278	173	343	88	246	389
1982..	34 170	403	213	372	142	303	509
number, 1987..	1 657 873	11 634	7 888	15 920	1 970	15 591	20 836
1982..	1 700 805	14 530	8 697	15 012	3 090	15 897	25 271
1987 farms by inventory:							
1 to 24 ----- farms..	8 545	118	66	141	64	71	123
25 to 49 ----- farms..	6 939	75	54	99	13	66	94
50 to 99 ----- farms..	6 848	61	39	66	8	67	124
100 or more ----- farms..	4 612	24	14	37	3	42	48
number, 1987..	842 921	3 599	2 524	6 102	344	7 844	7 827
Other hogs and pigs ----- farms, 1987..	35 152	365	196	394	117	329	527
1982..	43 491	482	283	427	186	410	658
number, 1987..	11 325 201	73 870	47 760	97 608	14 109	113 032	151 437
1982..	12 631 839	98 169	64 686	96 501	21 050	131 606	179 188
<b>LITTERS</b>							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	28 037	293	179	357	97	259	408
1982..	35 737	424	235	385	150	320	538
number, 1987..	2 495 867	16 889	10 402	21 643	2 993	23 662	30 585
1982..	2 548 849	21 387	11 846	23 035	4 622	24 652	35 774
Dec. 1 of preceding year and May 31 ----- farms, 1987..	26 110	268	170	323	85	254	382
1982..	32 787	394	211	355	129	299	491
number, 1987..	1 251 973	8 453	5 208	10 801	1 500	12 306	15 550
1982..	1 278 535	10 452	5 889	11 607	2 383	12 563	17 782
June 1 and Nov. 30 ----- farms, 1987..	25 992	258	163	327	80	234	373
1982..	32 268	372	206	340	125	286	472
number, 1987..	1 243 894	8 436	5 194	10 842	1 493	11 356	15 035
1982..	1 270 314	10 935	5 957	11 428	2 239	12 089	17 992
<b>SALES</b>							
Hogs and pigs sold ----- farms, 1987..	38 638	395	229	426	143	361	573
1982..	49 012	543	335	484	209	476	748
number, 1987..	23 483 812	152 345	88 680	169 181	31 233	238 820	296 578
1982..	23 801 117	171 719	115 733	203 344	35 133	257 140	309 340
\$1,000, 1987..	2 494 231	16 454	9 332	17 951	3 207	23 803	33 721
1982..	2 550 488	18 558	12 676	19 144	3 614	26 109	34 351
1987 farms by number sold:							
1 to 24 ----- farms..	2 320	19	13	31	22	9	30
number..	28 689	217	142	367	229	117	450
25 to 49 ----- farms..	2 040	27	14	17	24	15	39
number..	72 957	903	485	587	889	517	1 407
50 to 99 ----- farms..	3 389	52	32	49	23	32	51
number..	244 473	3 964	2 304	3 330	1 673	2 220	3 804
100 to 199 ----- farms..	5 290	71	39	88	27	58	84
number..	747 604	9 820	5 466	12 986	(D)	8 392	11 747
200 to 499 ----- farms..	10 628	117	78	133	29	93	155
number..	3 394 492	35 870	24 626	40 344	(D)	29 629	48 965
500 to 999 ----- farms..	8 115	80	40	71	13	85	126
number..	5 645 377	53 489	27 054	50 585	8 799	57 614	88 360
1,000 or more ----- farms..	6 856	29	13	37	5	69	88
number..	13 350 220	48 082	28 603	60 982	7 140	140 331	141 845
Feeder pigs sold ----- farms, 1987..	8 972	69	46	127	32	82	96
1982..	10 819	112	61	140	44	106	128
number, 1987..	4 460 979	23 782	12 988	40 606	4 951	60 512	39 515
1982..	4 308 866	26 965	15 608	70 155	5 293	57 201	42 160
\$1,000, 1987..	209 249	1 137	519	1 919	209	2 749	1 892
1982..	207 325	1 269	904	3 293	221	2 498	2 173
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	36 810	380	219	397	131	342	560
1982..	46 466	509	320	453	190	451	727
number, 1987..	19 022 833	128 583	75 692	128 575	26 282	178 308	257 063
1982..	19 492 251	144 754	100 125	133 189	29 840	199 939	267 180
\$1,000, 1987..	2 284 913	15 317	8 813	16 033	2 988	21 054	31 828
1982..	2 343 163	17 288	11 773	15 852	3 394	23 611	32 177

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butter	Calhoun
<b>INVENTORY</b>							
Hogs and pigs ----- farms, 1987..	392	257	343	553	432	532	262
1982..	436	344	429	611	525	665	416
number, 1987..	162 483	90 597	93 085	190 879	212 076	192 796	104 890
1982..	137 758	103 934	99 410	195 143	220 793	201 770	125 520
Farms by inventory:							
1 to 24 ----- farms, 1987..	32	38	45	68	21	56	29
1982..	50	43	50	73	31	67	48
number, 1987..	388	313	569	787	293	685	394
1982..	638	534	543	832	419	771	568
25 to 49 ----- farms, 1987..	27	21	34	45	17	29	9
1982..	33	30	49	45	17	31	21
number, 1987..	969	768	1 141	1 625	600	1 011	320
1982..	1 215	971	1 706	1 649	633	1 090	676
50 to 99 ----- farms, 1987..	44	24	55	70	36	51	24
1982..	61	46	70	86	58	80	69
number, 1987..	3 200	1 752	3 707	4 867	2 550	3 456	1 807
1982..	4 280	3 289	4 926	6 487	4 288	5 792	4 972
100 to 199 ----- farms, 1987..	54	38	60	102	87	157	37
1982..	72	65	91	118	100	88	71
number, 1987..	7 688	5 331	8 581	14 335	9 689	12 257	5 284
1982..	9 652	9 266	12 272	16 960	14 208	21 427	9 193
200 to 499 ----- farms, 1987..	125	80	88	134	134	189	90
1982..	131	84	112	156	162	198	122
number, 1987..	38 485	24 104	27 165	42 515	45 087	60 874	28 192
1982..	41 807	25 457	32 964	50 112	51 931	61 296	37 752
500 to 999 ----- farms, 1987..	74	38	44	90	107	74	45
1982..	68	55	43	95	109	99	61
number, 1987..	51 098	24 816	28 375	61 029	70 960	46 348	30 492
1982..	44 581	35 881	27 966	61 904	72 690	64 288	41 373
1,000 or more ----- farms, 1987..	36	18	17	44	50	45	28
1982..	21	18	14	38	48	33	24
number, 1987..	80 655	33 513	23 547	65 721	82 917	68 165	38 401
1982..	35 585	28 516	19 033	57 189	76 624	47 106	30 986
Hogs and pigs used or to be used for breeding ----- farms, 1987..	247	168	241	410	303	357	188
1982..	282	242	316	476	375	462	276
number, 1987..	15 594	9 757	12 489	25 546	24 975	22 634	11 219
1982..	14 038	11 857	11 996	22 965	24 435	22 156	13 293
1987 farms by inventory:							
1 to 24 ----- farms..	72	60	99	147	48	105	63
25 to 49 ----- farms..	62	49	51	101	68	91	35
50 to 99 ----- farms..	71	39	60	102	103	103	58
100 or more ----- farms..	42	20	31	60	84	58	32
number, 1987..	7 474	4 766	5 554	13 263	14 978	11 449	5 154
Other hogs and pigs ----- farms, 1987..	371	249	327	521	419	511	246
1982..	418	318	410	571	511	640	393
number, 1987..	146 889	80 840	80 596	165 333	187 101	170 162	93 671
1982..	123 720	92 077	87 414	172 178	196 358	179 614	112 227
<b>LITTERS</b>							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	268	176	259	428	312	375	196
1982..	298	252	330	487	387	482	295
number, 1987..	24 776	16 420	17 916	37 903	39 255	33 650	18 430
1982..	20 478	16 913	18 180	37 180	38 569	31 145	19 781
Dec. 1 of preceding year and May 31 ----- farms, 1987..	250	164	233	392	302	344	189
1982..	272	216	290	445	358	438	271
number, 1987..	12 525	8 201	8 701	19 014	19 725	16 776	9 310
1982..	10 002	8 424	8 860	18 664	19 025	15 671	10 020
June 1 and Nov. 30 ----- farms, 1987..	249	154	236	399	294	356	181
1982..	270	224	298	455	362	430	265
number, 1987..	12 251	8 219	9 215	18 889	19 530	16 874	9 120
1982..	10 476	8 489	9 320	18 516	19 544	15 474	9 761
<b>SALES</b>							
Hogs and pigs sold ----- farms, 1987..	416	270	366	574	468	562	295
1982..	473	362	472	652	566	720	449
number, 1987..	275 866	177 753	180 944	373 171	388 304	367 816	203 838
1982..	232 341	186 624	173 871	339 428	383 355	330 621	212 202
\$1,000, 1987..	30 363	18 559	18 688	37 214	42 058	38 444	21 710
1982..	25 585	20 459	18 698	35 592	41 111	35 972	22 318
1987 farms by number sold:							
1 to 24 ----- farms..	23	29	37	39	16	35	13
number..	251	251	419	448	262	458	243
25 to 49 ----- farms..	26	14	24	32	21	28	10
number..	962	474	894	1 107	744	999	393
50 to 99 ----- farms..	36	18	39	55	28	53	26
number..	2 615	1 248	2 773	4 095	1 991	3 775	1 949
100 to 199 ----- farms..	49	28	55	68	38	66	29
number..	7 177	4 230	7 878	9 966	5 575	9 232	4 207
200 to 499 ----- farms..	97	77	93	160	119	153	68
number..	32 366	23 774	30 411	53 385	40 674	50 398	22 504
500 to 999 ----- farms..	101	52	63	102	112	110	78
number..	71 376	35 644	42 742	71 500	79 982	75 879	54 678
1,000 or more ----- farms..	84	52	55	118	134	117	71
number..	161 119	112 132	95 827	232 670	259 076	227 075	119 864
Feeder pigs sold ----- farms, 1987..	104	49	101	188	99	131	62
1982..	98	86	110	187	100	154	98
number, 1987..	38 686	41 969	33 727	100 752	64 412	68 609	35 134
1982..	28 212	33 483	27 268	77 733	67 744	51 976	33 507
\$1,000, 1987..	1 850	2 247	1 559	4 100	3 066	3 055	1 657
1982..	1 287	1 805	1 286	3 403	3 447	2 528	1 660
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	398	261	351	527	450	543	280
1982..	459	349	447	595	544	685	428
number, 1987..	237 180	135 784	147 217	272 419	323 892	299 207	168 704
1982..	204 129	153 141	146 603	261 695	315 611	278 645	178 695
\$1,000, 1987..	28 513	16 311	17 129	33 114	38 991	35 389	20 053
1982..	24 299	18 654	17 412	32 189	37 664	33 444	20 659

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY</b>							
Hogs and pigs ----- farms, 1987..	688	336	490	287	449	387	194
----- farms, 1982..	760	436	605	375	557	448	260
----- number, 1987..	277 305	93 655	206 391	118 772	177 791	129 308	39 709
----- number, 1982..	266 211	122 853	213 087	157 392	202 185	139 709	49 394
Farms by inventory:							
1 to 24 ----- farms, 1987..	27	41	24	34	29	32	33
----- farms, 1982..	32	36	53	44	32	46	44
----- number, 1987..	363	476	281	467	333	399	418
----- number, 1982..	327	503	732	548	425	606	520
25 to 49 ----- farms, 1987..	25	27	17	21	17	25	18
----- farms, 1982..	30	40	32	26	17	48	30
----- number, 1987..	929	953	586	739	644	830	603
----- number, 1982..	1 034	1 450	1 160	905	555	1 699	1 123
50 to 99 ----- farms, 1987..	66	46	42	27	36	65	38
----- farms, 1982..	60	57	58	42	51	52	40
----- number, 1987..	4 582	3 169	3 204	1 917	2 586	4 475	2 725
----- number, 1982..	4 049	4 120	4 322	3 045	3 749	3 718	3 032
100 to 199 ----- farms, 1987..	111	62	96	41	80	81	40
----- farms, 1982..	166	109	102	51	111	94	60
----- number, 1987..	15 268	8 613	13 480	5 750	10 987	11 321	5 648
----- number, 1982..	22 968	15 512	14 324	7 003	15 347	13 196	8 226
200 to 499 ----- farms, 1987..	243	98	191	89	157	103	44
----- farms, 1982..	288	129	227	120	198	124	60
----- number, 1987..	76 241	30 867	58 167	27 937	48 538	31 999	13 758
----- number, 1982..	87 223	38 849	70 005	37 118	61 018	37 444	17 130
500 to 999 ----- farms, 1987..	164	46	85	55	96	53	18
----- farms, 1982..	144	52	95	61	111	51	22
----- number, 1987..	106 545	30 092	56 863	34 767	64 499	34 796	13 107
----- number, 1982..	96 059	32 810	64 011	43 518	71 761	33 465	(D)
1,000 or more ----- farms, 1987..	52	16	35	20	34	28	3
----- farms, 1982..	40	13	38	31	37	33	4
----- number, 1987..	73 277	19 485	73 810	47 195	50 204	45 488	3 450
----- number, 1982..	54 551	29 609	58 533	65 255	49 330	49 581	(D)
Hogs and pigs used or to be used for breeding ----- farms, 1987..	506	225	385	220	297	277	153
----- farms, 1982..	558	320	469	293	370	359	203
----- number, 1987..	31 785	11 122	26 216	22 038	20 306	16 039	5 641
----- number, 1982..	26 854	14 217	25 893	23 402	18 431	16 760	5 659
1987 farms by inventory:							
1 to 24 ----- farms..	119	79	97	51	77	98	74
25 to 49 ----- farms..	142	62	104	36	76	72	41
50 to 99 ----- farms..	144	56	108	63	89	64	28
100 or more ----- farms..	101	28	76	70	55	43	10
number..	15 609	4 347	13 860	15 740	10 625	7 865	1 396
Other hogs and pigs ----- farms, 1987..	670	326	478	268	437	374	182
----- farms, 1982..	727	431	576	346	546	426	237
----- number, 1987..	245 520	82 533	180 175	96 734	157 485	113 269	34 068
----- number, 1982..	239 357	108 636	187 194	133 990	183 754	122 949	43 735
<b>LITTERS</b>							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	523	229	401	233	308	288	160
----- farms, 1982..	578	338	488	311	385	373	214
----- number, 1987..	51 046	16 872	40 828	29 964	29 821	25 288	9 484
----- number, 1982..	41 845	20 306	40 766	30 105	29 850	25 703	8 295
Dec. 1 of preceding year and May 31 ----- farms, 1987..	506	216	376	222	283	260	149
----- farms, 1982..	533	309	456	278	355	340	192
----- number, 1987..	26 264	8 221	19 972	16 759	14 802	12 365	4 857
----- number, 1982..	21 104	10 163	20 535	16 189	15 241	13 056	4 199
June 1 and Nov. 30 ----- farms, 1987..	492	216	378	205	283	268	146
----- farms, 1982..	537	304	452	261	346	338	187
----- number, 1987..	24 782	8 651	20 856	13 205	15 019	12 923	4 627
----- number, 1982..	20 741	10 143	20 231	13 916	14 609	12 647	4 096
<b>SALES</b>							
Hogs and pigs sold ----- farms, 1987..	714	353	518	303	463	404	209
----- farms, 1982..	807	475	644	411	588	495	277
----- number, 1987..	510 765	167 856	355 042	253 333	315 806	236 486	73 511
----- number, 1982..	433 469	180 962	359 099	246 861	320 646	230 707	74 796
----- \$1,000, 1987..	52 683	17 465	39 699	24 288	34 361	23 635	8 132
----- \$1,000, 1982..	45 250	19 769	40 855	28 266	35 501	24 042	7 688
1987 farms by number sold:							
1 to 24 ----- farms..	21	34	26	21	19	32	13
number..	319	470	336	277	216	394	164
25 to 49 ----- farms..	20	17	17	15	13	21	16
number..	726	560	649	563	486	743	573
50 to 99 ----- farms..	39	40	35	25	44	30	34
number..	2 819	2 697	2 614	1 823	3 325	2 131	2 498
100 to 199 ----- farms..	69	55	62	39	51	61	38
number..	9 588	7 569	9 289	5 543	6 839	8 271	5 426
200 to 499 ----- farms..	194	95	152	58	134	115	63
number..	62 702	30 146	47 672	19 470	43 889	35 711	19 999
500 to 999 ----- farms..	217	71	133	83	99	77	24
number..	148 338	51 111	94 292	57 885	68 669	53 640	15 382
1,000 or more ----- farms..	154	41	93	62	103	68	21
number..	286 273	75 303	200 190	167 772	192 382	135 596	29 469
Feeder pigs sold ----- farms, 1987..	168	66	102	69	73	103	60
----- farms, 1982..	188	74	123	79	87	102	95
----- number, 1987..	111 126	32 644	46 608	83 523	53 386	57 309	12 217
----- number, 1982..	90 963	27 551	49 994	27 669	49 521	50 987	17 855
----- \$1,000, 1987..	4 998	1 400	2 133	3 676	2 389	2 421	571
----- \$1,000, 1982..	4 371	1 242	2 452	1 274	2 118	2 388	845
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	674	336	499	295	440	387	197
----- farms, 1982..	740	462	607	397	568	473	261
----- number, 1987..	399 639	135 212	308 434	169 810	262 420	179 177	61 294
----- number, 1982..	342 506	153 411	309 105	219 192	271 125	179 720	56 941
----- \$1,000, 1987..	47 684	16 064	37 566	20 612	31 972	21 214	7 561
----- \$1,000, 1982..	40 879	18 527	38 403	26 992	33 383	21 654	6 843

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY</b>							
Hogs and pigs ----- farms, 1987..	276	756	596	574	208	245	157
----- farms, 1982..	367	835	709	727	308	304	209
----- number, 1987..	113 582	282 887	155 812	163 737	62 884	45 685	44 663
----- number, 1982..	125 809	241 347	190 626	186 206	75 572	53 263	47 861
Farms by inventory:							
1 to 24 ----- farms, 1987..	13	72	49	42	28	54	25
----- farms, 1982..	37	98	77	71	55	77	33
----- number, 1987..	159	925	538	585	318	652	277
----- number, 1982..	443	1 251	1 029	1 026	671	781	396
25 to 49 ----- farms, 1987..	16	50	55	50	15	33	24
----- farms, 1982..	26	75	55	51	30	41	463
----- number, 1987..	582	1 727	1 923	1 834	508	1 181	839
----- number, 1982..	973	2 752	2 043	1 717	1 069	1 430	839
50 to 99 ----- farms, 1987..	31	83	88	81	36	33	21
----- farms, 1982..	42	116	97	112	43	54	25
----- number, 1987..	2 270	5 826	6 035	5 681	2 713	2 294	1 518
----- number, 1982..	2 921	8 477	6 918	8 082	3 064	3 890	1 675
100 to 199 ----- farms, 1987..	52	143	135	130	39	37	41
----- farms, 1982..	63	163	168	155	53	47	39
----- number, 1987..	7 441	19 803	18 375	18 036	5 324	5 088	(D)
----- number, 1982..	8 589	23 124	23 890	21 822	7 152	6 146	5 318
200 to 499 ----- farms, 1987..	83	205	174	176	56	68	29
----- farms, 1982..	111	223	209	229	81	56	64
----- number, 1987..	27 004	63 278	52 475	53 281	17 839	20 774	(D)
----- number, 1982..	35 840	69 053	62 861	68 898	24 518	16 514	18 172
500 to 999 ----- farms, 1987..	55	142	66	72	24	16	23
----- farms, 1982..	63	122	74	90	40	25	16
----- number, 1987..	36 275	91 811	43 892	45 860	16 560	10 316	14 330
----- number, 1982..	43 231	79 804	47 697	56 563	27 884	17 422	11 238
1,000 or more ----- farms, 1987..	26	61	19	23	10	4	5
----- farms, 1982..	25	38	29	19	6	4	8
----- number, 1987..	39 851	99 517	32 574	38 460	19 622	5 400	14 979
----- number, 1982..	33 812	56 886	46 168	28 098	11 214	7 080	10 223
Hogs and pigs used or to be used for breeding ----- farms, 1987..	191	559	453	425	128	197	111
----- farms, 1982..	251	656	551	542	189	229	162
----- number, 1987..	12 807	35 036	20 348	20 909	6 490	6 956	6 384
----- number, 1982..	13 586	29 851	21 346	22 489	8 771	6 765	6 107
1987 farms by inventory:							
1 to 24 ----- farms..	48	170	193	156	51	102	55
25 to 49 ----- farms..	43	134	129	112	39	45	19
50 to 99 ----- farms..	61	150	83	117	24	40	26
100 or more ----- farms..	39	105	48	40	14	10	11
number, 1987..	6 509	17 593	7 937	7 052	2 905	1 552	3 258
number, 1982..	270	733	557	552	199	223	153
Other hogs and pigs ----- farms, 1987..	344	803	654	689	290	281	194
----- farms, 1982..	100 775	247 851	135 464	142 828	56 394	38 729	38 279
----- number, 1987..	112 223	211 496	169 280	163 717	66 801	46 498	41 754
----- number, 1982..							
<b>LITTERS</b>							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	195	579	478	441	134	200	117
----- farms, 1982..	261	680	572	574	205	245	170
----- number, 1987..	18 158	53 348	27 959	30 608	9 219	9 911	9 862
----- number, 1982..	19 973	44 095	33 190	32 076	11 900	9 230	9 496
Dec. 1 of preceding year and May 31 ----- farms, 1987..	177	538	439	411	119	184	112
----- farms, 1982..	236	637	514	517	174	205	160
----- number, 1987..	9 084	26 612	14 095	15 747	4 735	4 824	4 986
----- number, 1982..	10 108	21 996	16 817	16 514	6 019	4 602	4 838
June 1 and Nov. 30 ----- farms, 1987..	185	545	438	396	117	185	106
----- farms, 1982..	238	618	523	515	183	213	158
----- number, 1987..	9 074	26 736	13 864	14 861	4 484	5 087	4 876
----- number, 1982..	9 865	22 099	16 373	15 562	5 881	4 628	4 658
<b>SALES</b>							
Hogs and pigs sold ----- farms, 1987..	299	791	616	608	224	245	157
----- farms, 1982..	387	876	757	800	323	322	226
----- number, 1987..	194 631	474 880	271 236	271 314	111 556	88 454	89 435
----- number, 1982..	198 220	380 483	321 925	301 065	127 958	84 616	77 878
----- \$1,000, 1987..	22 439	52 187	29 631	29 247	12 417	9 235	8 403
----- \$1,000, 1982..	22 653	41 541	35 303	32 031	14 054	8 431	7 870
1987 farms by number sold:							
1 to 24 ----- farms..	11	45	42	40	16	24	17
----- farms..	133	576	486	563	157	329	205
25 to 49 ----- farms..	16	50	36	38	20	27	6
----- farms..	542	1 802	1 345	1 441	674	962	187
50 to 99 ----- farms..	30	67	74	56	27	35	22
----- farms..	2 156	4 851	5 503	3 924	1 967	2 442	1 547
100 to 199 ----- farms..	31	110	103	107	31	43	23
----- farms..	4 809	15 448	14 671	14 968	(D)	6 234	3 128
200 to 499 ----- farms..	83	202	188	185	60	56	50
----- farms..	26 415	66 447	60 248	58 180	(D)	18 640	15 879
500 to 999 ----- farms..	68	177	108	117	29	39	16
----- farms..	48 526	123 795	73 694	81 585	20 135	25 440	11 687
1,000 or more ----- farms..	60	140	65	65	41	21	23
----- farms..	112 050	261 941	115 289	110 653	65 269	34 407	56 702
number, 1987..	42	198	145	138	47	75	49
number, 1982..	71	213	162	177	71	105	57
number, 1987..	12 185	71 294	46 414	49 014	11 297	22 830	31 979
number, 1982..	20 090	62 606	62 926	57 075	19 858	22 824	18 957
\$1,000, 1987..	579	3 248	2 284	2 346	550	1 135	1 788
\$1,000, 1982..	941	2 939	3 120	2 707	889	1 087	862
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	294	754	586	580	214	229	142
----- farms, 1982..	373	831	716	755	308	290	208
----- number, 1987..	182 446	403 566	224 822	222 300	100 259	65 624	57 456
----- number, 1982..	178 130	317 877	258 999	243 990	108 100	61 792	58 921
----- \$1,000, 1987..	21 860	48 939	27 367	26 901	11 866	8 100	6 615
----- \$1,000, 1982..	21 712	38 602	32 183	29 324	13 165	7 344	7 008

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987..	904	156	164	846	172	580	298	372
1982..	954	228	230	943	209	687	350	478
number, 1987..	456 589	44 293	62 826	298 355	54 902	204 401	101 386	168 089
1982..	410 209	60 471	67 035	278 291	65 030	225 544	108 167	185 461
Farms by inventory:								
1 to 24 ----- farms, 1987..	39	31	6	60	15	54	32	23
1982..	59	38	13	63	13	81	45	37
number, 1987..	438	407	82	743	167	703	291	309
1982..	702	524	174	746	174	929	435	496
25 to 49 ----- farms, 1987..	31	18	12	46	5	40	27	18
1982..	53	29	19	85	20	44	27	27
number, 1987..	1 038	(D)	(D)	1 614	181	1 467	951	661
1982..	1 945	1 061	713	3 125	690	1 623	920	990
50 to 99 ----- farms, 1987..	59	21	14	94	22	71	43	42
1982..	58	34	21	118	32	82	52	53
number, 1987..	4 036	1 481	1 005	6 438	1 561	4 961	3 209	3 025
1982..	4 428	2 422	1 403	8 492	2 171	6 186	3 898	3 564
100 to 199 ----- farms, 1987..	124	24	31	184	44	123	46	69
1982..	139	44	43	201	43	149	65	103
number, 1987..	17 675	(D)	(D)	26 055	6 268	17 642	6 368	10 299
1982..	20 041	6 183	6 007	27 449	6 167	20 361	8 839	14 178
200 to 499 ----- farms, 1987..	311	35	68	262	47	162	87	121
1982..	322	45	101	300	57	189	101	143
number, 1987..	101 791	11 224	21 916	82 212	13 684	50 487	26 629	37 536
1982..	103 103	14 021	29 181	92 632	18 083	58 763	31 260	42 992
500 to 999 ----- farms, 1987..	229	17	21	142	27	84	39	67
1982..	239	28	25	137	33	88	35	81
number, 1987..	159 976	11 608	14 014	92 339	16 801	56 820	25 347	43 656
1982..	160 452	16 965	18 557	89 798	22 317	58 139	24 353	53 936
1,000 or more ----- farms, 1987..	111	10	12	58	12	46	24	32
1982..	84	10	8	39	11	54	25	34
number, 1987..	171 635	15 567	20 933	88 954	16 240	72 321	38 591	72 603
1982..	119 538	19 295	11 000	56 049	15 428	79 543	38 442	69 305
Hogs and pigs used or to be used for breeding ----- farms, 1987..								
1982..	753	111	119	671	111	421	201	237
number, 1987..	815	160	169	759	131	511	240	334
1982..	59 108	5 841	7 602	40 531	6 618	24 647	11 741	21 718
1982..	48 887	7 449	7 760	31 494	7 177	25 549	13 788	26 535
1987 farms by inventory:								
1 to 24 ----- farms..	116	52	33	174	29	129	68	55
25 to 49 ----- farms..	176	24	37	186	37	122	61	61
50 to 99 ----- farms..	248	23	26	198	28	96	38	58
100 or more ----- farms..	213	12	23	113	17	74	34	63
number, 1987..	34 024	2 818	4 015	18 476	3 009	12 196	6 414	14 932
1982..	874	152	159	807	164	559	292	363
number, 1987..	912	214	221	898	202	659	336	458
1982..	397 481	38 452	55 224	257 824	48 284	179 754	89 645	146 371
1982..	361 322	53 022	59 275	246 797	57 853	199 995	94 379	158 926
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	771	118	125	684	116	443	207	248
1982..	832	171	174	707	137	539	262	346
number, 1987..	87 616	9 267	10 753	61 002	8 491	37 568	19 161	33 319
1982..	77 033	10 526	11 330	48 711	10 231	38 283	19 184	33 631
Dec. 1 of preceding year and May 31 ----- farms, 1987..	734	109	117	648	105	400	196	227
1982..	792	158	158	743	126	496	240	308
number, 1987..	44 138	4 681	5 486	30 611	4 148	18 456	9 762	16 557
1982..	38 680	5 400	5 688	24 547	5 149	19 172	9 665	16 775
June 1 and Nov. 30 ----- farms, 1987..	741	103	115	650	106	415	187	236
1982..	786	152	157	708	125	492	237	305
number, 1987..	43 478	4 586	5 267	30 391	4 343	19 112	9 399	16 762
1982..	38 353	5 126	5 642	24 164	5 082	19 111	9 519	16 856
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987..	930	174	179	892	182	611	311	400
1982..	1 004	250	242	982	222	731	377	516
number, 1987..	747 477	91 237	102 886	517 669	102 578	368 889	199 066	353 402
1982..	601 584	107 426	109 195	415 762	117 776	383 763	189 183	324 355
\$1,000, 1987..	82 525	9 172	11 822	54 171	10 940	39 880	20 139	36 557
1982..	66 327	10 900	12 071	45 429	12 232	42 196	20 248	37 964
1987 farms by number sold:								
1 to 24 ----- farms..	33	21	6	42	12	40	33	19
number..	402	265	66	496	165	520	397	271
25 to 49 ----- farms..	26	15	6	40	10	37	25	14
number..	911	515	190	1 450	401	1 384	860	511
50 to 99 ----- farms..	36	21	16	62	19	54	16	33
number..	2 577	1 550	1 178	4 334	1 364	3 895	1 158	2 993
100 to 199 ----- farms..	93	31	23	114	25	88	37	54
number..	13 236	4 010	3 184	16 179	3 504	(D)	5 429	7 847
200 to 499 ----- farms..	214	35	64	285	45	150	78	94
number..	67 581	10 947	21 162	90 062	13 957	(D)	25 726	30 323
500 to 999 ----- farms..	267	29	39	201	31	130	69	99
number..	192 545	19 956	27 026	139 211	22 283	89 259	46 755	70 261
1,000 or more ----- farms..	261	22	25	148	40	112	53	87
number..	470 225	53 994	50 080	265 937	60 904	212 065	118 741	241 796
Feeder pigs sold ----- farms, 1987..								
1982..	239	40	47	231	39	137	81	71
number, 1987..	94 104	23 580	12 558	109 732	15 450	66 170	52 962	83 541
1982..	85 852	25 864	12 716	64 081	24 546	57 304	35 154	59 078
\$1,000, 1987..	4 250	1 230	612	5 001	649	3 081	2 541	4 011
1982..	3 873	1 369	635	2 994	1 225	2 569	1 819	2 648
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	893	172	172	839	176	588	299	395
1982..	966	241	229	935	213	694	365	499
number, 1987..	653 373	67 657	90 328	407 937	87 128	302 719	146 104	269 861
1982..	515 732	81 562	96 479	351 681	93 230	326 459	154 029	265 277
\$1,000, 1987..	78 205	7 942	11 210	49 170	10 291	36 800	17 597	32 546
1982..	62 454	9 531	11 437	42 435	11 007	39 627	18 430	35 316

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987..	162	182	384	305	323	374	380	250
----- farms, 1982..	183	286	467	393	414	476	461	370
number, 1987..	51 782	80 342	142 762	91 854	175 422	153 874	209 335	61 961
----- farms, 1982..	50 841	94 448	163 077	104 103	192 245	185 184	207 276	84 763
Farms by inventory:								
1 to 24 ----- farms, 1987..	25	16	24	48	29	34	24	29
----- farms, 1982..	22	21	28	73	32	28	31	60
number, 1987..	321	183	275	498	334	401	278	378
----- farms, 1982..	249	202	378	821	447	355	330	634
25 to 49 ----- farms, 1987..	11	15	28	24	15	20	19	25
----- farms, 1982..	18	25	27	23	18	26	20	36
number, 1987..	378	478	1 014	810	494	698	661	898
----- farms, 1982..	626	959	994	783	639	866	718	1 208
50 to 99 ----- farms, 1987..	24	22	37	38	17	41	28	47
----- farms, 1982..	21	44	54	61	41	49	43	48
number, 1987..	1 785	1 587	2 644	2 784	1 255	2 874	2 030	3 185
----- farms, 1982..	1 529	3 087	3 945	4 296	3 008	3 527	2 948	3 200
100 to 199 ----- farms, 1987..	31	29	72	60	46	62	53	56
----- farms, 1982..	44	51	95	74	73	74	92	99
number, 1987..	4 114	4 062	9 945	8 204	6 443	8 878	7 860	7 850
----- farms, 1982..	6 171	7 165	13 693	10 039	11 204	10 209	12 790	13 171
200 to 499 ----- farms, 1987..	40	58	118	88	105	107	119	63
----- farms, 1982..	52	81	161	109	130	168	132	85
number, 1987..	12 054	17 524	37 309	25 148	34 240	33 972	39 341	19 233
----- farms, 1982..	17 104	24 280	47 566	32 453	41 519	52 815	41 440	25 214
500 to 999 ----- farms, 1987..	22	23	83	32	66	74	76	25
----- farms, 1982..	16	48	78	36	84	96	89	32
number, 1987..	14 884	16 504	54 125	20 439	44 962	49 515	50 531	16 203
----- farms, 1982..	11 117	32 522	52 374	22 360	57 966	65 081	58 753	21 371
1,000 or more ----- farms, 1987..	9	19	22	15	45	36	61	5
----- farms, 1982..	10	16	24	17	36	35	54	10
number, 1987..	18 246	40 004	37 450	33 971	87 694	57 536	108 634	14 214
----- farms, 1982..	14 045	26 233	44 127	33 351	77 462	52 331	90 297	19 965
Hogs and pigs used or to be used for breeding ----- farms, 1987..	115	110	271	208	253	267	274	160
----- farms, 1982..	132	171	337	272	315	350	326	255
number, 1987..	7 073	8 656	17 179	10 908	23 017	20 705	26 354	8 818
----- farms, 1982..	6 448	8 826	18 409	11 744	25 184	21 486	22 481	10 758
1987 farms by inventory:								
1 to 24 ----- farms..	47	39	65	89	66	56	51	80
25 to 49 ----- farms..	23	33	74	61	52	61	62	39
50 to 99 ----- farms..	27	17	87	37	61	81	77	24
100 or more ----- farms..	18	21	45	21	74	69	84	17
number, 1987..	3 885	5 819	7 958	4 947	15 966	12 175	18 037	4 841
----- farms, 1982..	154	178	367	292	311	361	366	241
Other hogs and pigs ----- farms, 1987..	169	274	445	369	391	455	442	353
----- farms, 1982..	44 709	71 686	125 583	80 946	152 405	133 169	182 981	53 143
number, 1987..	44 393	85 622	144 668	92 359	167 061	163 698	184 795	74 005
----- farms, 1982..								
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	121	115	279	216	261	278	288	167
----- farms, 1982..	138	179	353	292	329	363	338	272
number, 1987..	9 529	15 587	24 988	16 486	33 420	28 820	38 232	11 677
----- farms, 1982..	8 096	13 594	26 689	18 448	35 272	31 669	32 355	16 408
Dec. 1 of preceding year and May 31 ----- farms, 1987..	113	111	260	196	245	255	272	155
----- farms, 1982..	127	163	317	265	305	336	308	242
number, 1987..	5 004	7 845	12 927	8 247	15 955	14 237	19 171	5 776
----- farms, 1982..	3 998	6 843	13 072	9 505	17 125	16 428	15 543	8 466
June 1 and Nov. 30 ----- farms, 1987..	104	110	262	199	243	262	271	156
----- farms, 1982..	124	163	321	265	293	329	316	220
number, 1987..	4 525	7 742	12 061	8 239	17 465	14 583	19 061	5 901
----- farms, 1982..	4 098	6 751	13 617	8 943	18 147	15 241	16 812	7 942
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987..	166	207	403	318	340	401	406	260
----- farms, 1982..	193	317	496	415	444	509	493	385
number, 1987..	89 328	161 714	282 242	160 645	296 597	271 442	398 460	132 658
----- farms, 1982..	72 925	158 153	287 986	167 310	330 776	301 863	352 307	175 574
\$1,000, 1987..	9 875	17 974	29 918	17 018	32 318	28 671	42 300	12 240
----- farms, 1982..	8 015	17 685	31 341	17 657	35 871	33 051	39 074	15 179
1987 farms by number sold:								
1 to 24 ----- farms..	17	18	12	31	20	23	14	20
----- farms..	237	201	194	344	234	284	175	216
25 to 49 ----- farms..	13	6	18	21	11	15	13	19
----- farms..	506	218	671	736	401	504	452	642
50 to 99 ----- farms..	17	25	32	28	11	26	31	27
----- farms..	1 217	1 801	2 243	2 068	763	1 826	2 138	1 896
100 to 199 ----- farms..	25	29	39	51	38	49	34	53
----- farms..	3 433	3 962	5 569	7 194	5 562	6 936	5 049	7 168
200 to 499 ----- farms..	49	52	107	91	92	102	90	75
----- farms..	14 463	16 928	33 312	26 711	29 543	33 875	31 247	22 956
500 to 999 ----- farms..	19	28	39	55	80	97	98	33
----- farms..	13 671	19 125	75 754	37 239	57 212	67 907	69 438	21 592
1,000 or more ----- farms..	26	49	87	86	88	89	126	33
----- farms..	55 801	119 479	164 499	86 353	202 882	160 110	289 961	78 188
Feeder pigs sold ----- farms, 1987..	31	46	94	72	70	97	98	65
----- farms, 1982..	36	61	104	102	95	88	77	99
number, 1987..	10 857	23 173	55 794	36 265	52 328	44 104	76 899	48 297
----- farms, 1982..	11 012	19 397	45 828	33 452	65 987	33 064	50 962	68 947
\$1,000, 1987..	488	1 024	2 740	1 764	2 600	2 147	3 753	2 115
----- farms, 1982..	505	948	2 306	1 633	3 605	1 554	2 606	2 847
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	162	196	377	294	325	385	379	243
----- farms, 1982..	186	302	478	391	427	496	480	356
number, 1987..	78 471	138 541	226 448	124 380	244 269	227 338	321 561	84 361
----- farms, 1982..	61 913	138 756	242 158	133 858	264 789	268 799	301 345	106 627
\$1,000, 1987..	9 387	16 950	27 178	15 254	29 718	26 524	38 547	10 124
----- farms, 1982..	7 510	16 737	29 036	16 024	32 266	31 498	36 468	12 332

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ia	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987 ..	254	358	199	313	450	561	490	234
----- farms, 1982 ..	332	427	274	381	588	655	638	316
----- number, 1987 ..	98 895	98 541	95 334	92 880	158 470	135 969	208 824	77 588
----- number, 1982 ..	123 635	98 108	102 062	113 442	189 986	151 223	237 087	89 253
Farms by inventory:								
1 to 24 ----- farms, 1987 ..	37	32	15	15	50	74	25	33
----- farms, 1982 ..	42	68	19	17	43	87	57	43
----- number, 1987 ..	362	412	212	175	686	903	305	458
----- number, 1982 ..	389	865	241	194	527	1 064	649	540
25 to 49 ----- farms, 1987 ..	17	38	11	19	31	66	22	12
----- farms, 1982 ..	32	37	24	22	31	71	43	28
----- number, 1987 ..	579	1 380	397	659	1 120	2 379	743	426
----- number, 1982 ..	1 086	1 315	862	727	1 147	2 538	1 658	1 013
50 to 99 ----- farms, 1987 ..	28	47	25	35	41	84	46	34
----- farms, 1982 ..	25	71	30	45	56	85	66	52
----- number, 1987 ..	2 016	3 339	1 751	2 290	2 869	5 937	3 194	2 340
----- number, 1982 ..	1 780	5 080	2 144	3 240	3 968	6 098	4 610	3 687
100 to 199 ----- farms, 1987 ..	31	79	33	69	68	90	97	47
----- farms, 1982 ..	49	88	57	94	123	130	94	58
----- number, 1987 ..	4 303	11 052	4 556	9 780	9 129	12 258	13 829	6 511
----- number, 1982 ..	6 707	12 022	7 913	12 839	17 546	17 738	12 339	8 351
200 to 499 ----- farms, 1987 ..	76	106	55	128	153	180	162	57
----- farms, 1982 ..	93	112	77	137	207	192	215	83
----- number, 1987 ..	23 855	33 009	(D)	38 858	47 775	54 894	53 771	17 503
----- number, 1982 ..	29 924	34 184	23 311	42 191	66 315	56 273	68 280	24 867
500 to 999 ----- farms, 1987 ..	36	40	35	31	80	48	96	33
----- farms, 1982 ..	60	37	43	52	102	70	116	37
----- number, 1987 ..	24 346	26 444	(D)	20 484	51 914	31 636	65 365	21 902
----- number, 1982 ..	40 522	24 947	28 351	33 156	63 523	42 629	78 417	26 986
1,000 or more ----- farms, 1987 ..	29	16	25	16	27	19	42	18
----- farms, 1982 ..	31	14	24	14	26	20	47	15
----- number, 1987 ..	43 434	22 905	48 643	20 634	44 977	27 962	71 617	28 448
----- number, 1982 ..	43 227	19 695	39 240	21 095	36 960	24 883	71 134	23 809
Hogs and pigs used or to be used for breeding								
----- farms, 1987 ..	199	281	125	203	378	445	395	175
----- farms, 1982 ..	250	344	173	256	493	540	515	245
----- number, 1987 ..	13 642	13 798	10 657	10 188	20 839	19 924	25 478	9 407
----- number, 1982 ..	14 834	12 357	11 679	11 841	23 884	18 817	27 158	11 107
1987 farms by inventory:								
1 to 24 ----- farms ..	61	101	40	66	114	175	94	74
25 to 49 ----- farms ..	51	87	27	62	102	136	98	40
50 to 99 ----- farms ..	38	52	28	51	113	92	128	32
100 or more ----- farms ..	49	41	30	24	49	42	75	29
----- number ..	8 706	6 405	7 164	3 763	8 255	6 938	12 083	4 872
Other hogs and pigs								
----- farms, 1987 ..	240	342	189	306	430	511	477	221
----- farms, 1982 ..	317	389	267	361	561	603	606	297
----- number, 1987 ..	85 253	84 743	84 677	82 692	137 631	116 045	183 346	68 181
----- number, 1982 ..	108 801	85 751	90 383	101 601	166 102	132 406	209 929	78 146
<b>LITTERS</b>								
Litters of pigs farrowed—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987 ..	208	290	132	215	384	459	408	177
----- farms, 1982 ..	259	362	186	266	504	563	539	260
----- number, 1987 ..	21 873	19 057	15 970	16 161	29 752	29 188	39 897	15 258
----- number, 1982 ..	22 961	18 108	17 227	17 164	37 148	28 595	43 757	17 822
Dec. 1 of preceding year and May 31 ----- farms, 1987 ..	196	267	121	200	366	423	389	159
----- farms, 1982 ..	242	319	174	241	472	524	502	226
----- number, 1987 ..	10 982	9 332	8 321	8 212	15 288	14 367	19 633	7 542
----- number, 1982 ..	11 408	8 953	8 661	8 422	18 824	14 532	21 831	8 989
June 1 and Nov. 30 ----- farms, 1987 ..	193	256	119	202	357	422	390	167
----- farms, 1982 ..	229	316	163	251	467	501	501	237
----- number, 1987 ..	10 891	9 725	7 649	7 949	14 464	14 821	20 264	7 716
----- number, 1982 ..	11 553	9 155	8 546	8 742	16 324	14 063	21 926	8 833
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987 ..	275	366	219	347	462	581	510	255
----- farms, 1982 ..	365	461	305	408	615	683	687	345
----- number, 1987 ..	177 634	163 639	182 114	168 106	253 035	244 383	349 763	144 528
----- number, 1982 ..	210 844	150 731	202 832	181 930	311 149	232 138	390 840	158 328
----- \$1,000, 1987 ..	18 878	17 427	18 662	19 425	29 627	24 761	38 270	14 121
----- \$1,000, 1982 ..	21 976	16 274	20 302	19 936	34 384	24 591	42 665	15 272
1987 farms by number sold:								
1 to 24 ----- farms ..	25	19	10	12	26	43	22	29
----- number ..	212	263	141	163	318	515	297	436
25 to 49 ----- farms ..	29	24	9	15	26	43	21	16
----- number ..	1 067	824	297	517	979	1 526	756	553
50 to 99 ----- farms ..	21	38	21	39	44	66	19	33
----- number ..	1 420	2 806	1 531	2 928	3 087	4 743	1 323	2 359
100 to 199 ----- farms ..	26	67	31	57	64	81	60	32
----- number ..	(D)	(D)	4 060	7 849	9 184	11 290	8 394	4 430
200 to 499 ----- farms ..	69	109	52	95	122	186	146	62
----- number ..	(D)	(D)	16 934	28 918	40 365	58 285	47 496	19 491
500 to 999 ----- farms ..	41	66	44	87	110	104	129	44
----- number ..	29 048	44 653	31 476	58 672	75 881	68 983	92 954	32 524
1,000 or more ----- farms ..	64	43	52	42	70	58	113	39
----- number ..	120 255	72 083	127 675	69 059	123 221	99 041	198 543	84 735
Feeder pigs sold								
----- farms, 1987 ..	57	99	38	57	102	177	112	57
----- farms, 1982 ..	91	111	51	84	134	197	154	96
----- number, 1987 ..	33 187	28 931	37 405	17 133	25 134	63 011	54 329	41 150
----- number, 1982 ..	39 889	26 952	52 234	23 564	41 934	46 875	62 009	45 867
----- \$1,000, 1987 ..	1 405	1 314	1 939	786	1 321	2 817	2 517	1 960
----- \$1,000, 1982 ..	1 962	1 238	2 613	1 159	2 077	2 218	2 980	2 132
Hogs and pigs other than feeder pigs sold								
----- farms, 1987 ..	264	345	215	333	445	533	481	236
----- farms, 1982 ..	342	446	297	393	589	624	664	303
----- number, 1987 ..	144 447	134 708	144 709	150 973	227 901	181 372	295 434	103 378
----- number, 1982 ..	170 955	123 779	150 598	158 366	269 215	185 263	328 831	112 461
----- \$1,000, 1987 ..	17 473	16 113	16 723	18 639	28 305	21 945	35 754	12 161
----- \$1,000, 1982 ..	20 014	15 036	17 689	18 777	32 307	22 373	39 686	13 140

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987..	569	500	456	608	271	478	215	140
----- farms, 1982..	704	615	625	765	346	573	275	215
number, 1987..	201 494	196 170	187 744	232 616	105 496	127 753	66 270	28 113
----- farms, 1982..	234 555	201 531	262 012	267 080	121 785	130 892	87 665	38 914
Farms by inventory:								
1 to 24 ----- farms, 1987..	52	37	43	44	38	75	23	25
----- farms, 1982..	77	55	62	55	50	107	30	22
number, 1987..	573	526	530	502	432	819	277	295
----- farms, 1982..	822	577	875	636	419	1 149	373	306
25 to 49 ----- farms, 1987..	38	37	28	29	13	54	16	15
----- farms, 1982..	49	36	40	46	31	64	17	25
number, 1987..	1 362	1 355	991	1 042	466	1 935	553	561
----- farms, 1982..	1 746	1 336	1 464	1 691	1 076	2 192	586	888
50 to 99 ----- farms, 1987..	77	49	42	68	23	58	25	22
----- farms, 1982..	96	85	48	94	45	82	33	40
number, 1987..	5 973	3 473	3 312	4 647	1 675	4 030	1 827	1 485
----- farms, 1982..	6 137	5 772	3 670	6 764	3 105	5 738	2 432	2 908
100 to 199 ----- farms, 1987..	94	107	75	119	50	83	37	29
----- farms, 1982..	132	109	87	160	48	107	54	55
number, 1987..	(D)	15 339	10 163	17 452	6 709	11 285	5 131	3 953
----- farms, 1982..	18 543	15 458	12 151	21 888	6 408	14 520	7 145	7 792
200 to 499 ----- farms, 1987..	180	149	129	201	74	127	62	33
----- farms, 1982..	205	197	202	246	93	136	76	56
number, 1987..	(D)	46 538	41 603	62 820	23 322	39 020	18 208	10 024
----- farms, 1982..	63 088	61 346	63 499	76 100	29 367	41 636	24 410	16 321
500 to 999 ----- farms, 1987..	84	81	95	97	45	59	45	14
----- farms, 1982..	102	98	123	110	47	55	55	16
number, 1987..	56 926	54 720	64 462	65 780	29 978	41 040	29 078	(D)
----- farms, 1982..	70 129	63 927	81 206	73 969	31 940	36 538	35 564	(D)
1,000 or more ----- farms, 1987..	44	40	44	50	28	22	7	2
----- farms, 1982..	53	35	63	54	32	22	10	1
number, 1987..	67 081	74 219	66 683	80 373	42 916	29 624	11 196	(D)
----- farms, 1982..	74 090	53 115	99 147	86 032	49 470	29 119	17 155	(D)
Hogs and pigs used or to be used for breeding								
----- farms, 1987..	452	361	395	445	201	351	179	101
----- farms, 1982..	584	449	530	550	256	426	217	174
number, 1987..	26 758	28 826	26 777	28 391	13 308	16 678	9 477	3 810
----- farms, 1982..	28 801	23 913	30 152	29 801	13 959	16 940	11 053	5 581
1987 farms by inventory:								
1 to 24 ----- farms..	138	101	117	115	65	150	54	50
25 to 49 ----- farms..	135	89	76	138	40	79	54	24
50 to 99 ----- farms..	95	90	111	103	54	81	48	19
100 or more ----- farms..	84	81	91	89	42	41	23	8
number, 1987..	13 757	18 193	15 073	15 020	7 472	6 639	3 622	1 122
Other hogs and pigs								
----- farms, 1987..	547	482	435	582	262	454	207	129
----- farms, 1982..	670	585	591	734	323	538	259	205
number, 1987..	174 736	167 344	160 967	204 225	92 188	111 075	56 793	24 303
----- farms, 1982..	205 754	177 618	231 860	237 279	107 826	113 952	76 612	33 333
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	472	372	408	457	210	370	188	105
----- farms, 1982..	612	470	546	575	272	448	226	184
number, 1987..	42 476	40 954	42 616	41 901	20 481	23 241	14 143	5 612
----- farms, 1982..	44 989	37 402	46 608	44 760	22 155	23 252	16 342	7 808
Dec. 1 of preceding year and May 31 ----- farms, 1987..	451	347	389	425	200	334	182	94
----- farms, 1982..	571	428	502	533	255	403	211	160
number, 1987..	21 419	19 862	21 605	21 565	10 239	11 403	7 036	2 776
----- farms, 1982..	22 314	18 579	23 156	22 719	11 005	11 642	8 259	3 808
June 1 and Nov. 30 ----- farms, 1987..	440	358	385	429	195	340	174	90
----- farms, 1982..	568	434	500	516	242	389	204	163
number, 1987..	21 057	21 092	21 011	20 336	10 242	11 838	7 107	2 836
----- farms, 1982..	22 675	18 823	23 452	22 041	11 150	11 610	8 083	4 000
<b>SALES</b>								
Hogs and pigs sold								
----- farms, 1987..	594	534	486	647	285	508	228	142
----- farms, 1982..	747	648	658	816	363	611	295	240
number, 1987..	350 424	360 436	350 450	392 010	187 062	208 731	114 918	46 575
----- farms, 1982..	389 509	327 586	395 304	453 134	198 754	203 365	139 839	63 384
\$1,000, 1987..	37 802	37 865	37 209	43 210	20 227	23 876	12 750	4 796
----- farms, 1982..	40 773	36 711	42 112	49 465	20 406	23 352	15 091	6 357
1987 farms by number sold:								
1 to 24 ----- farms..	31	27	22	24	26	57	16	15
----- farms, 1982..	297	380	275	261	288	596	171	169
number, 1987..	26	20	16	26	14	44	16	11
25 to 49 ----- farms..	955	771	571	895	534	1 502	544	386
----- farms, 1982..	47	53	40	53	25	55	15	20
number, 1987..	3 373	3 740	2 954	3 851	1 703	3 936	1 055	1 426
100 to 199 ----- farms..	81	92	53	96	35	78	38	24
----- farms, 1982..	11 565	13 221	7 310	13 514	(D)	11 287	5 244	3 459
number, 1987..	183	133	122	197	73	132	47	43
200 to 499 ----- farms..	59 464	42 977	39 470	61 447	(D)	40 132	15 017	13 707
----- farms, 1982..	120	110	112	128	49	80	64	21
number, 1987..	82 295	73 081	76 541	90 531	38 132	54 594	42 372	14 953
500 to 999 ----- farms..	106	99	121	123	63	62	32	8
----- farms, 1982..	192 475	226 266	223 329	221 511	118 855	96 684	50 515	12 475
number, 1987..	155	102	127	155	64	112	55	32
1,000 or more ----- farms..	212	119	147	155	95	132	77	63
----- farms, 1982..	63 616	72 849	69 402	55 672	29 569	24 041	15 639	8 376
number, 1987..	83 608	44 962	63 139	57 404	40 546	28 677	24 827	13 078
----- farms, 1982..	3 092	3 566	3 484	2 623	1 430	1 135	725	355
\$1,000, 1987..	4 431	2 195	3 009	2 811	1 931	1 373	1 163	619
----- farms, 1982..	565	513	455	618	280	484	212	136
number, 1987..	685	619	607	784	349	578	291	230
----- farms, 1982..	286 808	287 587	281 048	336 338	157 493	184 690	99 279	38 199
1,000, 1987..	305 901	282 624	332 165	395 730	158 208	174 688	115 012	50 306
----- farms, 1982..	34 709	34 298	33 725	40 587	18 796	22 741	12 026	4 441
number, 1987..	36 342	34 516	39 102	46 654	18 476	21 979	13 928	5 738

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987--	567	275	496	381	300	169	387	230
----- farms, 1982--	714	411	634	508	359	231	434	292
----- number, 1987--	200 491	71 853	231 333	129 745	110 052	42 997	145 781	57 242
----- number, 1982--	201 205	98 007	277 006	162 451	113 677	58 529	160 352	68 466
Farms by inventory:								
1 to 24 ----- farms, 1987--	45	51	41	47	34	30	50	31
----- farms, 1982--	42	59	42	59	31	32	40	38
----- number, 1987--	624	610	439	620	367	288	670	376
----- number, 1982--	579	684	503	769	324	376	498	438
25 to 49 ----- farms, 1987--	26	26	26	46	22	8	30	24
----- farms, 1982--	43	46	37	46	36	18	32	26
----- number, 1987--	966	906	966	1 656	799	299	1 156	889
----- number, 1982--	1 547	1 606	1 391	1 656	1 301	603	1 132	897
50 to 99 ----- farms, 1987--	56	41	38	33	28	28	41	35
----- farms, 1982--	96	57	65	86	40	34	54	40
----- number, 1987--	3 714	2 951	2 834	2 172	1 967	1 918	2 797	2 448
----- number, 1982--	7 084	4 088	4 417	4 771	2 795	2 378	3 894	2 815
100 to 199 ----- farms, 1987--	121	51	61	55	58	37	66	47
----- farms, 1982--	188	98	81	78	65	57	70	63
----- number, 1987--	17 448	7 404	8 395	7 726	8 432	5 469	9 100	6 490
----- number, 1982--	25 955	13 658	11 437	10 765	9 007	7 762	9 420	8 987
200 to 499 ----- farms, 1987--	205	63	177	118	88	45	108	63
----- farms, 1982--	218	98	194	150	112	59	144	89
----- number, 1987--	63 171	19 037	57 949	36 300	28 668	14 145	35 049	19 745
----- number, 1982--	64 158	29 190	62 633	46 254	35 782	18 180	45 557	27 804
500 to 999 ----- farms, 1987--	75	35	101	59	44	18	59	24
----- farms, 1982--	101	37	158	76	58	25	61	30
----- number, 1987--	50 044	24 061	70 401	38 987	29 107	12 462	41 358	16 256
----- number, 1982--	62 872	23 428	103 406	50 598	38 496	16 791	41 758	19 442
1,000 or more ----- farms, 1987--	39	8	52	23	26	3	33	6
----- farms, 1982--	26	16	57	33	17	6	33	6
----- number, 1987--	64 524	16 884	80 349	42 284	40 712	8 418	55 651	11 038
----- number, 1982--	39 010	25 353	93 219	47 638	25 972	12 439	58 093	8 083
Hogs and pigs used or to be used for breeding ----- farms, 1987--	373	223	396	308	230	114	286	167
----- farms, 1982--	433	321	511	432	258	169	317	229
----- number, 1987--	23 967	9 676	30 275	19 601	14 682	5 420	20 494	8 010
----- number, 1982--	20 913	12 262	33 124	23 942	14 366	6 740	19 600	8 951
1987 farms by inventory:								
1 to 24 ----- farms	113	110	101	85	76	47	89	69
25 to 49 ----- farms	96	49	80	87	50	38	66	35
50 to 99 ----- farms	94	44	120	86	59	21	70	46
100 or more ----- farms	70	20	95	50	45	8	61	17
----- number	12 737	3 688	17 644	9 698	7 734	1 962	12 169	2 967
Other hogs and pigs ----- farms, 1987--	549	255	477	344	290	158	365	217
----- farms, 1982--	689	394	610	480	343	212	419	273
----- number, 1987--	176 524	62 177	201 058	110 144	95 370	37 577	125 287	49 232
----- number, 1982--	180 292	85 745	243 882	138 509	99 291	51 789	140 752	59 515
<b>LITTERS</b>								
Litters of pigs farrowed between--								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987--	394	238	415	330	238	115	298	175
----- farms, 1982--	455	338	538	454	276	178	330	239
----- number, 1987--	38 967	14 223	46 739	26 342	22 816	7 572	29 668	10 056
----- number, 1982--	32 647	18 134	54 436	33 770	22 109	9 410	29 344	12 149
Dec. 1 of preceding year and May 31 ----- farms, 1987--	367	208	386	310	219	110	270	160
----- farms, 1982--	419	312	504	414	252	170	309	215
----- number, 1987--	19 880	6 692	23 449	13 215	11 006	3 840	14 709	5 051
----- number, 1982--	16 378	9 217	27 204	15 990	11 515	4 950	14 775	6 101
June 1 and Nov. 30 ----- farms, 1987--	367	211	395	298	226	106	281	161
----- farms, 1982--	415	300	497	416	246	150	307	209
----- number, 1987--	19 087	7 531	23 290	13 127	11 810	3 732	14 959	5 005
----- number, 1982--	16 269	8 917	27 232	17 780	10 594	4 460	14 569	6 048
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987--	599	297	534	402	315	170	406	247
----- farms, 1982--	768	441	688	549	389	246	464	321
----- number, 1987--	404 640	123 559	407 094	227 507	191 669	77 324	273 074	101 724
----- number, 1982--	364 117	160 842	446 177	280 905	199 017	105 463	250 435	117 707
----- \$1,000, 1987--	39 883	12 792	44 745	23 307	21 256	8 627	29 681	11 173
----- \$1,000, 1982--	38 757	16 901	48 316	28 181	21 938	11 109	27 903	12 647
1987 farms by number sold:								
1 to 24 ----- farms	20	33	24	17	28	11	23	20
----- number	267	489	298	212	348	113	286	188
25 to 49 ----- farms	17	24	23	27	17	11	25	25
----- number	627	853	871	935	581	(D)	883	860
50 to 99 ----- farms	32	42	35	35	28	14	47	28
----- number	2 202	3 035	2 658	2 503	2 005	(D)	3 411	2 138
100 to 199 ----- farms	91	42	65	54	33	41	57	40
----- number	(D)	5 824	9 318	7 868	4 513	5 752	7 848	5 636
200 to 499 ----- farms	188	78	135	124	84	48	95	64
----- number	(D)	24 307	43 502	39 946	25 378	15 075	30 224	20 029
500 to 999 ----- farms	130	54	120	75	63	30	74	52
----- number	89 690	39 743	87 244	51 129	43 669	18 806	51 437	36 262
1,000 or more ----- farms	121	24	132	70	62	15	85	18
----- number	239 454	49 308	263 203	124 894	115 175	36 351	178 975	36 611
Feeder pigs sold ----- farms, 1987--	164	83	110	141	59	27	102	64
----- farms, 1982--	154	157	162	183	68	47	81	76
----- number, 1987--	106 898	24 129	58 357	63 237	22 717	7 036	45 999	18 712
----- number, 1982--	69 931	41 363	71 489	72 108	32 790	23 083	27 217	20 443
----- \$1,000, 1987--	4 839	1 119	2 484	3 232	1 070	304	2 321	799
----- \$1,000, 1982--	3 092	1 872	3 282	3 891	1 590	1 033	1 378	929
Hogs and pigs other than feeder pigs sold ----- farms, 1987--	558	281	510	371	305	160	397	234
----- farms, 1982--	719	407	651	494	375	241	447	301
----- number, 1987--	297 742	99 430	348 737	164 270	168 952	70 288	227 075	83 012
----- number, 1982--	294 186	119 479	374 686	208 797	166 227	82 380	223 218	97 264
----- \$1,000, 1987--	35 044	11 672	42 262	20 074	20 186	8 323	27 360	10 374
----- \$1,000, 1982--	35 665	15 029	45 033	24 290	20 349	10 076	26 524	11 718

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987..	161	229	271	536	260	315	342	865
----- farms, 1982..	245	275	389	578	346	412	400	1 035
----- number, 1987..	31 726	61 284	91 269	219 771	97 240	82 672	113 704	333 224
----- number, 1982..	51 104	71 985	120 660	210 546	105 217	105 828	130 288	364 849
Farms by inventory:								
1 to 24 ----- farms, 1987..	37	24	33	30	16	23	22	38
----- farms, 1982..	51	18	40	34	33	40	19	66
----- number, 1987..	390	303	424	390	188	324	289	588
----- number, 1982..	524	162	493	430	440	454	217	828
25 to 49 ----- farms, 1987..	17	21	21	29	14	42	17	55
----- farms, 1982..	29	23	21	27	15	31	23	42
----- number, 1987..	603	735	752	1 104	521	1 496	584	1 914
----- number, 1982..	1 007	843	704	972	530	1 094	832	1 546
50 to 99 ----- farms, 1987..	28	23	30	56	31	54	38	86
----- farms, 1982..	40	39	50	57	38	66	45	91
----- number, 1987..	1 962	1 586	2 053	4 042	2 222	3 778	2 816	6 095
----- number, 1982..	2 798	2 938	3 436	4 180	2 742	4 557	3 209	6 430
100 to 199 ----- farms, 1987..	28	60	46	110	53	60	70	142
----- farms, 1982..	41	65	77	109	87	98	83	187
----- number, 1987..	3 561	8 634	6 807	16 246	7 194	8 364	9 769	19 998
----- number, 1982..	5 543	9 308	10 671	15 630	11 722	12 781	11 711	26 294
200 to 499 ----- farms, 1987..	35	71	76	174	93	88	120	301
----- farms, 1982..	53	97	122	219	115	122	150	384
----- number, 1987..	11 110	21 930	23 194	53 694	28 587	26 570	37 641	94 186
----- number, 1982..	15 764	29 141	36 821	67 880	34 866	37 297	45 889	116 408
500 to 999 ----- farms, 1987..	12	20	45	82	41	36	56	173
----- farms, 1982..	25	23	58	92	41	41	56	210
----- number, 1987..	7 685	13 552	30 075	56 601	26 684	23 541	37 293	114 405
----- number, 1982..	15 810	15 176	36 132	60 865	29 008	27 264	37 087	138 455
1,000 or more ----- farms, 1987..	4	10	20	55	12	12	19	70
----- farms, 1982..	6	10	21	40	11	14	22	55
----- number, 1987..	6 415	14 544	27 964	87 694	31 844	18 599	25 312	96 058
----- number, 1982..	9 658	14 417	32 403	60 589	25 909	22 381	31 343	74 888
Hogs and pigs used or to be used for breeding ----- farms, 1987..	119	175	200	365	157	224	233	678
----- farms, 1982..	195	207	303	387	203	297	292	803
----- number, 1987..	5 046	8 354	10 290	25 937	10 950	10 634	13 572	47 344
----- number, 1982..	7 143	8 943	13 093	23 017	11 158	11 485	14 579	45 125
1987 farms by inventory:								
1 to 24 ----- farms..	69	63	66	103	36	91	68	159
25 to 49 ----- farms..	28	52	55	104	47	61	63	138
50 to 99 ----- farms..	16	37	51	89	52	46	68	216
100 or more ----- farms..	6	23	28	69	22	26	34	165
----- number (D)		3 354	3 932	14 950	5 341	4 350	6 038	25 605
Other hogs and pigs ----- farms, 1987..	150	218	256	517	252	307	337	833
----- farms, 1982..	214	265	372	551	329	402	387	997
----- number, 1987..	26 680	52 930	80 979	193 834	86 290	72 038	100 132	285 880
----- number, 1982..	43 961	63 042	107 567	187 529	94 059	94 343	115 709	319 724
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	125	182	208	381	163	234	242	693
----- farms, 1982..	197	220	316	397	212	314	305	835
----- number, 1987..	8 524	12 311	15 879	40 305	17 036	16 648	21 328	70 490
----- number, 1982..	10 617	12 394	19 855	35 589	16 372	17 663	21 949	67 440
Dec. 1 of preceding year and May 31 ----- farms, 1987..	117	163	194	358	154	227	224	645
----- farms, 1982..	177	205	300	378	198	288	281	776
----- number, 1987..	4 276	5 560	7 994	20 020	8 552	8 428	11 002	35 552
----- number, 1982..	5 234	6 491	9 836	17 779	8 090	9 015	11 078	33 469
June 1 and Nov. 30 ----- farms, 1987..	117	162	193	352	146	217	226	648
----- farms, 1982..	172	185	295	375	184	281	281	783
----- number, 1987..	4 248	6 751	7 885	20 285	8 484	8 220	10 326	34 938
----- number, 1982..	5 383	5 903	10 019	17 810	8 282	8 648	10 871	33 971
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987..	163	250	289	574	271	332	370	897
----- farms, 1982..	254	303	421	616	376	436	438	1 093
----- number, 1987..	75 059	99 499	152 451	409 093	178 655	147 801	219 650	626 498
----- number, 1982..	93 014	109 818	185 168	401 409	191 191	172 527	227 269	579 929
----- \$1,000, 1987..	6 561	11 511	16 996	44 297	18 340	15 553	23 642	63 878
----- \$1,000, 1982..	8 791	12 905	20 657	43 694	19 640	18 639	24 732	60 306
1987 farms by number sold:								
1 to 24 ----- farms..	20	22	19	12	9	28	25	26
----- farms..	228	294	282	168	88	431	302	361
25 to 49 ----- farms..	12	16	22	13	8	19	11	33
----- farms..	(D)	593	831	506	290	635	430	1 238
50 to 99 ----- farms..	28	30	26	52	21	27	21	67
----- farms..	(D)	2 319	1 883	3 859	1 576	1 952	1 400	4 782
100 to 199 ----- farms..	22	45	43	94	39	67	45	94
----- farms..	(D)	6 222	5 870	13 132	5 372	9 217	6 142	13 509
200 to 499 ----- farms..	47	80	68	153	92	101	122	235
----- farms..	13 594	24 405	21 220	49 870	30 327	32 847	40 703	75 643
500 to 999 ----- farms..	18	30	67	133	53	55	78	213
----- farms..	number	12 181	21 205	46 749	93 176	37 458	52 100	148 855
1,000 or more ----- farms..	16	27	44	117	49	35	68	229
----- farms..	number	43 598	44 451	75 616	248 382	105 298	118 573	382 110
Feeder pigs sold ----- farms, 1987..	39	40	47	118	64	58	74	226
----- farms, 1982..	79	40	74	122	73	83	72	280
----- number, 1987..	27 347	7 629	13 287	64 419	36 417	24 290	29 887	140 748
----- number, 1982..	29 576	6 066	15 640	68 051	36 585	23 942	30 806	119 962
----- \$1,000, 1987..	1 174	346	572	3 228	1 690	955	1 340	6 602
----- \$1,000, 1982..	1 416	274	733	3 324	1 737	1 099	1 570	5 594
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	150	241	281	324	255	324	359	838
----- farms, 1982..	219	295	402	587	352	422	424	1 023
----- number, 1987..	47 712	91 860	139 164	344 674	142 238	123 511	189 763	485 750
----- number, 1982..	63 438	103 752	169 528	333 358	134 606	148 585	196 463	459 967
----- \$1,000, 1987..	5 387	11 165	16 424	41 069	16 650	14 598	22 302	57 276
----- \$1,000, 1982..	7 376	12 630	19 924	40 370	17 903	17 539	23 161	54 712

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Hogs and pigs								
----- farms, 1987..	303	155	505	373	221	437	338	492
----- farms, 1982..	366	225	615	481	276	525	440	585
----- number, 1987..	117 561	40 610	132 246	115 888	54 322	219 218	137 971	174 150
----- number, 1982..	118 645	49 842	158 935	144 566	56 879	211 658	153 269	181 318
Farms by inventory:								
1 to 24								
----- farms, 1987..	21	23	58	35	21	19	31	27
----- farms, 1982..	18	33	80	45	49	34	51	46
----- number, 1987..	283	285	753	492	249	277	313	311
----- number, 1982..	230	323	1 013	471	573	398	645	581
25 to 49								
----- farms, 1987..	21	11	54	18	24	20	18	28
----- farms, 1982..	23	35	52	31	21	27	24	34
----- number, 1987..	769	362	1 960	631	825	705	660	1 056
----- number, 1982..	825	1 206	1 889	1 063	711	926	873	1 214
50 to 99								
----- farms, 1987..	28	20	65	46	33	44	22	61
----- farms, 1982..	50	33	87	49	50	56	40	74
----- number, 1987..	2 024	1 534	4 756	3 341	2 415	3 196	1 590	4 320
----- number, 1982..	3 618	2 253	6 010	3 501	3 558	4 029	2 715	5 118
100 to 199								
----- farms, 1987..	55	29	115	85	50	67	60	86
----- farms, 1982..	71	45	132	107	49	91	84	135
----- number, 1987..	7 630	4 176	15 845	11 494	6 980	9 619	(D)	12 132
----- number, 1982..	9 730	6 265	19 082	14 886	7 036	12 487	11 632	18 252
200 to 499								
----- farms, 1987..	89	54	151	115	66	152	113	180
----- farms, 1982..	123	48	187	160	78	178	134	189
----- number, 1987..	26 734	16 452	47 105	36 095	20 084	48 611	(D)	57 556
----- number, 1982..	38 539	14 188	57 210	50 245	22 942	54 055	41 080	57 038
500 to 999								
----- farms, 1987..	72	12	39	57	18	80	60	79
----- farms, 1982..	66	26	55	70	23	92	75	79
----- number, 1987..	46 888	7 652	26 143	38 179	11 754	(D)	40 177	49 182
----- number, 1982..	42 936	17 682	36 365	46 465	14 524	61 808	50 196	52 279
1,000 or more								
----- farms, 1987..	17	6	23	17	9	55	34	31
----- farms, 1982..	15	5	22	19	6	47	32	28
----- number, 1987..	33 233	10 149	35 684	25 656	12 015	(D)	51 932	49 593
----- number, 1982..	22 767	7 925	37 386	27 935	7 535	77 955	46 128	46 836
Hogs and pigs used or to be used for breeding								
----- farms, 1987..	196	118	359	283	168	337	258	329
----- farms, 1982..	239	165	452	393	214	393	338	388
----- number, 1987..	13 349	5 657	17 014	15 794	6 650	27 252	16 706	20 302
----- number, 1982..	13 543	5 904	20 305	17 088	6 674	25 950	17 385	19 628
1987 farms by inventory:								
1 to 24	61	32	151	86	69	84	62	89
25 to 49	43	43	105	81	61	74	79	98
50 to 99	57	33	71	72	23	95	59	88
100 or more	35	10	32	44	15	84	58	54
----- number, 1987..	6 970	1 797	6 656	7 239	2 216	(D)	8 961	9 730
Other hogs and pigs								
----- farms, 1987..	294	150	484	367	214	420	332	482
----- farms, 1982..	356	203	584	458	264	501	419	564
----- number, 1987..	104 212	34 953	115 232	100 094	47 672	191 966	121 265	153 848
----- number, 1982..	105 102	43 938	138 630	127 478	50 205	185 708	135 884	161 690
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30								
----- farms, 1987..	202	123	385	294	175	344	261	344
----- farms, 1982..	252	179	469	410	228	401	350	401
----- number, 1987..	19 822	7 908	25 698	24 914	10 340	40 078	25 018	32 433
----- number, 1982..	20 927	8 610	28 643	25 684	9 477	37 977	26 279	30 342
Dec. 1 of preceding year and May 31								
----- farms, 1987..	191	115	351	274	166	324	245	320
----- farms, 1982..	230	162	424	379	212	374	328	357
----- number, 1987..	10 178	3 938	13 237	12 477	5 203	19 892	12 583	15 974
----- number, 1982..	10 618	4 307	14 731	12 740	4 834	19 040	13 212	15 136
June 1 and Nov. 30								
----- farms, 1987..	185	111	344	277	158	328	252	326
----- farms, 1982..	229	148	413	375	203	376	326	363
----- number, 1987..	9 644	3 970	12 461	12 437	5 137	20 186	12 435	16 459
----- number, 1982..	10 309	4 303	13 912	12 944	4 643	18 937	13 067	15 206
<b>SALES</b>								
Hogs and pigs sold								
----- farms, 1987..	323	169	546	385	221	447	353	514
----- farms, 1982..	408	242	666	512	295	549	465	629
----- number, 1987..	224 380	73 131	239 278	210 829	89 820	384 847	218 118	300 106
----- number, 1982..	230 934	85 284	258 641	210 659	86 629	349 174	234 250	298 996
----- \$1,000, 1987..	24 436	7 991	24 946	23 108	9 831	40 883	25 721	30 518
----- \$1,000, 1982..	23 224	9 037	26 843	23 708	9 107	37 182	27 649	31 180
1987 farms by number sold:								
1 to 24								
----- farms..	13	15	53	18	14	8	25	14
----- number..	153	188	582	216	230	114	277	166
25 to 49								
----- farms..	19	14	35	19	21	14	18	32
----- number..	706	479	1 275	637	709	540	662	1 193
50 to 99								
----- farms..	14	13	76	34	17	27	21	39
----- number..	1 082	946	5 744	2 476	(D)	1 904	1 623	2 935
100 to 199								
----- farms..	45	24	82	69	31	48	44	77
----- number..	6 408	3 334	11 634	9 590	(D)	6 952	6 227	10 892
200 to 499								
----- farms..	84	58	155	94	87	118	96	156
----- number..	27 618	18 479	49 040	29 475	26 877	38 798	31 357	49 580
500 to 999								
----- farms..	78	29	100	94	31	111	73	113
----- number..	54 492	19 489	68 078	65 890	21 935	77 447	50 550	77 269
1,000 or more								
----- farms..	70	16	45	57	20	121	76	83
----- number..	133 921	30 216	102 925	102 545	34 037	259 192	127 422	158 071
Feeder pigs sold								
----- farms, 1987..	54	42	127	66	45	119	54	119
----- farms, 1982..	88	56	142	104	61	126	64	105
----- number, 1987..	35 176	8 918	51 078	36 049	14 711	75 104	12 410	78 597
----- number, 1982..	57 591	16 665	61 243	22 980	14 647	67 302	16 901	59 805
----- \$1,000, 1987..	1 699	415	2 238	1 779	777	3 482	583	3 711
----- \$1,000, 1982..	2 808	851	3 002	1 088	631	3 240	775	2 716
Hogs and pigs other than feeder pigs sold								
----- farms, 1987..	314	166	520	375	210	422	344	493
----- farms, 1982..	390	227	638	495	276	516	448	607
----- number, 1987..	189 204	64 213	188 200	174 780	75 109	309 843	205 708	221 509
----- number, 1982..	173 343	68 619	197 398	187 679	71 982	281 872	217 349	239 191
----- \$1,000, 1987..	22 737	7 576	22 708	21 330	9 054	37 401	25 138	26 808
----- \$1,000, 1982..	20 416	8 185	23 841	22 621	8 476	33 942	26 874	28 464

**Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987--	1 021	266	461	223	186	200	196	300
1982--	1 121	361	609	324	267	317	275	379
number, 1987--	441 534	110 672	138 669	62 873	44 487	56 843	48 166	91 113
1982--	416 014	125 505	162 177	66 253	55 317	72 089	59 680	112 532
Farms by inventory:								
1 to 24 ----- farms, 1987--	44	28	47	35	28	39	43	71
1982--	45	37	75	48	41	60	66	60
number, 1987--	596	280	588	431	266	439	401	842
1982--	535	414	884	642	464	616	738	665
25 to 49 ----- farms, 1987--	37	14	42	22	22	21	16	31
1982--	59	20	49	40	30	38	30	46
number, 1987--	1 430	483	1 499	738	742	752	527	1 055
1982--	1 997	759	1 742	1 473	1 062	1 393	1 081	1 625
50 to 99 ----- farms, 1987--	87	29	49	36	24	26	24	30
1982--	114	44	70	54	43	47	45	62
number, 1987--	6 424	1 946	3 488	2 511	1 685	1 907	1 600	2 024
1982--	8 197	3 186	4 634	3 686	3 118	3 459	3 030	4 497
100 to 199 ----- farms, 1987--	187	45	83	51	38	42	38	46
1982--	196	64	116	80	64	66	41	66
number, 1987--	26 018	6 017	(D)	7 567	5 401	6 012	4 911	6 436
1982--	26 526	9 343	16 902	10 913	8 591	9 370	5 692	9 175
200 to 499 ----- farms, 1987--	354	80	156	60	45	47	40	72
1982--	427	117	199	78	59	63	55	86
number, 1987--	115 486	25 056	(D)	19 626	14 278	14 136	12 373	22 795
1982--	136 835	36 974	60 007	23 706	18 052	19 186	16 700	27 153
500 to 999 ----- farms, 1987--	224	49	59	12	24	16	26	32
1982--	214	56	79	18	22	31	26	37
number, 1987--	146 715	32 225	37 624	8 253	16 621	10 627	17 148	21 464
1982--	139 758	36 009	50 890	11 815	14 443	18 997	16 861	24 464
1,000 or more ----- farms, 1987--	88	27	25	7	5	9	9	18
1982--	66	23	21	6	8	12	12	22
number, 1987--	144 867	44 665	35 367	23 747	5 494	22 970	11 206	36 497
1982--	102 166	38 820	27 118	14 018	9 587	19 068	15 578	44 953
Hogs and pigs used or to be used for breeding ----- farms, 1987--	604	190	346	176	148	162	154	231
1982--	720	272	445	255	212	251	214	307
number, 1987--	47 426	14 715	16 846	8 134	5 280	10 593	6 894	14 288
1982--	40 319	14 082	17 618	9 628	6 328	10 930	6 947	16 608
1987 farms by inventory:								
1 to 24 ----- farms	131	62	115	76	71	72	70	97
25 to 49 ----- farms	119	33	104	52	43	50	35	60
50 to 99 ----- farms	200	55	91	38	22	20	27	42
100 or more ----- farms	154	40	36	10	12	20	22	32
number	27 521	9 050	5 744	2 864	1 499	6 627	2 939	8 457
Other hogs and pigs ----- farms, 1987--	994	256	436	208	176	186	190	281
1982--	1 080	342	583	301	245	295	255	356
number, 1987--	394 108	95 957	121 823	54 739	39 207	46 250	41 272	76 825
1982--	375 695	111 423	144 559	56 625	48 989	61 159	52 733	95 924
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987--	627	198	357	189	154	165	158	240
1982--	753	281	465	268	217	259	228	321
number, 1987--	74 495	23 743	24 833	12 734	8 323	15 732	10 051	20 414
1982--	62 301	21 861	26 612	13 551	9 195	16 323	11 792	22 008
Dec. 1 of preceding year and May 31 ----- farms, 1987--	605	191	334	172	144	149	141	216
1982--	703	257	424	245	199	234	195	286
number, 1987--	38 030	12 150	12 458	6 342	4 084	7 436	4 959	10 242
1982--	31 557	11 089	13 427	6 699	4 606	8 220	5 883	10 465
June 1 and Nov. 30 ----- farms, 1987--	589	181	323	172	137	156	143	218
1982--	687	261	412	236	195	229	192	294
number, 1987--	36 465	11 593	12 375	6 392	4 239	8 296	5 092	10 172
1982--	30 744	10 772	13 185	6 852	4 589	8 103	5 909	11 543
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987--	1 070	290	491	231	186	206	197	310
1982--	1 198	392	655	345	281	342	293	405
number, 1987--	873 187	221 283	249 542	98 679	74 186	132 498	83 003	163 172
1982--	711 065	208 755	270 181	106 484	90 089	134 395	96 970	180 192
\$1,000, 1987--	80 993	24 026	27 920	10 543	7 430	11 075	8 934	16 511
1982--	75 776	22 442	30 158	11 052	9 675	12 674	10 449	18 361
1987 farms by number sold:								
1 to 24 ----- farms	28	20	36	16	18	21	29	41
number	319	220	481	197	251	226	326	478
25 to 49 ----- farms	22	11	22	22	12	16	18	24
number	795	455	742	798	400	632	610	890
50 to 99 ----- farms	59	18	47	22	22	25	18	40
number	4 214	1 345	3 448	1 482	1 517	1 812	1 321	2 768
100 to 199 ----- farms	108	38	82	38	28	27	29	39
number	15 166	5 210	11 766	5 441	4 263	3 966	4 140	5 415
200 to 499 ----- farms	307	80	141	77	52	62	44	78
number	97 782	25 341	46 685	23 023	17 059	18 998	13 711	23 889
500 to 999 ----- farms	280	63	93	42	37	38	33	50
number	184 643	44 095	64 323	27 725	26 244	27 253	22 660	36 292
1,000 or more ----- farms	286	60	70	14	17	17	26	38
number	570 268	144 617	122 097	40 013	24 452	79 611	40 235	93 440
Feeder pigs sold ----- farms, 1987--	220	72	104	72	62	67	40	79
1982--	258	83	130	92	86	101	58	138
number, 1987--	173 790	41 607	33 137	20 418	18 077	69 102	14 773	46 183
1982--	121 584	28 348	40 200	20 277	18 993	49 149	18 614	52 402
\$1,000, 1987--	8 310	2 133	1 606	1 001	824	3 545	707	2 198
1982--	5 849	1 475	1 887	973	875	2 438	929	2 791
Hogs and pigs other than feeder pigs sold ----- farms, 1987--	1 031	282	468	211	169	188	189	293
1982--	1 140	380	635	313	260	322	271	373
number, 1987--	699 397	179 676	216 405	78 261	56 109	63 396	68 230	116 989
1982--	589 481	180 407	229 981	86 207	71 096	85 246	78 356	127 790
\$1,000, 1987--	82 682	21 893	26 314	9 543	6 606	7 530	8 227	14 313
1982--	69 928	20 966	28 270	10 079	8 800	10 236	9 520	15 570

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY</b>								
Hogs and pigs ----- farms, 1987..	592	167	250	236	710	449	229	197
1982..	710	231	328	311	805	598	295	303
number, 1987..	291 267	38 007	95 799	77 367	183 559	144 487	71 694	73 215
1982..	345 065	49 814	112 308	86 401	179 052	162 855	79 814	111 571
Farms by inventory:								
1 to 24 ----- farms, 1987..	56	29	24	5	89	54	19	18
1982..	46	23	35	31	100	67	36	17
number, 1987..	647	355	283	42	1 153	620	245	197
1982..	530	390	401	483	1 082	790	422	167
25 to 49 ----- farms, 1987..	33	24	17	9	61	27	18	14
1982..	42	24	32	26	71	65	30	27
number, 1987..	1 190	870	575	326	2 109	955	582	539
1982..	1 500	857	1 095	906	2 549	2 309	1 017	966
50 to 99 ----- farms, 1987..	48	21	22	34	106	53	31	18
1982..	58	47	46	39	130	68	32	34
number, 1987..	3 369	1 498	1 727	2 439	7 776	3 806	2 173	1 331
1982..	4 208	3 287	3 145	2 700	9 339	4 815	2 260	2 292
100 to 199 ----- farms, 1987..	74	31	39	52	147	82	35	40
1982..	106	55	61	56	182	121	55	64
number, 1987..	10 295	4 105	5 408	7 218	21 296	11 293	5 261	5 413
1982..	14 799	7 664	8 642	7 798	25 568	16 947	7 578	8 791
200 to 499 ----- farms, 1987..	161	46	91	92	206	136	80	61
1982..	214	54	86	108	224	177	99	95
number, 1987..	51 919	14 115	27 896	29 235	62 895	41 981	25 414	19 484
1982..	67 336	14 944	26 521	32 782	64 017	53 508	29 688	29 171
500 to 999 ----- farms, 1987..	141	8	42	33	76	74	36	44
1982..	155	22	46	35	80	74	26	31
number, 1987..	95 835	5 580	28 664	22 127	50 288	48 131	23 623	21 345
1982..	105 646	12 700	31 010	22 367	51 297	49 455	15 689	28 790
1,000 or more ----- farms, 1987..	79	8	15	11	24	24	10	15
1982..	89	6	22	16	18	26	17	22
number, 1987..	128 012	11 484	31 246	15 980	38 042	38 601	14 396	24 896
1982..	151 046	9 972	41 494	19 365	25 200	35 031	23 160	41 394
Hogs and pigs used or to be used for breeding ----- farms, 1987..	488	135	162	171	529	337	151	138
1982..	597	174	234	216	641	450	224	217
number, 1987..	41 993	5 045	11 163	10 087	23 038	20 318	8 540	9 933
1982..	47 440	6 045	12 755	10 038	22 963	23 361	11 264	14 321
1987 farms by inventory:								
1 to 24 ----- farms..	108	73	50	44	197	96	41	52
25 to 49 ----- farms..	98	31	42	48	178	88	46	20
50 to 99 ----- farms..	138	18	38	52	103	98	42	36
100 or more ----- farms..	144	13	32	27	51	55	22	30
number, 1987..	27 511	2 013	6 479	4 251	7 768	9 175	3 659	6 176
Other hogs and pigs ----- farms, 1987..	560	157	243	232	671	434	222	190
1982..	684	220	314	288	754	576	275	282
number, 1987..	249 274	32 962	84 636	67 280	160 521	124 169	63 154	63 282
1982..	297 625	43 769	99 553	76 363	156 089	139 494	68 550	97 250
<b>LITTERS</b>								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ----- farms, 1987..	499	138	180	181	546	358	160	143
1982..	619	181	243	230	665	477	240	235
number, 1987..	65 903	7 440	18 815	15 012	33 497	31 955	11 693	14 724
1982..	77 265	10 133	20 181	15 470	34 025	31 463	15 355	21 547
Dec. 1 of preceding year and May 31 ----- farms, 1987..	462	123	154	170	502	331	150	134
1982..	581	170	226	213	597	428	220	223
number, 1987..	32 553	3 657	9 206	7 578	17 119	16 378	5 597	7 500
1982..	38 306	5 303	10 074	7 602	17 007	16 055	7 502	11 099
June 1 and Nov. 30 ----- farms, 1987..	481	130	165	173	491	322	148	135
1982..	585	167	216	205	587	412	211	198
number, 1987..	33 350	3 783	9 609	7 434	16 378	15 577	6 096	7 224
1982..	38 959	4 830	10 107	7 868	17 018	15 408	7 853	10 448
<b>SALES</b>								
Hogs and pigs sold ----- farms, 1987..	605	178	270	252	743	470	245	219
1982..	738	251	358	331	843	639	332	340
number, 1987..	574 390	70 369	178 275	142 260	320 287	251 467	122 653	143 753
1982..	633 853	82 202	196 058	147 479	291 478	283 541	133 097	200 582
\$1,000, 1987..	56 567	7 080	19 605	15 178	34 265	25 691	13 754	15 234
1982..	62 568	8 623	20 735	15 781	31 036	29 361	15 059	21 342
1987 farms by number sold:								
1 to 24 ----- farms..	24	16	21	3	50	37	12	9
number..	290	224	274	22	679	430	126	127
25 to 49 ----- farms..	24	22	11	10	42	31	16	14
number..	800	752	362	352	1 400	1 137	543	526
50 to 99 ----- farms..	38	15	23	19	86	46	21	21
number..	2 651	1 020	1 606	1 350	6 422	3 144	1 531	1 510
100 to 199 ----- farms..	56	37	27	38	123	53	28	26
number..	8 030	5 199	4 024	5 401	16 799	7 594	4 018	3 575
200 to 499 ----- farms..	123	55	73	75	230	130	79	59
number..	40 631	18 481	22 619	23 328	73 038	41 289	25 734	18 538
500 to 999 ----- farms..	153	14	65	67	141	91	60	51
number..	106 813	8 745	44 284	48 519	95 603	62 008	42 350	35 457
1,000 or more ----- farms..	187	19	50	40	71	82	29	39
number..	415 175	35 968	105 106	63 288	126 346	135 855	48 351	84 020
Feeder pigs sold ----- farms, 1987..	173	50	54	61	179	129	46	42
1982..	220	58	85	74	179	164	55	68
number, 1987..	164 806	15 627	23 693	26 943	48 448	60 754	11 967	35 775
1982..	181 937	15 700	39 664	27 713	54 102	72 054	16 567	40 386
\$1,000, 1987..	7 472	759	1 174	1 321	2 327	2 862	560	1 757
1982..	9 243	737	1 994	1 342	2 581	3 446	825	1 963
Hogs and pigs other than feeder pigs sold ----- farms, 1987..	564	163	265	242	709	442	242	213
1982..	683	231	347	318	806	586	322	328
number, 1987..	409 584	54 742	154 582	115 317	271 839	190 713	110 686	107 978
1982..	451 916	66 502	156 394	119 766	237 376	211 487	116 530	160 196
\$1,000, 1987..	49 094	6 321	18 431	13 857	31 938	22 829	13 195	13 477
1982..	53 326	7 886	18 741	14 439	28 456	25 916	14 234	19 379

**Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
	Sheep and lambs inventory ----- farms, 1987..	8 636	94	35	87	86	62
1982..	9 988	121	45	78	104	76	187
number, 1987..	451 617	3 539	2 846	2 534	5 027	3 561	9 460
1982..	486 316	5 542	2 981	2 340	6 334	5 932	6 252
1987 farms by inventory:							
1 to 24 .....	4 149	51	17	52	24	24	109
25 to 99 .....	3 628	33	12	31	48	27	56
100 to 299 .....	719	9	4	4	14	10	15
300 to 999 .....	117	1	2	-	-	1	6
1,000 or more .....	23	-	-	-	-	-	-
Ewes 1 year old or older ----- farms, 1987..	8 089	91	33	84	84	57	175
1982..	9 256	117	36	72	96	72	170
number, 1987..	280 591	2 761	1 384	1 913	3 240	2 676	5 907
1982..	297 326	3 172	2 052	1 513	4 230	2 628	4 173
Sheep and lambs shorn ----- farms, 1987..	8 052	92	33	83	86	59	168
1982..	9 380	113	34	67	101	78	164
number, 1987..	542 200	3 235	2 423	2 003	4 967	3 347	10 079
1982..	493 205	6 774	2 523	1 624	6 205	5 452	5 213
pounds of wool, 1987..	2 901 639	23 158	14 330	15 322	36 059	23 687	66 021
1982..	3 379 775	47 279	18 937	11 977	48 576	36 131	36 256
Sheep and lambs sold ----- farms, 1987..	8 806	97	39	84	92	68	178
1982..	10 327	123	46	74	107	83	182
number, 1987..	607 492	3 194	2 995	1 777	4 032	3 592	11 400
1982..	496 676	6 834	2 228	1 662	5 250	6 501	4 463
Sheep, lambs, and wool sold ----- farms, 1987..	8 922	98	40	87	92	68	181
1982..	10 484	125	47	76	107	84	184
\$1,000, 1987..	46 157	257	239	130	312	284	925
1982..	26 703	370	103	78	257	330	233
Horses and ponies inventory ----- farms, 1987..	11 647	96	83	117	131	90	109
1982..	14 106	154	104	107	146	105	148
number, 1987..	59 338	586	325	560	476	406	479
1982..	68 368	767	401	485	528	459	669
Horses and ponies sold ----- farms, 1987..	2 453	16	13	22	15	22	22
1982..	2 917	32	20	25	17	17	30
number, 1987..	9 909	226	32	87	42	66	114
1982..	10 809	75	64	64	223	73	132
\$1,000, 1987..	7 487	82	17	31	13	39	38
1982..	10 709	41	26	36	123	74	51
Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Sheep and lambs inventory ----- farms, 1987..	90	97	94	114	84	133	85
1982..	115	111	114	107	70	166	109
number, 1987..	3 686	4 203	2 833	2 461	6 247	5 219	5 201
1982..	4 554	3 073	2 919	2 732	7 966	5 630	6 975
1987 farms by inventory:							
1 to 24 .....	47	51	61	86	29	72	36
25 to 99 .....	37	39	26	24	41	48	40
100 to 299 .....	5	6	6	4	9	12	6
300 to 999 .....	1	1	1	-	5	1	3
1,000 or more .....	-	-	-	-	-	-	-
Ewes 1 year old or older ----- farms, 1987..	84	90	85	104	76	127	79
1982..	111	98	108	95	69	149	96
number, 1987..	2 338	2 177	2 032	1 581	4 072	3 630	2 892
1982..	2 825	2 028	1 927	1 815	3 569	4 003	4 539
Sheep and lambs shorn ----- farms, 1987..	85	90	82	97	76	125	83
1982..	113	101	109	93	71	150	94
number, 1987..	4 279	3 419	2 797	2 268	5 308	4 776	5 683
1982..	4 455	2 981	2 670	2 061	7 584	6 303	7 323
pounds of wool, 1987..	25 724	24 469	16 919	14 626	35 143	35 103	35 927
1982..	27 070	20 000	19 604	16 407	51 662	45 276	44 003
Sheep and lambs sold ----- farms, 1987..	101	95	90	106	82	141	92
1982..	116	113	114	102	76	163	118
number, 1987..	5 228	3 665	2 913	2 029	5 389	5 429	5 201
1982..	4 580	3 147	2 486	2 144	7 938	5 828	7 566
Sheep, lambs, and wool sold ----- farms, 1987..	102	95	91	114	86	144	93
1982..	122	116	117	102	76	168	118
\$1,000, 1987..	401	214	227	147	406	401	373
1982..	216	150	131	92	439	333	382
Horses and ponies inventory ----- farms, 1987..	146	142	106	215	83	142	94
1982..	156	160	128	215	86	161	122
number, 1987..	733	610	620	1 569	488	742	397
1982..	666	731	667	1 554	514	914	622
Horses and ponies sold ----- farms, 1987..	30	26	27	69	19	33	19
1982..	36	41	35	71	20	49	23
number, 1987..	78	73	87	289	76	119	135
1982..	95	121	122	227	120	176	99
\$1,000, 1987..	160	46	42	197	58	101	(D)
1982..	130	57	84	149	73	144	67

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item								
	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
Sheep and lambs inventory	farms, 1987	68	92	193	66	84	63	72
	1982	78	112	197	97	106	56	80
number, 1987	5 205	3 851	7 615	2 106	4 430	1 497	2 438	
	1982	2 839	4 908	7 360	2 947	5 345	1 694	2 395
1987 farms by inventory:								
1 to 24	33	46	81	34	42	41	33	
25 to 99	26	39	100	29	33	21	35	
100 to 299	8	6	11	3	7	1	4	
300 to 999	-	1	1	-	1	-	-	
1,000 or more	1	-	-	-	1	-	-	
Ewes 1 year old or older	farms, 1987	62	89	183	61	76	60	71
	1982	74	109	181	90	100	55	75
number, 1987	3 278	2 725	5 759	1 515	2 655	1 170	1 720	
	1982	2 208	2 648	4 868	2 002	3 196	1 299	1 585
Sheep and lambs shorn	farms, 1987	71	83	188	61	73	52	69
	1982	79	104	183	91	100	55	78
number, 1987	5 262	3 778	8 968	1 943	5 625	1 210	2 315	
	1982	3 055	4 640	6 266	2 820	7 736	1 549	1 889
pounds of wool, 1987	35 160	25 537	58 371	14 659	70 847	8 884	15 013	
	1982	25 477	33 187	47 509	21 228	55 922	10 882	13 072
Sheep and lambs sold	farms, 1987	73	89	192	70	85	58	72
	1982	93	111	197	101	114	56	81
number, 1987	5 133	3 042	7 906	1 609	7 215	1 149	1 808	
	1982	3 461	4 301	6 367	2 668	7 720	1 369	1 853
Sheep, lambs, and wool sold	farms, 1987	74	90	195	70	85	58	72
	1982	94	111	199	102	114	57	81
\$1,000, 1987	(D)	227	544	120	614	(D)	157	
	1982	184	215	331	130	435	65	92
Horses and ponies inventory	farms, 1987	83	95	91	126	110	96	120
	1982	94	143	125	109	142	129	160
number, 1987	317	375	395	689	681	549	645	
	1982	508	602	517	590	575	595	643
Horses and ponies sold	farms, 1987	11	15	16	26	24	19	28
	1982	16	35	17	40	16	27	20
number, 1987	27	57	55	97	134	51	145	
	1982	77	141	74	132	58	79	100
\$1,000, 1987	16	17	34	146	53	18	53	
	1982	(D)	132	57	92	32	90	90

Item								
	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur	
Sheep and lambs inventory	farms, 1987	82	84	118	89	68	173	46
	1982	100	75	132	108	107	226	42
number, 1987	9 000	1 897	4 491	7 374	2 229	11 116	2 289	
	1982	10 517	2 034	3 755	7 834	3 373	18 157	1 825
1987 farms by inventory:								
1 to 24	27	54	65	35	38	51	22	
25 to 99	33	29	41	46	25	93	20	
100 to 299	17	1	12	4	5	26	3	
300 to 999	2	-	-	3	-	3	1	
1,000 or more	3	-	-	1	-	-	-	
Ewes 1 year old or older	farms, 1987	78	80	115	82	85	164	40
	1982	94	71	125	91	100	216	40
number, 1987	5 127	1 380	3 196	2 893	1 590	7 290	1 638	
	1982	5 806	1 528	2 493	2 545	2 350	11 019	1 384
Sheep and lambs shorn	farms, 1987	81	80	114	81	60	165	39
	1982	94	73	124	107	106	216	42
number, 1987	9 228	1 626	4 589	11 108	2 561	10 752	1 781	
	1982	10 426	1 761	3 510	6 447	3 118	19 447	1 654
pounds of wool, 1987	62 159	14 026	31 668	74 757	14 733	77 288	13 157	
	1982	59 557	15 569	24 248	49 655	21 520	141 192	12 573
Sheep and lambs sold	farms, 1987	86	81	118	91	70	176	44
	1982	101	76	129	134	122	232	47
number, 1987	10 906	1 444	3 877	14 035	2 843	7 976	1 937	
	1982	8 748	1 537	2 641	10 169	2 981	14 252	1 348
Sheep, lambs, and wool sold	farms, 1987	87	83	121	93	72	179	44
	1982	101	78	131	136	127	232	47
\$1,000, 1987	1 063	108	294	1 121	(D)	597	124	
	1982	476	68	137	531	142	743	67
Horses and ponies inventory	farms, 1987	80	183	169	112	167	202	170
	1982	128	192	203	126	187	219	193
number, 1987	422	857	887	564	910	1 229	799	
	1982	815	1 226	987	446	946	1 378	977
Horses and ponies sold	farms, 1987	23	43	29	16	31	57	19
	1982	44	55	49	22	45	52	30
number, 1987	77	292	109	31	131	187	85	
	1982	167	246	136	78	160	187	83
\$1,000, 1987	73	106	126	12	357	79	24	
	1982	184	127	137	37	426	115	68

**Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	County								
	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	
Sheep and lambs inventory	farms, 1987..	79	62	63	65	34	106	57	81
	1982..	80	68	73	74	38	100	115	114
number, 1987..	3 101	2 581	4 293	2 138	2 032	4 784	1 560	3 290	
	1982..	2 277	2 443	4 521	2 054	1 520	3 224	3 829	6 740
1987 farms by inventory:									
1 to 24	45	28	26	34	15	68	32	41	
25 to 99	25	28	29	27	14	26	24	33	
100 to 299	8	6	6	4	4	9	1	6	
300 to 999	1	-	1	-	1	3	-	1	
1,000 or more	-	-	1	-	-	-	-	-	
Ewes 1 year old or older	farms, 1987..	75	58	60	56	31	99	55	71
	1982..	76	65	69	65	34	88	112	92
number, 1987..	1 892	1 690	2 442	1 548	1 559	3 560	1 076	2 111	
	1982..	1 936	1 936	3 561	1 400	994	1 948	2 852	2 352
Sheep and lambs shorn	farms, 1987..	73	55	59	54	29	92	56	71
	1982..	74	65	67	68	35	89	110	95
number, 1987..	2 281	2 230	5 176	1 898	1 741	5 558	1 335	3 352	
	1982..	2 395	2 710	4 731	1 764	1 793	3 225	3 904	4 830
pounds of wool, 1987..	14 895	16 916	29 038	13 290	12 374	32 181	9 554	19 217	
	1982..	15 368	17 133	31 730	13 679	12 501	21 734	28 566	28 108
Sheep and lambs sold	farms, 1987..	78	63	62	60	38	103	63	80
	1982..	77	70	72	77	43	102	108	111
number, 1987..	2 206	1 983	3 897	1 819	2 015	5 220	2 104	2 613	
	1982..	2 500	2 020	5 194	1 573	1 401	3 445	3 124	7 760
Sheep, lambs, and wool sold	farms, 1987..	78	63	63	63	39	105	65	82
	1982..	78	74	74	79	43	104	113	112
\$1,000, 1987..	171	160	279	(D)	158	455	124	203	
	1982..	131	113	296	72	71	152	157	473
Horses and ponies inventory	farms, 1987..	132	74	61	131	69	146	115	79
	1982..	152	99	63	167	89	178	125	104
number, 1987..	679	435	265	670	298	635	589	470	
	1982..	829	442	319	732	422	783	640	521
Horses and ponies sold	farms, 1987..	18	23	12	34	19	33	33	24
	1982..	30	18	8	35	18	35	34	27
number, 1987..	52	70	49	294	36	111	125	134	
	1982..	99	60	19	193	41	120	137	140
\$1,000, 1987..	22	40	45	154	12	67	58	(D)	
	1982..	86	27	13	94	34	109	261	171

Item	County								
	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison	
Sheep and lambs inventory	farms, 1987..	22	97	104	78	73	56	81	33
	1982..	27	131	106	94	98	84	94	59
number, 1987..	(D)	5 127	4 262	2 431	3 069	2 714	2 265	1 713	
	1 641	6 735	6 858	3 755	3 675	5 280	2 861	2 501	
1987 farms by inventory:									
1 to 24	8	41	54	47	34	31	53	16	
25 to 99	12	45	41	28	35	19	24	13	
100 to 299	1	9	8	2	3	5	4	4	
300 to 999	1	2	1	1	1	1	-	-	
1,000 or more	-	-	-	-	-	-	-	-	
Ewes 1 year old or older	farms, 1987..	21	91	101	72	69	51	76	33
	1982..	26	123	102	84	93	82	87	49
number, 1987..	755	3 537	3 191	1 505	2 302	1 506	1 552	1 277	
	1982..	664	4 594	2 885	2 605	2 420	3 296	2 254	1 629
Sheep and lambs shorn	farms, 1987..	21	88	99	72	68	53	72	32
	1982..	25	124	104	85	94	87	90	52
number, 1987..	(D)	5 346	5 090	1 975	2 751	2 755	1 802	1 573	
	1 799	8 282	9 910	3 218	2 965	4 699	3 056	2 812	
pounds of wool, 1987..	7 021	32 547	31 656	14 691	19 152	20 997	13 072	11 481	
	1982..	9 935	50 572	66 160	25 414	21 264	31 781	21 530	25 642
Sheep and lambs sold	farms, 1987..	23	103	106	80	76	58	77	35
	1982..	31	135	111	96	100	91	102	61
number, 1987..	(D)	5 920	5 177	2 799	2 835	2 588	1 853	1 367	
	1 816	9 104	9 669	3 064	3 164	5 467	2 825	2 386	
Sheep, lambs, and wool sold	farms, 1987..	23	103	107	81	76	60	80	35
	1982..	31	135	114	97	103	91	102	62
\$1,000, 1987..	65	458	402	176	212	207	137	96	
	1982..	95	442	577	141	176	268	188	122
Horses and ponies inventory	farms, 1987..	84	90	90	127	97	66	111	112
	1982..	94	119	109	148	132	98	132	135
number, 1987..	364	447	444	500	530	360	713	422	
	1982..	300	522	621	756	549	394	771	457
Horses and ponies sold	farms, 1987..	12	16	26	26	28	15	33	16
	1982..	14	22	26	27	22	15	31	16
number, 1987..	27	146	98	48	128	42	160	31	
	1982..	24	297	93	83	120	54	142	29
\$1,000, 1987..	12	65	51	16	128	21	106	26	
	1982..	21	157	59	30	162	191	175	21

**Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	County							
	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Sheep and lambs inventory ----- farms, 1987..	109	47	66	58	110	92	144	92
1982..	123	56	82	69	111	102	175	104
number, 1987..	4 835	3 857	2 297	3 058	4 579	3 467	5 877	5 262
1982..	6 744	2 701	3 761	2 978	4 953	4 042	5 426	4 193
1987 farms by inventory:								
1 to 24 .....	49	18	39	25	56	52	64	47
25 to 99 .....	49	21	21	20	46	32	70	36
100 to 299 .....	9	6	6	13	7	8	10	7
300 to 999 .....	2	2	-	-	1	-	-	1
1,000 or more .....	-	-	-	-	-	-	-	1
Ewes 1 year old or older ----- farms, 1987..	104	46	64	58	102	85	136	75
1982..	110	52	76	59	104	96	154	90
number, 1987..	3 224	2 156	1 593	2 319	2 847	2 167	4 102	2 469
1982..	4 051	1 869	2 542	2 026	3 379	2 879	4 054	2 642
Sheep and lambs shorn ----- farms, 1987..	107	48	68	60	100	83	133	73
1982..	110	50	79	62	104	100	154	94
number, 1987..	5 338	4 458	2 691	3 476	4 451	3 027	4 868	4 812
1982..	6 103	1 990	3 241	2 508	4 426	3 298	5 116	3 705
pounds of wool, 1987..	33 700	27 726	20 254	21 967	26 529	17 735	32 808	35 014
1982..	42 763	16 977	25 899	17 316	29 978	23 440	35 658	25 720
Sheep and lambs sold ----- farms, 1987..	115	49	74	64	118	89	149	84
1982..	121	54	93	73	115	109	186	107
number, 1987..	4 572	4 010	2 607	3 354	4 174	2 544	4 467	4 900
1982..	5 700	1 924	3 210	2 826	3 702	2 630	5 356	4 701
Sheep, lambs, and wool sold ----- farms, 1987..	115	49	75	64	120	91	149	87
1982..	121	54	93	74	115	109	190	108
\$1,000, 1987..	376	334	205	(D)	350	184	359	371
1982..	276	95	173	164	210	125	271	232
Horses and ponies inventory ----- farms, 1987..	112	83	47	70	100	178	176	87
1982..	110	90	101	84	153	214	193	141
number, 1987..	757	385	268	317	556	884	878	573
1982..	713	384	383	336	667	1 216	918	868
Horses and ponies sold ----- farms, 1987..	34	13	10	15	25	37	40	23
1982..	29	21	23	12	32	42	36	32
number, 1987..	140	49	90	156	139	166	153	126
1982..	119	55	54	33	103	177	197	160
\$1,000, 1987..	181	12	29	132	128	62	63	137
1982..	83	27	43	26	90	168	137	302

Item	County							
	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Sheep and lambs inventory ----- farms, 1987..	199	96	122	131	88	172	54	80
1982..	242	110	144	168	102	184	65	77
number, 1987..	12 079	2 874	12 007	6 624	4 691	7 003	2 027	3 819
1982..	11 766	3 871	11 436	7 660	7 922	5 899	2 100	6 437
1987 farms by inventory:								
1 to 24 .....	89	52	48	51	36	88	30	33
25 to 99 .....	88	43	51	63	41	70	23	42
100 to 299 .....	19	1	13	16	10	11	1	4
300 to 999 .....	2	-	7	1	1	3	-	1
1,000 or more .....	1	-	3	-	-	-	-	-
Ewes 1 year old or older ----- farms, 1987..	187	90	112	123	82	163	54	76
1982..	223	104	138	157	96	172	53	75
number, 1987..	6 340	1 948	6 573	4 422	3 353	5 363	1 496	2 566
1982..	6 543	2 783	5 437	5 523	4 713	3 828	1 461	4 459
Sheep and lambs shorn ----- farms, 1987..	182	86	113	122	82	164	57	73
1982..	223	98	139	161	97	188	59	79
number, 1987..	9 555	2 369	12 046	7 113	4 701	7 567	1 823	3 676
1982..	14 057	3 474	16 801	7 584	8 465	6 483	1 862	7 486
pounds of wool, 1987..	62 097	17 016	66 283	44 500	28 269	49 985	12 134	24 032
1982..	89 315	24 978	90 851	51 605	56 713	43 842	13 091	48 626
Sheep and lambs sold ----- farms, 1987..	196	95	126	137	90	175	60	81
1982..	247	105	150	172	103	195	66	80
number, 1987..	10 987	2 340	12 674	6 642	3 832	6 104	1 801	4 595
1982..	13 440	3 184	15 885	6 414	5 803	6 496	1 435	7 667
Sheep, lambs, and wool sold ----- farms, 1987..	197	97	126	138	91	178	60	82
1982..	252	109	151	173	105	201	68	83
\$1,000, 1987..	921	164	1 062	489	277	445	125	387
1982..	713	151	968	312	320	367	80	432
Horses and ponies inventory ----- farms, 1987..	229	139	96	123	139	223	58	138
1982..	272	161	127	173	164	267	83	153
number, 1987..	1 307	618	559	499	780	1 608	266	550
1982..	1 627	787	763	727	728	1 542	366	666
Horses and ponies sold ----- farms, 1987..	48	25	37	19	32	42	14	30
1982..	70	33	35	31	40	46	18	25
number, 1987..	275	75	104	51	115	146	41	126
1982..	336	164	114	70	124	107	27	81
\$1,000, 1987..	127	39	48	21	80	253	44	51
1982..	222	120	68	57	68	99	28	75

**Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon		Madison		Mahaska		Marion		Marshall		Mills		Mitchell		Monona	
	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982
Sheep and lambs inventory	farms, 1987	102	103	105	87	108	34	71	41							
	1982	100	123	105	83	128	32	84	57							
	number, 1987	7 539	5 678	4 963	4 066	4 686	1 248	1 964	1 838							
	1982	7 507	6 346	6 819	6 896	4 820	1 332	3 705	4 095							
1987 farms by inventory:																
	1 to 24	35	53	44	42	46	18	46	19							
	25 to 99	49	39	46	37	53	13	23	17							
	100 to 299	13	10	15	6	8	3	2	5							
	300 to 999	5	-	-	2	1	-	-	-							
	1,000 or more	-	1	-	-	-	-	-	-							
Ewes 1 year old or older	farms, 1987	92	96	102	84	101	31	64	40							
	1982	83	110	103	77	119	29	80	53							
	number, 1987	4 834	4 011	3 713	3 133	3 378	812	1 427	1 259							
	1982	4 004	4 666	3 810	3 192	3 237	697	2 491	2 411							
Sheep and lambs shorn	farms, 1987	93	94	98	84	95	33	65	42							
	1982	92	113	104	83	115	31	81	51							
	number, 1987	7 485	5 983	4 518	3 867	4 895	1 448	2 023	1 946							
	1982	6 527	6 465	6 253	6 030	4 387	1 365	2 993	2 468							
	pounds of wool, 1987	46 887	30 794	33 547	25 705	31 028	9 996	13 422	13 178							
	1982	43 879	40 812	41 337	42 425	32 420	10 020	23 868	18 892							
Sheep and lambs sold	farms, 1987	104	100	105	93	106	36	71	45							
	1982	117	122	105	83	129	36	88	57							
	number, 1987	7 258	5 916	4 819	3 390	5 227	1 206	2 454	2 148							
	1982	7 987	6 137	5 361	6 371	4 173	1 479	3 733	3 197							
Sheep, lambs, and wool sold	farms, 1987	105	104	106	95	108	36	72	46							
	1982	117	125	108	86	131	36	90	58							
	\$1,000, 1987	589	402	399	260	419	104	174	179							
	1982	443	290	287	270	221	79	209	154							
Horses and ponies inventory	farms, 1987	98	195	119	150	102	69	84	56							
	1982	123	223	139	164	154	77	92	103							
	number, 1987	442	820	545	756	537	258	476	216							
	1982	503	983	723	748	599	304	506	520							
Horses and ponies sold	farms, 1987	23	31	19	35	22	11	17	12							
	1982	27	52	24	24	33	7	26	16							
	number, 1987	60	127	67	123	91	22	104	46							
	1982	59	157	112	92	91	28	54	106							
	\$1,000, 1987	33	86	35	61	106	12	38	19							
	1982	27	149	59	48	136	33	60	34							

Item	Monroe		Montgomery		Muscatine		O'Brien		Osceola		Page		Palo Alto		Plymouth	
	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982	1987	1982
Sheep and lambs inventory	farms, 1987	80	44	105	91	56	50	55	124							
	1982	78	52	95	114	69	51	70	134							
	number, 1987	2 901	2 329	3 774	4 158	3 981	2 078	4 277	7 421							
	1982	4 790	2 645	3 042	4 958	14 300	4 144	4 511	5 847							
1987 farms by inventory:																
	1 to 24	42	18	62	38	19	22	31	58							
	25 to 99	33	21	37	43	22	22	21	50							
	100 to 299	5	4	4	10	13	6	1	9							
	300 to 999	-	1	2	-	2	-	-	7							
	1,000 or more	-	-	-	-	-	-	2	-							
Ewes 1 year old or older	farms, 1987	73	40	102	86	49	47	50	111							
	1982	76	49	88	103	62	50	66	124							
	number, 1987	2 190	1 727	2 603	2 906	2 784	1 549	2 833	5 239							
	1982	2 447	1 943	2 192	3 537	3 509	1 921	2 118	3 835							
Sheep and lambs shorn	farms, 1987	70	41	99	92	54	48	50	111							
	1982	77	52	87	106	67	50	66	122							
	number, 1987	3 027	1 697	3 647	4 994	3 968	2 555	3 515	8 187							
	1982	5 542	2 340	2 568	5 778	15 752	4 198	14 724	6 127							
	pounds of wool, 1987	21 654	11 886	23 072	32 346	26 264	15 737	18 991	65 923							
	1982	41 111	17 447	18 045	41 109	102 346	24 334	90 416	43 325							
Sheep and lambs sold	farms, 1987	75	44	105	99	59	57	59	121							
	1982	76	53	100	117	76	56	76	139							
	number, 1987	2 763	1 236	3 136	4 484	3 632	2 012	5 065	8 240							
	1982	4 859	3 385	2 816	5 310	31 649	3 146	13 363	6 092							
Sheep, lambs, and wool sold	farms, 1987	75	44	106	100	60	57	59	124							
	1982	79	54	102	118	76	56	77	139							
	\$1,000, 1987	209	90	251	387	303	151	311	(D)							
	1982	318	174	150	319	1 899	179	858	336							
Horses and ponies inventory	farms, 1987	143	82	107	89	43	128	62	183							
	1982	162	122	123	94	50	151	79	205							
	number, 1987	620	256	570	573	145	530	274	865							
	1982	742	462	557	405	195	555	441	896							
Horses and ponies sold	farms, 1987	25	10	24	16	5	24	11	23							
	1982	25	17	23	21	12	27	15	33							
	number, 1987	90	21	64	130	16	84	30	56							
	1982	88	51	59	77	32	95	60	82							
	\$1,000, 1987	59	11	29	95	5	42	48	26							
	1982	38	27	56	73	18	74	62	60							

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	1987 and 1982							
	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Sheep and lambs inventory ----- farms, 1987..	47	68	98	104	43	100	109	65
1982..	56	79	125	122	45	124	109	84
number, 1987..	2 716	2 819	3 815	5 999	2 190	6 951	3 251	2 270
1982..	2 700	3 661	5 655	4 829	1 998	7 011	3 303	3 103
1987 farms by inventory:								
1 to 24 .....	15	38	49	38	18	37	56	31
25 to 99 .....	21	21	38	48	20	49	52	31
100 to 299 .....	11	9	11	16	4	8	1	3
300 to 999 .....	-	-	-	2	1	5	-	-
1,000 or more .....	-	-	-	-	-	1	-	-
Ewes 1 year old or older ----- farms, 1987..	44	60	92	98	39	97	100	62
1982..	53	76	119	116	42	121	101	73
number, 1987..	2 098	1 909	2 433	3 647	1 491	5 107	2 179	1 669
1982..	1 774	2 504	3 422	3 459	1 355	4 896	2 104	1 988
Sheep and lambs shorn ----- farms, 1987..	47	59	88	103	43	95	101	59
1982..	57	71	116	109	41	123	105	81
number, 1987..	3 057	2 592	3 232	6 551	1 969	7 913	2 713	2 298
1982..	3 144	3 238	4 682	4 605	1 919	6 848	3 246	3 078
pounds of wool, 1987..	21 180	14 291	22 513	38 242	14 846	51 983	18 682	15 263
1982..	19 899	22 892	34 900	33 426	13 999	42 982	21 524	23 047
Sheep and lambs sold ----- farms, 1987..	50	72	98	117	44	102	105	63
1982..	64	86	121	126	44	128	112	68
number, 1987..	3 271	2 860	2 635	7 808	1 837	6 713	2 518	2 172
1982..	3 816	3 997	4 363	4 393	1 820	5 660	2 401	2 879
Sheep, lambs, and wool sold ----- farms, 1987..	50	72	100	117	44	103	108	64
1982..	64	86	129	127	44	128	112	90
\$1,000, 1987..	261	211	250	528	145	587	205	(D)
1982..	212	226	225	266	92	313	120	154
Horses and ponies inventory ----- farms, 1987..	52	135	233	102	86	73	128	95
1982..	87	158	313	115	118	104	125	130
number, 1987..	297	824	1 407	476	311	305	945	527
1982..	477	761	1 536	498	616	487	908	605
Horses and ponies sold ----- farms, 1987..	13	40	45	23	20	11	25	17
1982..	17	45	58	19	21	20	27	26
number, 1987..	107	165	204	40	105	35	104	52
1982..	43	119	362	62	76	98	107	113
\$1,000, 1987..	(D)	214	290	20	27	(D)	126	64
1982..	29	281	711	49	69	149	159	152

Item	1987 and 1982							
	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Sheep and lambs inventory ----- farms, 1987..	152	102	139	40	65	128	74	88
1982..	125	106	150	77	72	144	115	80
number, 1987..	28 852	4 032	4 969	1 523	(D)	7 285	3 042	2 216
1982..	5 167	4 228	6 606	5 906	3 441	7 438	4 340	2 603
1987 farms by inventory:								
1 to 24 .....	55	50	69	21	37	46	43	53
25 to 99 .....	67	42	62	15	24	70	26	35
100 to 299 .....	14	10	8	4	3	11	3	-
300 to 999 .....	13	-	-	-	-	-	2	-
1,000 or more .....	3	-	-	-	1	1	-	-
Ewes 1 year old or older ----- farms, 1987..	139	98	129	38	60	120	70	78
1982..	116	97	139	68	70	138	108	72
number, 1987..	15 768	2 703	3 621	1 178	1 160	4 582	1 801	1 514
1982..	3 408	2 845	4 275	4 386	1 923	5 113	2 735	1 728
Sheep and lambs shorn ----- farms, 1987..	148	95	130	40	66	125	65	72
1982..	104	98	139	75	71	142	106	75
number, 1987..	37 584	3 420	5 142	2 689	(D)	6 410	2 829	1 922
1982..	6 204	4 275	6 654	5 894	2 679	7 427	3 456	1 939
pounds of wool, 1987..	167 124	23 000	36 653	13 942	57 973	49 990	21 011	12 964
1982..	44 453	32 035	46 015	36 857	18 216	54 621	26 478	13 313
Sheep and lambs sold ----- farms, 1987..	176	104	149	44	75	125	69	88
1982..	129	109	164	85	78	151	111	82
number, 1987..	106 081	3 371	5 038	3 350	(D)	4 939	1 888	1 796
1982..	6 944	4 580	6 297	4 681	2 432	5 663	3 120	1 884
Sheep, lambs, and wool sold ----- farms, 1987..	176	104	151	45	75	127	70	88
1982..	129	111	167	89	78	151	113	85
\$1,000, 1987..	7 980	277	435	275	(D)	352	158	(D)
1982..	380	249	358	239	131	279	148	89
Horses and ponies inventory ----- farms, 1987..	143	140	108	99	146	159	139	249
1982..	171	170	161	129	177	190	187	221
number, 1987..	672	800	427	398	652	954	594	1 384
1982..	694	935	604	521	715	1 048	739	1 267
Horses and ponies sold ----- farms, 1987..	22	42	23	11	24	37	36	49
1982..	32	57	30	13	32	34	37	52
number, 1987..	68	143	54	63	56	127	93	282
1982..	132	192	73	73	100	128	98	206
\$1,000, 1987..	96	170	31	58	37	122	49	610
1982..	78	220	193	49	60	93	79	357

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Sheep and lambs inventory ----- farms, 1987--	142	53	62	57	106	105	67	70
1982--	147	63	71	77	136	149	65	104
number, 1987--	8 542	2 696	2 887	2 071	6 023	4 863	2 234	2 393
1982--	8 266	5 186	2 964	3 735	5 121	7 628	2 531	3 103
1987 farms by inventory:								
1 to 24 -----	54	16	31	31	44	40	36	37
25 to 99 -----	76	31	21	22	52	53	26	29
100 to 299 -----	10	5	10	4	7	11	5	4
300 to 999 -----	1	1	-	-	2	1	-	-
1,000 or more -----	1	-	-	-	1	-	-	-
Ewes 1 year old or older ----- farms, 1987--	135	48	58	53	106	99	62	65
1982--	138	57	61	75	125	136	65	96
number, 1987--	4 287	2 133	2 082	1 618	3 841	3 166	1 564	1 862
1982--	4 360	2 302	2 224	2 875	3 745	5 167	1 838	2 327
Sheep and lambs shorn ----- farms, 1987--	133	52	56	55	100	98	67	65
1982--	142	57	59	75	125	141	66	104
number, 1987--	9 008	2 788	2 399	2 237	6 117	5 091	1 946	2 288
1982--	6 039	4 702	2 196	3 541	4 341	9 937	2 595	2 871
pounds of wool, 1987--	51 907	20 025	17 728	17 950	34 415	27 790	14 665	18 194
1982--	42 759	30 820	18 696	28 077	32 381	57 280	17 534	23 127
Sheep and lambs sold ----- farms, 1987--	145	57	63	61	103	106	67	67
1982--	154	64	75	81	135	158	69	109
number, 1987--	9 241	2 206	2 283	2 090	5 751	4 768	1 881	2 132
1982--	7 361	4 142	2 971	2 891	4 172	10 533	2 559	3 132
Sheep, lambs, and wool sold ----- farms, 1987--	145	57	64	61	104	107	68	69
1982--	157	64	76	81	138	161	69	113
\$1,000, 1987--	767	181	191	153	449	346	143	162
1982--	380	233	144	180	221	513	134	141
Horses and ponies inventory ----- farms, 1987--	139	112	114	57	179	188	46	75
1982--	168	133	162	75	194	224	63	98
number, 1987--	791	622	482	359	807	836	169	279
1982--	857	638	842	348	922	938	341	401
Horses and ponies sold ----- farms, 1987--	46	26	24	12	40	33	7	17
1982--	48	23	41	13	32	37	14	20
number, 1987--	160	68	60	51	133	114	20	49
1982--	123	79	161	(D)	89	102	46	54
\$1,000, 1987--	98	36	45	26	67	97	18	26
1982--	69	42	89	(D)	85	84	72	41

**Table 14. Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>INVENTORY</b>							
Any poultry ----- farms, 1987..	6 472	77	42	58	63	50	79
1982..	9 281	114	77	98	84	75	133
Chickens 3 months old or older ----- farms, 1987..	4 897	63	34	48	53	32	56
1982..	7 637	105	66	86	77	57	112
number, 1987..	9 580 666	3 695	2 697	14 860	1 850	(D)	278 755
1982..	9 584 663	8 364	5 834	17 908	3 114	72 805	(D)
Hens and pullets of laying age ----- farms, 1987..	4 834	62	34	46	53	32	55
1982..	7 543	105	65	86	76	57	112
number, 1987..	8 212 576	(D)	(D)	14 506	1 747	(D)	278 373
1982..	8 234 227	7 661	5 710	17 424	2 834	71 282	(D)
1987 farms by inventory:							
1 to 99 -----	3 623	51	25	39	49	18	43
100 to 399 -----	816	10	8	3	4	11	9
400 to 3,199 -----	151	1	1	3	-	1	-
3,200 to 9,999 -----	90	-	-	-	-	1	-
10,000 to 19,999 -----	79	-	-	1	-	-	-
20,000 to 49,999 -----	39	-	-	-	-	1	2
50,000 to 99,999 -----	22	-	-	-	-	-	-
100,000 or more ----- farms..	14	-	-	-	-	-	1
number..	3 580 004	-	-	-	-	-	(D)
Pullets 3 months old or older not of laying age ----- farms, 1987..	487	2	2	8	5	4	8
1982..	702	14	11	8	5	8	8
number, 1987..	1 368 090	(D)	(D)	354	103	1 205	382
1982..	1 350 436	703	124	484	280	1 523	112
Pullet chicks and pullets under 3 months old ----- farms, 1987..	117	-	2	5	1	-	-
1982..	155	1	3	2	-	1	2
number, 1987..	1 381 043	-	(D)	27	(D)	-	-
1982..	1 574 221	(D)	(D)	(D)	-	(D)	(D)
Broilers and other meat-type chickens ----- farms, 1987..	1 541	21	13	18	3	21	25
1982..	1 991	25	18	21	9	18	25
number, 1987..	255 584	2 836	776	885	282	3 692	(D)
1982..	215 257	2 557	1 024	1 312	(D)	2 007	3 285
Turkeys ----- farms, 1987..	895	10	3	6	4	6	13
1982..	841	7	2	5	6	5	14
number, 1987..	2 437 135	135	16	35	43	126	140
1982..	1 493 036	37	(D)	21	30	40	91
Turkey hens kept for breeding ----- farms, 1987..	345	5	1	-	3	2	5
1982..	355	3	-	2	6	1	8
number, 1987..	71 889	22	(D)	-	15	(D)	28
1982..	100 478	(D)	-	(D)	18	(D)	41
Ducks, geese, and other poultry ----- farms, 1987..	1 509	14	6	15	15	5	22
1982..	1 977	18	9	16	15	9	35
<b>SALES</b>							
Any poultry sold ----- farms, 1987..	3 643	36	17	19	18	45	42
1982..	5 208	54	29	49	26	50	85
\$1,000, 1987..	192 229	26	22	(D)	5	(D)	2 458
1982..	164 052	41	39	165	10	653	1 497
Hens and pullets sold ----- farms, 1987..	908	3	5	2	4	9	9
1982..	2 156	19	18	15	5	32	23
number, 1987..	9 873 596	(D)	782	(D)	304	(D)	164 025
1982..	10 248 391	2 428	3 646	11 936	780	61 105	(D)
Hens and pullets of laying age sold ----- farms, 1987..	847	3	5	2	4	8	9
1982..	2 095	19	18	15	5	32	23
number, 1987..	5 606 848	(D)	782	(D)	(D)	(D)	164 025
1982..	5 274 345	2 428	3 646	11 936	780	61 105	(D)
Pullets not of laying age sold ----- farms, 1987..	86	-	-	-	1	-	-
1982..	86	-	-	-	-	-	-
number, 1987..	4 266 748	-	-	-	(D)	(D)	-
1982..	4 974 046	-	-	-	-	-	-
Broilers and other meat-type chickens sold ---- farms, 1987..	1 060	13	2	5	1	25	13
1982..	1 041	10	3	11	5	7	23
number, 1987..	666 016	3 035	(D)	280	(D)	5 865	(D)
1982..	429 389	2 433	(D)	11 600	360	1 349	8 688
1987 farms by number sold:							
1 to 1,999 -----	1 021	13	2	5	1	25	12
2,000 to 59,999 -----	38	-	-	-	-	-	1
60,000 to 99,999 -----	-	-	-	-	-	-	-
100,000 to 199,999 -----	1	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	407	3	-	-	2	3	6
1982..	337	1	-	1	-	-	1
number, 1987..	9 594 632	58	-	(D)	(D)	(D)	(D)
1982..	7 297 838	(D)	-	(D)	-	-	(D)
Turkeys for slaughter sold ----- farms, 1987..	382	2	-	-	2	3	6
1982..	314	1	-	1	-	-	1
number, 1987..	9 527 469	(D)	-	(D)	(D)	(D)	(D)
1982..	7 216 491	(D)	-	(D)	-	-	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	387	3	-	1	3	6	9
1982..	431	8	-	2	-	4	8

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>INVENTORY</b>							
Any poultry ----- farms, 1987..	73	55	79	151	52	101	32
----- farms, 1982..	104	84	118	170	82	157	76
Chickens 3 months old or older ----- farms, 1987..	48	45	55	121	25	67	19
----- farms, 1982..	78	77	90	135	51	123	53
----- number, 1987..	80 541	244 311	15 717	88 683	(D)	114 228	(D)
----- number, 1982..	49 592	240 243	28 324	149 777	75 617	141 694	(D)
Hens and pullets of laying age ----- farms, 1987..	47	45	55	120	25	67	19
----- farms, 1982..	74	75	88	135	50	123	53
----- number, 1987..	(D)	(D)	(D)	79 121	51 753	114 071	(D)
----- number, 1982..	(D)	(D)	28 104	148 406	(D)	(D)	(D)
1987 farms by inventory:							
1 to 99 ----- farms, 1987..	35	35	43	97	15	49	15
----- farms, 1982..	9	3	10	14	7	12	1
100 to 399 ----- farms, 1987..	1	2	1	4	-	2	1
----- farms, 1982..	1	1	-	3	-	1	-
400 to 3,199 ----- farms, 1987..	1	1	1	1	1	2	1
----- farms, 1982..	1	2	-	1	1	-	-
3,200 to 9,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
10,000 to 19,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
20,000 to 49,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
50,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
100,000 or more ----- farms, 1987..	-	1	-	-	-	1	1
----- farms, 1982..	-	(D)	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	6	5	1	9	1	4	2
----- farms, 1982..	10	9	10	10	1	9	5
----- number, 1987..	(D)	(D)	(D)	9 562	(D)	157	(D)
----- number, 1982..	(D)	(D)	220	1 371	(D)	(D)	61
Pullet chicks and pullets under 3 months old ----- farms, 1987..	1	1	2	3	2	3	-
----- farms, 1982..	5	1	-	1	2	2	4
----- number, 1987..	(D)	(D)	(D)	160	(D)	52	(D)
----- number, 1982..	178 045	(D)	-	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens ----- farms, 1987..	15	7	19	44	12	34	8
----- farms, 1982..	28	19	25	45	14	43	16
----- number, 1987..	8 464	346	1 856	9 775	860	5 015	409
----- number, 1982..	4 113	1 396	3 393	4 887	1 727	4 115	1 876
Turkeys ----- farms, 1987..	13	8	8	15	15	15	5
----- farms, 1982..	14	10	17	27	10	15	2
----- number, 1987..	136 113	20 068	37	78	612 952	9 061	(D)
----- number, 1982..	(D)	(D)	(D)	179	328 213	96	(D)
Turkey hens kept for breeding ----- farms, 1987..	4	5	4	7	3	8	2
----- farms, 1982..	6	2	8	11	1	10	2
----- number, 1987..	(D)	(D)	15	28	9	(D)	(D)
----- number, 1982..	(D)	(D)	(D)	55	(D)	39	(D)
Ducks, geese, and other poultry ----- farms, 1987..	23	18	33	25	9	21	8
----- farms, 1982..	31	19	30	35	22	40	25
<b>SALES</b>							
Any poultry sold ----- farms, 1987..	52	32	46	81	54	67	25
----- farms, 1982..	59	44	84	88	60	93	33
----- \$1,000, 1987..	4 861	2 996	1 355	753	14 841	1 796	1 848
----- \$1,000, 1982..	3 884	3 909	2 020	1 395	9 742	2 263	1 804
Hens and pullets sold ----- farms, 1987..	10	12	8	24	8	19	4
----- farms, 1982..	25	16	25	36	28	39	12
----- number, 1987..	376 355	224 911	(D)	59 433	385 830	75 930	(D)
----- number, 1982..	408 706	143 300	24 349	139 918	261 688	180 747	(D)
Hens and pullets of laying age sold ----- farms, 1987..	7	11	8	21	6	19	3
----- farms, 1982..	22	16	25	32	26	39	12
----- number, 1987..	(D)	(D)	(D)	48 809	56 830	(D)	(D)
----- number, 1982..	30 923	143 300	24 349	(D)	(D)	(D)	(D)
Pullets not of laying age sold ----- farms, 1987..	3	1	-	3	2	1	1
----- farms, 1982..	3	-	-	5	3	1	-
----- number, 1987..	(D)	(D)	-	10 624	329 000	(D)	(D)
----- number, 1982..	377 793	-	-	(D)	(D)	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987..	19	6	12	22	15	26	10
----- farms, 1982..	14	5	26	29	18	26	9
----- number, 1987..	7 819	3 300	4 819	12 997	2 385	6 743	4 255
----- number, 1982..	2 603	4 524	8 891	6 893	5 225	9 814	2 035
1987 farms by number sold:							
1 to 1,999 ----- farms, 1987..	18	6	12	21	15	26	9
----- farms, 1982..	1	-	-	1	-	-	1
2,000 to 59,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
60,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
100,000 to 199,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
200,000 to 499,999 ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
500,000 or more ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	8	3	6	3	17	11	3
----- farms, 1982..	10	3	8	3	11	6	4
----- number, 1987..	443 044	(D)	(D)	9	1 674 659	91 843	175 000
----- number, 1982..	260 344	(D)	(D)	21	980 800	90 211	(D)
Turkeys for slaughter sold ----- farms, 1987..	8	3	6	2	17	9	3
----- farms, 1982..	10	2	7	2	11	6	4
----- number, 1987..	(D)	(D)	(D)	(D)	1 674 659	(D)	175 000
----- number, 1982..	(D)	(D)	(D)	(D)	(D)	90 211	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	8	5	8	8	4	4	2
----- farms, 1982..	7	2	14	7	3	5	3

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>INVENTORY</b>							
Any poultry ----- farms, 1987--	58	57	62	42	61	73	50
----- farms, 1982--	102	81	85	80	77	125	79
Chickens 3 months old or older ----- farms, 1987--	43	41	49	29	42	55	44
----- farms, 1982--	72	60	72	63	65	98	67
----- number, 1987--	5 538	1 911	15 327	141 271	4 361	58 642	1 946
----- number, 1982--	12 061	4 041	27 774	120 526	6 565	137 520	3 583
Hens and pullets of laying age ----- farms, 1987--	43	41	49	28	40	54	44
----- farms, 1982--	72	59	70	62	65	97	66
----- number, 1987--	4 563	1 911	15 138	(D)	3 879	58 332	1 671
----- number, 1982--	11 289	3 785	27 009	(D)	6 307	(D)	(D)
1987 farms by inventory:							
1 to 99 -----	24	37	39	20	28	31	41
100 to 399 -----	19	3	6	1	9	17	1
400 to 3,199 -----	-	1	3	2	3	-	2
3,200 to 9,999 -----	-	-	1	1	-	3	-
10,000 to 19,999 -----	-	-	-	3	-	3	-
20,000 to 49,999 -----	-	-	-	1	-	-	-
50,000 to 99,999 -----	-	-	-	-	-	-	-
100,000 or more ----- farms--	-	-	-	-	-	-	-
----- number--	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987--	4	-	6	2	8	5	6
----- farms, 1982--	5	9	8	5	9	6	2
----- number, 1987--	975	-	189	(D)	482	310	75
----- number, 1982--	772	256	765	(D)	256	(D)	(D)
Pullet chicks and pullets under 3 months old ----- farms, 1987--	-	1	1	1	1	-	-
----- farms, 1982--	-	1	1	-	1	1	-
----- number, 1987--	-	(D)	(D)	(D)	(D)	(D)	-
----- number, 1982--	-	(D)	(D)	(D)	(D)	(D)	-
Broilers and other meat-type chickens ----- farms, 1987--	20	9	25	8	17	19	7
----- farms, 1982--	29	17	18	10	22	32	13
----- number, 1987--	3 134	510	2 930	1 203	1 759	2 476	414
----- number, 1982--	3 138	2 297	2 029	1 215	2 366	3 884	610
Turkeys ----- farms, 1987--	4	5	11	9	7	10	6
----- farms, 1982--	8	9	11	5	6	7	4
----- number, 1987--	225	39	101	54	(D)	325	42
----- number, 1982--	92	107	90	(D)	(D)	46	11
Turkey hens kept for breeding ----- farms, 1987--	2	5	5	5	3	3	2
----- farms, 1982--	1	5	2	4	3	3	4
----- number, 1987--	(D)	14	14	33	(D)	5	(D)
----- number, 1982--	(D)	21	(D)	7	12	29	11
Ducks, geese, and other poultry ----- farms, 1987--	7	22	18	10	11	18	10
----- farms, 1982--	19	21	23	21	16	27	14
<b>SALES</b>							
Any poultry sold ----- farms, 1987--	44	24	31	28	31	50	20
----- farms, 1982--	68	37	55	41	48	79	21
----- \$1,000, 1987--	95	(D)	122	1 730	(D)	546	15
----- \$1,000, 1982--	65	371	249	1 505	763	983	16
Hens and pullets sold ----- farms, 1987--	10	3	2	8	6	14	3
----- farms, 1982--	35	14	25	22	18	42	7
----- number, 1987--	2 516	(D)	(D)	277 000	485	38 986	(D)
----- number, 1982--	5 718	(D)	14 468	211 382	7 042	107 666	520
Hens and pullets of laying age sold ----- farms, 1987--	10	2	2	6	6	14	3
----- farms, 1982--	35	13	23	20	18	40	7
----- number, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- number, 1982--	5 718	1 321	(D)	(D)	7 042	(D)	520
Pullets not of laying age sold ----- farms, 1987--	1	1	2	2	1	2	-
----- farms, 1982--	-	1	2	3	-	2	-
----- number, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	-
----- number, 1982--	-	(D)	(D)	(D)	-	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987--	17	5	11	6	9	16	6
----- farms, 1982--	9	9	13	8	8	13	3
----- number, 1987--	3 005	1 585	6 022	996	1 115	14 683	(D)
----- number, 1982--	1 000	4 505	4 776	1 345	678	2 470	315
1987 farms by number sold:							
1 to 1,999 -----	17	5	10	6	9	14	5
2,000 to 59,999 -----	-	1	1	-	-	2	1
60,000 to 99,999 -----	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-
500,000 or more ----- farms--	-	-	-	-	-	-	-
----- number--	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987--	-	-	2	1	3	3	1
----- farms, 1982--	-	2	4	2	3	1	-
----- number, 1987--	-	-	(D)	(D)	(D)	(D)	(D)
----- number, 1982--	-	(D)	54	1	(D)	(D)	(D)
Turkeys for slaughter sold ----- farms, 1987--	-	-	2	1	2	3	1
----- farms, 1982--	-	2	4	1	3	1	-
----- number, 1987--	-	-	(D)	(D)	(D)	(D)	(D)
----- number, 1982--	-	(D)	54	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987--	5	1	6	2	6	3	3
----- farms, 1982--	5	3	10	4	4	16	3

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>INVENTORY</b>							
Any poultry ----- farms, 1987--	41	115	95	99	67	111	56
----- farms, 1982--	42	144	122	143	94	140	68
Chickens 3 months old or older ----- farms, 1987--	27	94	60	73	50	95	43
----- farms, 1982--	27	109	96	123	78	124	60
----- number, 1987--		143 411	12 871	47 278	112 185	170 855	1 169
----- number, 1982--	254 050	108 442	55 925	65 961	105 114	90 023	2 939
Hens and pullets of laying age ----- farms, 1987--	27	93	59	72	48	95	43
----- farms, 1982--	27	109	94	122	77	123	60
----- number, 1987--	(D)	(D)	12 516	47 168	(D)	170 743	998
----- number, 1982--	(D)	108 173	55 001	65 502	102 712	89 605	2 662
1987 farms by inventory:							
1 to 99 -----	21	77	47	43	37	81	41
100 to 399 -----	2	12	10	23	4	3	2
400 to 3,199 -----	1	1	1	2	3	-	-
3,200 to 9,999 -----	1	1	1	2	1	-	-
10,000 to 19,999 -----	-	1	-	2	2	9	-
20,000 to 49,999 -----	1	-	-	-	-	2	-
50,000 to 99,999 -----	-	1	-	-	1	-	-
100,000 or more ----- farms	1	-	-	-	-	-	-
----- number	(D)	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987--	5	12	7	6	6	5	7
----- farms, 1982--	1	9	13	7	11	16	6
----- number, 1987--	(D)	(D)	355	110	(D)	112	171
----- number, 1982--	(D)	269	924	459	2 402	418	277
Pullet chicks and pullets under 3 months old ----- farms, 1987--	-	3	2	1	5	2	-
----- farms, 1982--	-	4	2	2	1	4	6
----- number, 1987--	-	50	(D)	(D)	49 425	(D)	-
----- number, 1982--	(D)	(D)	(D)	(D)	(D)	(D)	194
Broilers and other meat-type chickens ----- farms, 1987--	12	30	29	22	18	17	12
----- farms, 1982--	12	49	36	35	29	24	8
----- number, 1987--	880	15 610	1 656	2 705	5 981	2 577	2 383
----- number, 1982--	1 720	4 782	3 407	6 399	4 198	2 117	406
Turkeys ----- farms, 1987--	7	20	18	15	10	16	7
----- farms, 1982--	4	25	15	14	6	3	2
----- number, 1987--	62	(D)	4 295	150	325	144	40
----- number, 1982--	23	125	74	168	79	(D)	(D)
Turkey hens kept for breeding ----- farms, 1987--	3	6	2	2	5	10	2
----- farms, 1982--	2	9	3	3	3	2	-
----- number, 1987--	15	12	(D)	(D)	(D)	40	(D)
----- number, 1982--	(D)	32	3	3	6	(D)	-
Ducks, geese, and other poultry ----- farms, 1987--	18	34	30	30	17	14	11
----- farms, 1982--	11	30	38	23	24	20	10
<b>SALES</b>							
Any poultry sold ----- farms, 1987--	26	53	52	48	32	34	13
----- farms, 1982--	25	80	68	100	37	50	21
----- \$1,000, 1987--	4 019	1 130	259	518	(D)	1 491	9
----- \$1,000, 1982--	5 285	1 294	475	617	4 713	682	17
Hens and pullets sold ----- farms, 1987--	11	12	10	13	9	18	2
----- farms, 1982--	15	27	21	54	15	20	6
----- number, 1987--	802 715	195 914	(D)	53 077	115 472	140 173	(D)
----- number, 1982--	704 556	239 673	44 526	59 440	83 763	48 846	431
Hens and pullets of laying age sold ----- farms, 1987--	5	11	9	12	8	18	2
----- farms, 1982--	13	27	20	54	14	18	6
----- number, 1987--	(D)	(D)	(D)	(D)	(D)	140 173	(D)
----- number, 1982--	(D)	(D)	(D)	59 440	(D)	(D)	431
Pullets not of laying age sold ----- farms, 1987--	7	1	1	1	1	-	-
----- farms, 1982--	3	1	1	-	1	2	-
----- number, 1987--	(D)	(D)	(D)	(D)	(D)	-	-
----- number, 1982--	(D)	(D)	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987--	5	16	20	6	12	8	3
----- farms, 1982--	3	19	16	15	13	5	2
----- number, 1987--	4 705	16 019	2 229	1 563	(D)	1 900	(D)
----- number, 1982--	(D)	4 875	3 075	3 741	3 136	1 391	(D)
1987 farms by number sold:							
1 to 1,999 -----	4	13	20	6	9	8	3
2,000 to 59,999 -----	1	3	-	-	2	-	-
60,000 to 99,999 -----	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	1	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-
500,000 or more ----- farms	-	-	-	-	-	-	-
----- number	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987--	2	6	10	1	3	1	-
----- farms, 1982--	-	3	2	4	2	-	-
----- number, 1987--	(D)	56 683	(D)	(D)	136	(D)	-
----- number, 1982--	-	(D)	(D)	37	(D)	-	-
Turkeys for slaughter sold ----- farms, 1987--	2	6	10	1	3	1	-
----- farms, 1982--	-	3	2	4	2	-	-
----- number, 1987--	(D)	(D)	(D)	(D)	136	(D)	-
----- number, 1982--	-	(D)	(D)	37	(D)	-	-
Ducks, geese, and other poultry sold ----- farms, 1987--	8	5	16	6	2	1	2
----- farms, 1982--	4	9	15	14	3	1	1

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	70	31	34	87	44	93	55	55
1982..	97	74	37	148	46	138	73	82
Chickens 3 months old or older ----- farms, 1987..	58	25	25	60	31	65	29	41
1982..	83	62	25	124	37	109	54	68
number, 1987..		1 065	174 678	6 116	21 563	(D)	2 473	575 094
1982..	144 706	(D)	202 344	119 138	16 502	344 739	2 525	415 039
Hens and pullets of laying age ----- farms, 1987..	57	24	24	60	31	65	29	39
1982..	82	61	24	123	36	108	54	68
number, 1987..	(D)	(D)	(D)	5 988	21 288	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	16 215	(D)	2 455	413 977
1987 farms by inventory:								
1 to 99 -----	37	21	16	36	16	45	24	19
100 to 399 -----	16	3	4	22	12	15	2	6
400 to 3,199 -----	2	-	-	2	-	3	3	-
3,200 to 9,999 -----	-	-	2	-	3	-	-	7
10,000 to 19,999 -----	-	-	-	-	-	1	-	4
20,000 to 49,999 -----	1	-	-	-	-	-	-	2
50,000 to 99,999 -----	1	-	2	-	-	-	-	-
100,000 or more ----- farms..	-	-	-	-	-	1	-	1
number..	-	-	-	-	-	(D)	-	(D)
Pullets 3 months old or older not of laying age ----- farms, 1987..	6	1	1	4	4	4	2	6
1982..	6	11	2	11	6	8	4	8
number, 1987..	264	(D)	(D)	128	275	(D)	(D)	(D)
1982..	(D)	428	(D)	(D)	287	(D)	70	1 062
Pullet chicks and pullets under 3 months old ----- farms, 1987..	-	-	1	2	1	2	-	1
1982..	2	1	2	2	2	3	-	5
number, 1987..	-	-	(D)	(D)	(D)	(D)	-	(D)
1982..	(D)	(D)	(D)	(D)	(D)	(D)	-	109 525
Broilers and other meat-type chickens ----- farms, 1987..	11	4	4	20	17	18	21	15
1982..	20	8	9	26	14	27	17	14
number, 1987..	1 057	395	728	2 300	2 428	1 997	(D)	1 765
1982..	2 148	331	1 215	2 378	1 727	2 702	7 241	1 209
Turkeys ----- farms, 1987..	7	-	7	20	10	13	12	6
1982..	6	4	5	12	4	15	12	4
number, 1987..	(D)	-	72	275	210	(D)	(D)	133
1982..	64	10	61	61	17	170	(D)	34
Turkey hens kept for breeding ----- farms, 1987..	2	-	3	1	1	4	3	2
1982..	-	4	3	5	2	5	9	2
number, 1987..	(D)	-	29	(D)	(D)	(D)	11	(D)
1982..	-	(D)	7	18	(D)	28	14	(D)
Ducks, geese, and other poultry ----- farms, 1987..	10	9	10	22	11	29	16	10
1982..	11	26	10	28	16	38	26	14
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	45	15	23	58	24	45	32	48
1982..	72	38	29	86	34	75	35	62
\$1,000, 1987..	1 111	-	1 769	(D)	193	1 589	997	5 257
1982..	1 849	286	2 392	381	150	2 602	1 371	4 004
Hens and pullets sold ----- farms, 1987..	7	5	9	8	8	8	8	23
1982..	30	13	14	26	13	33	10	41
number, 1987..	(D)	(D)	264 229	(D)	17 259	(D)	2 000	502 173
1982..	156 683	(D)	322 606	(D)	13 649	415 593	966	458 964
Hens and pullets of laying age sold ----- farms, 1987..	7	5	7	7	7	7	8	20
1982..	30	13	12	26	13	32	10	37
number, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	2 000	166 179
1982..	(D)	(D)	(D)	29 460	13 649	(D)	966	270 964
Pullets not of laying age sold ----- farms, 1987..	1	-	2	2	2	2	-	3
1982..	1	-	2	2	2	2	-	4
number, 1987..	(D)	-	(D)	(D)	(D)	(D)	-	336 000
1982..	(D)	-	(D)	(D)	(D)	(D)	-	188 000
Broilers and other meat-type chickens sold ----- farms, 1987..	10	2	10	21	7	14	14	16
1982..	13	5	9	18	5	11	14	6
number, 1987..	1 976	(D)	4 528	2 428	1 415	1 858	51 775	3 246
1982..	1 347	574	3 690	1 808	1 002	1 497	29 029	766
1987 farms by number sold:								
1 to 1,999 -----	10	2	10	21	7	14	11	16
2,000 to 59,999 -----	-	-	-	-	-	-	3	-
60,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	3	1	2	7	2	5	6	3
1982..	2	1	3	6	-	4	4	1
number, 1987..	(D)	(D)	(D)	75	(D)	25 208	106 573	(D)
1982..	(D)	(D)	(D)	51	-	(D)	(D)	(D)
Turkeys for slaughter sold ----- farms, 1987..	3	1	1	7	2	4	6	3
1982..	2	1	3	6	-	4	4	1
number, 1987..	(D)	(D)	(D)	75	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	51	-	(D)	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	1	1	2	7	1	4	4	4
1982..	5	8	4	11	3	7	6	4

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	23	36	60	53	52	47	53	65
----- farms, 1982..	40	61	85	85	68	65	82	95
Chickens 3 months old or older ----- farms, 1987..	20	24	41	42	28	33	42	53
----- farms, 1982..	35	55	73	70	46	54	62	76
number, 1987..	1 906	2 509	4 556	13 144	14 242	(D)	168 199	3 132
number, 1982..	1 949	(D)	29 674	(D)	94 933	186 502	204 718	5 547
Hens and pullets of laying age ----- farms, 1987..	19	24	39	41	27	33	41	53
----- farms, 1982..	35	55	72	70	43	54	62	74
number, 1987..	1 706	(D)	4 186	(D)	(D)	(D)	(D)	(D)
number, 1982..	1 754	(D)	29 171	(D)	(D)	(D)	203 994	5 181
1987 farms by inventory:								
1 to 99 -----	12	18	27	33	21	18	26	47
100 to 399 -----	6	5	9	5	4	11	9	4
400 to 3,199 -----	1	1	3	2	1	2	1	2
3,200 to 9,999 -----	-	-	-	1	1	-	-	-
10,000 to 19,999 -----	-	-	-	-	-	1	1	-
20,000 to 49,999 -----	-	-	-	-	-	-	3	-
50,000 to 99,999 -----	-	-	-	-	-	-	1	-
100,000 or more ----- farms..	-	-	-	-	-	1	-	-
----- number..	-	-	-	-	-	(D)	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	3	2	4	6	2	4	3	2
----- farms, 1982..	4	6	7	4	7	3	6	9
number, 1987..	200	(D)	370	(D)	(D)	(D)	(D)	(D)
number, 1982..	195	(D)	503	70	(D)	(D)	724	366
Pullet chicks and pullets under 3 months old ----- farms, 1987..	1	-	1	1	1	-	-	-
----- farms, 1982..	1	3	2	3	-	-	2	1
number, 1987..	(D)	-	(D)	(D)	(D)	-	-	(D)
number, 1982..	(D)	60	(D)	(D)	-	-	(D)	(D)
Broilers and other meat-type chickens ----- farms, 1987..	4	14	21	17	7	11	11	18
----- farms, 1982..	10	16	15	21	15	13	24	30
number, 1987..	248	3 690	2 013	1 178	2 990	3 120	1 251	1 984
number, 1982..	750	1 250	6 655	1 623	2 154	1 647	2 399	2 810
Turkeys ----- farms, 1987..	2	5	12	9	18	4	6	13
----- farms, 1982..	3	9	8	8	12	8	6	9
number, 1987..	(D)	41	(D)	37	613 276	60	8 047	144
number, 1982..	(D)	82	70	34	393 163	57	51	76
Turkey hens kept for breeding ----- farms, 1987..	2	2	5	6	1	1	5	4
----- farms, 1982..	2	4	2	5	4	4	4	1
number, 1987..	(D)	(D)	(D)	8	(D)	(D)	(D)	20
number, 1982..	(D)	8	(D)	10	(D)	8	15	(D)
Ducks, geese, and other poultry ----- farms, 1987..	8	9	14	7	6	12	10	20
----- farms, 1982..	5	12	16	15	12	18	24	20
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	12	23	62	25	51	40	38	29
----- farms, 1982..	14	36	75	42	63	41	59	41
\$1,000, 1987..	14	116	(D)	106	31 558	(D)	1 958	20
\$1,000, 1982..	10	616	1 612	1 613	25 097	1 082	2 260	34
Hens and pullets sold ----- farms, 1987..	5	3	8	9	5	12	10	4
----- farms, 1982..	6	14	27	18	16	22	20	12
number, 1987..	267	(D)	(D)	(D)	(D)	(D)	116 309	(D)
number, 1982..	1 380	14 486	31 096	171 146	(D)	(D)	139 429	3 720
Hens and pullets of laying age sold ----- farms, 1987..	5	3	8	8	3	12	10	4
----- farms, 1982..	6	14	27	17	14	22	19	12
number, 1987..	267	(D)	(D)	5 013	(D)	(D)	116 309	(D)
number, 1982..	1 380	14 486	(D)	(D)	13 869	55 010	(D)	3 720
Pullets not of laying age sold ----- farms, 1987..	-	-	-	1	2	-	-	-
----- farms, 1982..	-	-	1	1	2	1	2	-
number, 1987..	-	-	-	(D)	(D)	-	-	-
number, 1982..	-	-	(D)	(D)	(D)	(D)	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987..	-	13	28	12	14	19	12	7
----- farms, 1982..	1	8	23	9	7	11	19	10
number, 1987..	-	14 115	11 380	1 980	11 975	1 709	2 447	1 245
number, 1982..	(D)	3 087	7 689	1 252	1 517	2 605	4 175	1 011
1987 farms by number sold:								
1 to 1,999 -----	-	11	27	12	11	19	12	7
2,000 to 59,999 -----	-	2	1	-	3	-	-	-
60,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	1	3	8	-	25	4	4	5
----- farms, 1982..	-	3	4	-	28	2	4	4
number, 1987..	(D)	(D)	5 201	-	2 952 084	(D)	90 021	88
number, 1982..	-	(D)	(D)	-	2 284 901	(D)	(D)	33
Turkeys for slaughter sold ----- farms, 1987..	1	3	7	-	25	4	2	5
----- farms, 1982..	-	3	4	-	27	2	4	4
number, 1987..	(D)	(D)	(D)	-	2 952 084	(D)	(D)	(D)
number, 1982..	-	(D)	(D)	-	(D)	(D)	(D)	33
Ducks, geese, and other poultry sold ----- farms, 1987..	1	-	11	3	1	5	5	3
----- farms, 1982..	-	-	7	2	2	-	3	3

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Iowa	Iowa	Jackson	Jasper	Jefferson
<b>INVENTORY</b>								
Any poultry ----- farms, 1987 ..	57	59	28	47	54	117	81	51
1982 ..	91	97	51	64	100	148	105	88
Chickens 3 months old or older ----- farms, 1987 ..	37	47	23	26	43	85	65	43
1982 ..	66	81	44	46	88	128	82	77
number, 1987 ..	(D)	37 023	34 123	5 582	7 539	31 018	77 115	3 183
1982 ..	30 528	51 074	50 334	6 895	12 670	36 642	69 374	5 899
Hens and pullets of laying age ----- farms, 1987 ..	37	45	23	26	43	83	62	43
1982 ..	64	80	44	46	88	127	82	77
number, 1987 ..	(D)	(D)	34 123	(D)	(D)	(D)	76 667	3 056
1982 ..	30 376	50 064	(D)	6 075	12 324	35 678	69 110	5 689
1987 farms by inventory:								
1 to 99 ----- farms ..	35	28	14	17	30	70	36	36
100 to 399 ----- farms ..	-	14	3	6	10	11	16	6
400 to 3,199 ----- farms ..	-	-	3	3	2	2	4	1
3,200 to 9,999 ----- farms ..	2	2	1	-	1	-	3	-
10,000 to 19,999 ----- farms ..	-	-	2	-	-	-	2	-
20,000 to 49,999 ----- farms ..	-	1	-	-	-	-	1	-
50,000 to 99,999 ----- farms ..	-	-	-	-	-	-	-	-
100,000 or more ----- farms ..	-	-	-	-	-	-	-	-
number ..	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987 ..	5	5	-	1	2	14	5	8
1982 ..	6	8	5	4	6	15	5	6
number, 1987 ..	(D)	(D)	(D)	(D)	(D)	(D)	448	127
1982 ..	152	1 010	(D)	820	346	964	264	210
Pullet chicks and pullets under 3 months old ----- farms, 1987 ..	-	1	-	1	2	7	1	2
1982 ..	2	3	1	-	-	5	1	1
number, 1987 ..	(D)	(D)	(D)	(D)	(D)	380	(D)	(D)
1982 ..	7	11	5	21	9	35	19	8
Broilers and other meat-type chickens ----- farms, 1987 ..	16	19	13	20	19	42	34	14
1982 ..	2 775	1 317	217	2 688	866	7 629	2 000	301
number, 1987 ..	1 328	1 177	2 304	1 819	1 263	5 632	3 361	1 196
1982 ..	-	-	-	-	-	-	-	-
Turkeys ----- farms, 1987 ..	18	5	2	5	9	13	6	15
1982 ..	19	9	8	3	10	10	6	7
number, 1987 ..	(D)	(D)	(D)	7 087	31 425	356	44	84
1982 ..	102 951	182	43	(D)	(D)	74	49	38
Turkey hens kept for breeding ----- farms, 1987 ..	5	2	-	2	5	4	3	10
1982 ..	6	3	3	2	3	1	3	5
number, 1987 ..	(D)	(D)	(D)	(D)	15	(D)	6	55
1982 ..	(D)	56	9	(D)	(D)	(D)	11	13
Ducks, geese, and other poultry ----- farms, 1987 ..	12	9	4	10	8	23	10	13
1982 ..	21	11	14	14	13	26	16	20
<b>SALES</b>								
Any poultry sold ----- farms, 1987 ..	46	35	14	20	34	59	52	17
1982 ..	59	58	33	35	63	75	63	33
\$1,000, 1987 ..	(D)	(D)	287	(D)	744	234	648	24
1982 ..	5 905	546	416	664	356	431	615	44
Hens and pullets sold ----- farms, 1987 ..	5	10	5	2	8	5	18	6
1982 ..	10	38	23	20	28	28	28	10
number, 1987 ..	(D)	30 096	23 500	(D)	(D)	(D)	64 859	936
1982 ..	14 149	112 563	40 701	2 942	9 017	77 351	59 211	2 760
Hens and pullets of laying age sold ----- farms, 1987 ..	4	10	5	2	8	3	17	6
1982 ..	10	37	23	20	28	27	28	10
number, 1987 ..	(D)	30 096	23 500	(D)	(D)	501	(D)	(D)
1982 ..	(D)	(D)	40 701	2 942	(D)	(D)	59 211	2 760
Pullets not of laying age sold ----- farms, 1987 ..	1	-	-	-	1	2	1	2
1982 ..	2	1	-	-	1	1	-	-
number, 1987 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987 ..	11	6	3	5	6	22	12	4
1982 ..	10	7	9	7	14	20	15	4
number, 1987 ..	9 226	2 450	(D)	385	2 025	6 712	2 607	552
1982 ..	13 129	357	1 771	620	3 213	3 852	2 202	270
1987 farms by number sold:								
1 to 1,999 ----- farms ..	10	6	3	5	6	22	12	4
2,000 to 59,999 ----- farms ..	1	-	-	-	-	-	-	-
60,000 to 99,999 ----- farms ..	-	-	-	-	-	-	-	-
100,000 to 199,999 ----- farms ..	-	-	-	-	-	-	-	-
200,000 to 499,999 ----- farms ..	-	-	-	-	-	-	-	-
500,000 or more ----- farms ..	-	-	-	-	-	-	-	-
number ..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987 ..	24	2	-	4	6	5	2	-
1982 ..	26	3	-	2	6	3	3	-
number, 1987 ..	(D)	(D)	(D)	5 060	(D)	(D)	(D)	(D)
1982 ..	647 640	(D)	(D)	(D)	(D)	34	28	-
Turkeys for slaughter sold ----- farms, 1987 ..	22	2	-	2	6	5	2	-
1982 ..	26	2	-	-	6	3	3	-
number, 1987 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982 ..	566 278	(D)	(D)	(D)	(D)	34	28	-
Ducks, geese, and other poultry sold ----- farms, 1987 ..	4	3	1	2	-	8	-	1
1982 ..	3	2	2	1	4	4	-	2

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	178	68	66	103	73	100	36	46
----- farms, 1982..	212	117	84	146	122	179	52	65
Chickens 3 months old or older ----- farms, 1987..	140	58	55	72	61	78	29	35
----- farms, 1982..	189	100	70	115	113	157	42	59
----- number, 1987..	454 105	8 993	(D)	278 711	3 847	4 650	2 770	(D)
----- number, 1982..	270 413	14 007	111 983	322 227	26 738	19 793	2 448	50 864
Hens and pullets of laying age ----- farms, 1987..	137	55	54	72	60	77	29	35
----- farms, 1982..	185	96	68	113	113	157	42	58
----- number, 1987..	453 868	8 614	(D)	268 236	3 768	4 509	(D)	(D)
----- number, 1982..	269 323	13 372	111 846	320 375	26 528	19 187	2 351	(D)
1987 farms by inventory:								
1 to 99 ----- farms, 1987..	100	41	43	46	53	64	24	31
----- farms, 1982..	26	11	7	11	6	11	3	2
100 to 399 ----- farms, 1987..	3	2	2	6	1	2	2	-
----- farms, 1982..	3	1	-	4	-	-	-	-
400 to 3,199 ----- farms, 1987..	-	-	-	1	-	-	-	1
----- farms, 1982..	2	-	1	2	-	-	-	1
3,200 to 9,999 ----- farms, 1987..	2	-	1	1	-	-	-	-
----- farms, 1982..	2	-	1	1	-	-	-	-
10,000 to 19,999 ----- farms, 1987..	2	-	-	-	-	-	-	-
----- farms, 1982..	1	-	-	1	-	-	-	-
20,000 to 49,999 ----- farms, 1987..	1	-	-	-	-	-	-	-
----- farms, 1982..	(D)	-	-	(D)	-	-	-	-
50,000 to 99,999 ----- farms, 1987..	1	-	-	1	-	-	-	-
----- farms, 1982..	(D)	-	-	(D)	-	-	-	-
100,000 or more ----- farms, 1987..	1	-	-	1	-	-	-	-
----- farms, 1982..	(D)	-	-	(D)	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	8	8	8	10	6	6	3	5
----- farms, 1982..	16	14	5	10	11	16	4	3
----- number, 1987..	237	379	162	10 475	79	141	(D)	190
----- number, 1982..	1 090	635	137	1 852	210	606	97	(D)
Pullet chicks and pullets under 3 months old ----- farms, 1987..	1	-	-	1	1	3	-	2
----- farms, 1982..	3	1	2	2	2	3	-	-
----- number, 1987..	(D)	-	-	(D)	(D)	(D)	-	(D)
----- number, 1982..	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
Broilers and other meat-type chickens ----- farms, 1987..	41	13	12	19	8	16	8	16
----- farms, 1982..	38	22	15	23	20	40	11	10
----- number, 1987..	4 858	1 141	940	2 135	593	1 367	1 901	1 422
----- number, 1982..	3 001	1 839	1 000	2 309	943	2 466	943	579
Turkeys ----- farms, 1987..	16	8	8	17	5	17	4	1
----- farms, 1982..	13	15	3	10	5	24	2	4
----- number, 1987..	38 360	42	94	(D)	15 033	137	32 015	(D)
----- number, 1982..	(D)	51	(D)	(D)	(D)	150	(D)	17
Turkey hens kept for breeding ----- farms, 1987..	3	2	6	11	2	6	1	-
----- farms, 1982..	5	10	2	4	3	17	1	-
----- number, 1987..	13	(D)	(D)	59	(D)	29	(D)	-
----- number, 1982..	16	18	(D)	4	7	67	(D)	-
Ducks, geese, and other poultry ----- farms, 1987..	28	11	12	29	12	30	8	6
----- farms, 1982..	37	25	14	31	27	54	13	10
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	111	36	42	78	30	54	17	13
----- farms, 1982..	141	59	41	105	50	74	26	27
----- \$1,000, 1987..	6 556	65	(D)	3 979	(D)	40	(D)	(D)
----- \$1,000, 1982..	3 680	101	1 007	4 525	452	127	125	432
Hens and pullets sold ----- farms, 1987..	32	6	11	25	3	5	5	2
----- farms, 1982..	48	21	15	53	20	20	6	12
----- number, 1987..	348 344	(D)	(D)	281 776	(D)	235	(D)	(D)
----- number, 1982..	376 559	7 273	(D)	295 270	(D)	5 686	572	44 228
Hens and pullets of laying age sold ----- farms, 1987..	32	6	11	25	3	5	5	2
----- farms, 1982..	45	21	15	53	20	20	6	12
----- number, 1987..	348 344	(D)	(D)	(D)	(D)	235	(D)	(D)
----- number, 1982..	(D)	(D)	(D)	295 270	(D)	5 686	572	44 228
Pullets not of laying age sold ----- farms, 1987..	-	-	1	1	-	-	2	-
----- farms, 1982..	3	1	-	-	-	-	-	-
----- number, 1987..	-	-	(D)	(D)	-	-	(D)	-
----- number, 1982..	(D)	(D)	-	-	-	-	-	-
Broilers and other meat-type chickens sold ----- farms, 1987..	28	8	14	32	1	13	5	5
----- farms, 1982..	30	13	7	20	8	21	6	3
----- number, 1987..	10 610	754	988	6 422	(D)	4 114	1 230	146
----- number, 1982..	4 613	1 702	3 519	2 941	424	1 534	958	(D)
1987 farms by number sold:								
1 to 1,999 ----- farms, 1987..	28	8	14	31	1	12	5	5
----- farms, 1982..	-	-	-	1	-	1	-	-
2,000 to 59,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
60,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
100,000 to 199,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
200,000 to 499,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
500,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	16	3	4	7	3	4	4	-
----- farms, 1982..	9	2	1	9	1	4	3	-
----- number, 1987..	228 916	21	84	(D)	44 080	79	(D)	-
----- number, 1982..	125 791	(D)	(D)	(D)	(D)	(D)	(D)	-
Turkeys for slaughter sold ----- farms, 1987..	16	3	4	7	2	4	4	-
----- farms, 1982..	9	2	1	9	1	4	3	-
----- number, 1987..	228 916	21	84	(D)	(D)	79	(D)	-
----- number, 1982..	125 791	(D)	(D)	(D)	(D)	(D)	(D)	-
Ducks, geese, and other poultry sold ----- farms, 1987..	5	4	6	8	3	8	3	-
----- farms, 1982..	8	5	-	16	2	11	3	1

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	76	68	79	82	54	30	75	49
1982..	100	102	123	104	67	43	101	75
Chickens 3 months old or older ----- farms, 1987..	55	54	65	60	42	25	63	40
1982..	82	91	114	93	52	36	89	59
number, 1987..	9 356	(D)	176 937	36 292	2 411	1 319	521 298	1 544
1982..	34 077	19 633	149 228	78 537	76 811	1 344	685 765	8 589
Hens and pullets of laying age ----- farms, 1987..	53	54	64	59	42	24	60	40
1982..	81	88	113	90	52	36	85	59
number, 1987..	(D)	(D)	(D)	36 149	2 370	1 179	346 224	1 521
1982..	33 427	19 212	148 463	78 059	(D)	(D)	409 504	7 884
1987 farms by inventory:								
1 to 99 -----	35	46	39	44	37	19	34	36
100 to 399 -----	14	5	15	11	4	5	4	4
400 to 3,199 -----	3	-	3	1	1	-	5	-
3,200 to 9,999 -----	1	2	2	-	-	-	12	-
10,000 to 19,999 -----	-	-	2	3	-	-	4	-
20,000 to 49,999 -----	-	-	3	-	-	-	-	-
50,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 or more ----- farms..	-	1	-	-	-	-	1	-
number..	-	(D)	-	-	-	-	(D)	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	2	1	4	5	3	5	6	3
1982..	3	9	9	8	2	1	12	9
number, 1987..	(D)	(D)	(D)	143	41	140	175 074	23
1982..	650	421	745	478	(D)	(D)	276 261	705
Pullet chicks and pullets under 3 months old ----- farms, 1987..	-	1	1	4	1	2	1	-
1982..	-	1	1	-	-	-	-	1
number, 1987..	-	(D)	(D)	400	(D)	(D)	(D)	-
1982..	-	(D)	-	-	-	-	-	(D)
Broilers and other meat-type chickens ----- farms, 1987..	20	12	18	15	13	7	13	17
1982..	21	13	13	18	11	9	11	28
number, 1987..	3 080	568	2 242	1 860	1 908	892	2 219	1 334
1982..	2 421	2 472	1 058	2 322	2 275	566	1 165	2 913
Turkeys ----- farms, 1987..	9	-	3	13	10	7	6	10
1982..	10	4	4	6	6	6	8	14
number, 1987..	144	-	24	118	(D)	46	4 044	107
1982..	49	10	26	49	(D)	13	(D)	137
Turkey hens kept for breeding ----- farms, 1987..	5	-	1	5	2	1	4	3
1982..	6	-	1	3	2	2	6	5
number, 1987..	26	-	(D)	10	(D)	(D)	(D)	4
1982..	33	-	(D)	12	(D)	(D)	(D)	11
Ducks, geese, and other poultry ----- farms, 1987..	13	13	9	18	13	6	10	11
1982..	19	24	14	9	13	5	15	16
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	54	32	43	42	32	13	59	15
1982..	81	38	74	66	40	15	70	25
\$1,000, 1987..	71	(D)	1 454	825	557	7	5 301	8
1982..	201	117	1 362	1 041	682	5	4 889	56
Hens and pullets sold ----- farms, 1987..	9	10	16	13	11	2	35	3
1982..	34	15	41	32	44	2	44	6
number, 1987..	4 836	(D)	107 804	31 909	(D)	(D)	838 272	(D)
1982..	22 258	13 321	126 978	41 717	36 912	(D)	553 813	3 114
Hens and pullets of laying age sold ----- farms, 1987..	8	10	15	13	11	2	31	3
1982..	34	15	41	31	14	2	41	6
number, 1987..	(D)	(D)	(D)	31 909	(D)	(D)	236 272	(D)
1982..	22 258	13 321	(D)	(D)	36 912	(D)	(D)	3 114
Pullets not of laying age sold ----- farms, 1987..	1	1	2	-	-	-	4	-
1982..	-	-	1	2	-	-	3	-
number, 1987..	(D)	(D)	(D)	(D)	-	-	602 000	-
1982..	-	-	(D)	(D)	-	-	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987..	21	7	10	13	11	2	13	-
1982..	21	3	2	8	12	1	15	6
number, 1987..	5 404	398	2 383	1 059	2 522	(D)	54 716	-
1982..	3 289	(D)	(D)	1 090	3 576	(D)	(D)	1 248
1987 farms by number sold:								
1 to 1,999 -----	21	7	10	13	11	2	10	-
2,000 to 59,999 -----	-	-	-	-	-	-	3	-
60,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	6	1	1	3	3	-	4	2
1982..	1	1	-	-	4	-	4	4
number, 1987..	54	(D)	(D)	(D)	(D)	-	65 013	(D)
1982..	(D)	(D)	-	-	(D)	-	(D)	59
Turkeys for slaughter sold ----- farms, 1987..	6	1	1	3	3	-	3	2
1982..	-	1	-	-	4	-	3	4
number, 1987..	54	(D)	(D)	(D)	(D)	-	(D)	(D)
1982..	-	(D)	-	-	(D)	-	(D)	59
Ducks, geese, and other poultry sold ----- farms, 1987..	6	3	1	3	7	-	4	-
1982..	5	2	-	2	1	2	4	2

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	60	34	70	56	42	64	45	113
----- farms, 1982..	69	65	87	72	60	79	53	138
Chickens 3 months old or older ----- farms, 1987..	44	25	56	35	28	58	33	85
----- farms, 1982..	60	56	76	51	39	62	35	117
number, 1987..	1 741	3 055	3 962	29 981	(D)	4 346	61 425	150 595
number, 1982..	15 451	6 054	13 203	46 229	86 524	6 232	55 973	120 067
Hens and pullets of laying age ----- farms, 1987..	43	24	56	33	28	58	33	84
----- farms, 1982..	59	55	75	49	39	60	35	116
number, 1987..	1 443	2 525	3 610	(D)	(D)	4 168	(D)	(D)
number, 1982..	15 386	(D)	(D)	(D)	86 355	(D)	55 698	(D)
1987 farms by inventory:								
1 to 99 ----- farms, 1987..	38	14	46	21	17	45	24	51
----- farms, 1982..	5	10	8	9	8	11	5	26
100 to 399 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	2	3	1	2	1	3
400 to 3,199 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
3,200 to 9,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
10,000 to 19,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
20,000 to 49,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
50,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
100,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	6	8	9	4	5	5	1	6
----- farms, 1982..	3	3	6	5	4	4	4	4
number, 1987..	298	530	152	(D)	236	178	(D)	(D)
number, 1982..	65	(D)	(D)	(D)	169	(D)	275	(D)
Pullet chicks and pullets under 3 months old ----- farms, 1987..	2	-	2	1	-	1	1	5
----- farms, 1982..	1	-	-	1	-	1	-	3
number, 1987..	(D)	-	(D)	(D)	-	(D)	(D)	371
number, 1982..	(D)	-	(D)	(D)	-	(D)	(D)	(D)
Broilers and other meat-type chickens ----- farms, 1987..	13	11	15	24	12	10	12	27
----- farms, 1982..	11	8	20	17	18	20	14	26
number, 1987..	1 248	448	873	3 371	2 745	955	(D)	3 859
number, 1982..	1 590	635	1 020	2 359	3 080	1 129	3 470	3 388
Turkeys ----- farms, 1987..	8	3	13	6	6	4	4	21
----- farms, 1982..	9	1	14	10	7	1	4	9
number, 1987..	49	24	149	(D)	74	28	(D)	169
number, 1982..	69	(D)	(D)	(D)	59	(D)	(D)	77
Turkey hens kept for breeding ----- farms, 1987..	3	1	10	2	1	2	3	7
----- farms, 1982..	1	1	7	5	2	1	1	2
number, 1987..	9	(D)	43	(D)	(D)	(D)	(D)	24
number, 1982..	(D)	(D)	18	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry ----- farms, 1987..	14	7	17	15	11	15	11	32
----- farms, 1982..	17	12	24	15	12	12	12	22
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	15	21	36	37	30	31	27	65
----- farms, 1982..	21	35	41	53	46	41	33	84
\$1,000, 1987..	6	17	31	(D)	(D)	26	908	1 591
1982..	116	37	787	857	310	36	533	1 406
Hens and pullets sold ----- farms, 1987..	3	3	8	5	10	6	7	19
----- farms, 1982..	7	15	16	24	17	17	14	46
number, 1987..	275	293	847	(D)	(D)	559	52 404	340 354
number, 1982..	8 406	2 411	4 311	(D)	54 206	2 861	41 622	258 086
Hens and pullets of laying age sold ----- farms, 1987..	3	3	8	4	10	5	7	17
----- farms, 1982..	6	15	16	22	17	17	14	44
number, 1987..	(D)	293	847	1 160	(D)	(D)	52 404	(D)
number, 1982..	(D)	2 411	4 311	8 060	54 206	2 861	41 622	(D)
Pullets not of laying age sold ----- farms, 1987..	1	-	-	1	-	1	-	2
----- farms, 1982..	1	-	-	2	-	-	-	2
number, 1987..	(D)	-	-	(D)	-	(D)	-	(D)
number, 1982..	(D)	-	-	(D)	-	-	-	(D)
Broilers and other meat-type chickens sold ----- farms, 1987..	4	5	9	23	15	3	10	16
----- farms, 1982..	1	2	9	9	13	7	11	15
number, 1987..	209	953	836	6 142	6 183	250	(D)	7 943
number, 1982..	(D)	(D)	(D)	5 198	3 107	292	2 875	2 355
1987 farms by number sold:								
1 to 1,999 ----- farms, 1987..	4	5	9	22	15	3	9	15
----- farms, 1982..	-	-	-	-	-	-	-	-
2,000 to 59,999 ----- farms, 1987..	-	-	-	1	-	-	1	1
----- farms, 1982..	-	-	-	-	-	-	-	-
60,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
100,000 to 199,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
200,000 to 499,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
500,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	-	-	5	1	4	1	4	5
----- farms, 1982..	-	-	7	5	2	-	3	2
number, 1987..	-	-	57	(D)	(D)	(D)	23 073	(D)
number, 1982..	-	-	(D)	(D)	(D)	-	(D)	(D)
Turkeys for slaughter sold ----- farms, 1987..	-	-	5	1	4	1	2	5
----- farms, 1982..	-	-	7	4	2	-	2	2
number, 1987..	-	-	57	(D)	(D)	(D)	(D)	(D)
number, 1982..	-	-	(D)	(D)	(D)	-	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	2	1	4	2	4	2	4	12
----- farms, 1982..	1	-	5	4	2	1	5	3

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	29	55	117	49	30	55	75	64
----- farms, 1982..	54	63	158	73	40	75	108	80
Chickens 3 months old or older ----- farms, 1987..	18	40	97	37	26	48	80	47
----- farms, 1982..	38	49	142	66	35	84	89	66
number, 1987..	107 133	(D)	23 973	(D)	1 196	204 693	5 964	4 161
number, 1982..	108 163	2 927	30 340	26 950	1 291	96 577	87 897	9 686
Hens and pullets of laying age ----- farms, 1987..	18	40	96	37	26	46	60	47
----- farms, 1982..	38	48	140	65	35	63	88	65
number, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	5 364	(D)
number, 1982..	(D)	2 725	29 429	25 802	1 233	(D)	(D)	8 662
1987 farms by inventory:								
1 to 99 ----- farms, 1987..	12	35	72	30	22	24	45	38
----- farms, 1982..	2	3	21	6	4	11	11	5
100 to 399 ----- farms, 1987..	-	-	2	-	-	3	4	4
----- farms, 1982..	-	1	-	-	-	1	-	-
400 to 3,199 ----- farms, 1987..	3	-	1	1	-	4	-	-
----- farms, 1982..	-	-	-	-	-	2	-	-
3,200 to 9,999 ----- farms, 1987..	-	-	-	-	-	1	-	-
----- farms, 1982..	-	-	-	-	-	1	-	-
10,000 to 19,999 ----- farms, 1987..	1	1	-	-	-	1	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
20,000 to 49,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
50,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
100,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	1	5	4	3	3	3	5	1
----- farms, 1982..	4	9	10	6	3	1	11	7
number, 1987..	(D)	61	(D)	(D)	(D)	(D)	600	(D)
number, 1982..	(D)	202	911	1 148	58	(D)	(D)	1 024
Pullet chicks and pullets under 3 months old ----- farms, 1987..	1	4	1	-	-	-	-	1
----- farms, 1982..	1	1	2	2	-	1	2	-
number, 1987..	(D)	(D)	(D)	-	-	-	-	(D)
number, 1982..	(D)	(D)	(D)	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens ----- farms, 1987..	12	19	27	8	2	12	18	24
----- farms, 1982..	6	15	34	9	7	13	21	24
number, 1987..	1 125	1 531	1 975	1 616	(D)	2 350	2 205	3 876
number, 1982..	333	1 389	2 676	681	277	1 631	2 276	1 865
Turkeys ----- farms, 1987..	2	9	12	7	2	6	20	9
----- farms, 1982..	4	5	12	5	3	5	13	5
number, 1987..	(D)	110	99	(D)	(D)	65 094	(D)	(D)
number, 1982..	(D)	10	74	(D)	12	(D)	(D)	17
Turkey hens kept for breeding ----- farms, 1987..	1	3	4	5	1	3	4	3
----- farms, 1982..	4	2	4	3	1	2	5	3
number, 1987..	(D)	(D)	14	(D)	(D)	(D)	6	-
number, 1982..	(D)	(D)	16	(D)	(D)	(D)	39	(D)
Ducks, geese, and other poultry ----- farms, 1987..	5	15	28	10	5	10	25	8
----- farms, 1982..	20	16	36	9	9	10	35	20
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	24	33	61	21	12	38	43	33
----- farms, 1982..	34	30	83	50	16	53	70	45
\$1,000, 1987..	2 348	830	256	(D)	7	2 622	(D)	(D)
\$1,000, 1982..	1 603	252	402	495	5	933	1 329	46
Hens and pullets sold ----- farms, 1987..	9	9	13	4	-	18	4	5
----- farms, 1982..	14	11	37	19	4	25	29	19
number, 1987..	108 353	(D)	(D)	(D)	-	114 298	511	748
number, 1982..	69 911	(D)	23 434	20 344	128	51 169	214 050	5 074
Hens and pullets of laying age sold ----- farms, 1987..	7	7	13	4	-	18	4	5
----- farms, 1982..	14	10	37	19	4	25	27	19
number, 1987..	(D)	(D)	(D)	(D)	-	114 298	511	748
number, 1982..	69 911	1 570	23 434	20 344	128	51 169	(D)	5 074
Pullets not of laying age sold ----- farms, 1987..	2	2	-	1	-	-	-	-
----- farms, 1982..	-	1	-	-	-	-	2	-
number, 1987..	(D)	(D)	-	(D)	-	-	-	-
number, 1982..	-	(D)	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold ----- farms, 1987..	13	10	12	5	2	10	16	11
----- farms, 1982..	8	8	10	10	2	10	13	7
number, 1987..	1 880	20 198	1 710	894	(D)	4 230	4 527	2 374
number, 1982..	2 255	5 105	1 430	1 546	(D)	7 477	2 003	1 080
1987 farms by number sold:								
1 to 1,999 ----- farms, 1987..	13	7	12	5	2	10	16	11
----- farms, 1982..	-	3	-	-	-	-	-	-
2,000 to 59,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
60,000 to 99,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
100,000 to 199,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
200,000 to 499,999 ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
500,000 or more ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	3	3	8	1	-	3	12	3
----- farms, 1982..	2	2	4	4	-	3	5	1
number, 1987..	(D)	610	85	(D)	-	(D)	(D)	(D)
number, 1982..	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Turkeys for slaughter sold ----- farms, 1987..	2	2	8	-	-	3	12	3
----- farms, 1982..	-	2	4	4	-	3	5	1
number, 1987..	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
number, 1982..	-	(D)	(D)	(D)	-	(D)	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	2	4	3	3	-	3	12	2
----- farms, 1982..	2	4	9	1	1	1	10	6

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>INVENTORY</b>								
Any poultry ----- farms, 1987--	111	55	126	46	51	51	63	91
1982--	151	60	176	62	59	105	96	108
Chickens 3 months old or older ----- farms, 1987--	85	41	95	39	45	46	51	74
1982--	118	43	143	50	55	91	82	83
number, 1987--	650 750	81 386	69 688	1 599	1 898	6 999	(D)	36 122
1982--	456 590	93 853	179 702	(D)	3 239	8 996	98 050	143 065
Hens and pullets of laying age ----- farms, 1987--	82	40	94	39	45	46	51	74
1982--	115	41	142	50	55	91	82	79
number, 1987--	(D)	(D)	68 838	(D)	1 869	(D)	(D)	(D)
1982--	(D)	(D)	(D)	(D)	(D)	8 428	97 946	(D)
1987 farms by inventory:								
1 to 99 -----	39	29	67	33	43	40	49	64
100 to 399 -----	17	2	18	6	1	5	1	6
400 to 3,199 -----	6	4	3	-	1	-	-	2
3,200 to 9,999 -----	5	3	2	-	-	1	-	-
10,000 to 19,999 -----	7	1	4	-	-	-	1	2
20,000 to 49,999 -----	4	1	-	-	-	-	-	-
50,000 to 99,999 -----	3	-	-	-	-	-	-	-
100,000 or more ----- farms--	1	-	-	-	-	-	-	-
number--	(D)	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987--	12	7	11	4	3	1	5	11
1982--	15	4	7	1	3	13	8	10
number, 1987--	(D)	(D)	850	(D)	29	(D)	99	(D)
1982--	(D)	(D)	(D)	(D)	(D)	568	104	(D)
Pullet chicks and pullets under 3 months old ----- farms, 1987--	5	1	1	-	1	-	1	1
1982--	3	4	3	2	-	1	2	1
number, 1987--	(D)	(D)	(D)	-	(D)	-	(D)	(D)
1982--	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Broilers and other meat-type chickens ----- farms, 1987--	27	5	30	10	9	11	11	14
1982--	41	14	29	22	10	19	18	28
number, 1987--	2 547	607	2 357	432	364	873	599	740
1982--	5 794	2 361	3 768	1 510	447	1 889	1 233	1 344
Turkeys ----- farms, 1987--	17	6	21	5	4	4	13	9
1982--	16	9	16	8	3	11	9	10
number, 1987--	(D)	(D)	348	85	15	341	84	41
1982--	(D)	(D)	187	44	12	74	96	62
Turkey hens kept for breeding ----- farms, 1987--	12	4	15	4	2	1	7	2
1982--	10	3	5	4	2	7	1	4
number, 1987--	(D)	28	73	(D)	(D)	(D)	20	(D)
1982--	(D)	7	19	11	(D)	19	(D)	19
Ducks, geese, and other poultry ----- farms, 1987--	25	25	44	13	11	14	17	21
1982--	28	15	43	10	11	27	34	32
<b>SALES</b>								
Any poultry sold ----- farms, 1987--	93	41	77	18	18	17	20	30
1982--	98	39	112	24	19	35	37	36
\$1,000, 1987--	7 122	2 969	1 186	(D)	8	(D)	(D)	(D)
1982--	4 597	3 709	1 172	358	12	67	845	1 404
Hens and pullets sold ----- farms, 1987--	42	17	14	4	4	5	9	10
1982--	59	20	35	8	6	11	13	18
number, 1987--	628 458	84 894	257 654	(D)	929	(D)	(D)	(D)
1982--	315 270	123 301	250 703	(D)	1 585	2 932	65 101	(D)
Hens and pullets of laying age sold ----- farms, 1987--	39	16	13	4	4	5	8	10
1982--	57	18	34	8	6	11	13	16
number, 1987--	(D)	(D)	(D)	(D)	929	(D)	(D)	(D)
1982--	(D)	(D)	(D)	(D)	(D)	2 932	(D)	22 291
Pullets not of laying age sold ----- farms, 1987--	4	2	1	-	-	-	1	-
1982--	2	2	1	1	2	-	2	2
number, 1987--	(D)	(D)	(D)	-	-	-	(D)	-
1982--	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987--	25	13	22	4	3	2	2	7
1982--	20	9	20	7	3	-	1	4
number, 1987--	15 115	3 869	4 704	(D)	(D)	(D)	(D)	785
1982--	5 391	4 350	3 220	630	(D)	-	(D)	260
1987 farms by number sold:								
1 to 1,999 -----	22	13	22	4	3	2	2	7
2,000 to 59,999 -----	3	-	-	-	-	-	-	-
60,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-	-
500,000 or more ----- farms--	-	-	-	-	-	-	-	-
number--	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987--	6	7	6	3	-	-	-	2
1982--	6	6	4	2	-	-	1	1
number, 1987--	(D)	(D)	124	201	-	-	-	(D)
1982--	(D)	(D)	174	(D)	-	-	(D)	(D)
Turkeys for slaughter sold ----- farms, 1987--	4	7	6	3	-	-	-	2
1982--	4	6	4	2	-	-	1	1
number, 1987--	(D)	(D)	(D)	(D)	-	-	-	(D)
1982--	(D)	(D)	174	(D)	-	-	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987--	17	6	15	4	1	-	-	3
1982--	1	3	15	3	1	4	7	4

**Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>INVENTORY</b>								
Any poultry ----- farms, 1987..	119	32	51	31	114	71	35	33
----- farms, 1982..	166	42	75	48	164	126	48	57
Chickens 3 months old or older ----- farms, 1987..	79	26	36	21	92	60	21	22
----- farms, 1982..	127	38	62	43	138	104	38	47
number, 1987..	(D)	1 425	(D)	(D)	262 549	4 010	11 141	31 520
----- number, 1982..	(D)	2 337	(D)	(D)	183 439	7 438	30 380	39 555
Hens and pullets of laying age ----- farms, 1987..	78	26	36	21	92	60	21	21
----- farms, 1982..	125	37	60	43	137	104	38	47
number, 1987..	(D)	1 359	(D)	(D)	256 578	(D)	(D)	(D)
----- number, 1982..	156 280	2 032	(D)	(D)	182 430	7 206	(D)	(D)
1987 farms by inventory:								
1 to 99 -----	65	22	22	18	67	49	16	11
100 to 399 -----	10	4	11	2	19	11	2	5
400 to 3,199 -----	-	-	-	-	2	-	1	2
3,200 to 9,999 -----	1	-	-	1	1	-	2	2
10,000 to 19,999 -----	-	-	-	-	-	-	-	1
20,000 to 49,999 -----	1	-	-	-	1	-	-	-
50,000 to 99,999 -----	-	-	2	-	1	-	-	-
100,000 or more ----- farms..	1	-	1	-	1	-	-	-
----- number..	(D)	-	(D)	-	(D)	-	-	-
Pullets 3 months old or older not of laying age ----- farms, 1987..	12	5	7	5	12	5	2	3
----- farms, 1982..	10	4	11	5	11	8	2	2
number, 1987..	(D)	66	(D)	225	5 971	(D)	(D)	(D)
----- number, 1982..	(D)	305	(D)	77	1 009	232	(D)	(D)
Pullet chicks and pullets under 3 months old ----- farms, 1987..	1	-	2	2	1	2	-	-
----- farms, 1982..	3	-	3	-	6	4	2	-
number, 1987..	(D)	-	(D)	(D)	(D)	(D)	-	-
----- number, 1982..	(D)	-	(D)	-	(D)	(D)	(D)	-
Broilers and other meat-type chickens ----- farms, 1987..	25	5	14	11	29	20	5	8
----- farms, 1982..	42	8	13	9	28	25	12	8
number, 1987..	3 040	345	1 005	1 250	1 694	1 324	953	1 475
----- number, 1982..	4 513	(D)	731	(D)	2 287	2 288	1 953	969
Turkeys ----- farms, 1987..	21	2	1	11	10	8	10	4
----- farms, 1982..	14	-	7	11	12	17	5	2
number, 1987..	167 288	(D)	(D)	125	60	(D)	(D)	(D)
----- number, 1982..	165 907	-	42	138	(D)	(D)	(D)	(D)
Turkey hens kept for breeding ----- farms, 1987..	3	1	3	3	5	-	6	1
----- farms, 1982..	3	-	2	7	5	3	3	1
number, 1987..	(D)	(D)	-	(D)	20	-	(D)	(D)
----- number, 1982..	(D)	-	(D)	59	6	(D)	(D)	(D)
Ducks, geese, and other poultry ----- farms, 1987..	14	10	16	7	32	22	16	9
----- farms, 1982..	20	4	28	14	21	30	12	14
<b>SALES</b>								
Any poultry sold ----- farms, 1987..	77	9	23	17	58	40	18	24
----- farms, 1982..	111	18	42	23	99	72	30	41
\$1,000, 1987..	8 988	9	(D)	(D)	2 725	2 382	1 858	1 349
----- \$1,000, 1982..	8 621	278	10 416	167	1 777	2 187	1 010	690
Hens and pullets sold ----- farms, 1987..	18	1	8	2	15	9	6	4
----- farms, 1982..	31	6	24	7	51	28	14	14
number, 1987..	(D)	(D)	560 920	(D)	178 983	682	16 066	25 900
----- number, 1982..	446 338	692	303 852	(D)	129 124	2 340	25 898	29 490
Hens and pullets of laying age sold ----- farms, 1987..	18	1	8	1	14	9	6	4
----- farms, 1982..	30	6	21	7	51	28	14	14
number, 1987..	105 556	(D)	560 920	(D)	(D)	682	16 066	25 900
----- number, 1982..	(D)	692	(D)	(D)	129 124	2 340	25 898	29 490
Pullets not of laying age sold ----- farms, 1987..	1	-	-	1	1	-	-	-
----- farms, 1982..	3	-	3	-	-	-	-	-
number, 1987..	(D)	-	-	(D)	(D)	-	-	-
----- number, 1982..	(D)	-	(D)	-	-	-	-	-
Broilers and other meat-type chickens sold ----- farms, 1987..	22	2	3	10	9	5	2	5
----- farms, 1982..	33	-	7	4	16	11	6	12
number, 1987..	6 311	(D)	(D)	1 511	1 373	374	(D)	1 385
----- number, 1982..	45 825	-	785	268	4 463	(D)	1 620	(D)
1987 farms by number sold:								
1 to 1,999 -----	22	2	3	10	9	5	2	5
2,000 to 59,999 -----	-	-	-	-	-	-	-	-
60,000 to 99,999 -----	-	-	-	-	-	-	-	-
100,000 to 199,999 -----	-	-	-	-	-	-	-	-
200,000 to 499,999 -----	-	-	-	-	-	-	-	-
500,000 or more ----- farms..	-	-	-	-	-	-	-	-
----- number..	-	-	-	-	-	-	-	-
Turkeys sold ----- farms, 1987..	25	2	1	2	2	10	5	2
----- farms, 1982..	23	2	5	1	2	12	4	5
number, 1987..	773 272	(D)	(D)	(D)	(D)	358 321	173 704	(D)
----- number, 1982..	682 179	(D)	(D)	(D)	(D)	284 924	48 750	(D)
Turkeys for slaughter sold ----- farms, 1987..	24	2	1	2	2	10	4	2
----- farms, 1982..	22	2	3	-	2	12	3	3
number, 1987..	(D)	(D)	(D)	(D)	(D)	358 321	(D)	(D)
----- number, 1982..	(D)	(D)	(D)	-	(D)	284 924	(D)	(D)
Ducks, geese, and other poultry sold ----- farms, 1987..	2	1	4	1	6	4	2	4
----- farms, 1982..	4	-	7	6	6	2	3	8

**Table 15. Selected Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Harvested cropland	farms, 1987	92 878	859	587	928	761	721	1 276
	1982	103 644	963	662	1 021	794	820	1 434
	acres, 1987	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
	1982	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
Irrigated	farms, 1987	825	3	-	-	1	2	4
	1982	608	1	1	2	1	-	2
	acres, 1987	91 598	(D)	-	-	(D)	(D)	(D)
	1982	91 175	(D)	(D)	(D)	(D)	-	(D)
Corn for grain or seed	farms, 1987	83 301	798	516	842	480	674	1 183
	1982	92 462	900	580	928	499	744	1 328
	acres, 1987	10 147 051	93 246	51 424	61 451	26 382	89 190	144 170
	1982	12 880 050	107 781	62 254	82 443	31 651	112 767	188 670
bushels, 1987		1 274 388 346	11 527 532	6 143 315	7 918 552	2 836 759	11 444 514	19 409 044
	1982	1 466 953 043	10 350 588	5 496 845	8 829 375	2 645 243	11 646 059	22 099 370
Irrigated	farms, 1987	453	2	-	-	-	2	1
	1982	386	1	-	1	-	-	1
	acres, 1987	62 099	(D)	-	-	-	(D)	(D)
	1982	59 796	(D)	-	(D)	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		11 524	111	74	187	195	80	133
25 to 99 acres		35 088	365	252	472	204	281	505
100 to 249 acres		27 186	247	149	152	65	228	405
250 acres or more		9 503	75	41	31	16	87	140
Corn for silage or green chop	farms, 1987	7 934	31	26	271	40	42	84
	1982	17 412	110	79	475	56	147	202
	acres, 1987	205 176	1 161	1 006	4 537	825	1 060	3 087
	1982	536 645	3 222	3 832	10 674	1 154	7 068	6 122
tons, green, 1987		3 251 394	17 550	13 709	69 400	13 734	16 645	57 934
	1982	8 290 817	43 401	51 547	162 065	11 634	98 668	102 078
Irrigated	farms, 1987	7	-	-	-	-	-	-
	1982	28	-	-	-	-	-	-
	acres, 1987	110	-	-	-	-	-	-
	1982	2 364	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		5 508	17	10	228	31	28	65
25 to 99 acres		2 112	12	14	38	9	11	13
100 to 249 acres		265	2	2	5	-	3	5
250 acres or more		49	-	-	-	-	-	1
Wheat for grain	farms, 1987	1 345	7	17	2	8	7	17
	1982	2 731	31	61	5	42	13	12
	acres, 1987	31 047	(D)	519	(D)	115	356	302
	1982	98 888	1 161	2 402	92	853	608	550
bushels, 1987		1 180 360	46 740	11 123	(D)	3 735	17 472	12 534
	1982	2 845 239	36 306	61 312	2 964	23 153	18 236	10 530
Irrigated	farms, 1987	2	-	-	-	-	-	-
	1982	13	-	1	-	-	-	-
	acres, 1987	(D)	-	-	-	-	-	-
	1982	843	-	(D)	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		998	6	11	2	6	4	13
25 to 99 acres		307	-	4	-	2	-	4
100 to 249 acres		33	-	2	-	-	3	-
250 acres or more		7	1	-	-	-	-	-
Oats for grain	farms, 1987	25 398	318	178	577	92	236	457
	1982	35 752	486	262	662	134	384	619
	acres, 1987	544 907	6 998	4 495	14 044	1 461	5 359	9 097
	1982	811 716	11 545	6 881	20 077	2 134	9 522	13 098
bushels, 1987		30 918 660	313 087	198 446	808 084	63 161	332 061	547 160
	1982	45 769 302	510 718	250 468	814 921	67 868	526 448	733 540
Irrigated	farms, 1987	16	-	-	-	-	-	-
	1982	21	-	-	1	-	-	-
	acres, 1987	484	-	-	-	-	-	-
	1982	433	-	-	(D)	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		18 021	214	102	364	79	162	341
25 to 99 acres		7 125	103	74	203	13	73	114
100 to 249 acres		238	1	2	10	-	1	2
250 acres or more		14	-	-	-	-	-	-
Soybeans for beans	farms, 1987	68 278	667	451	120	401	607	1 062
	1982	73 175	724	513	93	462	589	1 159
	acres, 1987	7 903 395	66 704	42 173	3 726	25 860	65 109	126 534
	1982	8 044 305	80 861	46 894	3 881	27 523	60 722	125 859
bushels, 1987		326 081 351	2 824 823	1 603 229	156 073	914 278	2 752 156	5 712 984
	1982	291 189 890	1 963 818	1 359 648	127 430	678 723	2 213 337	4 949 326
Irrigated	farms, 1987	221	-	-	-	-	2	1
	1982	179	-	-	-	-	-	-
	acres, 1987	20 304	-	-	-	-	(D)	(D)
	1982	21 215	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		10 200	113	83	64	141	94	111
25 to 99 acres		28 626	337	220	52	184	266	459
100 to 249 acres		22 245	166	115	4	57	199	368
250 acres or more		7 207	51	33	-	19	48	124
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	48 271	614	425	841	647	389	694
	1982	56 372	778	513	933	641	520	753
	acres, 1987	1 968 207	31 464	20 097	61 648	42 156	14 191	22 834
	1982	2 035 033	37 387	22 222	64 141	37 168	19 933	22 576
tons, dry, 1987		5 612 944	90 889	50 601	201 858	88 741	39 511	69 242
	1982	6 201 756	119 769	62 298	202 351	85 191	60 351	75 970
Irrigated	farms, 1987	45	-	-	-	-	-	-
	1982	50	-	-	1	-	-	1
	acres, 1987	1 216	-	-	-	-	-	-
	1982	1 271	-	-	(D)	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		22 645	208	139	144	180	196	363
25 to 99 acres		21 233	335	240	490	330	168	301
100 to 249 acres		4 085	64	45	186	122	23	28
250 acres or more		308	7	1	21	15	2	2

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Harvested cropland	farms, 1987	1 125	936	985	1 198	996	1 115	927
	1982	1 210	1 049	1 156	1 273	1 099	1 290	1 082
	acres, 1987	223 324	245 517	168 763	236 312	264 594	229 095	263 491
	1982	257 275	275 122	201 291	275 747	309 121	273 765	306 918
Irrigated	farms, 1987	13	5	5	4	6	2	5
	1982	6	4	5	1	2	2	3
	acres, 1987	(D)	6	203	(D)	(D)	(D)	537
	1982	(D)	5	282	(D)	(D)	(D)	(D)
Corn for grain or seed	farms, 1987	996	825	890	1 136	953	1 024	872
	1982	1 074	931	1 057	1 193	1 056	1 195	1 008
	acres, 1987	120 536	112 738	93 017	139 845	125 356	121 799	111 282
	1982	146 916	141 511	116 766	176 718	163 381	154 661	148 119
	bushels, 1987	16 646 615	15 534 064	12 379 993	19 024 742	15 880 096	15 823 601	15 303 730
	1982	17 815 328	17 333 411	13 654 093	21 468 464	19 128 081	17 987 647	17 999 607
Irrigated	farms, 1987	2	1	4	1	3	2	3
	1982	2	-	4	-	2	1	1
	acres, 1987	(D)	(D)	160	(D)	(D)	(D)	295
	1982	(D)	-	254	-	(D)	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres		174	101	153	181	61	107	74
25 to 99 acres		412	314	436	486	406	473	352
100 to 249 acres		288	288	223	327	383	345	358
250 acres or more		122	122	78	142	103	99	88
Corn for silage or green chop	farms, 1987	77	30	152	146	55	84	40
	1982	175	82	286	268	157	201	100
	acres, 1987	1 363	1 535	2 366	2 062	1 504	1 805	1 705
	1982	4 245	2 909	4 965	4 983	6 295	4 575	4 405
	tons, green, 1987	24 393	33 569	38 990	35 591	25 466	26 524	25 005
	1982	77 955	48 755	81 161	88 229	105 595	65 979	63 666
Irrigated	farms, 1987	1	-	-	-	-	-	-
	1982	-	-	-	-	-	-	1
	acres, 1987	(D)	-	-	-	-	-	-
	1982	-	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		63	17	123	125	37	67	21
25 to 99 acres		12	9	29	19	15	15	15
100 to 249 acres		2	2	-	2	3	2	4
250 acres or more		-	2	-	-	-	-	-
Wheat for grain	farms, 1987	5	11	3	10	3	7	2
	1982	7	13	4	7	3	10	1
	acres, 1987	134	167	(D)	135	(D)	220	(D)
	1982	532	561	122	136	314	262	(D)
	bushels, 1987	5 063	7 423	981	6 416	10 260	7 952	(D)
	1982	17 513	23 786	3 115	3 910	5 620	5 601	(D)
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		2	8	3	9	1	4	1
25 to 99 acres		3	3	-	1	2	2	1
100 to 249 acres		-	-	-	-	-	1	-
250 acres or more		-	-	-	-	-	-	-
Oats for grain	farms, 1987	228	148	339	474	169	361	140
	1982	347	268	459	513	310	544	283
	acres, 1987	4 596	3 031	6 102	8 399	3 160	6 881	2 913
	1982	6 943	5 416	8 468	9 957	6 062	11 090	6 385
	bushels, 1987	243 747	186 754	355 158	475 365	188 471	392 072	167 384
	1982	363 395	333 105	402 525	469 424	437 499	600 642	467 266
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	1	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres		162	116	258	380	131	280	102
25 to 99 acres		64	27	81	93	35	77	37
100 to 249 acres		2	5	-	1	3	4	1
250 acres or more		-	-	-	-	-	-	-
Soybeans for beans	farms, 1987	867	795	692	870	924	926	853
	1982	903	869	801	831	975	1 008	982
	acres, 1987	88 213	122 615	52 660	71 922	130 258	86 141	144 293
	1982	89 027	117 640	54 571	70 965	128 265	87 484	142 903
	bushels, 1987	4 010 768	5 406 176	2 283 773	3 242 621	5 335 671	3 689 973	6 418 023
	1982	3 342 554	4 613 391	1 903 151	2 536 562	4 754 154	3 074 173	5 444 739
Irrigated	farms, 1987	1	-	1	-	3	2	4
	1982	-	-	2	-	1	1	1
	acres, 1987	(D)	-	(D)	-	87	(D)	242
	1982	-	-	(D)	-	(D)	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres		161	83	150	220	55	100	46
25 to 99 acres		380	274	360	376	332	503	258
100 to 249 acres		252	295	157	233	422	276	363
250 acres or more		74	143	25	41	115	47	186
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	436	341	541	582	255	551	253
	1982	493	439	646	646	349	684	340
	acres, 1987	11 407	8 786	19 025	17 151	6 408	15 805	5 766
	1982	12 361	8 951	19 768	16 589	7 109	17 484	7 400
	tons, dry, 1987	35 873	22 894	63 101	49 252	18 989	48 111	14 940
	1982	40 072	27 298	65 091	47 710	24 186	55 864	22 680
Irrigated	farms, 1987	2	-	-	-	-	-	-
	1982	-	-	-	-	-	-	2
	acres, 1987	(D)	-	-	-	-	-	-
	1982	-	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		285	234	277	339	177	324	182
25 to 99 acres		134	94	228	222	65	210	61
100 to 249 acres		16	12	36	21	13	17	10
250 acres or more		1	1	-	-	-	-	-

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Harvested cropland ----- farms, 1987..	1 164	834	1 012	847	979	953	586
----- farms, 1982..	1 248	964	1 172	945	1 095	1 051	677
----- acres, 1987..	270 392	213 323	230 081	233 423	230 141	187 589	93 996
----- acres, 1982..	300 937	246 427	281 855	281 033	262 179	232 837	114 076
Irrigated ----- farms, 1987..	3	1	3	8	4	11	2
----- farms, 1982..	2	1	2	9	1	7	1
----- acres, 1987..	(D)	(D)	(D)	352	68	1 146	(D)
----- acres, 1982..	(D)	(D)	(D)	895	(D)	1 510	(D)
Corn for grain or seed ----- farms, 1987..	1 105	783	953	757	928	869	459
----- farms, 1982..	1 159	870	1 113	847	1 016	958	525
----- acres, 1987..	132 252	106 962	138 757	123 528	111 626	99 779	37 261
----- acres, 1982..	152 727	129 355	192 257	158 200	137 628	130 415	47 634
----- bushels, 1987..	17 304 749	13 504 527	16 395 191	15 908 537	13 914 353	12 785 875	3 462 983
----- bushels, 1982..	16 712 864	13 117 123	25 190 065	19 103 648	16 198 419	13 451 087	3 487 164
Irrigated ----- farms, 1987..	2	-	-	2	-	8	-
----- farms, 1982..	1	-	-	2	-	6	-
----- acres, 1987..	(D)	-	-	(D)	-	775	-
----- acres, 1982..	(D)	-	-	(D)	(D)	1 410	-
1987 farms by acres harvested:							
1 to 24 acres -----	74	71	71	65	83	141	91
25 to 99 acres -----	523	332	358	252	384	391	257
100 to 249 acres -----	407	259	378	294	369	245	91
250 acres or more -----	101	121	146	146	92	92	20
Corn for silage or green chop ----- farms, 1987..	80	46	86	40	114	169	32
----- farms, 1982..	278	146	147	107	301	289	63
----- acres, 1987..	3 467	1 264	2 016	1 197	2 836	3 806	787
----- acres, 1982..	18 170	5 466	3 696	2 974	11 213	8 678	2 113
----- tons, green, 1987..	50 939	20 277	30 614	18 619	41 821	54 944	9 031
----- tons, green, 1982..	292 351	81 452	65 564	50 341	172 382	115 850	18 609
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
----- acres, 1987..	-	-	-	-	-	-	-
----- acres, 1982..	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres -----	48	28	61	26	80	113	21
25 to 99 acres -----	25	16	22	11	33	52	10
100 to 249 acres -----	4	2	3	3	-	4	1
250 acres or more -----	3	-	-	-	1	-	-
Wheat for grain ----- farms, 1987..	3	22	9	3	2	7	7
----- farms, 1982..	7	52	15	4	4	6	15
----- acres, 1987..	447	505	297	(D)	(D)	215	162
----- acres, 1982..	161	2 380	296	87	152	82	334
----- bushels, 1987..	24 364	17 436	8 695	450	(D)	8 450	3 355
----- bushels, 1982..	4 183	82 352	12 987	1 660	2 984	2 558	9 685
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
----- acres, 1987..	-	-	-	-	-	-	-
----- acres, 1982..	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres -----	-	18	6	2	2	4	2
25 to 99 acres -----	1	3	2	1	-	2	5
100 to 249 acres -----	1	1	1	-	-	1	-
250 acres or more -----	1	-	-	-	-	-	-
Oats for grain ----- farms, 1987..	375	185	324	166	219	381	142
----- farms, 1982..	518	341	423	265	383	441	182
----- acres, 1987..	8 249	3 618	5 739	3 600	4 098	7 470	3 347
----- acres, 1982..	11 912	7 667	8 116	5 644	8 084	8 945	4 298
----- bushels, 1987..	493 853	151 785	361 588	200 255	262 749	450 070	101 555
----- bushels, 1982..	796 252	337 778	492 998	340 832	636 600	402 283	124 563
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-
----- acres, 1987..	-	-	(D)	-	-	(D)	(D)
----- acres, 1982..	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres -----	278	139	259	114	170	281	87
25 to 99 acres -----	92	44	64	49	48	98	53
100 to 249 acres -----	4	2	1	3	1	2	2
250 acres or more -----	1	-	-	-	-	-	-
Soybeans for beans ----- farms, 1987..	1 037	724	772	683	860	691	347
----- farms, 1982..	1 058	768	727	762	931	751	413
----- acres, 1987..	115 659	84 078	71 248	98 942	100 873	59 084	24 717
----- acres, 1982..	105 362	79 903	65 194	108 511	94 917	68 068	31 031
----- bushels, 1987..	4 939 438	3 381 709	3 170 044	4 077 185	4 296 210	2 461 583	810 789
----- bushels, 1982..	3 917 008	2 675 778	2 766 003	3 849 075	3 665 347	2 089 898	855 044
Irrigated ----- farms, 1987..	1	-	-	3	1	2	-
----- farms, 1982..	-	-	-	4	-	1	-
----- acres, 1987..	(D)	-	-	(D)	(D)	(D)	(D)
----- acres, 1982..	-	-	-	422	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres -----	82	105	119	81	65	147	94
25 to 99 acres -----	478	309	388	221	353	343	182
100 to 249 acres -----	403	233	229	273	376	162	57
250 acres or more -----	74	77	36	108	66	39	14
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	506	491	508	270	427	542	488
----- farms, 1982..	574	613	560	288	516	615	549
----- acres, 1987..	15 229	21 367	16 257	7 141	13 799	21 142	29 766
----- acres, 1982..	15 843	24 070	14 782	5 898	13 009	20 205	30 296
----- tons, dry, 1987..	44 485	60 394	46 853	21 514	40 137	65 690	72 801
----- tons, dry, 1982..	54 734	72 478	48 145	17 352	44 265	60 875	85 337
Irrigated ----- farms, 1987..	-	-	1	-	1	2	1
----- farms, 1982..	-	1	-	-	-	1	-
----- acres, 1987..	-	-	(D)	-	(D)	(D)	(D)
----- acres, 1982..	-	(D)	(D)	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres -----	286	200	278	183	245	249	124
25 to 99 acres -----	197	241	210	73	163	248	266
100 to 249 acres -----	22	48	19	14	18	44	91
250 acres or more -----	1	2	1	-	1	1	7

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Harvested cropland	farms, 1987	795	1 508	1 256	1 128	947	795	581
	1982	957	1 563	1 394	1 349	1 079	847	667
	acres, 1987	229 226	240 158	258 502	264 366	223 550	107 597	97 184
	1982	289 853	264 830	321 273	311 178	272 553	136 324	131 493
Irrigated	farms, 1987	4	1	9	-	11	2	1
	1982	6	2	3	1	3	-	1
	acres, 1987	276	(D)	86	-	133	(D)	(D)
	1982	543	(D)	6	(D)	(D)	-	(D)
Corn for grain or seed	farms, 1987	750	1 383	1 183	1 050	776	569	402
	1982	882	1 428	1 329	1 236	886	650	448
	acres, 1987	103 766	130 350	165 946	132 197	108 578	40 121	33 659
	1982	146 191	158 460	225 437	162 571	145 678	56 371	47 354
bushels, 1987	13 480 814	17 251 649	17 740 345	15 865 611	14 777 623	3 532 975	3 456 175	3 456 175
	1982	16 086 229	18 436 475	27 944 257	16 789 928	17 589 876	5 211 412	3 942 426
Irrigated	farms, 1987	2	-	-	-	1	1	-
	1982	4	-	-	-	-	-	-
	acres, 1987	(D)	-	-	-	(D)	(D)	-
	1982	413	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		63	243	125	105	148	202	133
25 to 99 acres		290	720	459	430	290	253	171
100 to 249 acres		292	329	423	404	221	85	73
250 acres or more		105	91	176	111	117	29	25
Corn for silage or green chop	farms, 1987	49	231	148	55	33	82	38
	1982	157	508	285	198	90	90	82
	acres, 1987	2 576	3 267	4 502	1 970	1 620	1 331	1 363
	1982	7 132	9 738	8 513	6 509	3 332	2 309	3 672
tons, green, 1987	46 944	54 214	66 587	35 786	36 336	18 061	16 867	16 867
	1982	115 421	145 654	148 864	94 397	52 240	28 481	40 105
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		29	211	79	29	13	63	21
25 to 99 acres		16	18	63	23	17	19	14
100 to 249 acres		2	1	6	1	2	-	3
250 acres or more		2	1	-	2	1	-	-
Wheat for grain	farms, 1987	-	11	31	9	8	31	15
	1982	2	3	14	28	10	83	44
	acres, 1987	-	143	510	120	322	589	304
	1982	(D)	(D)	247	895	372	2 129	2 176
bushels, 1987	-	6 840	26 072	4 853	19 349	17 300	8 160	8 160
	1982	(D)	(D)	9 067	30 022	15 057	53 316	58 208
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	1	-	-	-	-	1
	acres, 1987	-	-	-	-	-	-	-
	1982	-	(D)	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		-	10	26	8	3	21	11
25 to 99 acres		-	1	5	1	5	10	4
100 to 249 acres		-	-	-	-	-	-	-
250 acres or more		-	-	-	-	-	-	-
Oats for grain	farms, 1987	111	932	447	459	124	171	55
	1982	253	979	509	718	186	237	93
	acres, 1987	2 587	22 492	7 919	11 605	2 441	2 702	1 180
	1982	6 111	23 130	9 984	21 572	3 172	4 029	1 909
bushels, 1987	145 093	1 453 302	467 898	522 245	198 165	105 283	36 181	36 181
	1982	405 917	1 190 512	576 764	1 421 057	198 263	121 172	48 469
Irrigated	farms, 1987	-	-	2	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	(D)	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		75	582	356	289	98	141	38
25 to 99 acres		33	365	88	165	23	30	16
100 to 249 acres		3	4	3	4	3	-	1
250 acres or more		-	1	-	1	-	-	-
Soybeans for beans	farms, 1987	725	170	790	946	713	424	349
	1982	841	103	735	1 085	821	481	409
	acres, 1987	114 582	10 851	63 428	98 070	103 628	31 948	31 224
	1982	122 931	4 774	61 018	95 097	110 491	39 280	38 795
bushels, 1987	4 687 610	470 117	2 843 390	3 726 789	4 548 961	1 021 541	1 110 698	1 110 698
	1982	4 282 755	159 641	2 544 219	3 581 513	4 360 271	1 069 729	1 110 730
Irrigated	farms, 1987	1	-	-	-	-	-	-
	1982	1	-	-	-	-	-	-
	acres, 1987	(D)	-	-	-	-	-	-
	1982	(D)	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		46	58	181	131	116	148	77
25 to 99 acres		236	81	388	444	246	179	168
100 to 249 acres		299	24	189	299	225	77	80
250 acres or more		144	7	32	72	126	20	24
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	241	1 272	638	676	374	657	468
	1982	374	1 365	659	844	480	703	572
	acres, 1987	8 003	83 341	21 568	23 903	9 641	33 142	32 832
	1982	10 165	77 428	19 963	27 523	11 364	35 614	39 380
tons, dry, 1987	24 283	280 637	66 184	72 404	25 982	65 049	68 292	68 292
	1982	31 498	256 360	66 594	91 697	37 125	86 323	97 645
Irrigated	farms, 1987	-	-	2	-	-	1	-
	1982	1	1	-	-	1	-	-
	acres, 1987	-	-	(D)	-	-	(D)	-
	1982	(D)	(D)	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres		153	304	337	322	230	227	127
25 to 99 acres		64	711	268	316	136	335	234
100 to 249 acres		23	239	33	34	8	89	92
250 acres or more		1	18	-	4	-	6	15

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Harvested cropland ----- farms, 1987 ..	1 315	688	534	1 469	553	1 353	888	900
----- farms, 1982 ..	1 368	719	598	1 549	665	1 493	1 001	1 065
----- acres, 1987 ..	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
----- acres, 1982 ..	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
Irrigated ----- farms, 1987 ..	2	7	4	5	6	7	7	8
----- farms, 1982 ..	-	4	4	2	-	3	6	2
----- acres, 1987 ..	(D)	(D)	(D)	18	311	425	(D)	(D)
----- acres, 1982 ..	-	311	(D)	(D)	(D)	42	868	(D)
Corn for grain or seed ----- farms, 1987 ..	1 247	596	474	1 367	523	1 271	811	870
----- farms, 1982 ..	1 303	634	550	1 440	617	1 376	894	1 022
----- acres, 1987 ..	152 360	70 934	67 152	103 204	76 262	152 228	108 155	130 089
----- acres, 1982 ..	184 224	95 773	91 610	122 836	107 116	189 247	132 029	172 074
----- bushels, 1987 ..	20 436 465	7 752 886	8 680 549	13 034 171	10 513 999	20 745 603	13 898 599	17 768 732
----- bushels, 1982 ..	22 956 796	12 103 320	10 272 578	14 830 558	12 916 187	20 846 810	15 091 739	20 827 413
Irrigated ----- farms, 1987 ..	-	1	1	-	5	4	6	5
----- farms, 1982 ..	-	2	1	-	3	2	6	2
----- acres, 1987 ..	-	(D)	(D)	-	218	(D)	605	234
----- acres, 1982 ..	-	(D)	(D)	-	(D)	(D)	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	112	108	39	239	31	174	107	66
25 to 99 acres -----	586	263	173	811	182	585	312	334
100 to 249 acres -----	417	161	197	275	235	371	281	326
250 acres or more -----	132	64	65	42	75	141	111	144
Corn for silage or green chop ----- farms, 1987 ..	286	60	54	368	20	255	77	42
----- farms, 1982 ..	524	80	127	598	87	492	159	144
----- acres, 1987 ..	5 110	1 603	2 113	6 884	929	4 854	1 574	1 181
----- acres, 1982 ..	10 658	2 279	6 422	12 434	3 189	12 749	4 534	5 348
----- tons, green, 1987 ..	80 840	29 552	32 259	99 984	15 335	81 841	29 977	23 335
----- tons, green, 1982 ..	173 581	41 725	98 244	194 971	50 081	196 233	68 133	112 151
Irrigated ----- farms, 1987 ..	-	-	-	1	-	-	-	-
----- farms, 1982 ..	-	1	-	-	-	-	1	-
----- acres, 1987 ..	-	-	-	(D)	-	-	-	-
----- acres, 1982 ..	-	(D)	-	(D)	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	229	38	27	292	9	191	58	30
25 to 99 acres -----	54	20	22	69	9	62	18	9
100 to 249 acres -----	3	2	4	7	2	2	1	3
250 acres or more -----	-	-	1	-	-	-	-	-
Wheat for grain ----- farms, 1987 ..	21	42	5	11	1	12	5	3
----- farms, 1982 ..	5	84	1	11	1	16	7	3
----- acres, 1987 ..	275	690	166	104	(D)	213	34	(D)
----- acres, 1982 ..	158	3 057	(D)	230	(D)	326	179	(D)
----- bushels, 1987 ..	10 215	35 118	6 521	4 735	(D)	7 220	1 120	11 910
----- bushels, 1982 ..	6 644	98 275	(D)	8 391	(D)	9 976	8 039	(D)
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	-	-
----- farms, 1982 ..	-	-	-	-	-	-	-	-
----- acres, 1987 ..	-	-	-	-	-	-	-	-
----- acres, 1982 ..	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	19	38	3	10	-	10	5	1
25 to 99 acres -----	2	4	2	1	-	2	-	1
100 to 249 acres -----	-	-	-	-	1	-	-	1
250 acres or more -----	-	-	-	-	-	-	-	-
Oats for grain ----- farms, 1987 ..	767	72	96	973	54	662	211	177
----- farms, 1982 ..	825	103	162	1 065	94	807	328	308
----- acres, 1987 ..	17 382	1 072	2 212	22 459	1 074	14 940	4 573	2 772
----- acres, 1982 ..	19 199	1 400	3 644	24 858	1 646	18 081	7 403	5 547
----- bushels, 1987 ..	1 083 467	50 331	130 921	1 449 245	65 923	967 020	278 941	165 857
----- bushels, 1982 ..	960 503	62 314	268 587	1 152 458	119 231	943 149	363 225	321 577
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	-	-
----- farms, 1982 ..	-	-	-	-	-	-	1	-
----- acres, 1987 ..	-	-	-	-	-	-	-	-
----- acres, 1982 ..	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	509	60	65	601	38	447	143	153
25 to 99 acres -----	252	12	30	368	15	209	65	24
100 to 249 acres -----	6	-	1	4	1	6	3	-
250 acres or more -----	-	-	-	-	-	-	-	-
Soybeans for beans ----- farms, 1987 ..	473	521	463	101	502	772	739	799
----- farms, 1982 ..	342	524	511	49	593	774	829	917
----- acres, 1987 ..	26 262	50 976	74 062	4 133	84 899	67 824	93 208	111 856
----- acres, 1982 ..	23 128	50 035	79 497	2 576	93 139	69 751	100 532	117 185
----- bushels, 1987 ..	1 209 472	1 927 508	2 903 116	190 367	3 648 321	3 026 716	3 800 357	4 815 151
----- bushels, 1982 ..	859 791	1 979 636	2 722 856	95 904	3 402 627	2 378 462	3 333 829	4 365 184
Irrigated ----- farms, 1987 ..	-	-	-	-	2	1	4	1
----- farms, 1982 ..	-	1	-	-	1	-	1	-
----- acres, 1987 ..	-	-	-	-	(D)	(D)	158	(D)
----- acres, 1982 ..	-	(D)	-	-	(D)	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	141	115	39	45	28	145	97	49
25 to 99 acres -----	260	234	131	48	127	392	293	304
100 to 249 acres -----	69	131	205	6	250	187	254	329
250 acres or more -----	3	41	88	2	97	48	95	117
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	955	325	192	1 267	152	870	358	280
----- farms, 1982 ..	993	312	224	1 318	190	1 012	436	355
----- acres, 1987 ..	48 626	10 277	7 714	76 518	4 169	44 262	10 394	6 939
----- acres, 1982 ..	43 421	8 976	7 137	67 323	4 256	44 646	10 686	7 997
----- tons, dry, 1987 ..	162 552	25 293	25 840	262 491	12 388	153 556	27 345	20 679
----- tons, dry, 1982 ..	144 535	27 017	23 321	225 753	13 231	150 537	32 818	27 112
Irrigated ----- farms, 1987 ..	1	-	-	-	-	-	-	1
----- farms, 1982 ..	-	-	-	-	-	1	2	-
----- acres, 1987 ..	(D)	-	-	-	-	-	-	(D)
----- acres, 1982 ..	-	-	-	-	(D)	(D)	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	275	193	108	296	98	281	213	184
25 to 99 acres -----	578	113	65	731	46	476	129	89
100 to 249 acres -----	96	15	17	229	8	107	16	6
250 acres or more -----	6	4	2	11	-	6	-	1

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Harvested cropland ----- farms, 1987..	636	850	929	830	935	975	944	925
1982..	706	956	1 012	984	1 059	1 103	1 071	1 093
acres, 1987..	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
1982..	221 709	298 927	280 478	212 433	312 961	309 687	295 747	298 908
Irrigated ----- farms, 1987..	11	8	-	4	2	8	9	78
1982..	8	4	1	2	-	6	2	69
acres, 1987..	1 265	(D)	-	(D)	(D)	586	(D)	15 933
1982..	(D)	501	(D)	(D)	-	772	(D)	(D)
Corn for grain or seed ----- farms, 1987..	567	789	886	737	883	940	872	835
1982..	605	882	954	841	990	1 050	983	956
acres, 1987..	87 155	112 576	128 793	82 343	126 152	128 403	128 885	124 451
1982..	97 807	148 325	160 873	107 907	165 668	166 870	167 179	148 222
bushels, 1987..	9 823 386	16 013 687	18 051 570	10 291 912	17 603 314	17 048 320	17 937 064	16 261 726
1982..	8 725 670	17 624 475	19 687 197	11 360 563	20 614 069	20 170 740	21 145 166	15 315 138
Irrigated ----- farms, 1987..	9	4	-	2	1	5	1	70
1982..	7	3	-	1	-	4	1	63
acres, 1987..	1 148	377	-	(D)	(D)	450	(D)	9 998
1982..	773	445	-	(D)	-	480	(D)	11 122
1987 farms by acres harvested:								
1 to 24 acres -----	54	69	79	124	65	63	60	82
25 to 99 acres -----	214	270	375	327	353	370	327	288
100 to 249 acres -----	205	337	306	205	344	381	343	330
250 acres or more -----	94	113	126	81	121	126	142	135
Corn for silage or green chop ----- farms, 1987..	15	17	37	28	12	67	46	48
1982..	39	87	89	110	43	174	125	140
acres, 1987..	413	1 109	1 364	934	946	1 310	1 016	1 168
1982..	1 439	4 476	3 284	2 994	2 087	4 926	5 183	4 078
tons, green, 1987..	6 350	19 867	28 161	17 204	17 090	24 192	16 456	18 150
1982..	21 306	75 809	63 690	49 606	35 062	89 520	84 961	58 988
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	1	-	-	-	3
acres, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	(D)	-	-	-	80
1987 farms by acres harvested:								
1 to 24 acres -----	10	4	25	15	3	50	26	31
25 to 99 acres -----	4	11	8	10	5	16	20	15
100 to 249 acres -----	1	1	3	3	3	1	-	2
250 acres or more -----	-	1	1	-	1	-	-	-
Wheat for grain ----- farms, 1987..	19	5	5	6	3	1	-	32
1982..	61	5	2	11	2	3	2	147
acres, 1987..	577	139	68	124	(D)	(D)	-	1 101
1982..	3 958	612	(D)	409	(D)	50	(D)	6 220
bushels, 1987..	22 367	4 180	3 485	3 290	8 620	(D)	-	37 407
1982..	68 546	20 950	(D)	14 590	(D)	2 023	(D)	207 700
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	1
acres, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	13	2	5	4	2	1	-	19
25 to 99 acres -----	5	3	-	2	-	-	-	11
100 to 249 acres -----	1	-	-	1	1	-	-	2
250 acres or more -----	-	-	-	-	-	-	-	-
Oats for grain ----- farms, 1987..	20	128	169	229	95	198	141	146
1982..	62	195	278	380	187	341	260	273
acres, 1987..	437	2 336	2 666	5 183	1 483	3 471	2 681	3 325
1982..	1 509	4 087	6 066	8 999	2 886	6 111	5 403	7 645
bushels, 1987..	21 686	144 126	160 529	249 610	97 869	226 932	164 514	171 519
1982..	72 579	269 988	352 447	463 145	160 069	365 293	328 755	497 882
Irrigated ----- farms, 1987..	-	-	-	-	-	1	-	-
1982..	-	-	-	1	-	-	-	-
acres, 1987..	-	-	-	-	-	(D)	-	-
1982..	-	-	-	(D)	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	12	107	144	169	82	157	112	96
25 to 99 acres -----	8	20	25	55	13	39	29	47
100 to 249 acres -----	-	-	-	4	-	2	-	3
250 acres or more -----	-	1	-	1	-	-	-	-
Soybeans for beans ----- farms, 1987..	577	781	828	643	841	872	819	783
1982..	627	862	858	713	942	969	874	902
acres, 1987..	107 022	139 225	103 749	72 201	133 655	120 801	105 352	113 656
1982..	109 574	135 875	102 338	68 067	140 524	125 373	111 782	119 347
bushels, 1987..	3 991 260	6 162 505	5 036 510	2 943 678	5 584 073	4 940 656	4 775 850	4 448 314
1982..	3 536 275	5 325 461	4 198 442	2 484 422	5 166 533	4 600 447	4 235 612	4 282 323
Irrigated ----- farms, 1987..	2	3	-	2	1	4	-	38
1982..	2	1	-	2	-	2	-	30
acres, 1987..	(D)	162	-	(D)	(D)	123	-	5 260
1982..	(D)	(D)	-	-	-	(D)	-	4 006
1987 farms by acres harvested:								
1 to 24 acres -----	47	50	77	103	56	57	66	85
25 to 99 acres -----	184	232	355	289	283	320	327	291
100 to 249 acres -----	200	317	311	182	355	363	337	274
250 acres or more -----	146	182	85	69	147	132	89	133
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	246	263	349	467	175	269	334	399
1982..	326	379	368	622	256	371	386	594
acres, 1987..	7 103	6 434	10 752	18 363	3 209	8 021	8 244	10 308
1982..	7 805	7 346	9 219	26 124	3 822	8 526	8 710	14 426
tons, dry, 1987..	19 829	18 712	39 468	47 514	7 655	24 100	24 095	33 457
1982..	21 330	24 019	33 161	79 084	10 485	28 378	27 460	43 944
Irrigated ----- farms, 1987..	-	1	-	-	-	1	2	2
1982..	-	-	-	-	-	-	1	6
acres, 1987..	-	(D)	-	-	-	(D)	(D)	(D)
1982..	-	-	-	-	-	-	(D)	83
1987 farms by acres harvested:								
1 to 24 acres -----	152	185	220	215	141	165	217	255
25 to 99 acres -----	82	66	117	208	29	90	110	133
100 to 249 acres -----	12	12	1	4	5	14	7	11
250 acres or more -----	-	-	1	1	-	-	-	-

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop			Henry	Howard	Humboldt	Iowa	Jackson	Jasper	Jefferson
Harvested cropland	farms, 1987	771	856	706	687	947	1 160	1 240	685
	1982	867	959	793	772	1 036	1 238	1 403	782
	acres, 1987	138 792	178 288	214 069	176 524	203 549	164 703	276 515	139 236
	1982	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
Irrigated	farms, 1987	2	2	3	1	2	6	9	4
	1982	5	2	2	—	—	2	6	2
	acres, 1987	(D)	(D)	261	—	(D)	30	(D)	(D)
	1982	45	(D)	(D)	(D)	—	(D)	(D)	(D)
Corn for grain or seed	farms, 1987	670	790	679	651	863	1 032	1 104	570
	1982	765	879	749	725	950	1 130	1 245	679
	acres, 1987	76 628	86 835	96 411	92 054	118 279	86 001	140 825	63 756
	1982	104 574	109 104	124 196	111 238	153 884	116 534	177 296	81 451
	bushels, 1987	7 780 010	10 708 944	13 484 942	11 032 148	14 285 398	9 565 228	18 812 791	6 364 526
	1982	12 564 266	10 854 823	15 813 697	12 682 001	17 707 102	13 723 345	21 054 371	9 023 779
Irrigated	farms, 1987	—	1	3	—	—	—	5	—
	1982	—	2	1	1	—	1	2	—
	acres, 1987	—	(D)	261	—	—	—	(D)	—
	1982	—	(D)	(D)	(D)	—	(D)	(D)	—
1987 farms by acres harvested:									
	1 to 24 acres	124	108	45	41	106	222	152	121
	25 to 99 acres	262	392	249	269	395	505	420	226
	100 to 249 acres	211	214	294	247	249	245	388	160
	250 acres or more	73	76	91	94	113	60	144	63
Corn for silage or green chop	farms, 1987	41	162	40	39	76	194	57	57
	1982	72	307	70	166	149	294	184	82
	acres, 1987	1 525	3 238	2 202	1 202	2 018	4 378	1 941	1 423
	1982	1 771	7 020	3 360	6 594	3 836	6 262	5 671	1 843
	tons, green, 1987	28 369	49 211	43 395	14 755	30 584	65 563	37 067	15 265
	1982	31 461	100 450	64 883	86 198	66 990	103 792	92 389	29 223
Irrigated	farms, 1987	—	—	—	—	—	—	—	—
	1982	—	—	—	—	—	—	—	—
	acres, 1987	—	—	—	—	—	—	—	—
	1982	—	—	—	—	—	—	—	—
1987 farms by acres harvested:									
	1 to 24 acres	26	127	22	20	51	137	29	37
	25 to 99 acres	12	29	13	17	20	51	25	18
	100 to 249 acres	2	6	3	2	4	6	2	2
	250 acres or more	1	—	2	—	1	—	1	—
Wheat for grain	farms, 1987	22	6	2	8	12	40	5	33
	1982	60	8	4	3	16	17	9	70
	acres, 1987	301	122	(D)	79	111	542	65	1 128
	1982	1 261	(D)	(D)	22	413	427	189	1 841
	bushels, 1987	13 151	3 112	(D)	3 240	6 413	23 455	2 667	29 320
	1982	37 241	13 610	(D)	680	15 035	19 155	7 308	50 816
Irrigated	farms, 1987	—	—	—	—	—	—	—	—
	1982	—	—	—	—	—	—	—	—
	acres, 1987	—	—	—	—	—	—	—	—
	1982	—	—	—	—	—	—	—	—
1987 farms by acres harvested:									
	1 to 24 acres	20	4	1	8	12	36	4	25
	25 to 99 acres	2	2	1	—	—	4	1	6
	100 to 249 acres	—	—	—	—	—	—	—	—
	250 acres or more	—	—	—	—	—	—	—	1
Oats for grain	farms, 1987	127	378	106	200	393	642	389	171
	1982	184	487	141	324	459	712	579	238
	acres, 1987	1 925	9 270	2 107	4 566	9 024	14 445	8 616	3 411
	1982	2 927	12 003	2 805	9 411	10 738	15 859	13 049	4 700
	bushels, 1987	90 324	505 665	123 290	222 282	457 953	847 486	477 835	144 299
	1982	123 279	584 675	194 297	685 981	506 915	738 155	737 591	193 563
Irrigated	farms, 1987	—	—	—	—	—	—	—	—
	1982	1	1	1	—	—	1	1	—
	acres, 1987	—	—	—	—	—	—	—	—
	1982	(D)	—	(D)	—	—	(D)	(D)	—
1987 farms by acres harvested:									
	1 to 24 acres	108	241	81	140	267	417	266	128
	25 to 99 acres	19	133	25	56	122	218	121	41
	100 to 249 acres	—	3	—	4	3	7	2	2
	250 acres or more	—	1	—	—	1	—	—	—
Soybeans for beans	farms, 1987	571	618	651	605	670	250	965	492
	1982	584	676	737	668	620	165	1 078	576
	acres, 1987	49 029	63 110	111 004	69 740	48 725	9 467	102 143	54 787
	1982	50 970	68 818	110 578	63 284	42 773	8 978	100 764	55 406
	bushels, 1987	1 825 532	2 485 619	4 940 795	2 642 609	2 119 747	384 426	4 539 434	2 011 235
	1982	1 978 114	2 012 431	4 294 879	2 433 934	1 535 573	332 713	3 854 115	1 844 494
Irrigated	farms, 1987	—	—	—	—	—	—	—	—
	1982	1	1	1	—	—	1	1	2
	acres, 1987	—	(D)	—	—	—	(D)	—	(D)
	1982	(D)	—	(D)	—	—	(D)	(D)	—
1987 farms by acres harvested:									
	1 to 24 acres	129	107	25	56	162	126	154	89
	25 to 99 acres	277	305	203	254	354	107	421	207
	100 to 249 acres	126	147	295	243	138	14	312	137
	250 acres or more	39	59	128	52	16	3	78	59
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	379	489	166	339	637	973	751	435
	1982	411	600	203	422	704	1 005	917	491
	acres, 1987	11 848	19 656	3 877	11 288	29 335	55 526	27 194	17 313
	1982	10 965	23 563	3 850	12 702	29 582	50 447	31 734	17 231
	tons, dry, 1987	23 015	60 098	10 916	37 312	84 406	168 340	78 317	32 777
	1982	28 555	76 407	13 678	44 897	90 079	162 197	102 730	44 724
Irrigated	farms, 1987	—	—	—	—	—	—	—	—
	1982	1	—	—	—	—	1	—	1
	acres, 1987	—	—	—	—	—	—	—	—
	1982	(D)	—	—	—	—	(D)	(D)	(D)
1987 farms by acres harvested:									
	1 to 24 acres	209	203	118	177	228	276	360	193
	25 to 99 acres	145	246	44	145	360	522	345	204
	100 to 249 acres	25	39	3	15	46	163	45	37
	250 acres or more	—	1	1	2	3	12	1	1

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Harvested cropland ----- farms, 1987 ..	1 178	1 023	892	1 601	882	1 502	571	568
----- farms, 1982 ..	1 329	1 176	1 085	1 760	939	1 614	630	656
----- acres, 1987 ..	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
----- acres, 1982 ..	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
Irrigated ----- farms, 1987 ..	17	1	-	7	14	16	17	1
----- farms, 1982 ..	3	1	1	5	4	12	14	-
----- acres, 1987 ..	152	(D)	-	450	(D)	(D)	(D)	(D)
----- acres, 1982 ..	5	(D)	(D)	590	(D)	(D)	(D)	-
Corn for grain or seed ----- farms, 1987 ..	1 020	941	828	1 556	707	1 280	537	400
----- farms, 1982 ..	1 160	1 082	955	1 691	762	1 375	586	458
----- acres, 1987 ..	108 975	115 284	109 327	212 709	67 487	124 735	72 324	28 860
----- acres, 1982 ..	145 747	152 719	138 528	273 362	84 397	157 295	94 241	38 653
----- bushels, 1987 ..	11 784 648	13 718 597	13 610 959	30 307 429	6 070 069	15 227 689	7 168 836	2 908 261
----- bushels, 1982 ..	17 586 784	19 351 320	16 229 762	34 888 272	9 785 050	19 259 510	11 895 481	2 941 910
Irrigated ----- farms, 1987 ..	1	-	-	5	4	-	14	-
----- farms, 1982 ..	-	1	-	5	-	2	8	-
----- acres, 1987 ..	(D)	-	-	390	176	-	1 765	-
----- acres, 1982 ..	-	(D)	-	590	-	(D)	1 277	-
1987 farms by acres harvested:								
1 to 24 acres -----	191	135	113	81	177	295	83	124
25 to 99 acres -----	441	396	326	645	311	571	188	188
100 to 249 acres -----	285	295	274	632	154	275	195	71
250 acres or more -----	103	115	115	198	65	119	71	17
Corn for silage or green chop ----- farms, 1987 ..	152	157	43	103	113	126	33	28
----- farms, 1982 ..	181	284	69	221	117	225	50	58
----- acres, 1987 ..	2 702	4 167	939	2 802	2 483	2 814	656	785
----- acres, 1982 ..	4 078	6 944	1 876	6 363	2 550	5 459	1 253	1 826
----- tons, green, 1987 ..	39 665	67 481	16 749	59 069	33 845	48 959	7 329	9 682
----- tons, green, 1982 ..	67 006	117 135	32 163	110 761	46 345	88 800	24 145	20 834
Irrigated ----- farms, 1987 ..	-	-	-	-	1	-	-	-
----- farms, 1982 ..	-	-	-	-	-	1	-	-
----- acres, 1987 ..	-	-	-	-	(D)	-	-	-
----- acres, 1982 ..	-	-	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	127	108	34	69	78	92	28	16
25 to 99 acres -----	23	41	7	30	34	29	3	10
100 to 249 acres -----	2	6	2	4	1	4	2	2
250 acres or more -----	-	2	-	-	-	1	-	-
Wheat for grain ----- farms, 1987 ..	18	13	29	4	119	28	24	2
----- farms, 1982 ..	26	13	48	54	1 243	18	31	11
----- acres, 1987 ..	369	196	616	54	1 807	368	716	(D)
----- acres, 1982 ..	694	992	1 056	193	5 578	688	1 184	673
----- bushels, 1987 ..	17 322	5 020	25 108	2 260	69 203	12 916	28 483	(D)
----- bushels, 1982 ..	26 907	23 768	36 927	3 490	142 196	24 470	38 956	19 750
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	2	-
----- farms, 1982 ..	-	-	-	-	-	-	2	-
----- acres, 1987 ..	-	-	-	-	-	-	(D)	-
----- acres, 1982 ..	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	11	12	23	4	103	24	11	-
25 to 99 acres -----	7	1	5	-	14	4	11	1
100 to 249 acres -----	-	-	1	-	2	-	2	-
250 acres or more -----	-	-	-	-	-	-	-	1
Oats for grain ----- farms, 1987 ..	465	428	224	267	107	489	83	89
----- farms, 1982 ..	525	517	304	424	131	559	115	133
----- acres, 1987 ..	10 945	9 551	4 281	4 866	1 712	9 449	1 120	1 837
----- acres, 1982 ..	11 437	11 425	6 244	6 916	1 897	11 367	2 208	2 782
----- bushels, 1987 ..	570 480	549 614	200 473	297 649	64 373	512 429	54 386	71 585
----- bushels, 1982 ..	554 889	544 213	281 493	478 535	74 623	501 366	101 602	94 297
Irrigated ----- farms, 1987 ..	1	-	-	-	-	1	1	1
----- farms, 1982 ..	-	-	-	-	-	-	1	-
----- acres, 1987 ..	(D)	-	-	-	-	(D)	(D)	(D)
----- acres, 1982 ..	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	322	298	168	229	88	368	76	61
25 to 99 acres -----	132	124	55	35	18	118	7	28
100 to 249 acres -----	11	6	1	2	1	3	-	-
250 acres or more -----	-	-	-	1	-	-	-	-
Soybeans for beans ----- farms, 1987 ..	705	527	709	1 489	648	946	451	298
----- farms, 1982 ..	696	508	718	1 605	706	1 030	462	364
----- acres, 1987 ..	54 296	40 219	64 470	233 034	60 580	81 631	50 482	19 978
----- acres, 1982 ..	52 853	37 353	62 613	242 744	60 020	93 015	51 568	23 885
----- bushels, 1987 ..	2 117 402	1 763 211	2 684 142	10 015 719	1 831 319	3 458 797	1 772 175	715 510
----- bushels, 1982 ..	1 990 388	1 519 228	2 367 841	9 106 277	2 247 209	3 545 750	1 986 002	651 139
Irrigated ----- farms, 1987 ..	1	1	-	1	2	-	8	-
----- farms, 1982 ..	-	-	-	-	-	1	10	-
----- acres, 1987 ..	(D)	(D)	-	(D)	(D)	-	787	-
----- acres, 1982 ..	-	-	-	-	-	(D)	1 170	-
1987 farms by acres harvested:								
1 to 24 acres -----	196	122	149	65	139	230	63	111
25 to 99 acres -----	330	274	318	509	286	435	191	120
100 to 249 acres -----	146	110	201	678	172	214	153	56
250 acres or more -----	33	21	41	237	51	67	44	11
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	726	653	503	414	546	861	236	457
----- farms, 1982 ..	829	714	647	523	548	930	249	545
----- acres, 1987 ..	27 367	30 056	22 121	10 445	18 827	26 646	7 023	27 877
----- acres, 1982 ..	26 493	27 083	23 152	10 791	18 460	21 809	6 126	28 711
----- tons, dry, 1987 ..	78 049	91 030	54 874	32 328	39 578	73 686	16 495	66 759
----- tons, dry, 1982 ..	79 042	85 269	66 596	35 229	45 195	65 853	16 209	69 494
Irrigated ----- farms, 1987 ..	-	-	-	1	1	1	2	-
----- farms, 1982 ..	-	-	-	-	-	-	1	-
----- acres, 1987 ..	-	-	-	(D)	(D)	(D)	(D)	-
----- acres, 1982 ..	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	323	261	214	264	283	504	136	139
25 to 99 acres -----	361	317	248	136	235	314	89	234
100 to 249 acres -----	41	68	35	14	27	40	11	74
250 acres or more -----	1	7	6	-	1	3	-	10

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Harvested cropland	farms, 1987	1 078	904	1 052	972	929	577	818	783
	1982	1 239	993	1 122	1 069	1 060	623	913	859
	acres, 1987	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
	1982	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
Irrigated	farms, 1987	16	5	3	10	7	4	7	90
	1982	14	-	2	5	8	6	3	73
	acres, 1987	1 339	(D)	(D)	74	(D)	771	828	25 152
	1982	1 118	-	(D)	64	10	1 845	(D)	22 010
Corn for grain or seed	farms, 1987	1 016	698	954	801	833	513	763	738
	1982	1 185	761	1 030	868	961	526	842	778
	acres, 1987	117 416	58 576	107 872	70 865	121 035	80 324	96 111	127 574
	1982	149 090	71 220	127 705	81 644	155 054	94 874	117 903	155 575
bushels, 1987		13 619 698	6 955 682	14 344 045	8 764 911	16 830 774	9 796 784	11 770 471	15 077 846
	1982	15 102 970	6 706 904	14 086 859	8 138 926	18 972 614	9 143 749	13 667 001	16 765 786
Irrigated	farms, 1987	12	-	-	-	-	3	2	84
	1982	8	-	1	-	1	6	2	67
	acres, 1987	1 038	-	-	-	-	470	(D)	17 551
	1982	655	-	(D)	-	(D)	905	(D)	(D)
1987 farms by acres harvested:									
	1 to 24 acres	51	181	157	227	117	64	99	82
	25 to 99 acres	459	319	401	323	319	176	301	256
	100 to 249 acres	436	158	300	208	246	186	280	231
	250 acres or more	70	40	96	43	151	87	83	169
Corn for silage or green chop	farms, 1987	184	32	84	37	38	9	168	60
	1982	477	95	169	107	111	55	266	139
	acres, 1987	5 684	1 182	2 178	1 039	1 487	388	4 915	2 084
	1982	13 956	3 625	4 296	2 706	2 924	2 982	8 317	7 287
tons, green, 1987		79 413	14 559	29 372	15 062	26 764	8 465	68 515	31 127
	1982	182 893	42 160	75 005	41 215	52 094	39 873	130 570	108 981
Irrigated	farms, 1987	2	-	-	-	-	-	-	-
	1982	3	-	-	-	1	-	-	2
	acres, 1987	(D)	-	-	-	-	-	-	-
	1982	85	-	-	-	(D)	-	-	(D)
1987 farms by acres harvested:									
	1 to 24 acres	113	24	60	23	24	4	98	34
	25 to 99 acres	58	4	22	11	9	3	63	24
	100 to 249 acres	11	3	1	3	4	2	6	1
	250 acres or more	2	1	1	-	1	-	1	1
Wheat for grain	farms, 1987	5	4	6	16	10	29	23	34
	1982	13	37	9	35	6	73	15	66
	acres, 1987	53	120	94	235	140	673	338	1 151
	1982	17 431	4 654	9 147	6 855	6 704	2 212	11 016	7 226
bushels, 1987		566 384	153 495	337 828	248 410	184 055	55 791	476 743	214 139
	1982	1 354 138	201 418	454 832	314 512	369 757	101 253	570 060	486 380
Irrigated	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	2	-	-	-	1
	acres, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	(D)
1987 farms by acres harvested:									
	1 to 24 acres	5	3	4	15	8	19	19	17
	25 to 99 acres	-	1	2	1	2	10	4	15
	100 to 249 acres	-	-	-	-	-	-	-	2
	250 acres or more	-	-	-	-	-	-	-	-
Oats for grain	farms, 1987	369	142	318	246	197	52	321	128
	1982	611	237	487	326	307	104	440	220
	acres, 1987	8 074	3 048	6 110	4 948	3 631	1 210	7 833	4 556
	1982	17 431	4 654	9 147	6 855	6 704	2 212	11 016	7 226
bushels, 1987		566 384	153 495	337 828	248 410	184 055	55 791	476 743	214 139
	1982	1 354 138	201 418	454 832	314 512	369 757	101 253	570 060	486 380
Irrigated	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	2	-	-	-	1
	acres, 1987	-	-	-	-	-	-	-	-
	1982	(D)	-	-	(D)	-	-	(D)	(D)
1987 farms by acres harvested:									
	1 to 24 acres	267	109	242	187	152	32	205	71
	25 to 99 acres	100	30	75	57	44	20	113	49
	100 to 249 acres	2	2	1	2	1	-	3	7
	250 acres or more	-	1	-	-	-	-	-	1
Soybeans for beans	farms, 1987	939	583	858	688	744	487	664	630
	1982	1 038	678	897	749	809	505	724	649
	acres, 1987	105 550	51 363	79 429	58 702	81 281	80 845	72 951	97 936
	1982	100 781	55 647	77 354	55 091	88 522	85 552	78 877	99 942
bushels, 1987		4 264 389	2 104 554	3 294 041	2 435 855	3 909 328	2 992 822	3 024 302	3 594 035
	1982	3 672 931	1 772 094	2 945 510	1 878 454	3 434 854	2 894 094	2 656 646	3 612 148
Irrigated	farms, 1987	3	-	1	1	-	1	2	46
	1982	7	-	-	-	-	4	-	33
	acres, 1987	210	-	(D)	(D)	-	(D)	(D)	7 140
	1982	287	-	-	-	-	790	-	6 187
1987 farms by acres harvested:									
	1 to 24 acres	79	140	149	168	131	62	91	104
	25 to 99 acres	433	265	398	303	318	141	290	224
	100 to 249 acres	362	138	267	181	214	172	222	170
	250 acres or more	65	40	44	36	81	112	61	132
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	580	666	587	598	445	208	377	288
	1982	668	734	698	749	549	315	434	349
	acres, 1987	17 502	26 569	18 691	21 952	13 025	6 228	13 931	8 834
	1982	16 135	28 233	22 334	28 030	13 745	7 560	12 636	9 459
tons, dry, 1987		56 854	72 773	55 259	56 969	37 663	16 896	35 040	25 860
	1982	53 230	83 053	77 092	86 594	46 277	22 518	37 075	29 054
Irrigated	farms, 1987	2	1	-	4	-	-	-	-
	1982	3	-	-	-	-	-	-	1
	acres, 1987	(D)	(D)	-	48	-	-	-	-
	1982	75	-	-	-	-	-	-	(D)
1987 farms by acres harvested:									
	1 to 24 acres	345	308	301	312	273	131	184	161
	25 to 99 acres	207	300	263	239	154	64	166	117
	100 to 249 acres	27	54	22	43	18	13	25	9
	250 acres or more	1	4	1	4	-	-	2	1

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Harvested cropland ----- farms, 1987 ..	634	627	801	1 104	676	908	867	1 545
1982 ..	667	689	899	1 200	758	961	956	1 691
acres, 1987 ..	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
1982 ..	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
Irrigated ----- farms, 1987 ..	2	2	35	4	11	7	29	13
1982 ..	-	1	26	4	13	2	22	17
acres, 1987 ..	(D)	(D)	(D)	8	(D)	1 928	(D)	(D)
1982 ..	-	(D)	(D)	(D)	1 743	(D)	3 734	2 987
Corn for grain or seed ----- farms, 1987 ..	447	575	684	1 056	616	812	838	1 452
1982 ..	481	592	796	1 138	720	818	918	1 575
acres, 1987 ..	26 349	73 645	81 722	124 897	77 922	84 480	118 241	198 164
1982 ..	32 211	84 492	104 558	155 057	102 719	84 960	154 733	226 503
bushels, 1987 ..	2 665 907	8 730 435	7 955 200	16 222 003	10 347 932	9 291 092	15 586 249	20 989 864
1982 ..	2 527 481	7 856 659	12 902 533	17 144 500	11 764 594	8 257 952	18 779 488	23 682 187
Irrigated ----- farms, 1987 ..	-	-	14	-	9	2	27	11
1982 ..	-	-	10	-	10	-	22	14
acres, 1987 ..	-	-	995	-	895	(D)	4 254	1 936
1982 ..	-	-	847	-	999	-	(D)	2 255
1987 farms by acres harvested:								
1 to 24 acres -----	170	71	115	72	31	121	63	118
25 to 99 acres -----	184	217	280	459	290	363	302	618
100 to 249 acres -----	85	214	198	433	244	266	348	540
250 acres or more -----	8	73	91	92	51	62	125	176
Corn for silage or green chop ----- farms, 1987 ..	38	19	67	67	49	36	38	118
1982 ..	107	102	115	256	148	100	121	401
acres, 1987 ..	1 051	676	1 847	2 155	1 573	1 086	1 024	2 886
1982 ..	3 048	4 097	3 234	9 506	5 017	2 996	4 312	12 818
tons, green, 1987 ..	14 055	14 247	25 777	40 008	24 093	16 124	16 011	41 879
1982 ..	33 725	65 813	56 928	141 974	85 136	42 325	67 990	171 286
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	1	-	-	1	-
acres, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	-	(D)	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	23	9	42	48	37	20	22	75
25 to 99 acres -----	13	9	23	15	8	15	15	41
100 to 249 acres -----	2	1	2	3	2	1	1	2
250 acres or more -----	-	-	-	1	2	-	-	-
Wheat for grain ----- farms, 1987 ..	6	12	28	3	5	64	1	19
1982 ..	16	70	26	4	9	154	3	16
acres, 1987 ..	104	482	737	34	158	1 626	(D)	325
1982 ..	248	2 497	1 039	160	243	5 557	65	732
bushels, 1987 ..	4 095	17 674	27 926	1 560	4 079	57 610	(D)	14 129
1982 ..	6 595	66 229	40 239	6 080	8 069	134 320	2 644	26 028
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	2	-	-	-	-	1
acres, 1987 ..	-	-	-	-	-	-	-	-
1982 ..	-	-	(D)	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	4	10	21	3	3	37	1	16
25 to 99 acres -----	2	1	6	-	2	25	-	2
100 to 249 acres -----	-	-	1	-	-	2	-	1
250 acres or more -----	-	1	-	-	-	-	-	-
Oats for grain ----- farms, 1987 ..	83	96	204	283	157	136	156	563
1982 ..	116	167	252	377	293	226	239	908
acres, 1987 ..	1 457	1 866	4 275	4 530	2 702	2 540	3 175	16 054
1982 ..	2 226	3 631	5 032	7 357	6 484	4 973	5 071	29 494
bushels, 1987 ..	62 381	91 878	224 208	346 987	195 551	107 537	197 644	1 058 772
1982 ..	75 721	158 943	294 363	567 640	515 169	197 745	346 962	2 209 116
Irrigated ----- farms, 1987 ..	-	-	1	-	-	-	-	-
1982 ..	-	-	-	-	1	-	-	-
acres, 1987 ..	-	-	(D)	-	-	-	-	-
1982 ..	-	-	-	-	(D)	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	63	68	156	249	131	105	108	351
25 to 99 acres -----	19	27	44	33	26	30	47	195
100 to 249 acres -----	1	1	4	1	-	1	1	15
250 acres or more -----	-	-	-	-	-	-	-	2
Soybeans for beans ----- farms, 1987 ..	333	532	556	999	624	785	802	1 287
1982 ..	381	564	582	1 092	708	823	874	1 300
acres, 1987 ..	19 212	72 597	54 102	132 665	91 774	94 261	126 240	137 600
1982 ..	22 490	74 660	52 162	133 676	93 454	92 283	132 729	122 453
bushels, 1987 ..	705 634	2 646 499	1 986 587	5 610 722	3 803 501	3 335 358	5 266 410	5 594 158
1982 ..	555 787	2 353 467	1 975 763	4 586 410	3 395 507	2 774 462	4 851 144	4 685 018
Irrigated ----- farms, 1987 ..	-	-	19	-	4	-	7	5
1982 ..	-	-	12	1	7	-	3	5
acres, 1987 ..	-	-	1 045	-	235	-	436	358
1982 ..	-	-	876	(D)	528	-	92	611
1987 farms by acres harvested:								
1 to 24 acres -----	102	62	97	39	20	106	47	125
25 to 99 acres -----	177	173	271	393	250	298	257	602
100 to 249 acres -----	46	217	153	461	263	290	371	474
250 acres or more -----	8	80	35	106	91	91	127	86
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	519	368	393	346	259	549	216	711
1982 ..	545	426	425	415	313	659	281	860
acres, 1987 ..	28 990	13 303	12 153	8 570	5 878	19 137	5 134	21 453
1982 ..	29 595	14 401	11 696	8 194	6 580	21 815	6 048	21 080
tons, dry, 1987 ..	71 972	36 280	31 220	26 522	16 170	49 756	15 890	71 173
1982 ..	74 201	40 060	39 881	27 528	21 142	58 694	21 068	71 208
Irrigated ----- farms, 1987 ..	-	-	2	-	-	1	-	-
1982 ..	-	-	-	-	2	-	1	2
acres, 1987 ..	-	-	(D)	-	-	(D)	-	-
1982 ..	-	-	-	-	(D)	-	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	158	171	221	237	189	264	148	423
25 to 99 acres -----	276	177	154	98	64	258	63	255
100 to 249 acres -----	77	19	17	11	6	26	5	30
250 acres or more -----	8	1	1	-	-	1	-	3

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Focahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Harvested cropland ----- farms, 1987 ..	929	841	1 429	904	592	945	862	1 035
----- farms, 1982 ..	1 045	960	1 617	1 029	702	1 044	971	1 185
----- acres, 1987 ..	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
----- acres, 1982 ..	317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
Irrigated ----- farms, 1987 ..	4	12	18	3	2	8	17	3
----- farms, 1982 ..	1	5	13	1	-	5	15	-
----- acres, 1987 ..	(D)	(D)	1 984	(D)	(D)	707	202	(D)
----- acres, 1982 ..	(D)	(D)	1 302	(D)	-	791	(D)	-
Corn for grain or seed ----- farms, 1987 ..	910	653	1 287	818	482	897	763	984
----- farms, 1982 ..	1 002	724	1 401	917	524	964	878	1 130
----- acres, 1987 ..	118 510	80 518	190 703	100 151	40 969	119 558	111 372	132 411
----- acres, 1982 ..	157 764	100 893	231 146	129 984	51 306	149 270	148 128	163 575
----- bushels, 1987 ..	15 779 681	11 274 889	25 187 379	12 586 370	4 248 023	15 021 139	13 407 266	16 173 496
----- bushels, 1982 ..	19 706 823	11 940 107	25 299 252	15 053 738	3 927 821	16 488 523	19 310 273	18 089 977
Irrigated ----- farms, 1987 ..	2	1	6	1	-	6	-	-
----- farms, 1982 ..	1	-	8	-	-	2	-	-
----- acres, 1987 ..	(D)	(D)	1 785	(D)	-	621	-	-
----- acres, 1982 ..	(D)	-	(D)	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	66	150	143	97	108	62	81	55
25 to 99 acres -----	369	264	443	345	231	382	305	380
100 to 249 acres -----	380	148	490	272	114	344	257	427
250 acres or more -----	95	91	211	104	29	109	120	122
Corn for silage or green chop ----- farms, 1987 ..	36	18	85	62	46	54	70	50
----- farms, 1982 ..	102	46	273	113	90	194	133	197
----- acres, 1987 ..	1 831	498	2 859	1 394	990	2 928	1 969	2 044
----- acres, 1982 ..	3 317	1 603	10 240	2 865	3 165	10 899	4 050	7 505
----- tons, green, 1987 ..	47 768	6 477	47 725	23 086	13 037	39 347	31 431	28 816
----- tons, green, 1982 ..	55 182	21 402	160 630	47 125	39 617	184 142	70 737	120 902
Irrigated ----- farms, 1987 ..	-	-	2	-	-	-	-	-
----- farms, 1982 ..	-	-	(D)	-	-	-	-	-
----- acres, 1987 ..	-	-	-	-	-	-	-	-
----- acres, 1982 ..	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	16	12	50	47	30	28	45	30
25 to 99 acres -----	16	5	28	12	16	19	19	16
100 to 249 acres -----	4	1	7	3	-	5	6	2
250 acres or more -----	-	-	-	-	-	2	-	2
Wheat for grain ----- farms, 1987 ..	-	4	43	6	10	3	6	4
----- farms, 1982 ..	2	21	115	5	48	15	8	17
----- acres, 1987 ..	-	107	1 516	164	437	64	109	58
----- acres, 1982 ..	(D)	786	3 845	81	2 010	782	110	768
----- bushels, 1987 ..	-	3 940	54 434	8 820	12 789	3 150	5 604	2 710
----- bushels, 1982 ..	(D)	22 448	141 885	4 180	37 916	32 803	3 780	29 845
Irrigated ----- farms, 1987 ..	-	-	-	-	-	-	-	-
----- farms, 1982 ..	-	-	-	-	-	-	-	-
----- acres, 1987 ..	-	-	-	-	-	-	-	-
----- acres, 1982 ..	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	-	2	24	2	5	2	4	3
25 to 99 acres -----	-	2	17	4	3	1	2	1
100 to 249 acres -----	-	-	1	-	2	-	-	-
250 acres or more -----	-	-	1	-	-	-	-	-
Oats for grain ----- farms, 1987 ..	121	88	300	367	98	237	263	380
----- farms, 1982 ..	220	143	450	518	121	393	336	593
----- acres, 1987 ..	2 024	1 600	7 231	9 532	2 560	5 983	4 480	8 645
----- acres, 1982 ..	4 245	2 742	11 918	13 759	3 735	9 499	6 042	15 110
----- bushels, 1987 ..	125 628	87 155	451 766	484 644	90 507	362 676	293 480	476 387
----- bushels, 1982 ..	301 329	142 333	711 435	738 063	110 629	689 114	385 075	986 603
Irrigated ----- farms, 1987 ..	2	-	-	1	-	-	-	-
----- farms, 1982 ..	-	-	-	-	-	1	-	-
----- acres, 1987 ..	(D)	-	-	(D)	-	-	-	-
----- acres, 1982 ..	-	-	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	106	67	207	216	61	149	215	258
25 to 99 acres -----	14	21	89	144	36	83	45	119
100 to 249 acres -----	1	-	3	7	-	5	3	3
250 acres or more -----	-	-	1	-	1	-	-	-
Soybeans for beans ----- farms, 1987 ..	878	608	1 126	731	439	867	603	881
----- farms, 1982 ..	884	694	1 215	811	531	905	534	944
----- acres, 1987 ..	142 055	79 880	159 046	76 368	42 819	117 882	38 786	90 028
----- acres, 1982 ..	149 489	82 108	157 244	77 013	54 693	117 232	35 178	82 038
----- bushels, 1987 ..	5 258 627	3 515 595	6 248 430	3 315 883	1 460 253	4 875 822	1 761 863	3 630 359
----- bushels, 1982 ..	5 684 972	3 123 411	5 813 859	2 888 838	1 415 334	4 354 795	1 509 739	3 130 415
Irrigated ----- farms, 1987 ..	2	-	2	-	-	3	-	1
----- farms, 1982 ..	-	-	3	-	-	3	-	-
----- acres, 1987 ..	(D)	-	(D)	-	-	50	-	(D)
----- acres, 1982 ..	-	-	185	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	40	119	122	127	93	56	158	80
25 to 99 acres -----	277	241	417	308	203	345	311	431
100 to 249 acres -----	394	153	422	231	105	353	122	322
250 acres or more -----	167	95	165	85	38	113	12	48
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987 ..	198	302	714	616	451	354	424	510
----- farms, 1982 ..	302	407	878	748	570	485	436	648
----- acres, 1987 ..	4 570	7 553	22 980	28 433	35 333	13 399	11 494	14 859
----- acres, 1982 ..	4 914	8 823	23 570	33 379	45 550	14 470	10 360	16 902
----- tons, dry, 1987 ..	13 757	22 959	66 760	89 007	83 083	43 069	33 782	42 633
----- tons, dry, 1982 ..	15 738	27 414	78 235	110 481	119 603	50 240	37 484	56 093
Irrigated ----- farms, 1987 ..	-	-	-	-	-	1	-	-
----- farms, 1982 ..	-	-	-	-	-	1	-	-
----- acres, 1987 ..	-	-	-	-	-	(D)	-	-
----- acres, 1982 ..	-	-	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	152	210	418	207	87	194	262	297
25 to 99 acres -----	36	78	257	351	250	126	144	189
100 to 249 acres -----	10	14	33	54	97	31	18	23
250 acres or more -----	-	-	6	4	17	3	-	1

**Table 15. Selected Crops: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Harvested cropland ----- farms, 1987..	1 667	1 001	1 238	690	597	699	788	1 104
----- farms, 1982..	1 816	1 113	1 350	800	693	801	862	1 188
----- acres, 1987..	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
----- acres, 1982..	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
Irrigated ----- farms, 1987..	58	14	5	-	2	1	2	7
----- farms, 1982..	57	6	2	2	2	-	1	4
----- acres, 1987..	(D)	(D)	(D)	-	(D)	(D)	(D)	57
----- acres, 1982..	(D)	204	(D)	(D)	(D)	(D)	(D)	(D)
Corn for grain or seed ----- farms, 1987..	1 561	885	1 137	581	473	553	511	793
----- farms, 1982..	1 689	986	1 228	653	521	652	628	847
----- acres, 1987..	194 424	116 748	146 615	55 044	40 799	41 462	49 900	69 880
----- acres, 1982..	226 736	152 049	173 412	64 318	49 811	58 885	60 987	84 363
----- bushels, 1987..	22 031 184	16 455 650	19 327 395	5 868 957	4 545 259	4 100 414	5 287 674	8 380 487
----- bushels, 1982..	23 940 261	19 136 567	20 382 661	4 986 346	4 211 312	5 885 896	6 668 944	8 010 793
Irrigated ----- farms, 1987..	54	5	-	-	-	-	-	1
----- farms, 1982..	53	1	-	1	-	-	-	1
----- acres, 1987..	7 716	(D)	-	-	-	-	-	(D)
----- acres, 1982..	6 848	(D)	-	(D)	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	142	130	156	124	131	193	148	250
25 to 99 acres -----	665	348	471	277	191	223	192	308
100 to 249 acres -----	584	280	359	139	122	107	125	173
250 acres or more -----	170	127	151	41	29	30	46	62
Corn for silage or green chop ----- farms, 1987..	283	35	61	16	22	83	33	50
----- farms, 1982..	717	93	157	63	72	106	47	102
----- acres, 1987..	10 802	1 235	1 346	390	603	1 667	969	1 309
----- acres, 1982..	29 273	2 986	3 948	1 941	2 454	2 231	1 205	5 584
----- tons, green, 1987..	145 896	22 164	26 189	4 300	6 844	20 150	12 466	22 129
----- tons, green, 1982..	427 622	54 193	61 966	24 399	30 471	27 280	19 729	58 817
Irrigated ----- farms, 1987..	2	-	-	-	-	-	-	-
----- farms, 1982..	9	-	-	-	-	-	-	-
----- acres, 1987..	(D)	-	-	-	-	-	-	-
----- acres, 1982..	341	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	142	21	41	12	17	55	20	38
25 to 99 acres -----	114	12	19	3	3	28	13	10
100 to 249 acres -----	25	1	1	1	2	-	-	1
250 acres or more -----	2	1	-	-	-	-	-	1
Wheat for grain ----- farms, 1987..	7	7	10	27	10	40	6	9
----- farms, 1982..	10	8	11	107	42	132	30	41
----- acres, 1987..	231	128	240	576	268	554	59	207
----- acres, 1982..	472	144	393	4 358	1 881	3 629	1 178	1 402
----- bushels, 1987..	9 820	5 419	9 760	24 097	7 953	18 220	1 170	8 579
----- bushels, 1982..	17 517	5 255	8 558	89 988	58 912	93 368	38 707	36 837
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	1	-	-	-	-	-	-	-
----- acres, 1987..	-	-	-	-	-	-	-	-
----- acres, 1982..	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	3	5	7	19	5	34	6	7
25 to 99 acres -----	4	2	3	8	5	6	-	2
100 to 249 acres -----	-	-	-	-	-	-	-	-
250 acres or more -----	-	-	-	-	-	-	-	-
Oats for grain ----- farms, 1987..	479	90	347	120	139	122	98	167
----- farms, 1982..	836	172	547	190	239	167	124	245
----- acres, 1987..	10 947	1 527	6 465	2 737	3 301	2 046	1 651	2 972
----- acres, 1982..	23 997	2 902	10 857	4 415	6 178	2 706	1 990	4 425
----- bushels, 1987..	744 073	86 951	313 356	104 925	137 330	72 429	68 796	125 358
----- bushels, 1982..	1 818 046	160 239	565 438	146 753	228 631	83 733	80 535	181 085
Irrigated ----- farms, 1987..	1	1	-	-	-	-	-	-
----- farms, 1982..	2	-	-	-	-	-	-	-
----- acres, 1987..	(D)	(D)	-	-	-	-	-	-
----- acres, 1982..	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	335	73	267	82	89	96	78	126
25 to 99 acres -----	139	17	77	36	47	26	20	40
100 to 249 acres -----	5	-	3	2	3	-	-	1
250 acres or more -----	-	-	-	-	-	-	-	-
Soybeans for beans ----- farms, 1987..	1 339	848	989	560	425	505	470	640
----- farms, 1982..	1 295	926	1 072	661	472	540	533	733
----- acres, 1987..	118 683	117 965	100 936	59 816	32 681	40 843	46 721	53 371
----- acres, 1982..	109 644	125 147	100 989	63 893	33 724	44 727	47 582	57 448
----- bushels, 1987..	5 158 590	5 334 137	4 831 128	1 976 558	1 230 031	1 388 369	1 800 536	2 100 582
----- bushels, 1982..	4 191 548	4 800 904	3 752 509	1 696 764	940 801	1 410 581	1 571 269	1 762 082
Irrigated ----- farms, 1987..	16	1	-	-	-	-	-	-
----- farms, 1982..	21	1	-	-	-	-	-	1
----- acres, 1987..	748	(D)	-	-	-	-	-	-
----- acres, 1982..	1 445	(D)	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres -----	211	97	152	115	109	140	107	170
25 to 99 acres -----	704	328	433	242	189	230	193	289
100 to 249 acres -----	357	294	349	150	110	102	130	137
250 acres or more -----	67	129	55	53	17	33	40	44
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	683	283	671	467	457	537	535	791
----- farms, 1982..	823	355	771	578	513	580	544	842
----- acres, 1987..	23 295	6 859	23 868	24 517	25 540	23 500	19 928	30 959
----- acres, 1982..	21 894	6 452	23 713	29 373	30 311	22 807	20 382	29 786
----- tons, dry, 1987..	77 068	18 019	73 682	55 475	65 941	47 206	45 976	83 102
----- tons, dry, 1982..	72 720	21 057	71 984	74 913	86 629	53 577	54 045	84 024
Irrigated ----- farms, 1987..	5	1	-	-	-	-	-	2
----- farms, 1982..	9	-	1	1	-	-	-	-
----- acres, 1987..	111	(D)	-	-	-	-	-	(D)
----- acres, 1982..	276	-	(D)	(D)	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	354	200	323	157	188	228	272	390
25 to 99 acres -----	286	73	311	245	219	257	230	336
100 to 249 acres -----	43	10	35	61	65	48	29	60
250 acres or more -----	-	-	2	4	5	4	4	5

Table 15. Selected Crops: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Harvested cropland ----- farms, 1987..	1 024	630	1 140	686	1 422	1 162	592	832
----- farms, 1982..	1 098	731	1 251	774	1 562	1 377	714	950
----- acres, 1987..	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
----- acres, 1982..	247 227	152 831	363 632	211 136	262 028	359 752	199 142	319 992
Irrigated ----- farms, 1987..	7	-	4	2	2	25	3	4
----- farms, 1982..	5	2	4	2	3	28	6	2
----- acres, 1987..	48	-	(D)	(D)	(D)	4 930	(D)	(D)
----- acres, 1982..	(D)	(D)	(D)	(D)	(D)	8 372	399	(D)
Corn for grain or seed ----- farms, 1987..	932	505	1 048	640	1 290	1 020	552	798
----- farms, 1982..	1 018	557	1 140	711	1 425	1 178	669	903
----- acres, 1987..	116 371	43 055	138 143	87 427	103 614	162 688	77 320	119 346
----- acres, 1982..	153 099	60 140	182 890	112 432	132 345	214 962	104 574	163 690
----- bushels, 1987..	13 290 292	4 557 377	19 331 951	11 820 656	13 335 146	18 991 273	10 020 057	16 476 936
----- bushels, 1982..	19 016 996	4 554 293	23 057 388	13 198 676	13 478 416	22 589 745	12 557 015	20 396 041
Irrigated ----- farms, 1987..	3	-	1	1	1	20	2	2
----- farms, 1982..	1	-	1	1	2	24	3	-
----- acres, 1987..	28	-	(D)	-	(D)	3 564	(D)	(D)
----- acres, 1982..	(D)	-	(D)	(D)	(D)	4 883	390	-
1987 farms by acres harvested:								
1 to 24 acres -----	117	138	105	51	262	111	74	55
25 to 99 acres -----	396	221	433	271	667	342	189	286
100 to 249 acres -----	305	117	389	226	312	381	199	334
250 acres or more -----	114	29	121	92	49	186	90	123
Corn for silage or green chop ----- farms, 1987..	78	21	30	46	424	70	65	18
----- farms, 1982..	119	73	65	76	748	260	100	51
----- acres, 1987..	1 618	470	773	1 128	8 486	2 798	1 372	761
----- acres, 1982..	2 939	2 682	2 080	1 929	18 219	9 238	2 200	2 221
----- tons, green, 1987..	25 914	5 980	12 501	14 700	139 809	42 136	23 135	16 792
----- tons, green, 1982..	52 029	27 501	31 346	33 719	275 071	133 500	35 263	41 125
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	-	-	-	-	-	-	-
----- acres, 1987..	-	-	-	-	-	-	-	-
----- acres, 1982..	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	57	14	20	35	336	33	50	10
25 to 99 acres -----	20	7	9	9	84	32	14	7
100 to 249 acres -----	1	-	1	2	2	3	-	-
250 acres or more -----	-	-	-	-	2	2	1	1
Wheat for grain ----- farms, 1987..	47	19	3	2	6	16	-	2
----- farms, 1982..	52	42	2	2	10	14	3	2
----- acres, 1987..	876	343	(D)	(D)	79	697	-	(D)
----- acres, 1982..	1 218	1 372	(D)	(D)	259	1 002	73	(D)
----- bushels, 1987..	36 235	11 688	2 650	(D)	4 030	20 137	-	(D)
----- bushels, 1982..	47 571	37 681	(D)	(D)	7 760	32 224	2 920	(D)
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	2	-	-	-	-	-	-	-
----- acres, 1987..	-	-	-	-	-	-	-	-
----- acres, 1982..	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	40	15	2	1	4	9	-	1
25 to 99 acres -----	7	4	1	1	2	5	-	-
100 to 249 acres -----	-	-	-	-	-	1	-	1
250 acres or more -----	-	-	-	-	-	1	-	-
Oats for grain ----- farms, 1987..	327	81	93	157	853	282	146	88
----- farms, 1982..	359	139	166	244	1 057	493	262	129
----- acres, 1987..	6 212	1 625	1 798	2 860	20 576	9 046	2 758	1 546
----- acres, 1982..	6 944	3 451	3 441	4 389	26 005	18 807	5 063	2 350
----- bushels, 1987..	295 085	57 353	104 881	186 347	1 217 857	495 502	160 748	94 034
----- bushels, 1982..	324 488	92 822	214 039	266 192	1 341 908	1 372 094	297 258	145 496
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	1	-	-	-	1	-	-
----- acres, 1987..	-	-	-	-	-	-	-	-
----- acres, 1982..	-	(D)	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	257	60	70	125	537	137	118	65
25 to 99 acres -----	69	21	21	32	309	136	27	23
100 to 249 acres -----	1	-	2	-	7	9	1	-
250 acres or more -----	-	-	-	-	-	-	-	-
Soybeans for beans ----- farms, 1987..	769	426	1 039	581	411	763	517	777
----- farms, 1982..	756	502	1 111	656	378	811	592	873
----- acres, 1987..	66 723	38 334	170 666	82 288	18 580	86 671	72 543	137 106
----- acres, 1982..	68 946	47 368	172 392	88 800	16 997	98 143	82 707	148 818
----- bushels, 1987..	2 818 021	1 378 703	7 272 652	3 070 284	773 018	3 358 177	2 918 118	5 631 282
----- bushels, 1982..	2 799 350	1 194 036	6 747 605	3 036 708	531 735	3 601 675	2 849 302	5 681 381
Irrigated ----- farms, 1987..	1	-	-	-	-	7	-	1
----- farms, 1982..	-	1	-	1	-	13	-	-
----- acres, 1987..	(D)	-	-	-	-	1 098	-	(D)
----- acres, 1982..	-	(D)	-	(D)	-	3 039	-	-
1987 farms by acres harvested:								
1 to 24 acres -----	160	103	76	48	168	122	65	46
25 to 99 acres -----	350	183	337	213	198	352	169	212
100 to 249 acres -----	225	112	409	230	41	202	204	345
250 acres or more -----	34	28	217	90	4	87	79	174
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	514	485	244	214	1 220	510	238	150
----- farms, 1982..	576	590	320	238	1 361	653	294	215
----- acres, 1987..	17 874	34 854	4 356	6 010	76 101	17 814	6 256	3 084
----- acres, 1982..	17 058	41 887	5 516	4 812	75 939	19 332	6 796	3 768
----- tons, dry, 1987..	41 048	77 469	11 473	19 682	249 750	48 432	16 825	8 788
----- tons, dry, 1982..	51 137	96 287	17 637	14 615	244 011	58 672	24 052	13 855
Irrigated ----- farms, 1987..	-	-	-	-	-	-	-	-
----- farms, 1982..	-	1	-	-	1	-	2	-
----- acres, 1987..	-	-	-	-	-	-	-	-
----- acres, 1982..	-	(D)	-	-	(D)	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres -----	252	102	195	129	267	284	160	112
25 to 99 acres -----	240	269	46	77	712	193	71	35
100 to 249 acres -----	21	100	3	6	227	28	5	3
250 acres or more -----	1	14	-	2	14	5	2	-

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>FARMS AND LAND IN FARMS</b>							
Land in farms ----- farms, 1987..	82 631	772	517	866	511	706	1 180
----- farms, 1982..	93 512	896	598	947	514	794	1 321
----- acres, 1987..	30 158 199	337 350	226 101	298 040	205 638	258 073	407 168
----- acres, 1982..	31 386 294	342 576	242 078	333 375	200 535	278 404	430 788
Average size of farm ----- acres, 1987..	385	437	437	344	402	366	345
----- acres, 1982..	336	382	405	352	390	351	326
Value of land and buildings <sup>1</sup> : ----- dollars, 1987..	342 244	291 322	212 670	206 909	196 717	338 694	373 663
----- dollars, 1982..	559 108	431 132	352 017	370 729	300 965	505 863	686 117
Average per acre ----- dollars, 1987..	942	651	504	649	460	880	1 112
----- dollars, 1982..	1 686	1 095	927	1 073	811	1 451	2 134
Total cropland ----- farms, 1987..	78 638	737	495	829	497	665	1 134
----- farms, 1982..	89 784	865	580	916	502	765	1 274
----- acres, 1987..	26 339 403	286 228	178 635	185 958	153 295	228 317	368 797
----- acres, 1982..	26 875 103	283 039	195 630	201 434	146 573	239 980	379 796
Harvested cropland ----- farms, 1987..	77 374	723	488	808	476	641	1 120
----- farms, 1982..	88 759	857	571	912	493	749	1 259
----- acres, 1987..	20 043 833	192 059	111 956	136 070	84 853	170 211	297 183
----- acres, 1982..	23 705 724	213 017	138 842	166 917	87 052	205 625	348 055
Irrigated land ----- farms, 1987..	711	4	-	-	1	2	4
----- farms, 1982..	558	2	1	2	1	-	1
----- acres, 1987..	91 190	204	-	-	(D)	(D)	(D)
----- acres, 1982..	90 942	(D)	(D)	(D)	(D)	-	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- \$1,000, 1987..	8 836 943	70 160	39 149	76 578	24 113	79 590	139 932
----- \$1,000, 1982..	9 733 562	70 272	46 700	77 315	21 705	92 160	137 030
Average per farm ----- dollars, 1987..	106 945	90 867	75 723	88 427	47 187	112 734	118 586
----- dollars, 1982..	104 089	78 429	78 093	81 642	42 228	116 070	103 732
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms..	71 997	679	450	579	378	614	1 082
----- \$1,000..	3 616 767	30 591	16 110	9 981	8 769	29 079	59 193
Grains ----- farms..	70 988	677	450	549	360	609	1 072
----- \$1,000..	3 524 735	30 086	15 855	8 987	7 894	28 732	58 569
Corn for grain ----- farms..	64 517	597	374	482	290	527	983
----- \$1,000..	1 939 575	16 349	8 387	7 942	3 813	15 414	30 178
Wheat ----- farms..	1 078	5	14	1	5	5	12
----- \$1,000..	2 591	(D)	(D)	(D)	(D)	(D)	29
Soybeans ----- farms..	62 486	617	417	113	321	562	1 003
----- \$1,000..	1 557 479	13 429	7 351	710	4 053	12 974	27 874
Sorghum for grain ----- farms..	49	-	3	-	-	-	-
----- \$1,000..	465	-	(D)	-	-	-	-
Barley ----- farms..	74	-	-	3	-	-	-
----- \$1,000..	111	-	-	(D)	-	-	-
Oats ----- farms..	10 908	115	58	165	26	117	258
----- \$1,000..	18 893	163	79	287	19	236	445
Other grains ----- farms..	630	6	-	15	1	5	5
----- \$1,000..	5 621	(D)	-	(D)	(D)	(D)	43
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	10 237	95	69	160	97	106	148
----- \$1,000..	43 012	500	255	821	362	(D)	523
Vegetables, sweet corn, and melons ----- farms..	359	1	-	5	-	1	11
----- \$1,000..	7 019	(D)	-	28	-	(D)	34
Fruits, nuts, and berries ----- farms..	186	1	-	3	4	-	4
----- \$1,000..	2 499	(D)	-	(D)	(D)	-	(D)
Nursery and greenhouse crops ----- farms..	241	1	-	3	1	-	2
----- \$1,000..	37 870	(D)	-	(D)	(D)	-	(D)
Other crops ----- farms..	65	1	-	-	-	-	3
----- \$1,000..	1 632	(D)	-	-	-	-	(D)
Livestock, poultry, and their products ----- farms..	59 370	664	430	826	456	537	874
----- \$1,000..	5 220 176	39 559	23 038	66 597	15 344	50 511	80 739
Poultry and poultry products ----- farms..	2 720	28	14	13	10	32	35
----- \$1,000..	191 697	24	22	(D)	4	(D)	2 456
Dairy products ----- farms..	6 928	27	8	431	24	13	55
----- \$1,000..	391 942	(D)	(D)	29 608	680	(D)	3 203
Cattle and calves ----- farms..	42 170	593	389	769	440	377	595
----- \$1,000..	2 094 924	21 839	13 291	18 824	11 207	25 449	40 561
Hogs and pigs ----- farms..	35 888	368	215	402	121	341	542
----- \$1,000..	2 484 999	16 381	9 278	17 870	3 155	23 714	33 615
Sheep, lambs, and wool ----- farms..	6 250	56	29	62	69	50	129
----- \$1,000..	41 763	196	210	82	274	254	859
Other livestock and livestock products (see text) ----- farms..	1 826	13	10	17	13	16	19
----- \$1,000..	14 851	(D)	(D)	(D)	24	80	47

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>FARMS AND LAND IN FARMS</b>							
Land in farms ----- farms, 1987 ..	959	797	849	1 095	973	1 065	865
----- farms, 1982 ..	1 036	921	999	1 154	1 079	1 214	1 019
----- acres, 1987 ..	295 689	324 369	223 286	326 683	353 592	320 425	336 463
----- acres, 1982 ..	296 198	322 419	239 532	324 812	355 934	327 485	346 637
Average size of farm ----- acres, 1987 ..	308	407	263	298	363	301	389
----- acres, 1982 ..	286	350	240	281	330	270	340
Value of land and buildings <sup>1</sup> : ----- dollars, 1987 ..	320 545	476 897	314 266	326 909	393 930	273 482	461 295
----- dollars, 1982 ..	679 347	748 059	472 598	547 843	662 404	495 062	708 898
Average per acre ----- dollars, 1987 ..	1 073	1 117	1 122	1 056	1 099	908	1 210
----- dollars, 1982 ..	2 374	2 186	2 003	1 945	1 927	1 883	2 197
Total cropland ----- farms, 1987 ..	902	773	803	1 051	919	996	837
----- farms, 1982 ..	983	895	983	1 112	1 031	1 155	986
----- acres, 1987 ..	272 573	285 737	203 943	300 221	326 705	290 337	318 932
----- acres, 1982 ..	266 305	285 721	212 181	291 593	322 520	281 541	319 517
Harvested cropland ----- farms, 1987 ..	897	766	791	1 037	913	978	833
----- farms, 1982 ..	876	895	950	1 104	1 030	1 134	981
----- acres, 1987 ..	218 651	241 433	164 341	231 920	261 609	226 309	260 999
----- acres, 1982 ..	250 440	270 676	196 042	270 457	306 549	270 074	304 583
Irrigated land ----- farms, 1987 ..	11	4	5	4	3	2	4
----- farms, 1982 ..	4	3	5	1	2	2	2
----- acres, 1987 ..	(D)	(D)	203	(D)	(D)	(D)	(D)
----- acres, 1982 ..	(D)	(D)	282	(D)	(D)	(D)	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- \$1,000, 1987 ..	96 757	90 366	73 998	108 087	131 694	104 363	97 636
----- \$1,000, 1982 ..	101 732	101 991	79 481	111 658	135 848	109 437	115 357
Average per farm ----- dollars, 1987 ..	102 979	113 383	87 159	98 710	135 348	97 999	112 874
----- dollars, 1982 ..	98 197	110 739	79 561	96 757	125 902	90 146	113 206
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms ..	877	750	738	953	900	956	827
----- \$1,000 ..	49 309	53 543	30 573	45 847	50 050	42 869	57 399
Grains ----- farms ..	859	747	732	945	899	948	826
----- \$1,000 ..	46 739	51 851	30 081	45 310	49 832	42 041	57 180
Corn for grain ----- farms ..	813	703	684	849	828	878	783
----- \$1,000 ..	27 954	26 138	19 113	29 793	24 076	24 403	26 243
Wheat ----- farms ..	3	9	2	8	3	6	2
----- \$1,000 ..	(D)	(D)	(D)	15	(D)	17	(D)
Soybeans ----- farms ..	779	720	624	811	871	879	807
----- \$1,000 ..	18 581	25 477	10 668	15 158	25 546	17 366	30 724
Sorghum for grain ----- farms ..	-	1	-	-	-	-	-
----- \$1,000 ..	-	(D)	-	-	-	-	-
Barley ----- farms ..	-	-	-	-	2	-	-
----- \$1,000 ..	-	-	-	-	(D)	-	-
Oats ----- farms ..	102	88	134	171	94	180	72
----- \$1,000 ..	157	169	188	264	143	249	171
Other grains ----- farms ..	10	6	4	10	5	3	3
----- \$1,000 ..	(D)	47	(D)	80	38	7	(D)
Cotton and cottonseed ----- farms ..	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-
Tobacco ----- farms ..	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	113	77	125	112	64	131	58
----- \$1,000 ..	395	301	429	322	214	511	(D)
Vegetables, sweet corn, and melons ----- farms ..	12	2	4	10	1	8	1
----- \$1,000 ..	44	(D)	(D)	196	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms ..	2	-	1	7	1	1	-
----- \$1,000 ..	(D)	-	(D)	(D)	(D)	(D)	-
Nursery and greenhouse crops ----- farms ..	11	5	1	2	-	1	-
----- \$1,000 ..	2 069	(D)	(D)	(D)	-	(D)	-
Other crops ----- farms ..	2	1	2	-	1	-	-
----- \$1,000 ..	(D)	(D)	(D)	-	(D)	-	-
Livestock, poultry, and their products ----- farms ..	581	421	616	808	589	797	453
----- \$1,000 ..	49 448	36 823	43 425	62 240	81 643	61 494	40 237
Poultry and poultry products ----- farms ..	37	17	32	69	49	50	19
----- \$1,000 ..	4 848	2 990	1 345	747	14 840	1 781	1 843
Dairy products ----- farms ..	79	13	236	242	13	107	3
----- \$1,000 ..	(D)	517	12 858	7 307	573	4 518	137
Cattle and calves ----- farms ..	343	247	462	557	223	497	213
----- \$1,000 ..	9 606	14 640	10 406	16 652	23 718	16 443	16 207
Hogs and pigs ----- farms ..	380	238	324	542	449	520	282
----- \$1,000 ..	30 238	18 471	18 567	37 133	41 989	38 288	21 663
Sheep, lambs, and wool ----- farms ..	64	65	80	83	69	106	78
----- \$1,000 ..	332	179	178	113	(D)	344	348
Other livestock and livestock products (see text) ----- farms ..	21	14	18	66	11	26	13
----- \$1,000 ..	(D)	28	72	287	(D)	120	38

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>FARMS AND LAND IN FARMS</b>								
Land in farms	farms, 1987	1 180	773	968	753	939	824	447
	1982	1 280	884	1 130	874	1 064	920	506
	acres, 1987	360 995	323 728	335 788	312 226	331 989	262 136	201 319
	1982	358 999	336 168	342 035	322 365	333 149	277 541	210 919
Average size of farm	acres, 1987	306	419	347	415	354	318	450
	1982	280	360	303	369	313	302	417
Value of land and buildings <sup>1</sup> :								
Average per farm	dollars, 1987	333 886	310 335	390 987	396 159	384 694	276 973	229 569
	1982	504 930	488 766	685 465	721 184	501 896	469 730	386 972
Average per acre	dollars, 1987	1 084	747	1 170	1 012	1 032	845	472
	1982	1 829	1 299	2 224	1 992	1 686	1 537	863
Total cropland	farms, 1987	1 095	734	924	720	890	793	428
	1982	1 208	862	1 075	832	1 009	882	499
	acres, 1987	332 060	284 348	296 612	293 017	287 462	236 472	147 351
	1982	324 132	292 415	304 104	297 264	286 501	245 290	158 264
Harvested cropland	farms, 1987	1 076	719	906	711	884	785	411
	1982	1 193	843	1 061	829	1 003	871	490
	acres, 1987	267 748	209 296	227 656	231 018	227 491	182 583	87 520
	1982	299 177	242 485	279 403	278 769	259 378	227 349	106 381
Irrigated land	farms, 1987	3	1	2	8	4	9	-
	1982	2	2	2	7	1	7	1
	acres, 1987	(D)	(D)	(D)	352	68	(D)	-
	1982	(D)	(D)	(D)	(D)	(D)	1 510	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text)	\$1,000, 1987	169 980	82 257	103 998	82 459	118 619	84 170	26 222
	1982	185 932	87 244	125 104	99 473	138 534	83 836	27 629
Average per farm	dollars, 1987	144 051	106 413	107 435	109 507	128 325	102 148	58 661
	1982	145 260	98 692	110 711	113 814	130 201	91 126	54 602
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms	1 045	702	859	691	858	733	355
	\$1,000	48 935	35 689	41 862	49 783	40 823	31 983	8 656
Grains	farms	1 039	701	849	683	852	728	345
	\$1,000	48 459	35 231	41 331	48 048	40 273	31 459	8 262
Corn for grain	farms	904	649	787	656	769	664	281
	\$1,000	24 831	19 217	25 914	28 145	19 788	19 523	4 515
Wheat	farms	3	19	9	1	-	6	5
	\$1,000	(D)	(D)	(D)	(D)	-	(D)	(D)
Soybeans	farms	998	662	739	636	811	621	300
	\$1,000	23 072	15 810	15 185	19 744	20 270	11 651	3 714
Sorghum for grain	farms	-	-	-	-	-	-	1
	\$1,000	-	-	-	-	-	-	(D)
Barley	farms	-	-	-	1	-	1	-
	\$1,000	-	-	-	(D)	-	(D)	-
Oats	farms	209	79	135	77	106	159	30
	\$1,000	373	82	212	128	(D)	237	25
Other grains	farms	13	9	2	4	7	4	1
	\$1,000	(D)	(D)	(D)	(D)	(D)	27	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	\$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	125	101	118	59	99	133	86
	\$1,000	348	444	421	285	361	516	(D)
Vegetables, sweet corn, and melons	farms	2	1	3	8	2	2	-
	\$1,000	(D)	(D)	(D)	(D)	(D)	(D)	-
Fruits, nuts, and berries	farms	1	1	4	3	-	2	-
	\$1,000	(D)	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops	farms	2	1	1	3	1	1	1
	\$1,000	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other crops	farms	1	-	1	2	-	-	-
	\$1,000	(D)	-	(D)	(D)	-	-	-
Livestock, poultry, and their products	farms	901	586	722	418	673	617	411
	\$1,000	121 046	46 568	62 135	32 676	77 796	52 187	17 565
Poultry and poultry products	farms	38	18	24	20	25	40	10
	\$1,000	93	(D)	118	1 728	(D)	538	11
Dairy products	farms	20	18	34	23	45	160	6
	\$1,000	646	(D)	(D)	(D)	1 724	7 766	268
Cattle and calves	farms	569	470	456	189	458	459	383
	\$1,000	66 958	27 976	20 230	5 571	39 832	19 403	9 076
Hogs and pigs	farms	688	324	481	285	438	375	192
	\$1,000	52 554	17 392	39 579	24 228	34 288	23 517	8 064
Sheep, lambs, and wool	farms	51	66	150	48	59	38	41
	\$1,000	(D)	201	486	(D)	566	(D)	109
Other livestock and livestock products (see text)	farms	8	8	12	19	24	10	14
	\$1,000	(D)	11	(D)	138	(D)	(D)	36

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>FARMS AND LAND IN FARMS</b>							
Land in farms ----- farms, 1987 ..	755	1 383	1 146	1 104	735	543	446
----- farms, 1982 ..	923	1 433	1 303	1 301	896	605	512
----- acres, 1987 ..	310 068	422 820	363 343	392 406	309 849	224 273	240 745
----- acres, 1982 ..	343 258	425 986	390 585	417 964	332 820	244 888	274 139
Average size of farm ----- acres, 1987 ..	411	306	317	355	422	413	540
----- acres, 1982 ..	372	297	300	321	371	405	535
Value of land and buildings <sup>1</sup> : ----- dollars, 1987 ..	419 678	275 438	308 506	270 504	485 309	176 246	251 135
----- dollars, 1982 ..	670 884	429 267	604 574	393 109	704 334	346 255	396 363
Average per acre ----- dollars, 1987 ..	1 008	894	969	770	1 123	442	447
----- dollars, 1982 ..	1 795	1 414	2 120	1 233	1 864	807	785
Total cropland ----- farms, 1987 ..	715	1 315	1 096	1 016	704	519	424
----- farms, 1982 ..	887	1 381	1 248	1 253	853	587	494
----- acres, 1987 ..	283 799	313 661	327 026	348 912	277 152	159 596	157 760
----- acres, 1982 ..	308 621	302 967	345 219	361 293	287 407	176 900	183 530
Harvested cropland ----- farms, 1987 ..	711	1 285	1 076	988	692	502	406
----- farms, 1982 ..	878	1 365	1 234	1 221	846	580	482
----- acres, 1987 ..	226 852	233 611	253 436	259 813	218 335	97 337	91 240
----- acres, 1982 ..	267 707	258 542	317 977	307 363	267 282	125 667	124 168
Irrigated land ----- farms, 1987 ..	3	1	6	2	8	-	2
----- farms, 1982 ..	6	1	2	1	3	-	1
----- acres, 1987 ..	(D)	(D)	67	(D)	128	-	(D)
----- acres, 1982 ..	543	(D)	(D)	(D)	(D)	-	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Total sales (see text) ----- \$1,000, 1987 ..	93 219	143 451	114 478	110 070	77 347	31 842	34 577
----- \$1,000, 1982 ..	113 481	131 214	146 226	120 559	95 294	35 870	36 897
Average per farm ----- dollars, 1987 ..	123 469	103 725	99 893	99 701	105 234	58 640	77 526
----- dollars, 1982 ..	122 948	91 566	112 223	92 667	106 354	59 288	71 673
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ----- farms ..	701	982	976	954	672	384	349
----- \$1,000 ..	44 758	23 813	42 302	42 562	48 006	9 672	10 956
Grains ----- farms ..	700	938	968	949	662	371	331
----- \$1,000 ..	44 284	22 040	41 412	42 036	46 854	9 357	10 466
Corn for grain ----- farms ..	668	864	891	855	631	300	249
----- \$1,000 ..	21 616	19 063	27 233	23 222	24 693	4 645	4 898
Wheat ----- farms ..	-	7	29	4	4	24	12
----- \$1,000 ..	-	15	(D)	3	26	(D)	(D)
Soybeans ----- farms ..	677	155	742	884	620	325	303
----- \$1,000 ..	22 493	2 168	13 843	18 103	22 023	4 632	5 494
Sorghum for grain ----- farms ..	-	-	-	1	-	1	3
----- \$1,000 ..	-	-	-	(D)	-	(D)	17
Barley ----- farms ..	-	4	-	-	-	-	-
----- \$1,000 ..	-	(D)	-	-	-	-	-
Oats ----- farms ..	58	370	196	228	60	41	14
----- \$1,000 ..	136	732	283	384	112	37	(D)
Other grains ----- farms ..	4	4	5	29	-	1	4
----- \$1,000 ..	38	(D)	(D)	(D)	-	(D)	27
Cotton and cottonseed ----- farms ..	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-
Tobacco ----- farms ..	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	51	302	126	138	68	87	80
----- \$1,000 ..	202	1 699	444	(D)	211	304	390
Vegetables, sweet corn, and melons ----- farms ..	-	4	2	2	10	3	3
----- \$1,000 ..	-	(D)	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms ..	1	3	2	-	5	3	5
----- \$1,000 ..	(D)	18	(D)	-	(D)	(D)	(D)
Nursery and greenhouse crops ----- farms ..	1	3	3	-	7	1	1
----- \$1,000 ..	(D)	(D)	(D)	-	819	(D)	(D)
Other crops ----- farms ..	1	-	-	-	-	1	2
----- \$1,000 ..	(D)	-	-	-	-	(D)	(D)
Livestock, poultry, and their products ----- farms ..	459	1 277	856	903	410	503	388
----- \$1,000 ..	48 461	119 636	72 176	67 508	29 341	22 169	23 621
Poultry and poultry products ----- farms ..	24	43	32	36	22	26	6
----- \$1,000 ..	(D)	1 123	252	507	(D)	1 489	6
Dairy products ----- farms ..	10	674	59	39	9	77	12
----- \$1,000 ..	210	41 918	3 511	(D)	343	2 019	771
Cattle and calves ----- farms ..	249	1 127	603	703	285	449	356
----- \$1,000 ..	20 725	24 324	38 601	35 445	11 441	9 002	14 396
Hogs and pigs ----- farms ..	283	745	561	562	196	214	131
----- \$1,000 ..	22 375	52 058	29 444	29 076	12 323	9 144	8 315
Sheep, lambs, and wool ----- farms ..	78	58	81	68	39	99	32
----- \$1,000 ..	1 044	85	234	1 073	(D)	450	109
Other livestock and livestock products (see text) ----- farms ..	12	34	18	13	23	45	12
----- \$1,000 ..	(D)	132	133	(D)	503	65	24

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987--	1 278	518	497	1 384	522	1 300	777	895
----- farms, 1982--	1 327	583	570	1 434	628	1 363	866	1 048
----- acres, 1987--	343 222	198 069	205 755	315 089	224 074	409 618	286 515	341 124
----- acres, 1982--	345 148	213 475	224 624	324 197	241 476	421 471	291 415	362 542
Average size of farm ----- acres, 1987--	269	382	414	228	429	315	369	381
----- acres, 1982--	260	366	394	226	385	309	337	346
Value of land and buildings <sup>1</sup> : ----- dollars, 1987--	286 406	404 648	390 245	239 182	414 323	287 624	330 449	394 497
----- dollars, 1982--	575 423	602 281	640 690	409 043	805 048	526 530	667 148	754 902
Average per acre ----- dollars, 1987--	1 100	1 080	980	1 099	1 029	911	939	1 078
----- dollars, 1982--	2 249	1 718	1 723	1 816	2 064	1 711	1 968	2 223
Total cropland ----- farms, 1987--	1 217	507	473	1 293	507	1 237	752	840
----- farms, 1982--	1 270	571	548	1 370	615	1 316	838	995
----- acres, 1987--	300 474	165 081	189 436	258 171	209 163	355 748	265 659	315 824
----- acres, 1982--	300 185	173 297	200 904	253 544	220 110	356 769	262 669	328 990
Harvested cropland ----- farms, 1987--	1 203	504	470	1 275	500	1 212	745	832
----- farms, 1982--	1 262	568	541	1 353	612	1 294	823	994
----- acres, 1987--	239 636	128 556	149 470	200 670	164 545	275 283	211 775	249 605
----- acres, 1982--	272 405	157 718	185 227	218 860	206 298	324 143	248 275	307 642
Irrigated land ----- farms, 1987--	-	4	2	3	5	6	7	8
----- farms, 1982--	-	4	2	2	4	3	6	2
----- acres, 1987--	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- acres, 1982--	-	311	(D)	(D)	(D)	42	868	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987--	166 898	42 893	63 879	151 864	56 596	134 497	78 163	110 471
----- \$1,000, 1982--	152 735	57 057	77 896	134 488	70 401	145 156	86 317	129 842
Average per farm ----- dollars, 1987--	130 593	82 805	128 528	109 728	108 422	103 459	100 596	123 431
----- dollars, 1982--	115 098	97 867	136 659	93 786	112 103	106 497	99 673	123 895
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms--	926	484	452	752	491	1 071	727	814
----- \$1,000--	28 615	25 034	28 604	12 946	35 818	47 478	45 017	55 784
Grains ----- farms--	891	478	449	690	489	1 054	722	811
----- \$1,000--	27 544	23 840	28 055	11 182	35 624	46 349	42 209	54 529
Corn for grain ----- farms--	768	448	416	607	473	981	682	783
----- \$1,000--	21 301	13 993	14 211	9 743	17 772	31 513	23 630	30 800
Wheat ----- farms--	17	37	5	9	1	10	4	3
----- \$1,000--	21	87	(D)	9	(D)	17	2	(D)
Soybeans ----- farms--	459	442	433	96	476	735	675	769
----- \$1,000--	5 706	9 719	13 712	953	17 787	14 280	18 306	23 546
Sorghum for grain ----- farms--	-	-	-	1	-	-	-	1
----- \$1,000--	-	-	-	(D)	-	-	-	(D)
Barley ----- farms--	5	-	-	10	-	3	-	4
----- \$1,000--	8	-	-	11	-	2	-	5
Oats ----- farms--	242	30	52	230	27	273	118	87
----- \$1,000--	494	(D)	116	458	(D)	516	247	121
Other grains ----- farms--	9	2	2	6	1	7	7	6
----- \$1,000--	14	(D)	(D)	(D)	(D)	22	24	25
Cotton and cottonseed ----- farms--	-	-	-	-	-	-	-	-
----- \$1,000--	-	-	-	-	-	-	-	-
Tobacco ----- farms--	-	-	-	-	-	-	-	-
----- \$1,000--	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms--	221	68	45	254	36	210	80	69
----- \$1,000--	989	322	371	1 424	(D)	960	323	216
Vegetables, sweet corn, and melons ----- farms--	-	4	1	1	-	9	3	6
----- \$1,000--	-	(D)	(D)	(D)	-	80	(D)	(D)
Fruits, nuts, and berries ----- farms--	2	1	-	4	1	2	-	-
----- \$1,000--	(D)	(D)	-	(D)	(D)	(D)	-	-
Nursery and greenhouse crops ----- farms--	1	3	4	5	-	3	4	1
----- \$1,000--	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Other crops ----- farms--	1	-	-	1	-	-	-	-
----- \$1,000--	(D)	-	-	(D)	-	-	-	-
Livestock, poultry, and their products ----- farms--	1 149	323	298	1 318	254	1 029	470	545
----- \$1,000--	138 283	17 859	35 275	138 918	20 779	87 018	33 146	54 706
Poultry and poultry products ----- farms--	32	7	20	46	18	36	22	43
----- \$1,000--	1 107	(D)	1 762	(D)	181	1 579	994	5 255
Dairy products ----- farms--	513	15	22	611	2	400	45	25
----- \$1,000--	32 533	1 137	1 146	(D)	(D)	25 067	1 613	(D)
Cattle and calves ----- farms--	863	240	177	1 134	141	805	291	243
----- \$1,000--	22 079	7 324	20 327	37 475	9 509	20 077	10 368	11 634
Hogs and pigs ----- farms--	895	154	167	849	165	578	279	384
----- \$1,000--	82 415	9 111	11 776	54 018	10 877	39 784	20 060	36 504
Sheep, lambs, and wool ----- farms--	60	36	41	45	31	80	42	64
----- \$1,000--	121	122	221	119	149	411	85	174
Other livestock and livestock products (see text) ----- farms--	18	20	10	23	8	23	18	18
----- \$1,000--	27	(D)	43	134	(D)	101	27	(D)

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987 ..	578	779	908	735	881	928	921	825
----- farms, 1982 ..	635	900	1 013	841	1 033	1 086	1 027	951
----- acres, 1987 ..	298 977	346 237	316 224	297 541	341 619	340 590	333 182	374 805
----- acres, 1982 ..	300 279	352 113	317 381	308 153	354 273	347 889	349 098	395 098
Average size of farm ----- acres, 1987 ..	517	444	348	405	388	367	362	454
----- acres, 1982 ..	473	391	313	366	343	320	340	415
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987 ..	431 960	463 944	435 244	281 508	477 108	417 550	393 332	375 686
----- dollars, 1982 ..	661 931	739 730	702 434	442 251	791 054	683 518	718 929	453 258
Average per acre ----- dollars, 1987 ..	824	1 034	1 231	769	1 247	1 119	1 022	836
----- dollars, 1982 ..	1 419	2 007	2 376	1 259	2 341	2 156	2 121	1 136
Total cropland ----- farms, 1987 ..	549	751	857	705	842	894	858	790
----- farms, 1982 ..	623	867	956	817	984	1 051	966	929
----- acres, 1987 ..	261 784	316 398	295 557	248 528	321 397	322 223	302 054	322 014
----- acres, 1982 ..	262 920	317 095	292 987	253 393	324 337	323 015	311 329	340 013
Harvested cropland ----- farms, 1987 ..	545	745	852	684	832	888	851	779
----- farms, 1982 ..	618	862	945	812	978	1 043	960	918
----- acres, 1987 ..	200 240	255 194	241 792	172 687	259 624	256 175	241 525	250 366
----- acres, 1982 ..	219 478	296 566	278 640	207 065	311 110	308 277	292 304	294 199
Irrigated land ----- farms, 1987 ..	11	8	-	4	2	8	9	75
----- farms, 1982 ..	8	4	1	1	-	6	2	69
----- acres, 1987 ..	1 265	(D)	-	(D)	(D)	586	(D)	15 844
----- acres, 1982 ..	1 416	501	(D)	(D)	-	772	(D)	15 837
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987 ..	67 334	89 319	120 373	63 878	133 307	97 220	114 950	80 667
----- \$1,000, 1982 ..	69 702	105 590	120 239	75 805	150 784	114 759	132 035	84 078
Average per farm ----- dollars, 1987 ..	116 494	114 658	132 570	86 909	151 313	104 763	124 810	97 778
----- dollars, 1982 ..	109 766	117 322	118 696	90 137	145 967	105 672	128 564	88 410
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms ..	538	738	833	650	823	869	837	764
----- \$1,000 ..	37 026	58 578	56 998	30 401	57 248	52 561	53 628	49 467
Grains ----- farms ..	531	734	830	642	819	866	828	756
----- \$1,000 ..	36 233	58 001	55 583	29 837	56 963	52 368	52 907	49 041
Corn for grain ----- farms ..	493	718	788	587	786	826	785	716
----- \$1,000 ..	16 513	28 386	31 152	16 025	29 881	29 022	29 394	27 064
Wheat ----- farms ..	16	3	5	5	2	1	-	26
----- \$1,000 ..	43	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Soybeans ----- farms ..	519	725	793	594	790	822	781	722
----- \$1,000 ..	19 393	29 464	24 262	13 620	26 956	23 149	23 372	21 097
Sorghum for grain ----- farms ..	6	-	-	-	-	-	-	-
----- \$1,000 ..	32	-	-	-	-	-	-	-
Barley ----- farms ..	-	1	-	-	-	-	-	-
----- \$1,000 ..	-	(D)	-	-	-	-	-	-
Oats ----- farms ..	10	72	66	119	61	108	79	71
----- \$1,000 ..	(D)	138	126	(D)	80	163	(D)	(D)
Other grains ----- farms ..	20	1	2	-	5	5	4	27
----- \$1,000 ..	(D)	(D)	(D)	-	(D)	(D)	(D)	692
Cotton and cottonseed ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Tobacco ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	66	56	96	82	49	59	66	63
----- \$1,000 ..	230	225	(D)	264	(D)	(D)	261	191
Vegetables, sweet corn, and melons ----- farms ..	1	3	1	-	1	-	9	3
----- \$1,000 ..	(D)	(D)	(D)	-	(D)	-	(D)	(D)
Fruits, nuts, and berries ----- farms ..	3	2	-	1	-	1	3	6
----- \$1,000 ..	(D)	(D)	-	(D)	-	(D)	(D)	(D)
Nursery and greenhouse crops ----- farms ..	2	2	-	3	1	1	4	1
----- \$1,000 ..	(D)	(D)	-	(D)	(D)	(D)	345	(D)
Other crops ----- farms ..	-	1	-	-	-	-	-	-
----- \$1,000 ..	-	(D)	-	-	-	-	-	-
Livestock, poultry, and their products ----- farms ..	331	382	574	552	447	519	594	519
----- \$1,000 ..	30 308	30 741	63 375	33 477	76 059	44 659	61 322	31 200
Poultry and poultry products ----- farms ..	8	18	51	16	45	34	32	20
----- \$1,000 ..	9	114	(D)	99	31 552	(D)	1 952	17
Dairy products ----- farms ..	7	-	35	12	5	28	16	18
----- \$1,000 ..	408	-	1 987	(D)	402	1 740	(D)	358
Cattle and calves ----- farms ..	262	255	318	447	128	243	319	440
----- \$1,000 ..	20 034	12 253	29 633	15 957	10 482	12 299	16 420	18 589
Hogs and pigs ----- farms ..	145	190	386	291	325	372	392	230
----- \$1,000 ..	9 800	17 909	29 832	16 959	32 279	28 580	42 238	12 139
Sheep, lambs, and wool ----- farms ..	16	76	85	58	57	52	61	24
----- \$1,000 ..	54	(D)	370	136	179	200	(D)	72
Other livestock and livestock products (see text) ----- farms ..	5	8	21	14	25	9	33	16
----- \$1,000 ..	3	(D)	(D)	(D)	1 164	(D)	152	26

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987..	607	780	685	689	848	1 019	1 107	524
----- farms, 1982..	712	888	779	777	967	1 138	1 273	653
----- acres, 1987..	208 773	259 664	272 540	254 545	316 580	319 173	410 703	212 683
----- acres, 1982..	225 017	270 224	272 790	255 721	351 948	329 724	433 675	230 800
Average size of farm ----- acres, 1987..	344	333	398	369	373	313	371	406
----- acres, 1982..	316	304	350	329	364	290	341	353
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	368 247	235 061	428 428	370 983	312 908	225 518	327 890	318 239
----- dollars, 1982..	547 058	391 329	779 807	477 659	576 486	435 211	539 738	435 727
Average per acre ----- dollars, 1987..	1 004	731	1 089	957	878	774	916	784
----- dollars, 1982..	1 758	1 386	2 177	1 553	1 556	1 460	1 673	1 353
Total cropland ----- farms, 1987..	576	749	682	652	822	958	1 048	502
----- farms, 1982..	684	849	745	748	926	1 088	1 216	628
----- acres, 1987..	177 418	234 110	256 543	229 658	277 664	230 735	355 474	176 775
----- acres, 1982..	185 600	239 046	252 647	225 600	293 594	238 536	371 004	186 004
Harvested cropland ----- farms, 1987..	565	740	657	635	812	929	1 022	495
----- farms, 1982..	676	844	743	732	915	1 071	1 198	611
----- acres, 1987..	131 957	175 344	212 812	175 069	199 540	158 324	271 828	132 614
----- acres, 1982..	165 936	213 667	242 983	200 822	233 025	188 592	319 767	154 344
Irrigated land ----- farms, 1987..	2	3	3	-	1	5	6	5
----- farms, 1982..	4	2	1	1	-	-	6	2
----- acres, 1987..	(D)	(D)	261	-	(D)	(D)	(D)	127
----- acres, 1982..	(D)	(D)	(D)	(D)	-	-	(D)	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987..	54 645	66 144	77 502	79 832	90 403	92 248	118 338	43 189
----- \$1,000, 1982..	71 808	69 547	88 050	88 069	105 961	90 595	134 499	52 305
Average per farm ----- dollars, 1987..	90 025	84 800	113 142	115 867	106 482	90 528	106 899	82 384
----- dollars, 1982..	100 854	78 319	113 030	113 345	109 577	79 609	105 655	80 100
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms..	547	668	650	615	747	694	980	451
----- \$1,000..	22 601	28 178	45 117	29 524	33 801	14 078	50 105	20 143
Grains ----- farms..	540	660	649	613	736	670	968	443
----- \$1,000..	22 382	27 564	44 725	29 300	33 151	13 121	49 371	19 737
Corn for grain ----- farms..	482	596	620	549	643	598	888	383
----- \$1,000..	13 235	15 677	21 269	16 190	22 898	10 799	27 897	9 827
Wheat ----- farms..	17	5	1	7	10	35	4	23
----- \$1,000..	(D)	7	(D)	7	(D)	52	(D)	62
Soybeans ----- farms..	486	574	631	579	629	231	884	419
----- \$1,000..	9 043	11 567	23 273	12 843	9 901	1 896	21 067	9 719
Sorghum for grain ----- farms..	-	3	1	-	2	-	1	-
----- \$1,000..	-	(D)	(D)	-	(D)	-	(D)	-
Barley ----- farms..	-	1	-	3	-	2	-	-
----- \$1,000..	-	(D)	-	(D)	-	(D)	-	-
Oats ----- farms..	43	174	69	77	183	211	207	54
----- \$1,000..	66	282	130	118	272	360	311	69
Other grains ----- farms..	3	8	2	14	4	8	11	3
----- \$1,000..	(D)	17	(D)	(D)	35	(D)	91	61
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	62	92	47	66	141	177	182	74
----- \$1,000..	176	268	304	224	586	882	627	242
Vegetables, sweet corn, and melons ----- farms..	3	1	1	-	3	3	4	4
----- \$1,000..	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms..	3	-	-	-	2	4	2	-
----- \$1,000..	(D)	-	-	-	(D)	32	(D)	-
Nursery and greenhouse crops ----- farms..	1	2	2	-	2	1	3	2
----- \$1,000..	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Other crops ----- farms..	-	-	1	-	-	1	1	-
----- \$1,000..	-	-	(D)	-	-	(D)	(D)	-
Livestock, poultry, and their products ----- farms..	414	578	312	525	700	957	841	395
----- \$1,000..	32 043	37 986	32 386	50 308	56 602	78 170	68 233	23 026
Poultry and poultry products ----- farms..	32	29	10	19	24	44	36	13
----- \$1,000..	5 089	(D)	282	(D)	737	230	641	23
Dairy products ----- farms..	8	167	9	11	34	222	33	10
----- \$1,000..	393	7 873	(D)	500	1 750	11 959	1 909	(D)
Cattle and calves ----- farms..	265	440	137	371	549	883	646	301
----- \$1,000..	7 294	11 109	12 821	29 439	24 175	41 032	27 195	7 566
Hogs and pigs ----- farms..	244	351	208	328	427	534	486	224
----- \$1,000..	18 805	17 374	18 622	19 322	29 511	24 590	38 186	14 022
Sheep, lambs, and wool ----- farms..	72	37	67	51	91	52	89	58
----- \$1,000..	298	305	185	(D)	301	117	266	329
Other livestock and livestock products (see text) ----- farms..	26	15	7	17	24	36	23	13
----- \$1,000..	166	(D)	(D)	281	130	805	37	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987..	967	929	773	1 574	608	1 110	487	382
----- farms, 1982..	1 135	1 078	952	1 747	726	1 257	560	469
----- acres, 1987..	284 785	308 359	324 953	591 372	231 150	327 199	190 037	171 601
----- acres, 1982..	311 634	324 770	334 665	606 541	244 624	345 442	201 953	189 056
Average size of farm ----- acres, 1987..	295	332	420	376	380	295	390	449
----- acres, 1982..	275	301	352	347	337	275	361	403
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	317 260	323 787	372 158	439 535	319 447	330 551	429 467	218 612
----- dollars, 1982..	543 752	512 973	503 963	751 683	380 806	560 824	613 566	350 795
Average per acre ----- dollars, 1987..	1 103	971	839	1 155	813	1 110	1 116	446
----- dollars, 1982..	1 976	1 708	1 427	2 174	1 158	2 058	1 701	983
Total cropland ----- farms, 1987..	926	891	741	1 515	578	1 071	469	362
----- farms, 1982..	1 101	1 036	918	1 687	701	1 210	543	451
----- acres, 1987..	252 659	256 895	269 237	557 320	182 282	289 173	162 538	126 759
----- acres, 1982..	269 668	262 526	273 890	559 924	185 680	300 143	168 778	133 065
Harvested cropland ----- farms, 1987..	914	866	726	1 509	568	1 058	459	349
----- farms, 1982..	1 077	1 021	907	1 683	694	1 202	537	439
----- acres, 1987..	192 320	190 815	193 173	455 917	139 633	232 165	127 150	70 135
----- acres, 1982..	231 427	230 522	224 740	535 361	161 360	277 095	152 424	86 164
Irrigated land ----- farms, 1987..	9	-	-	6	12	12	12	-
----- farms, 1982..	2	1	1	5	3	8	11	-
----- acres, 1987..	127	-	-	(D)	(D)	224	3 352	-
----- acres, 1982..	(D)	(D)	(D)	590	(D)	103	3 258	-
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987..	93 497	108 561	84 228	172 725	55 296	90 701	41 583	21 945
----- \$1,000, 1982..	104 812	112 832	96 954	201 702	63 686	102 339	57 007	25 964
Average per farm ----- dollars, 1987..	96 688	116 858	108 962	109 736	90 947	81 713	85 386	57 448
----- dollars, 1982..	92 345	104 668	101 842	115 456	87 721	81 415	101 798	55 360
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms..	798	719	693	1 486	532	983	441	278
----- \$1,000..	27 313	27 421	33 317	99 592	17 874	41 792	22 709	7 115
Grains ----- farms..	762	705	687	1 480	522	957	437	267
----- \$1,000..	26 158	26 823	32 912	99 056	17 080	39 198	21 653	6 882
Corn for grain ----- farms..	644	648	624	1 419	427	858	404	229
----- \$1,000..	15 565	17 993	19 919	50 440	8 037	22 221	12 601	3 684
Wheat ----- farms..	12	10	25	4	90	19	21	2
----- \$1,000..	(D)	(D)	(D)	(D)	131	(D)	(D)	(D)
Soybeans ----- farms..	643	502	630	1 441	486	812	398	226
----- \$1,000..	10 216	8 495	12 748	48 279	8 874	16 509	8 962	3 137
Sorghum for grain ----- farms..	4	-	1	1	3	4	-	-
----- \$1,000..	(D)	-	(D)	(D)	(D)	35	-	-
Barley ----- farms..	-	-	-	1	-	-	-	-
----- \$1,000..	-	-	-	(D)	-	-	-	-
Oats ----- farms..	188	144	73	137	27	211	27	25
----- \$1,000..	320	314	115	200	22	391	31	(D)
Other grains ----- farms..	4	6	5	17	1	6	5	-
----- \$1,000..	11	(D)	(D)	124	(D)	(D)	(D)	-
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	172	135	97	105	82	159	43	59
----- \$1,000..	669	596	(D)	452	226	645	141	(D)
Vegetables, sweet corn, and melons ----- farms..	11	1	-	6	7	18	7	2
----- \$1,000..	(D)	(D)	-	84	88	420	387	(D)
Fruits, nuts, and berries ----- farms..	22	1	2	-	4	7	4	-
----- \$1,000..	119	(D)	(D)	-	(D)	(D)	(D)	-
Nursery and greenhouse crops ----- farms..	7	2	-	-	3	14	1	-
----- \$1,000..	171	(D)	-	-	363	1 390	(D)	-
Other crops ----- farms..	4	-	-	-	3	4	4	-
----- \$1,000..	(D)	-	-	-	(D)	(D)	391	-
Livestock, poultry, and their products ----- farms..	770	772	625	883	488	774	318	349
----- \$1,000..	66 184	81 140	50 911	73 132	37 422	48 910	18 874	14 830
Poultry and poultry products ----- farms..	95	27	30	70	14	29	11	5
----- \$1,000..	6 553	54	(D)	3 969	(D)	28	(D)	(D)
Dairy products ----- farms..	121	133	8	67	31	105	4	8
----- \$1,000..	4 761	7 119	424	3 324	2 449	(D)	278	(D)
Cattle and calves ----- farms..	559	596	426	398	380	575	196	333
----- \$1,000..	16 305	36 045	11 495	22 270	14 268	19 576	4 985	8 599
Hogs and pigs ----- farms..	551	501	461	619	260	434	204	129
----- \$1,000..	37 655	37 731	37 117	43 096	20 152	23 682	12 664	4 773
Sheep, lambs, and wool ----- farms..	141	71	87	119	56	124	46	46
----- \$1,000..	807	126	982	455	234	362	106	334
Other livestock and livestock products (see text) ----- farms..	38	26	23	19	21	23	12	17
----- \$1,000..	103	64	(D)	19	(D)	(D)	(D)	29

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987 ..	1 105	632	951	739	839	481	766	699
----- farms, 1982 ..	1 249	759	1 050	837	941	527	848	774
----- acres, 1987 ..	338 407	260 709	311 511	252 717	317 631	236 672	259 978	364 803
----- acres, 1982 ..	351 926	286 665	324 699	267 639	327 906	241 207	264 227	367 002
Average size of farm ----- acres, 1987 ..	306	413	328	342	379	492	339	522
----- acres, 1982 ..	282	378	309	320	348	458	312	474
Value of land and buildings <sup>1</sup> : ----- dollars, 1987 ..	311 776	315 450	343 443	248 613	383 996	356 429	303 856	416 816
----- dollars, 1982 ..	459 741	452 318	466 890	421 529	694 118	685 818	539 919	587 143
Average per acre ----- dollars, 1987 ..	977	734	1 063	761	1 025	773	907	788
----- dollars, 1982 ..	1 639	1 130	1 561	1 345	2 050	1 442	1 786	1 301
Total cropland ----- farms, 1987 ..	1 022	603	900	699	790	466	708	673
----- farms, 1982 ..	1 172	720	1 000	795	899	513	812	755
----- acres, 1987 ..	309 216	192 924	266 215	206 475	284 810	212 974	239 981	313 707
----- acres, 1982 ..	314 827	205 389	274 922	208 447	290 228	212 788	237 419	310 497
Harvested cropland ----- farms, 1987 ..	1 011	588	888	677	778	463	702	684
----- farms, 1982 ..	1 160	714	980	776	887	504	803	752
----- acres, 1987 ..	247 410	128 050	206 407	146 658	214 694	166 253	188 605	238 373
----- acres, 1982 ..	291 921	154 226	233 176	162 731	261 396	190 936	222 734	278 823
Irrigated land ----- farms, 1987 ..	16	1	3	8	6	4	5	89
----- farms, 1982 ..	12	-	2	5	6	6	3	72
----- acres, 1987 ..	1 339	(D)	(D)	(D)	(D)	771	(D)	(D)
----- acres, 1982 ..	(D)	-	(D)	64	(D)	1 845	(D)	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987 ..	135 074	55 646	110 686	62 184	89 384	54 466	95 483	74 322
----- \$1,000, 1982 ..	143 622	54 879	115 344	70 424	98 602	62 591	95 273	91 807
Average per farm ----- dollars, 1987 ..	122 239	88 048	116 389	84 146	106 537	113 235	124 652	106 326
----- dollars, 1982 ..	114 989	72 305	109 852	84 139	104 785	118 769	112 350	118 614
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms ..	982	540	855	637	756	455	662	645
----- \$1,000 ..	38 538	20 605	35 316	25 515	49 306	31 252	33 533	42 775
Grains ----- farms ..	952	530	846	623	742	450	660	641
----- \$1,000 ..	37 851	20 031	34 226	23 389	47 755	31 011	32 976	42 343
Corn for grain ----- farms ..	837	471	706	535	695	417	602	615
----- \$1,000 ..	17 804	9 994	18 175	12 209	28 790	16 133	18 117	24 126
Wheat ----- farms ..	5	4	4	13	8	24	17	28
----- \$1,000 ..	(D)	(D)	(D)	(D)	(D)	55	(D)	79
Soybeans ----- farms ..	907	480	776	568	681	427	611	589
----- \$1,000 ..	19 645	9 883	15 839	11 021	18 740	14 669	14 390	17 417
Sorghum for grain ----- farms ..	-	-	-	-	-	1	-	2
----- \$1,000 ..	-	-	-	-	-	(D)	-	(D)
Barley ----- farms ..	1	-	-	-	2	-	2	1
----- \$1,000 ..	(D)	-	-	-	(D)	-	(D)	(D)
Oats ----- farms ..	193	44	145	98	107	18	172	58
----- \$1,000 ..	391	134	203	139	150	(D)	363	123
Other grains ----- farms ..	1	3	2	1	7	5	12	41
----- \$1,000 ..	(D)	(D)	(D)	(D)	53	(D)	78	(D)
Cotton and cottonseed ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Tobacco ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	157	112	130	104	112	46	83	57
----- \$1,000 ..	653	494	383	307	297	197	333	194
Vegetables, sweet corn, and melons ----- farms ..	5	3	4	3	5	1	6	2
----- \$1,000 ..	22	(D)	(D)	1	(D)	(D)	224	(D)
Fruits, nuts, and berries ----- farms ..	2	1	2	2	-	2	-	-
----- \$1,000 ..	(D)	(D)	(D)	(D)	-	(D)	-	-
Nursery and greenhouse crops ----- farms ..	2	1	3	7	6	3	-	-
----- \$1,000 ..	(D)	(D)	(D)	(D)	(D)	(D)	-	-
Other crops ----- farms ..	-	-	3	3	-	1	-	1
----- \$1,000 ..	-	-	(D)	(D)	-	(D)	-	(D)
Livestock, poultry, and their products ----- farms ..	871	547	739	590	536	283	563	382
----- \$1,000 ..	96 536	35 042	75 370	36 669	40 078	23 214	61 950	31 547
Poultry and poultry products ----- farms ..	41	15	35	26	19	11	52	10
----- \$1,000 ..	64	(D)	1 449	817	552	(D)	5 291	7
Dairy products ----- farms ..	126	5	40	34	13	3	105	6
----- \$1,000 ..	(D)	(D)	1 836	(D)	(D)	117	(D)	167
Cattle and calves ----- farms ..	647	495	515	437	381	219	325	291
----- \$1,000 ..	50 235	11 694	27 084	10 633	16 990	14 472	21 571	20 134
Hogs and pigs ----- farms ..	580	255	499	357	284	145	375	222
----- \$1,000 ..	39 823	12 663	44 616	23 194	21 159	8 532	29 570	11 068
Sheep, lambs, and wool ----- farms ..	85	59	81	43	82	22	53	95
----- \$1,000 ..	556	334	350	187	380	81	146	160
Other livestock and livestock products (see text) ----- farms ..	17	12	20	16	21	5	19	7
----- \$1,000 ..	(D)	(D)	35	(D)	(D)	(D)	(D)	11

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987..	437	559	612	1 111	660	768	831	1 471
----- farms, 1982..	476	622	743	1 221	752	840	931	1 624
----- acres, 1987..	189 415	237 747	218 787	357 871	228 232	319 448	338 457	503 707
----- acres, 1982..	193 111	245 571	228 597	358 365	243 601	319 955	341 304	505 797
Average size of farm ----- acres, 1987..	433	425	357	322	346	416	407	342
----- acres, 1982..	406	395	308	294	324	381	367	311
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	184 871	290 196	388 780	397 637	374 950	259 916	418 668	334 062
----- dollars, 1982..	268 015	511 141	593 774	594 762	598 629	410 613	712 605	510 102
Average per acre ----- dollars, 1987..	398	674	1 124	1 196	1 059	616	1 081	1 049
----- dollars, 1982..	753	1 353	1 798	2 023	1 790	1 104	2 109	1 678
Total cropland ----- farms, 1987..	420	541	595	1 040	627	749	803	1 402
----- farms, 1982..	463	599	727	1 136	724	820	904	1 556
----- acres, 1987..	125 983	210 628	189 678	328 298	214 550	271 682	317 270	453 169
----- acres, 1982..	131 744	214 775	191 137	324 812	225 753	272 842	315 163	444 545
Harvested cropland ----- farms, 1987..	409	527	587	1 026	626	738	800	1 378
----- farms, 1982..	453	594	720	1 134	718	803	902	1 544
----- acres, 1987..	68 487	157 215	147 932	267 338	177 150	196 444	250 114	354 467
----- acres, 1982..	79 633	179 100	173 339	309 313	211 946	216 772	298 570	405 382
Irrigated land ----- farms, 1987..	2	1	28	4	10	7	29	13
----- farms, 1982..	-	1	23	1	13	3	22	17
----- acres, 1987..	(D)	(D)	3 142	8	(D)	1 928	(D)	(D)
----- acres, 1982..	-	(D)	2 763	(D)	1 743	(D)	3 734	2 987
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987..	26 288	53 587	53 264	156 183	74 123	71 719	91 239	182 500
----- \$1,000, 1982..	27 937	63 566	70 726	164 892	87 918	79 244	106 149	189 656
Average per farm ----- dollars, 1987..	60 155	95 862	87 032	140 579	112 307	93 385	109 795	124 065
----- dollars, 1982..	58 691	102 196	95 190	135 046	116 912	94 338	114 016	116 783
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms..	340	509	545	1 013	616	718	787	1 320
----- \$1,000..	6 657	28 393	24 280	52 664	34 917	36 311	52 391	53 928
Grains ----- farms..	321	506	533	1 009	611	708	786	1 307
----- \$1,000..	6 257	26 003	22 385	52 381	34 404	28 904	52 100	52 975
Corn for grain ----- farms..	257	458	469	929	572	626	752	1 126
----- \$1,000..	2 959	13 262	12 302	25 384	16 135	12 842	25 589	25 947
Wheat ----- farms..	6	11	23	3	3	53	1	12
----- \$1,000..	9	(D)	54	(D)	(D)	110	(D)	(D)
Soybeans ----- farms..	273	493	494	969	601	687	766	1 215
----- \$1,000..	3 201	12 631	9 841	26 743	18 081	15 750	26 268	26 007
Sorghum for grain ----- farms..	-	-	1	-	-	1	-	-
----- \$1,000..	-	-	(D)	-	-	(D)	-	-
Barley ----- farms..	1	-	2	-	-	-	-	-
----- \$1,000..	(D)	-	(D)	-	-	-	-	-
Oats ----- farms..	22	37	83	154	96	38	85	287
----- \$1,000..	34	(D)	158	223	(D)	53	156	726
Other grains ----- farms..	2	2	5	3	6	5	5	25
----- \$1,000..	(D)	(D)	7	8	47	(D)	(D)	(D)
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	88	84	74	91	86	93	50	178
----- \$1,000..	(D)	(D)	236	284	413	195	207	829
Vegetables, sweet corn, and melons ----- farms..	-	-	25	3	4	1	2	2
----- \$1,000..	-	-	1 177	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms..	1	-	1	2	1	1	-	2
----- \$1,000..	(D)	-	(D)	(D)	(D)	(D)	-	(D)
Nursery and greenhouse crops ----- farms..	1	1	7	1	3	4	1	2
----- \$1,000..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other crops ----- farms..	-	-	10	-	-	-	-	-
----- \$1,000..	-	-	(D)	-	-	-	-	-
Livestock, poultry, and their products ----- farms..	394	415	420	742	442	584	456	1 158
----- \$1,000..	19 631	25 194	28 984	103 519	39 205	35 408	38 848	128 572
Poultry and poultry products ----- farms..	5	17	19	34	24	23	25	53
----- \$1,000..	3	14	23	(D)	(D)	20	(D)	1 587
Dairy products ----- farms..	22	7	29	57	56	8	22	41
----- \$1,000..	(D)	397	2 182	1 969	2 055	(D)	870	2 209
Cattle and calves ----- farms..	376	327	292	383	281	509	202	725
----- \$1,000..	11 967	13 202	9 666	56 155	17 746	19 199	13 126	59 910
Hogs and pigs ----- farms..	140	234	257	555	265	302	350	846
----- \$1,000..	6 504	11 464	16 876	44 208	18 328	15 469	23 577	63 659
Sheep, lambs, and wool ----- farms..	37	32	71	76	52	37	52	84
----- \$1,000..	140	75	208	326	294	125	298	(D)
Other livestock and livestock products (see text) ----- farms..	20	6	15	14	3	19	12	20
----- \$1,000..	(D)	42	29	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987..	892	580	1 241	833	504	934	732	1 032
----- farms, 1982..	1 027	705	1 417	955	601	1 043	861	1 159
----- acres, 1987..	343 527	223 191	525 606	322 040	258 919	355 454	222 385	344 039
----- acres, 1982..	354 884	229 920	537 996	346 061	294 106	355 669	231 983	349 869
Average size of farm ----- acres, 1987..	385	385	424	387	514	381	304	333
----- acres, 1982..	346	326	380	362	489	341	269	302
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	438 848	471 210	371 643	348 607	238 844	390 742	439 339	305 940
----- dollars, 1982..	756 078	628 620	540 107	597 323	407 502	673 265	693 828	377 745
Average per acre ----- dollars, 1987..	1 122	1 125	879	915	486	1 070	1 470	910
----- dollars, 1982..	2 173	2 034	1 402	1 731	843	1 912	2 532	1 350
Total cropland ----- farms, 1987..	864	550	1 188	798	484	891	712	974
----- farms, 1982..	996	674	1 358	921	585	996	830	1 104
----- acres, 1987..	325 622	203 647	476 778	285 886	206 238	318 967	204 827	317 486
----- acres, 1982..	327 728	204 817	480 422	298 568	233 006	321 474	209 901	315 713
Harvested cropland ----- farms, 1987..	856	540	1 179	782	464	885	701	954
----- farms, 1982..	994	664	1 337	907	574	988	823	1 093
----- acres, 1987..	263 301	162 967	373 783	208 407	114 164	257 355	162 953	242 021
----- acres, 1982..	315 920	189 280	425 800	249 441	152 736	299 987	199 122	280 897
Irrigated land ----- farms, 1987..	4	10	16	2	-	8	10	1
----- farms, 1982..	1	5	12	1	-	5	13	-
----- acres, 1987..	(D)	(D)	(D)	(D)	-	707	182	(D)
----- acres, 1982..	(D)	(D)	(D)	(D)	-	791	(D)	-
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987..	93 659	54 099	147 181	80 248	37 788	129 580	80 668	107 992
----- \$1,000, 1982..	112 321	58 028	186 940	90 028	41 133	147 769	97 801	114 475
Average per farm ----- dollars, 1987..	104 999	93 274	118 598	96 336	74 976	138 737	110 202	104 644
----- dollars, 1982..	109 368	82 309	131 927	94 270	68 441	141 677	113 589	98 770
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms..	854	525	1 146	752	407	867	673	931
----- \$1,000..	51 878	38 904	71 915	35 873	12 716	45 763	31 925	44 099
Grains ----- farms..	851	508	1 129	746	403	862	656	927
----- \$1,000..	51 651	35 809	69 285	35 272	12 398	45 176	29 747	43 423
Corn for grain ----- farms..	818	485	1 044	673	331	753	596	868
----- \$1,000..	26 188	19 211	38 327	19 222	5 560	21 218	20 838	25 426
Wheat ----- farms..	-	3	34	5	9	3	6	3
----- \$1,000..	-	(D)	117	19	(D)	7	(D)	(D)
Soybeans ----- farms..	829	475	1 040	693	374	836	553	843
----- \$1,000..	25 359	16 498	30 495	15 563	6 744	23 276	8 733	17 496
Sorghum for grain ----- farms..	-	-	1	-	-	-	-	-
----- \$1,000..	-	-	(D)	-	-	-	-	-
Barley ----- farms..	-	-	-	-	-	3	-	1
----- \$1,000..	-	-	-	-	-	(D)	-	(D)
Oats ----- farms..	74	47	136	208	20	124	107	204
----- \$1,000..	(D)	69	312	411	60	(D)	156	377
Other grains ----- farms..	2	2	7	6	3	39	1	15
----- \$1,000..	(D)	(D)	(D)	56	(D)	354	(D)	117
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	52	56	150	137	70	77	97	125
----- \$1,000..	(D)	236	609	543	(D)	336	391	385
Vegetables, sweet corn, and melons ----- farms..	-	7	8	2	1	1	10	2
----- \$1,000..	-	256	(D)	(D)	(D)	(D)	188	(D)
Fruits, nuts, and berries ----- farms..	-	3	4	-	-	1	4	1
----- \$1,000..	-	(D)	(D)	-	-	(D)	25	(D)
Nursery and greenhouse crops ----- farms..	2	15	7	1	-	2	9	2
----- \$1,000..	(D)	2 533	1 753	(D)	-	(D)	1 574	(D)
Other crops ----- farms..	-	2	-	-	-	-	-	-
----- \$1,000..	-	(D)	-	-	-	-	-	-
Livestock, poultry, and their products ----- farms..	443	302	852	677	448	630	516	776
----- \$1,000..	41 781	15 194	75 266	44 375	25 072	83 817	48 743	63 893
Poultry and poultry products ----- farms..	20	13	40	16	6	30	25	29
----- \$1,000..	2 345	824	250	(D)	3	2 609	(D)	(D)
Dairy products ----- farms..	7	11	13	27	11	22	39	23
----- \$1,000..	329	440	424	1 467	638	1 543	3 911	742
Cattle and calves ----- farms..	194	190	661	555	419	335	336	570
----- \$1,000..	14 452	5 624	49 377	19 059	14 499	38 199	18 212	31 788
Hogs and pigs ----- farms..	309	143	477	369	203	439	327	494
----- \$1,000..	24 391	7 909	24 734	23 056	9 777	40 850	25 653	30 437
Sheep, lambs, and wool ----- farms..	37	38	69	81	32	87	70	46
----- \$1,000..	239	154	202	439	132	565	130	(D)
Other livestock and livestock products (see text) ----- farms..	10	21	21	18	16	13	21	22
----- \$1,000..	26	245	279	(D)	23	51	(D)	252

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987 ..	1 780	885	1 115	564	460	490	492	692
----- farms, 1982 ..	1 904	982	1 230	660	538	580	555	783
----- acres, 1987 ..	463 499	317 648	398 211	268 275	214 934	211 818	179 563	261 102
----- acres, 1982 ..	464 034	327 532	404 206	272 417	217 250	240 471	191 784	282 870
Average size of farm ----- acres, 1987 ..	260	359	357	476	467	432	365	377
----- acres, 1982 ..	244	334	329	413	404	415	346	361
Value of land and buildings <sup>1</sup> : Average per farm ----- dollars, 1987 ..	307 724	436 310	346 161	218 667	246 385	222 861	235 542	277 842
----- dollars, 1982 ..	474 743	741 277	593 393	406 152	405 667	416 341	491 117	505 840
Average per acre ----- dollars, 1987 ..	1 152	1 228	986	497	531	519	711	757
----- dollars, 1982 ..	2 011	2 266	1 770	963	1 098	970	1 334	1 349
Total cropland ----- farms, 1987 ..	1 551	834	1 058	540	437	483	469	668
----- farms, 1982 ..	1 728	948	1 189	647	522	564	541	755
----- acres, 1987 ..	431 566	296 184	355 135	213 644	164 728	149 109	144 952	208 489
----- acres, 1982 ..	425 903	301 454	346 226	217 047	164 264	166 423	154 862	218 874
Harvested cropland ----- farms, 1987 ..	1 521	830	1 048	529	425	466	460	650
----- farms, 1982 ..	1 712	939	1 175	637	510	560	537	734
----- acres, 1987 ..	348 441	238 547	289 658	135 383	96 337	99 794	108 091	143 508
----- acres, 1982 ..	403 696	284 105	304 270	158 282	115 243	123 419	121 315	169 521
Irrigated land ----- farms, 1987 ..	55	12	3	-	2	1	1	3
----- farms, 1982 ..	54	5	2	2	2	-	1	2
----- acres, 1987 ..	8 534	301	(D)	-	(D)	(D)	(D)	(D)
----- acres, 1982 ..	8 959	(D)	(D)	(D)	(D)	-	(D)	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987 ..	347 494	100 804	104 469	39 509	38 741	31 746	34 093	52 631
----- \$1,000, 1982 ..	323 113	108 613	113 217	42 521	38 032	38 200	40 033	58 280
Average per farm ----- dollars, 1987 ..	195 222	113 903	93 694	70 052	84 220	64 787	69 296	76 056
----- dollars, 1982 ..	169 702	110 604	92 046	64 425	70 691	65 863	72 131	74 432
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms ..	1 409	811	1 003	502	387	424	402	579
----- \$1,000 ..	54 574	54 703	54 241	17 996	12 685	13 086	16 436	22 206
Grains ----- farms ..	1 392	801	998	497	379	410	389	565
----- \$1,000 ..	52 246	53 076	53 559	17 594	12 356	12 585	15 944	21 500
Corn for grain ----- farms ..	1 158	757	936	415	336	330	333	497
----- \$1,000 ..	27 385	27 645	31 348	8 450	6 413	6 088	7 902	11 588
Wheat ----- farms ..	7	6	5	21	7	29	4	9
----- \$1,000 ..	21	(D)	(D)	56	(D)	42	(D)	(D)
Soybeans ----- farms ..	1 266	766	912	477	350	390	374	499
----- \$1,000 ..	24 319	25 342	21 987	9 019	5 834	6 422	7 997	9 694
Sorghum for grain ----- farms ..	-	-	-	2	-	-	1	1
----- \$1,000 ..	-	-	-	(D)	-	-	(D)	(D)
Barley ----- farms ..	-	-	2	-	1	-	-	-
----- \$1,000 ..	-	-	(D)	-	(D)	-	-	-
Oats ----- farms ..	239	39	169	35	46	25	33	54
----- \$1,000 ..	498	66	208	64	52	(D)	28	60
Other grains ----- farms ..	6	3	1	2	4	2	1	5
----- \$1,000 ..	23	(D)	(D)	(D)	35	(D)	(D)	49
Cotton and cottonseed ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Tobacco ----- farms ..	-	-	-	-	-	-	-	-
----- \$1,000 ..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms ..	242	74	166	87	65	108	73	122
----- \$1,000 ..	1 047	277	643	402	247	342	341	487
Vegetables, sweet corn, and melons ----- farms ..	2	7	4	-	2	5	1	3
----- \$1,000 ..	(D)	49	(D)	-	(D)	9	(D)	(D)
Fruits, nuts, and berries ----- farms ..	2	4	3	-	-	4	-	2
----- \$1,000 ..	(D)	25	(D)	-	-	(D)	-	(D)
Nursery and greenhouse crops ----- farms ..	1	7	2	-	1	2	3	3
----- \$1,000 ..	(D)	(D)	(D)	-	(D)	(D)	(D)	179
Other crops ----- farms ..	1	1	-	-	-	2	-	-
----- \$1,000 ..	(D)	(D)	-	-	-	(D)	-	-
Livestock, poultry, and their products ----- farms ..	1 421	465	829	453	404	400	360	548
----- \$1,000 ..	292 920	46 100	50 228	21 513	26 056	18 660	17 657	30 425
Poultry and poultry products ----- farms ..	75	30	63	11	9	13	6	16
----- \$1,000 ..	7 095	2 966	1 180	(D)	7	(D)	(D)	(D)
Dairy products ----- farms ..	177	12	49	6	8	21	14	27
----- \$1,000 ..	14 161	1 242	(D)	201	(D)	(D)	(D)	(D)
Cattle and calves ----- farms ..	874	236	593	405	365	350	297	480
----- \$1,000 ..	172 753	17 529	18 287	10 349	11 520	6 620	7 824	11 559
Hogs and pigs ----- farms ..	1 033	268	465	207	166	182	159	253
----- \$1,000 ..	90 857	23 937	27 845	10 469	7 383	11 017	8 832	16 345
Sheep, lambs, and wool ----- farms ..	141	60	109	35	47	88	35	34
----- \$1,000 ..	7 895	186	364	256	(D)	300	112	41
Other livestock and livestock products (see text) ----- farms ..	32	29	24	13	11	26	6	23
----- \$1,000 ..	159	241	(D)	(D)	63	118	14	572

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winnesiek	Woodbury	Worth	Wright
<b>FARMS AND LAND IN FARMS</b>								
Land in farms ----- farms, 1987..	931	512	1 034	635	1 308	1 021	540	796
----- farms, 1982..	1 020	616	1 146	731	1 449	1 227	663	927
----- acres, 1987..	310 528	253 325	407 277	237 374	352 714	432 885	215 376	341 137
----- acres, 1982..	329 711	269 185	411 238	242 322	385 292	462 903	229 605	358 608
Average size of farm ----- acres, 1987..	334	495	394	374	270	424	399	429
----- acres, 1982..	323	437	359	331	266	377	346	387
Value of land and buildings <sup>1</sup> :								
Average per farm ----- dollars, 1987..	318 815	221 006	506 516	420 514	223 874	321 505	379 322	554 328
----- dollars, 1982..	589 216	386 623	761 317	575 629	384 988	474 363	674 900	819 206
Average per acre ----- dollars, 1987..	1 032	466	1 288	1 124	847	757	1 025	1 232
----- dollars, 1982..	1 844	883	2 150	1 825	1 340	1 233	1 990	2 234
Total cropland ----- farms, 1987..	878	496	992	618	1 247	969	515	779
----- farms, 1982..	969	594	1 100	706	1 392	1 188	637	901
----- acres, 1987..	271 092	198 610	378 029	220 632	285 437	385 822	200 587	320 919
----- acres, 1982..	278 599	210 487	375 351	222 055	302 276	405 710	210 622	330 034
Harvested cropland ----- farms, 1987..	865	479	986	613	1 211	950	505	773
----- farms, 1982..	954	583	1 095	697	1 376	1 155	633	898
----- acres, 1987..	201 807	109 739	308 203	175 330	213 328	273 011	155 506	259 133
----- acres, 1982..	244 088	146 164	359 905	209 131	256 448	354 617	196 916	319 009
Irrigated land ----- farms, 1987..	2	-	3	1	2	24	2	2
----- farms, 1982..	5	1	3	-	2	26	6	1
----- acres, 1987..	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
----- acres, 1982..	(D)	(D)	(D)	-	(D)	(D)	399	(D)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>								
Total sales (see text) ----- \$1,000, 1987..	112 246	33 741	111 340	57 088	119 210	126 119	55 479	84 645
----- \$1,000, 1982..	133 371	38 084	123 910	67 084	116 414	144 717	67 896	108 161
Average per farm ----- dollars, 1987..	120 564	65 900	107 679	89 902	91 139	123 525	102 740	106 337
----- dollars, 1982..	130 756	61 825	108 124	91 770	80 341	117 944	102 407	116 679
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ----- farms..	799	418	983	593	926	888	494	769
----- \$1,000..	32 596	14 116	71 311	36 325	20 592	47 229	31 721	58 517
Grains ----- farms..	785	409	977	581	885	877	492	769
----- \$1,000..	31 513	13 628	70 812	35 923	18 421	46 082	31 382	58 375
Corn for grain ----- farms..	658	351	998	549	785	809	467	737
----- \$1,000..	17 921	6 949	34 854	20 646	14 337	28 889	17 414	30 230
Wheat ----- farms..	42	17	3	2	3	14	-	2
----- \$1,000..	70	27	(D)	(D)	(D)	(D)	-	(D)
Soybeans ----- farms..	704	372	957	553	708	708	471	742
----- \$1,000..	13 374	6 630	35 847	15 127	3 513	16 247	13 836	28 022
Sorghum for grain ----- farms..	1	-	-	-	-	-	-	-
----- \$1,000..	(D)	-	-	-	-	-	-	-
Barley ----- farms..	-	1	-	-	15	1	-	-
----- \$1,000..	-	(D)	-	-	(D)	(D)	-	-
Oats ----- farms..	105	22	55	79	312	149	74	57
----- \$1,000..	144	(D)	(D)	(D)	539	392	105	(D)
Other grains ----- farms..	3	-	4	-	1	34	3	-
----- \$1,000..	(D)	-	(D)	-	(D)	506	28	-
Cotton and cottonseed ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Tobacco ----- farms..	-	-	-	-	-	-	-	-
----- \$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ----- farms..	98	99	52	66	301	127	62	45
----- \$1,000..	357	(D)	132	328	2 109	595	153	136
Vegetables, sweet corn, and melons ----- farms..	6	1	6	6	2	2	2	2
----- \$1,000..	(D)	(D)	24	61	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ----- farms..	5	-	1	2	2	-	-	-
----- \$1,000..	3	-	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops ----- farms..	2	-	4	1	1	4	1	1
----- \$1,000..	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
Other crops ----- farms..	-	-	1	-	-	-	1	-
----- \$1,000..	-	-	(D)	-	-	-	(D)	-
Livestock, poultry, and their products ----- farms..	745	433	430	335	1 220	695	338	337
----- \$1,000..	79 650	19 625	40 029	20 763	98 618	78 891	23 758	26 128
Poultry and poultry products ----- farms..	70	2	16	11	45	29	11	19
----- \$1,000..	8 985	(D)	(D)	(D)	2 717	2 377	1 856	1 345
Dairy products ----- farms..	46	18	5	47	562	11	27	9
----- \$1,000..	(D)	784	296	1 742	35 052	281	(D)	334
Cattle and calves ----- farms..	423	406	187	144	1 089	502	193	139
----- \$1,000..	11 778	11 636	5 031	3 673	26 023	49 281	6 781	8 856
Hogs and pigs ----- farms..	565	158	256	240	694	418	229	208
----- \$1,000..	56 418	7 019	19 564	15 113	34 062	25 507	13 691	15 183
Sheep, lambs, and wool ----- farms..	109	40	45	46	81	51	47	58
----- \$1,000..	697	161	153	119	414	252	107	141
Other livestock and livestock products (see text) ----- farms..	40	20	19	9	36	28	6	18
----- \$1,000..	(D)	(D)	(D)	(D)	351	1 193	(D)	268

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) -----	42 117	347	226	67	155	335	672
Field crops, except cash grains (013) -----	204	-	1	10	5	-	1
Cotton (0131) -----	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	204	-	1	10	5	-	1
Vegetables and melons (016) -----	79	-	-	-	-	-	2
Fruits and tree nuts (017) -----	46	-	-	1	-	-	1
Horticultural specialties (018) -----	192	-	-	2	1	-	2
General farms, primarily crop (019) -----	485	6	3	7	5	4	2
Livestock, except dairy, poultry, and animal specialties (021) -----	33 596	401	279	395	326	353	450
Beef cattle, except feedlots (0212) -----	4 624	71	67	100	221	35	36
Dairy farms (024) -----	4 136	9	4	355	18	6	28
Poultry and eggs (025) -----	400	-	-	1	-	2	4
Animal specialties (027) -----	209	1	-	3	1	3	1
General farms, primarily livestock and animal specialties (029) -----	1 167	8	4	25	-	3	17
<b>FARMS BY SIZE</b>							
1 to 9 acres ----- 1987 ..	3 645	26	20	37	10	37	45
----- 1982 ..	3 382	26	14	24	6	19	45
10 to 49 acres ----- 1987 ..	2 449	15	3	16	10	22	35
----- 1982 ..	3 003	19	12	17	17	35	29
50 to 69 acres ----- 1987 ..	1 099	11	5	7	4	7	20
----- 1982 ..	1 470	9	5	12	8	10	18
70 to 99 acres ----- 1987 ..	3 985	21	22	28	22	33	56
----- 1982 ..	5 117	44	12	33	20	39	58
100 to 139 acres ----- 1987 ..	5 238	46	19	54	35	47	67
----- 1982 ..	6 386	43	35	49	27	57	80
140 to 179 acres ----- 1987 ..	9 182	80	35	94	43	71	140
----- 1982 ..	11 068	97	50	100	35	107	167
180 to 219 acres ----- 1987 ..	5 967	45	34	83	54	51	97
----- 1982 ..	7 356	63	45	101	48	52	101
220 to 259 acres ----- 1987 ..	6 759	64	40	85	42	50	109
----- 1982 ..	8 530	80	44	93	48	62	156
260 to 499 acres ----- 1987 ..	24 800	235	163	313	148	236	354
----- 1982 ..	29 306	287	196	336	161	276	429
500 to 999 acres ----- 1987 ..	15 793	176	144	112	110	122	214
----- 1982 ..	14 800	186	164	146	121	112	204
1,000 to 1,999 acres ----- 1987 ..	3 393	43	30	35	30	25	41
----- 1982 ..	2 787	39	19	34	21	21	33
2,000 acres or more ----- 1987 ..	321	10	2	2	3	5	2
----- 1982 ..	307	3	2	2	2	4	1
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987 ..	30 177	322	229	449	266	271	385
----- 1982 ..	35 753	364	260	492	252	337	479
----- acres, 1987 ..	6 820 684	81 959	71 968	125 060	77 503	57 634	82 766
----- 1982 ..	8 428 185	103 445	84 295	148 903	81 717	83 443	114 522
Part owners ----- farms, 1987 ..	33 211	327	209	290	183	274	454
----- 1982 ..	36 482	349	215	324	200	276	518
----- acres, 1987 ..	17 068 588	208 324	120 356	132 438	104 021	147 543	218 945
----- 1982 ..	16 944 527	190 508	107 424	143 410	97 444	145 170	232 999
Tenants ----- farms, 1987 ..	19 243	123	79	127	62	161	341
----- 1982 ..	21 277	153	123	131	62	181	324
----- acres, 1987 ..	6 268 927	47 067	33 777	40 542	24 114	52 896	105 457
----- 1982 ..	6 013 582	48 623	50 359	41 062	21 374	49 791	83 267
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987 ..	63 692	603	407	725	404	527	912
----- 1982 ..	72 295	716	462	805	388	606	1 018
Not on farm operated ----- 1987 ..	14 906	142	95	106	82	137	210
----- 1982 ..	13 713	132	81	90	85	116	191
Not reported ----- 1987 ..	4 033	27	15	35	25	42	58
----- 1982 ..	7 504	48	55	52	41	72	112
Operators by principal occupation:							
Farming ----- 1987 ..	67 738	648	421	776	399	582	932
----- 1982 ..	79 106	772	527	856	400	691	1 085
Other ----- 1987 ..	14 893	124	96	90	112	124	248
----- 1982 ..	14 406	124	71	91	114	103	236
Operators by days of work off farm:							
None ----- 1987 ..	45 847	434	256	584	278	410	647
----- 1982 ..	50 846	495	316	598	253	434	729
Any ----- 1987 ..	30 921	271	219	227	189	246	450
----- 1982 ..	33 166	325	200	254	205	265	470
1 to 49 days ----- 1987 ..	8 561	92	69	72	29	71	117
----- 1982 ..	11 829	139	66	110	48	100	157
50 to 99 days ----- 1987 ..	2 947	26	30	19	15	21	31
----- 1982 ..	2 921	27	30	15	11	31	49
100 to 149 days ----- 1987 ..	2 655	13	22	22	20	27	39
----- 1982 ..	2 418	20	21	15	12	18	31

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) -----	581	581	389	517	582	539	664
Field crops, except cash grains (013) -----	2	4	1	1	-	1	2
Cotton (0131) -----	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	2	4	1	1	-	1	2
Vegetables and melons (016) -----	3	1	-	3	-	5	-
Fruits and tree nuts (017) -----	1	-	-	-	-	-	-
Horticultural specialties (018) -----	11	4	1	1	-	1	-
General farms, primarily crop (019) -----	3	2	5	9	3	6	-
Livestock, except dairy, poultry, and animal specialties (021) -----	285	191	248	408	356	423	190
Beef cattle, except feedlots (0212) -----	12	10	14	9	8	23	8
Dairy farms (024) -----	34	7	160	104	3	42	2
Poultry and eggs (025) -----	9	5	3	4	21	7	4
Animal specialties (027) -----	5	1	2	2	2	2	2
General farms, primarily livestock and animal specialties (029) -----	25	1	40	46	6	39	1
<b>FARMS BY SIZE</b>							
1 to 9 acres ----- 1987..	57	21	48	39	47	57	28
1982..	54	30	36	36	41	64	30
10 to 49 acres ----- 1987..	48	23	34	52	19	45	13
1982..	47	31	30	43	24	60	28
50 to 69 acres ----- 1987..	21	10	23	21	5	8	5
1982..	31	13	26	41	4	21	12
70 to 99 acres ----- 1987..	92	53	49	97	42	53	50
1982..	115	47	108	83	52	72	57
100 to 139 acres ----- 1987..	65	57	112	140	39	85	41
1982..	93	74	138	138	52	104	68
140 to 179 acres ----- 1987..	136	71	125	162	131	146	92
1982..	137	98	141	167	156	173	103
180 to 219 acres ----- 1987..	69	55	78	70	44	81	50
1982..	77	80	112	101	52	93	64
220 to 259 acres ----- 1987..	56	49	79	68	85	118	61
1982..	79	53	85	90	114	147	80
280 to 499 acres ----- 1987..	230	230	205	248	326	294	288
1982..	242	291	238	306	384	355	370
500 to 999 acres ----- 1987..	151	179	78	163	205	155	202
1982..	135	169	74	118	179	104	179
1,000 to 1,999 acres ----- 1987..	33	45	18	34	28	23	32
1982..	22	32	9	28	20	19	27
2,000 acres or more ----- 1987..	1	4	-	1	2	-	3
1982..	4	3	2	3	1	2	1
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987..	364	235	334	460	271	383	230
1982..	435	271	455	498	302	502	253
acres, 1987..	57 186	51 001	53 448	85 569	57 805	71 711	45 330
1982..	74 942	58 968	76 918	95 833	88 738	97 425	54 012
Part owners ----- farms, 1987..	388	376	305	375	420	422	389
1982..	394	440	350	423	484	413	426
acres, 1987..	178 530	208 689	125 832	177 696	210 857	180 793	203 107
1982..	175 751	202 979	123 556	176 029	208 360	161 130	193 086
Tenants ----- farms, 1987..	207	186	210	260	282	260	246
1982..	207	210	194	233	293	299	340
acres, 1987..	59 973	64 679	44 006	63 418	84 930	67 921	88 026
1982..	45 505	60 472	39 058	52 950	78 838	68 931	99 539
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987..	734	614	685	848	748	874	631
1982..	796	705	817	925	828	950	720
Not on farm operated ----- 1987..	181	158	128	195	179	141	184
1982..	162	153	116	159	183	169	176
Not reported ----- 1987..	44	25	36	52	46	50	50
1982..	78	63	66	70	68	85	123
Operators by principal occupation:							
Farming ----- 1987..	672	640	641	895	825	872	746
1982..	720	758	765	958	930	979	889
Other ----- 1987..	287	157	208	200	148	193	119
1982..	316	163	234	186	149	235	130
Operators by days of work off farm:							
None ----- 1987..	446	447	444	586	552	591	451
1982..	469	505	467	601	633	627	540
Any ----- 1987..	463	315	348	449	354	395	346
1982..	492	327	451	453	348	476	347
1 to 49 days ----- 1987..	97	87	85	128	124	107	103
1982..	99	107	129	134	138	167	144
50 to 99 days ----- 1987..	35	26	22	42	31	45	44
1982..	28	30	32	38	28	32	36
100 to 149 days ----- 1987..	29	29	24	39	28	38	53
1982..	35	22	35	34	31	34	34

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) -----	527	419	473	531	494	379	127
Field crops, except cash grains (013) -----	-	1	6	2	-	1	4
Cotton (0131) -----	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	-	1	6	2	-	1	4
Vegetables and melons (016) -----	-	-	-	-	-	-	-
Fruits and tree nuts (017) -----	-	-	2	1	-	-	-
Horticultural specialties (018) -----	2	1	1	2	1	-	-
General farms, primarily crop (019) -----	2	6	2	3	1	5	1
Livestock, except dairy, poultry, and animal specialties (021) -----	636	331	460	190	412	298	310
Beef cattle, except feedlots (0212) -----	29	53	28	5	26	25	113
Dairy farms (024) -----	5	8	14	10	15	91	3
Poultry and eggs (025) -----	2	1	1	8	1	5	-
Animal specialties (027) -----	1	-	1	3	1	3	-
General farms, primarily livestock and animal specialties (029) -----	5	6	8	3	14	42	2
<b>FARMS BY SIZE</b>							
1 to 9 acres ----- 1987 ..	82	34	41	28	47	30	13
1982 ..	67	28	47	39	55	39	3
10 to 49 acres ----- 1987 ..	36	19	25	27	24	27	7
1982 ..	48	21	36	35	34	31	9
50 to 69 acres ----- 1987 ..	12	3	9	9	7	16	5
1982 ..	18	14	23	13	5	18	7
70 to 99 acres ----- 1987 ..	39	26	47	40	41	52	14
1982 ..	53	25	71	51	49	56	24
100 to 139 acres ----- 1987 ..	93	42	58	32	43	63	16
1982 ..	91	50	93	51	57	87	27
140 to 179 acres ----- 1987 ..	144	78	130	68	93	100	31
1982 ..	194	84	159	85	129	124	42
180 to 219 acres ----- 1987 ..	87	49	75	37	67	76	25
1982 ..	125	68	98	61	94	91	31
220 to 259 acres ----- 1987 ..	124	73	67	56	75	67	38
1982 ..	138	102	96	80	89	78	48
260 to 499 acres ----- 1987 ..	364	221	309	226	341	253	150
1982 ..	392	272	334	268	383	265	167
500 to 999 acres ----- 1987 ..	174	176	179	186	170	118	116
1982 ..	134	182	141	141	151	98	123
1,000 to 1,999 acres ----- 1987 ..	25	47	27	39	31	20	28
1982 ..	19	32	32	42	18	30	22
2,000 acres or more ----- 1987 ..	-	5	1	5	-	2	4
1982 ..	1	6	-	8	-	3	3
<b>TENURE OF OPERATOR</b>							
Full owners ----- farms, 1987 ..	409	270	358	214	273	337	198
1982 ..	484	318	457	292	368	408	242
acres, 1987 ..	71 898	62 335	73 003	49 106	61 931	76 912	65 575
1982 ..	97 953	83 775	95 581	72 207	87 796	83 493	75 863
Part owners ----- farms, 1987 ..	457	320	369	336	392	319	193
1982 ..	452	354	410	379	413	343	183
acres, 1987 ..	193 131	193 170	177 999	184 326	187 709	140 814	113 571
1982 ..	172 130	184 970	178 871	194 402	173 141	152 169	106 234
Tenants ----- farms, 1987 ..	314	183	241	203	274	168	56
1982 ..	344	212	263	203	283	169	81
acres, 1987 ..	95 966	68 223	84 786	78 794	82 329	44 410	22 173
1982 ..	88 916	67 423	67 583	55 756	72 212	41 879	28 822
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated ----- 1987 ..	885	571	761	541	735	647	364
1982 ..	975	678	892	632	837	712	405
Not on farm operated ----- 1987 ..	218	172	171	168	151	133	64
1982 ..	183	133	147	159	136	124	74
Not reported ----- 1987 ..	77	30	36	44	53	44	19
1982 ..	122	73	91	83	91	84	27
Operators by principal occupation:							
Farming ----- 1987 ..	1 008	636	829	611	798	667	384
1982 ..	1 114	765	985	713	953	752	421
Other ----- 1987 ..	172	137	139	142	141	157	63
1982 ..	166	119	145	161	111	168	85
Operators by days of work off farm:							
None ----- 1987 ..	676	452	576	424	557	475	243
1982 ..	713	513	685	460	606	483	266
Any ----- 1987 ..	437	262	326	279	324	298	165
1982 ..	419	280	332	324	355	332	195
1 to 49 days ----- 1987 ..	145	82	101	67	98	72	42
1982 ..	196	106	127	112	127	94	59
50 to 99 days ----- 1987 ..	52	22	34	28	40	33	14
1982 ..	30	24	28	18	34	24	24
100 to 149 days ----- 1987 ..	35	3	29	26	31	16	12
1982 ..	33	21	24	24	21	31	10

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>							
Cash grains (011) .....	511	192	550	523	535	143	134
Field crops, except cash grains (013) .....	-	10	-	1	2	2	6
Cotton (0131) .....	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	-	10	-	1	2	2	6
Vegetables and melons (016) .....	-	-	-	-	2	-	2
Fruits and tree nuts (017) .....	-	1	-	-	3	-	1
Horticultural specialties (018) .....	1	2	3	-	7	-	1
General farms, primarily crop (019) .....	3	30	5	8	2	10	4
Livestock, except dairy, poultry, and animal specialties (021) .....	222	588	541	548	166	332	289
Beef cattle, except feedlots (0212) .....	14	91	35	60	24	156	167
Dairy farms (024) .....	6	484	34	11	5	35	7
Poultry and eggs (025) .....	9	6	2	3	6	10	-
Animal specialties (027) .....	2	2	3	1	7	2	-
General farms, primarily livestock and animal specialties (029) .....	1	68	8	9	-	9	2
<b>FARMS BY SIZE</b>							
1 to 9 acres .....	38	63	46	73	25	15	8
1987 .....	38	63	46	73	25	15	8
1982 .....	26	39	50	42	32	9	7
10 to 49 acres .....	16	24	43	51	29	14	11
1987 .....	16	24	43	51	29	14	11
1982 .....	30	33	43	70	45	14	9
50 to 69 acres .....	3	23	16	10	16	10	2
1987 .....	3	23	16	10	16	10	2
1982 .....	8	22	24	19	23	18	2
70 to 99 acres .....	34	62	65	38	55	27	16
1987 .....	34	62	65	38	55	27	16
1982 .....	48	75	75	63	64	27	15
100 to 139 acres .....	26	115	92	55	50	35	19
1987 .....	26	115	92	55	50	35	19
1982 .....	52	119	132	73	55	58	20
140 to 179 acres .....	84	158	131	122	58	51	36
1987 .....	84	158	131	122	58	51	36
1982 .....	105	180	155	137	82	48	42
180 to 219 acres .....	40	158	112	72	48	51	30
1987 .....	40	158	112	72	48	51	30
1982 .....	45	193	127	110	51	39	29
220 to 259 acres .....	46	136	91	101	52	37	29
1987 .....	46	136	91	101	52	37	29
1982 .....	79	129	110	133	73	53	33
260 to 499 acres .....	240	424	336	329	183	152	125
1987 .....	240	424	336	329	183	152	125
1982 .....	306	443	386	423	248	167	180
500 to 999 acres .....	193	193	185	210	160	114	117
1987 .....	193	193	185	210	160	114	117
1982 .....	187	169	165	198	175	129	119
1,000 to 1,999 acres .....	33	24	29	42	51	29	39
1987 .....	33	24	29	42	51	29	39
1982 .....	36	30	36	31	42	38	42
2,000 acres or more .....	2	3	-	3	8	8	14
1987 .....	2	3	-	3	8	8	14
1982 .....	1	1	-	2	6	4	14
<b>TENURE OF OPERATOR</b>							
Full owners .....	223	717	426	432	234	305	212
farms, 1987 .....	223	717	426	432	234	305	212
farms, 1982 .....	250	769	551	535	284	339	227
acres, 1987 .....	46 849	167 093	84 011	93 944	56 428	92 217	76 322
acres, 1982 .....	58 393	184 444	110 970	116 448	64 726	100 057	103 253
Part owners .....	335	404	415	398	313	192	166
farms, 1987 .....	335	404	415	398	313	192	166
farms, 1982 .....	390	430	495	462	379	225	198
acres, 1987 .....	192 541	181 567	193 808	210 175	179 608	118 986	123 116
acres, 1982 .....	200 254	179 524	217 564	214 755	193 565	129 599	135 285
Tenants .....	197	262	305	274	188	46	68
farms, 1987 .....	197	262	305	274	188	46	68
farms, 1982 .....	283	234	257	304	233	47	87
acres, 1987 .....	70 678	74 160	85 524	88 287	73 813	13 070	41 307
acres, 1982 .....	84 611	62 018	62 051	86 761	74 529	15 232	35 601
<b>OPERATOR CHARACTERISTICS</b>							
Operators by place of residence:							
On farm operated .....	583	1 146	861	836	538	462	332
1987 .....	583	1 146	861	836	538	462	332
1982 .....	707	1 207	1 027	982	677	502	380
Not on farm operated .....	141	187	226	204	165	55	96
1987 .....	141	187	226	204	165	55	96
1982 .....	157	138	186	198	161	57	82
Not reported .....	31	50	59	64	32	26	18
1987 .....	31	50	59	64	32	26	18
1982 .....	59	88	90	121	58	46	50
Operators by principal occupation:							
Farming .....	647	1 189	922	915	552	407	329
1987 .....	647	1 189	922	915	552	407	329
1982 .....	816	1 290	1 102	1 091	697	497	419
Other .....	108	194	224	189	183	136	117
1987 .....	108	194	224	189	183	136	117
1982 .....	107	143	201	210	199	108	93
Operators by days of work off farm:							
None .....	458	940	577	601	345	248	209
1987 .....	458	940	577	601	345	248	209
1982 .....	530	917	689	660	449	285	249
Any .....	239	369	487	411	339	246	208
1987 .....	239	369	487	411	339	246	208
1982 .....	306	400	489	499	369	262	208
1 to 49 days .....	82	98	134	109	69	60	52
1987 .....	82	98	134	109	69	60	52
1982 .....	127	168	161	178	96	76	70
50 to 99 days .....	17	27	50	40	34	21	13
1987 .....	17	27	50	40	34	21	13
1982 .....	32	33	37	47	36	20	20
100 to 149 days .....	11	25	42	29	31	23	15
1987 .....	11	25	42	29	31	23	15
1982 .....	28	19	40	33	27	24	18

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	232	349	329	102	399	474	518	592
Field crops, except cash grains (013) -----	4	1	-	7	1	5	2	-
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	4	1	-	7	1	5	2	-
Vegetables and melons (016) -----	-	1	-	-	-	2	-	2
Fruits and tree nuts (017) -----	-	-	-	-	-	1	-	-
Horticultural specialties (018) -----	1	3	3	5	-	1	4	-
General farms, primarily crop (019) -----	13	1	2	22	2	13	6	2
Livestock, except dairy, poultry, and animal specialties (021) -----	695	148	141	748	117	477	212	268
Beef cattle, except feedlots (0212) -----	15	23	11	74	6	58	13	5
Dairy farms (024) -----	254	10	10	449	-	259	20	7
Poultry and eggs (025) -----	2	-	4	1	1	4	5	11
Animal specialties (027) -----	-	2	1	2	-	2	-	2
General farms, primarily livestock and animal specialties (029) -----	77	3	7	48	2	62	10	11
<b>FARMS BY SIZE</b>								
1 to 9 acres ----- 1987..	67	11	25	75	11	61	28	50
----- 1982..	56	17	23	42	10	53	30	40
10 to 49 acres ----- 1987..	36	5	17	59	17	34	27	26
----- 1982..	28	18	14	69	15	45	34	43
50 to 69 acres ----- 1987..	13	6	2	31	7	19	12	9
----- 1982..	28	11	5	32	9	18	18	15
70 to 99 acres ----- 1987..	67	29	35	69	15	85	51	40
----- 1982..	75	33	22	89	20	85	52	53
100 to 139 acres ----- 1987..	112	45	16	140	13	106	51	48
----- 1982..	113	58	26	140	25	114	63	47
140 to 179 acres ----- 1987..	222	62	42	255	39	168	74	81
----- 1982..	247	60	66	269	76	173	100	108
180 to 219 acres ----- 1987..	146	43	15	217	21	120	51	50
----- 1982..	151	61	24	237	27	146	60	81
220 to 259 acres ----- 1987..	130	39	32	125	33	114	67	77
----- 1982..	153	43	41	139	36	116	75	97
260 to 499 acres ----- 1987..	338	159	160	319	195	390	220	285
----- 1982..	335	174	198	326	250	398	261	370
500 to 999 acres ----- 1987..	125	89	119	84	145	154	161	188
----- 1982..	126	84	120	83	146	174	142	180
1,000 to 1,999 acres ----- 1987..	22	25	34	9	24	46	31	37
----- 1982..	15	20	30	7	11	41	29	28
2,000 acres or more ----- 1987..	-	5	-	1	2	3	4	4
----- 1982..	-	4	1	1	3	3	2	6
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987..	622	184	143	774	117	594	241	266
----- 1982..	712	228	159	819	165	635	286	352
----- acres, 1987..	132 710	43 745	28 741	141 625	26 487	116 440	50 820	63 493
----- 1982..	144 083	61 584	45 284	163 485	42 837	135 875	57 241	86 882
Part owners ----- farms, 1987..	348	228	210	350	210	448	362	363
----- 1982..	380	247	242	372	254	489	407	415
----- acres, 1987..	143 023	118 604	115 027	119 057	118 583	217 431	186 259	188 274
----- 1982..	148 864	125 590	125 233	113 369	130 411	224 056	189 212	196 947
Tenants ----- farms, 1987..	308	106	144	260	195	258	174	266
----- 1982..	235	108	169	243	209	239	173	281
----- acres, 1987..	67 489	35 720	61 987	54 407	79 004	75 747	49 436	89 357
----- 1982..	52 201	26 301	54 107	47 343	68 228	61 540	44 962	78 713
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987..	1 073	389	377	1 176	420	1 052	571	696
----- 1982..	1 123	436	435	1 178	462	1 122	683	807
Not on farm operated ----- 1987..	151	97	93	144	82	192	164	161
----- 1982..	123	105	94	136	114	146	130	144
Not reported ----- 1987..	54	32	27	64	20	56	42	38
----- 1982..	81	42	41	120	52	95	53	97
Operators by principal occupation:								
Farming ----- 1987..	1 131	382	433	1 179	474	1 088	621	760
----- 1982..	1 210	449	499	1 227	568	1 166	719	910
Other ----- 1987..	147	136	64	205	48	212	156	135
----- 1982..	117	134	71	207	60	197	147	138
Operators by days of work off farm:								
None ----- 1987..	804	259	269	883	318	803	419	516
----- 1982..	820	271	328	823	365	783	442	576
Any ----- 1987..	371	217	182	419	164	413	321	315
----- 1982..	370	257	187	452	189	442	345	353
1 to 49 days ----- 1987..	118	39	68	85	62	120	85	83
----- 1982..	146	70	82	129	74	168	121	131
50 to 99 days ----- 1987..	31	17	16	31	15	22	28	37
----- 1982..	27	19	13	49	19	33	22	29
100 to 149 days ----- 1987..	23	14	15	27	17	40	24	34
----- 1982..	37	17	19	41	25	28	33	21

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	434	647	577	409	633	634	577	576
Field crops, except cash grains (013) .....	1	2	1	2	-	1	-	-
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1	2	1	2	-	1	-	-
Vegetables and melons (016) .....	-	1	-	-	-	-	-	-
Fruits and tree nuts (017) .....	2	1	-	-	-	-	2	2
Horticultural specialties (018) .....	2	2	-	3	1	1	4	1
General farms, primarily crop (019) .....	3	1	4	1	-	-	2	2
Livestock, except dairy, poultry, and animal specialties (021) .....	132	123	294	310	210	265	321	231
Beef cattle, except feedlots (0212) .....	26	11	12	89	9	9	19	49
Dairy farms (024) .....	2	-	20	4	-	18	1	4
Poultry and eggs (025) .....	-	-	2	1	26	3	5	-
Animal specialties (027) .....	-	1	-	-	9	-	2	1
General farms, primarily livestock and animal specialties (029) .....	2	1	10	5	2	6	7	8
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	24	25	55	23	40	35	65	25
1987 .....	12	34	59	20	38	39	61	18
1982 .....	16	16	19	18	16	11	20	16
10 to 49 acres .....	9	17	38	29	34	20	28	19
1987 .....	6	6	11	14	11	5	8	6
1982 .....	7	8	12	11	8	10	15	9
50 to 69 acres .....	26	23	45	28	43	34	46	24
1987 .....	27	37	64	46	67	53	56	31
1982 .....	23	26	50	52	45	34	63	54
100 to 139 acres .....	28	33	60	57	66	46	55	48
1987 .....	49	77	150	80	85	141	82	69
1982 .....	55	88	174	88	96	180	117	74
140 to 179 acres .....	28	49	48	53	62	46	75	46
1987 .....	37	67	78	55	79	76	77	74
1982 .....	27	45	106	45	65	73	70	53
180 to 219 acres .....	44	59	125	69	95	123	104	84
220 to 259 acres .....	146	251	237	210	286	324	264	249
1987 .....	187	322	250	281	335	358	322	315
1982 .....	161	209	146	170	190	199	192	221
500 to 999 acres .....	178	198	119	153	181	156	150	228
1987 .....	65	47	36	36	34	26	34	54
1982 .....	46	34	27	30	32	22	35	46
2,000 acres or more .....	7	5	5	6	4	-	2	8
1987 .....	5	3	7	2	2	3	7	5
1982 .....								
<b>TENURE OF OPERATOR</b>								
Full owners .....	194	195	256	298	231	243	278	304
farms, 1987 .....	182	276	325	343	258	331	323	346
1982 .....	45 802	44 009	42 300	75 423	46 740	50 119	52 620	81 661
acres, 1987 .....	59 334	70 597	57 434	80 059	59 068	66 361	69 537	111 846
1982 .....								
Part owners .....	246	354	352	285	386	405	398	328
farms, 1987 .....	292	389	382	315	450	438	417	363
1982 .....	174 983	207 898	182 288	168 369	200 651	197 133	197 678	213 205
acres, 1987 .....	170 800	206 777	177 630	172 662	204 478	193 914	203 228	193 545
1982 .....								
Tenants .....	138	230	300	152	264	280	245	193
farms, 1987 .....	161	235	306	183	325	317	287	242
1982 .....	78 192	94 330	91 636	53 749	94 228	93 338	82 884	79 939
acres, 1987 .....	70 145	74 739	82 317	55 432	90 727	87 614	76 333	89 707
1982 .....								
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	393	548	662	543	638	712	699	593
1987 .....	447	648	782	604	747	847	778	712
1982 .....	156	192	209	157	206	175	182	184
Not on farm operated .....	136	183	151	157	201	165	173	143
1987 .....	29	39	37	35	37	41	40	48
1982 .....	52	69	80	80	85	74	76	96
Not reported .....								
Operators by principal occupation:								
Farming .....	495	668	726	579	719	800	754	694
1987 .....	564	767	842	694	909	973	842	832
1982 .....	83	111	182	156	162	128	167	131
Other .....	71	133	171	147	124	113	185	119
1987 .....								
1982 .....								
Operators by days of work off farm:								
None .....	352	445	481	373	473	497	506	475
1987 .....	381	471	497	440	578	597	561	566
1982 .....	188	285	370	286	344	367	366	286
Any .....	188	335	414	316	353	388	394	282
1987 .....								
1982 .....								
1 to 49 days .....	64	108	120	56	109	107	106	98
1987 .....	72	137	165	93	151	208	144	103
1982 .....	23	34	34	26	38	49	30	22
50 to 99 days .....	26	32	32	29	34	37	37	31
1987 .....	17	24	28	29	32	27	33	30
1982 .....	7	15	30	33	22	20	30	16

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	314	357	526	335	345	161	590	258
Field crops, except cash grains (013) .....	-	1	2	-	3	4	6	-
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	-	1	2	-	3	4	6	-
Vegetables and melons (016) .....	-	-	-	-	1	-	-	-
Fruits and tree nuts (017) .....	-	-	-	-	-	1	1	-
Horticultural specialties (018) .....	1	2	1	-	1	1	2	2
General farms, primarily crop (019) .....	3	4	-	4	6	13	6	-
Livestock, except dairy, poultry, and animal specialties (021) .....	257	276	145	333	466	662	475	252
Beef cattle, except feedlots (0212) .....	36	18	3	17	56	150	47	43
Dairy farms (024) .....	6	104	3	5	18	150	11	7
Poultry and eggs (025) .....	16	2	2	2	2	2	4	-
Animal specialties (027) .....	5	1	-	7	2	7	1	3
General farms, primarily livestock and animal specialties (029) .....	5	33	6	3	5	18	11	2
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	30	29	23	31	22	41	59	19
1987 .....	27	33	32	27	32	36	57	19
1982 .....	16	26	12	31	28	39	38	9
10 to 49 acres .....	26	36	19	25	40	54	59	18
1987 .....	13	6	5	8	9	17	21	10
1982 .....	15	10	7	2	18	21	18	13
50 to 69 acres .....	25	41	23	24	39	40	47	27
1987 .....	43	48	49	37	49	57	73	32
1982 .....	40	44	27	31	66	66	67	41
140 to 179 acres .....	46	58	31	43	81	93	82	56
1987 .....	63	122	83	76	82	120	114	42
1982 .....	63	157	101	96	104	140	121	67
180 to 219 acres .....	39	64	39	42	75	111	75	34
1987 .....	60	72	44	47	81	119	95	56
1982 .....	48	83	54	61	92	90	62	34
220 to 259 acres .....	67	95	56	70	92	105	92	56
260 to 499 acres .....	198	218	242	214	257	310	347	162
1987 .....	246	252	274	283	283	346	406	189
1982 .....	115	114	149	141	147	163	224	116
500 to 999 acres .....	101	97	142	137	151	150	224	119
1987 .....	20	31	25	29	26	20	52	27
1982 .....	18	27	21	10	32	16	41	26
2,000 acres or more .....	-	2	3	1	6	2	1	3
1987 .....	-	3	3	-	4	1	5	2
1982 .....	-	-	-	-	-	-	-	-
<b>TENURE OF OPERATOR</b>								
Full owners .....	239	369	175	190	354	514	387	227
farms, 1987 .....	267	454	225	272	432	622	483	283
1982 .....	56 093	84 191	40 484	49 631	94 649	121 180	86 641	62 830
acres, 1987 .....	58 414	98 861	54 843	69 642	125 714	137 561	103 051	72 814
1982 .....	260	289	292	290	329	341	458	230
Part owners .....	320	292	309	288	347	340	496	259
farms, 1987 .....	121 653	136 629	148 912	142 706	175 749	150 767	238 714	125 435
1982 .....	135 975	133 325	141 288	126 397	175 990	145 757	242 963	125 713
Tenants .....	108	122	218	209	166	164	262	67
farms, 1987 .....	125	142	245	217	188	176	294	111
1982 .....	31 027	38 844	83 144	62 208	46 182	47 246	85 348	24 398
acres, 1987 .....	30 628	38 038	76 659	59 682	50 244	46 406	87 661	32 273
1982 .....	-	-	-	-	-	-	-	-
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	461	631	489	503	665	826	865	401
1987 .....	549	728	580	577	766	902	992	507
1982 .....	114	122	154	141	144	138	202	86
Not on farm operated .....	109	108	135	123	128	143	177	92
1987 .....	32	27	42	45	40	55	40	37
1982 .....	54	52	64	77	73	93	104	54
Not reported .....	-	-	-	-	-	-	-	-
Operators by principal occupation:								
Farming .....	473	668	564	569	718	813	890	426
1987 .....	593	763	659	682	799	928	1 059	509
1982 .....	134	112	121	120	131	206	217	98
Other .....	119	125	120	95	168	210	214	144
1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
Operators by days of work off farm:								
None .....	302	452	355	403	499	589	596	274
1987 .....	379	525	395	431	536	610	681	309
1982 .....	261	277	263	244	295	367	445	211
Any .....	262	289	321	241	346	433	471	297
1987 .....	65	84	68	57	78	75	116	64
1982 .....	76	86	115	105	101	128	162	79
1 to 49 days .....	28	23	37	35	26	15	43	15
1987 .....	25	34	52	23	29	40	37	28
1982 .....	13	38	25	15	29	38	33	16
50 to 99 days .....	27	30	23	18	22	37	32	16
1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-
100 to 149 days .....	-	-	-	-	-	-	-	-
1987 .....	-	-	-	-	-	-	-	-
1982 .....	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	360	303	356	1 122	250	580	296	105
Field crops, except cash grains (013) -----	3	-	1	3	1	2	1	-
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	3	-	1	3	1	2	1	1
Vegetables and melons (016) -----	1	-	-	-	3	9	2	-
Fruits and tree nuts (017) -----	3	-	1	-	1	2	4	-
Horticultural specialties (018) -----	4	-	-	-	3	10	1	-
General farms, primarily crop (019) -----	8	6	6	1	2	9	4	5
Livestock, except dairy, poultry, and animal specialties (021) -----	501	507	403	399	317	414	172	261
Beef cattle, except feedlots (0212) -----	42	60	18	14	52	48	9	120
Dairy farms (024) -----	50	95	4	25	24	55	4	6
Poultry and eggs (025) -----	15	1	1	7	1	-	2	2
Animal specialties (027) -----	4	2	-	-	5	8	1	1
General farms, primarily livestock and animal specialties (029) -----	18	15	1	17	1	21	-	1
<b>FARMS BY SIZE</b>								
1 to 9 acres ----- 1987 ..	42	34	29	51	19	38	12	11
----- 1982 ..	31	28	33	61	17	36	13	7
10 to 49 acres ----- 1987 ..	43	38	15	37	16	61	19	9
----- 1982 ..	68	50	30	30	22	63	17	13
50 to 69 acres ----- 1987 ..	19	11	13	10	9	30	4	4
----- 1982 ..	27	24	19	14	16	48	8	7
70 to 99 acres ----- 1987 ..	79	48	19	47	25	97	18	15
----- 1982 ..	86	47	53	64	34	141	43	16
100 to 139 acres ----- 1987 ..	121	72	56	53	34	135	27	12
----- 1982 ..	149	99	73	67	58	147	38	36
140 to 179 acres ----- 1987 ..	90	106	45	211	65	146	37	26
----- 1982 ..	120	118	74	260	94	175	45	33
180 to 219 acres ----- 1987 ..	85	81	45	84	53	100	35	33
----- 1982 ..	104	118	70	124	63	95	46	45
220 to 259 acres ----- 1987 ..	77	89	68	146	37	77	54	36
----- 1982 ..	97	103	101	197	58	88	54	38
260 to 499 acres ----- 1987 ..	250	255	257	579	199	232	153	125
----- 1982 ..	303	327	292	619	236	292	154	153
500 to 999 acres ----- 1987 ..	130	167	175	287	115	159	100	80
----- 1982 ..	124	139	172	247	96	145	121	94
1,000 to 1,999 acres ----- 1987 ..	30	25	46	65	34	32	27	27
----- 1982 ..	23	24	30	52	31	23	19	24
2,000 acres or more ----- 1987 ..	1	3	5	4	2	3	1	4
----- 1982 ..	3	1	5	12	1	4	2	3
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987 ..	390	405	296	397	269	487	166	173
----- 1982 ..	515	492	407	489	326	555	202	237
acres, 1987 ..	74 110	93 243	86 239	88 155	64 071	82 726	44 420	49 424
----- 1982 ..	94 548	113 160	105 380	125 150	81 689	97 858	52 758	72 257
Part owners ----- farms, 1987 ..	386	323	351	689	273	424	220	153
----- 1982 ..	420	353	368	706	295	458	239	187
acres, 1987 ..	162 865	159 808	197 543	356 090	147 776	188 626	113 640	99 707
----- 1982 ..	170 014	153 468	175 629	328 437	139 223	185 613	110 064	97 753
Tenants ----- farms, 1987 ..	191	201	126	488	66	199	101	56
----- 1982 ..	200	233	177	552	105	244	119	45
acres, 1987 ..	47 810	55 308	41 171	147 127	19 303	55 847	31 977	22 470
----- 1982 ..	47 072	58 142	53 656	152 954	23 712	61 971	39 131	19 046
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987 ..	752	724	608	1 215	485	893	375	309
----- 1982 ..	897	851	700	1 333	559	994	431	393
Not on farm operated ----- 1987 ..	152	175	117	292	103	188	80	61
----- 1982 ..	152	156	156	277	103	170	79	40
Not reported ----- 1987 ..	63	30	48	67	20	29	32	12
----- 1982 ..	86	71	96	137	64	93	50	36
Operators by principal occupation:								
Farming ----- 1987 ..	770	766	644	1 352	457	812	408	304
----- 1982 ..	924	801	1 568	549	922	611	464	379
Other ----- 1987 ..	197	163	129	222	151	298	79	78
----- 1982 ..	211	164	151	179	177	335	96	90
Operators by days of work off farm:								
None ----- 1987 ..	518	549	463	885	324	535	276	204
----- 1982 ..	575	609	528	992	378	611	317	244
Any ----- 1987 ..	390	326	245	584	248	495	172	149
----- 1982 ..	450	378	311	567	304	547	191	167
1 to 49 days ----- 1987 ..	93	78	67	193	42	99	50	39
----- 1982 ..	141	138	107	250	75	115	56	49
50 to 99 days ----- 1987 ..	36	43	24	71	17	39	17	11
----- 1982 ..	31	29	32	62	16	44	19	8
100 to 149 days ----- 1987 ..	28	17	17	66	30	37	15	14
----- 1982 ..	26	18	18	40	24	38	15	11

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) -----	472	317	405	322	526	342	346	470
Field crops, except cash grains (013) -----	3	3	-	2	1	1	1	1
Cotton (0131) -----	-	-	-	-	-	-	-	-
Tobacco (0132) -----	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) -----	3	3	-	2	1	1	1	1
Vegetables and melons (016) -----	2	2	1	-	-	1	2	1
Fruits and tree nuts (017) -----	-	1	-	1	-	-	-	-
Horticultural specialties (018) -----	-	1	2	6	6	1	-	-
General farms, primarily crop (019) -----	4	7	4	1	5	-	4	3
Livestock, except dairy, poultry, and animal specialties (021) -----	537	296	507	379	285	135	319	218
Beef cattle, except feedlots (0212) -----	45	89	41	67	35	17	15	37
Dairy farms (024) -----	57	1	18	19	6	-	55	2
Poultry and eggs (025) -----	1	3	6	3	4	-	17	-
Animal specialties (027) -----	1	1	-	2	3	-	1	1
General farms, primarily livestock and animal specialties (029) -----	28	-	8	4	3	1	21	3
<b>FARMS BY SIZE</b>								
1 to 9 acres ----- 1987 ..	77	26	51	42	42	13	52	22
----- 1982 ..	76	25	44	35	47	17	30	18
10 to 49 acres ----- 1987 ..	30	18	28	29	25	12	26	6
----- 1982 ..	31	30	41	35	18	18	34	9
50 to 69 acres ----- 1987 ..	15	11	26	16	15	8	9	8
----- 1982 ..	13	12	20	15	23	1	7	2
70 to 99 acres ----- 1987 ..	47	30	49	42	46	11	36	22
----- 1982 ..	75	42	49	51	56	27	39	27
100 to 139 acres ----- 1987 ..	40	46	75	55	52	31	38	39
----- 1982 ..	38	58	85	77	51	30	56	43
140 to 179 acres ----- 1987 ..	176	55	86	81	84	34	75	57
----- 1982 ..	246	61	120	77	109	41	104	69
180 to 219 acres ----- 1987 ..	65	33	79	52	50	23	51	35
----- 1982 ..	76	53	79	53	77	24	57	43
220 to 259 acres ----- 1987 ..	105	54	75	47	75	35	74	54
----- 1982 ..	124	61	87	63	80	39	98	53
260 to 499 acres ----- 1987 ..	375	180	292	221	217	131	248	187
----- 1982 ..	421	237	355	283	284	152	294	227
500 to 999 acres ----- 1987 ..	151	135	163	126	187	138	132	177
----- 1982 ..	134	142	148	127	157	130	111	204
1,000 to 1,999 acres ----- 1987 ..	24	39	25	27	44	38	23	78
----- 1982 ..	13	33	19	21	35	45	16	61
2,000 acres or more ----- 1987 ..	-	5	2	1	2	7	2	14
----- 1982 ..	2	5	3	-	4	3	2	10
<b>TENURE OF OPERATOR</b>								
Full owners ----- farms, 1987 ..	317	256	389	318	287	166	301	220
----- 1982 ..	415	299	434	334	327	174	343	221
----- acres, 1987 ..	58 664	60 980	82 650	69 307	60 680	47 519	61 430	63 045
----- 1982 ..	83 322	68 312	90 244	68 855	75 181	56 310	80 807	73 293
Part owners ----- farms, 1987 ..	486	269	358	281	362	200	318	273
----- 1982 ..	494	327	399	352	379	218	325	300
----- acres, 1987 ..	194 918	159 406	164 900	140 915	196 744	134 215	156 881	200 332
----- 1982 ..	189 044	175 308	172 305	150 108	186 944	131 638	137 108	208 282
Tenants ----- farms, 1987 ..	302	107	204	140	190	115	147	206
----- 1982 ..	340	133	217	151	235	135	180	223
----- acres, 1987 ..	84 825	40 323	63 961	42 495	60 207	54 938	41 667	101 426
----- 1982 ..	79 560	43 045	62 150	48 676	65 781	53 259	46 312	85 417
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated ----- 1987 ..	865	459	741	570	644	346	607	465
----- 1982 ..	980	563	817	642	747	393	654	522
Not on farm operated ----- 1987 ..	162	136	146	131	156	105	124	195
----- 1982 ..	133	151	142	124	131	75	114	196
Not reported ----- 1987 ..	78	37	64	38	39	30	35	39
----- 1982 ..	136	45	91	71	63	59	80	56
Operators by principal occupation:								
Farming ----- 1987 ..	948	475	780	540	682	413	622	600
----- 1982 ..	1 111	580	929	653	772	460	752	687
Other ----- 1987 ..	157	157	171	199	157	68	144	99
----- 1982 ..	138	179	121	184	169	67	96	87
Operators by days of work off farm:								
None ----- 1987 ..	649	318	496	373	466	279	426	388
----- 1982 ..	696	377	594	433	463	301	480	435
Any ----- 1987 ..	381	264	362	329	324	163	297	260
----- 1982 ..	412	326	321	322	387	155	270	252
1 to 49 days ----- 1987 ..	119	67	105	63	100	51	95	90
----- 1982 ..	196	88	118	78	146	61	114	112
50 to 99 days ----- 1987 ..	40	22	38	21	29	14	34	33
----- 1982 ..	38	32	38	25	20	10	25	23
100 to 149 days ----- 1987 ..	24	15	28	27	24	24	18	15
----- 1982 ..	24	27	21	21	30	14	19	19

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	117	334	311	618	419	432	588	615
Field crops, except cash grains (013) .....	3	1	2	-	-	-	-	3
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	3	1	2	-	-	-	-	3
Vegetables and melons (016) .....	-	-	13	-	-	-	-	-
Fruits and tree nuts (017) .....	-	-	-	-	-	-	-	-
Horticultural specialties (018) .....	-	1	6	-	2	4	1	2
General farms, primarily crop (019) .....	6	5	12	4	-	6	3	7
Livestock, except dairy, poultry, and animal specialties (021) .....	290	213	241	437	197	317	215	803
Beef cattle, except feedlots (0212) .....	164	45	21	26	7	44	5	53
Dairy farms (024) .....	9	3	21	22	15	6	9	17
Poultry and eggs (025) .....	-	-	-	2	2	-	4	6
Animal specialties (027) .....	3	1	1	4	-	2	4	2
General farms, primarily livestock and animal specialties (029) .....	9	1	5	24	25	1	7	16
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	11	15	15	67	33	19	32	65
1987 .....	7	22	16	77	32	15	28	59
1982 .....	7	13	22	38	16	15	14	51
10 to 49 acres .....	8	14	31	25	10	22	15	42
1987 .....	4	4	10	7	5	10	8	16
1982 .....	6	7	20	7	1	10	6	23
70 to 99 acres .....	19	24	30	72	26	37	33	73
1987 .....	20	28	56	72	47	32	50	90
1982 .....	22	32	37	53	19	34	32	64
100 to 139 acres .....	36	30	61	49	30	50	54	89
1987 .....	33	40	86	129	105	68	95	180
1982 .....	32	46	93	189	117	75	87	199
140 to 179 acres .....	25	43	47	55	46	45	36	81
1987 .....	31	48	51	72	51	61	59	117
1982 .....	38	42	50	114	71	59	47	146
220 to 259 acres .....	51	46	55	165	71	60	79	193
260 to 499 acres .....	142	164	167	377	217	236	279	494
1987 .....	146	205	231	410	288	298	341	568
1982 .....	111	153	121	168	95	210	209	251
500 to 999 acres .....	115	155	115	134	85	187	182	210
1987 .....	20	28	26	30	25	34	46	47
1982 .....	21	19	13	21	18	29	29	31
2,000 acres or more .....	4	1	1	1	2	1	-	3
1987 .....	3	2	1	-	2	1	1	3
1982 .....								
<b>TENURE OF OPERATOR</b>								
Full owners .....	234	217	204	289	144	296	223	443
1987 .....	255	235	288	366	192	312	266	523
1982 .....	73 317	56 487	50 040	48 849	26 475	73 984	57 090	100 310
acres, 1987 .....	86 828	62 515	70 573	69 482	47 161	83 513	66 179	125 854
1982 .....								
Part owners .....	158	212	268	497	324	330	348	646
1987 .....	180	236	299	547	343	347	386	670
1982 .....	99 106	127 271	127 654	219 658	149 360	182 633	188 526	291 152
acres, 1987 .....	96 089	128 717	117 823	210 711	143 430	174 367	188 298	271 651
1982 .....								
Tenants .....	45	130	140	325	192	142	260	382
1987 .....	41	149	156	308	217	181	279	431
1982 .....	16 992	53 889	41 093	89 364	52 397	62 831	92 841	112 245
acres, 1987 .....	10 194	54 339	40 201	78 172	53 010	62 055	86 827	108 292
1982 .....								
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	325	430	479	855	538	580	614	1 178
1987 .....	372	490	558	956	583	643	696	1 256
1982 .....	78	109	108	197	96	160	165	206
Not on farm operated .....	59	83	121	187	112	135	164	203
1987 .....	34	20	25	59	26	28	52	87
1982 .....	45	49	64	98	57	62	71	165
Not reported .....								
Operators by principal occupation:								
Farming .....	318	475	487	931	561	619	714	1 227
1987 .....	364	540	593	1 075	679	731	846	1 417
1982 .....	119	84	125	180	99	149	117	244
Other .....	112	82	150	146	73	109	85	207
1987 .....								
1982 .....								
Operators by days of work off farm:								
None .....	236	313	312	613	377	407	460	829
1987 .....	212	334	402	691	439	462	518	964
1982 .....	161	202	252	419	240	313	307	523
Any .....	209	220	268	414	238	292	307	475
1987 .....								
1982 .....								
1 to 49 days .....	20	70	47	140	74	90	105	156
1987 .....	41	101	64	178	99	121	152	186
1982 .....	13	17	25	53	31	23	56	42
50 to 99 days .....	24	22	15	42	30	30	34	46
1987 .....	21	20	18	41	25	29	20	41
1982 .....	11	15	19	31	28	19	23	18

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	661	422	786	413	152	558	365	539
Field crops, except cash grains (013) .....	2	1	5	4	2	3	2	2
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	2	1	5	4	2	3	2	2
Vegetables and melons (016) .....	-	2	-	-	-	-	4	-
Fruits and tree nuts (017) .....	-	2	-	-	-	-	2	1
Horticultural specialties (018) .....	2	13	7	1	-	2	8	1
General farms, primarily crop (019) .....	1	1	3	5	10	3	3	5
Livestock, except dairy, poultry, and animal specialties (021) .....	214	114	421	385	331	346	307	462
Beef cattle, except feedlots (0212) .....	6	16	34	60	132	13	14	30
Dairy farms (024) .....	3	5	6	16	8	9	24	12
Poultry and eggs (025) .....	6	5	2	1	-	7	1	1
Animal specialties (027) .....	1	9	3	1	-	1	4	3
General farms, primarily livestock and animal specialties (029) .....	2	6	4	7	1	5	12	6
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	31	31	51	33	14	45	24	58
1987 .....	30	32	50	34	12	41	32	55
1982 .....	17	30	33	18	11	24	29	25
10 to 49 acres .....	15	37	53	30	11	28	46	20
1987 .....	6	13	14	10	3	9	22	9
1982 .....	11	21	17	15	6	15	27	13
50 to 69 acres .....	35	41	53	37	14	46	43	33
1987 .....	42	75	80	39	10	50	76	55
1982 .....	49	40	68	53	23	38	70	62
140 to 179 acres .....	51	62	96	57	25	59	76	70
1987 .....	106	56	116	88	28	101	93	104
1982 .....	120	73	139	101	36	128	122	124
180 to 219 acres .....	41	46	78	43	28	65	67	96
1987 .....	70	52	87	62	40	69	79	111
1982 .....	59	40	91	71	38	82	72	94
220 to 259 acres .....	95	50	90	82	34	105	82	129
260 to 499 acres .....	302	142	348	252	149	285	188	333
1987 .....	386	170	461	309	202	357	207	415
1982 .....	214	93	307	182	140	201	102	189
500 to 999 acres .....	183	95	272	186	182	160	96	151
1987 .....	31	40	73	45	46	36	22	29
1982 .....	24	33	64	39	35	26	17	15
2,000 acres or more .....	1	8	9	1	10	2	-	-
1987 .....	-	5	8	1	8	5	1	1
1982 .....								
<b>TENURE OF OPERATOR</b>								
Full owners .....	207	232	395	305	233	279	234	316
farms, 1987 .....	231	263	478	378	260	330	288	435
1982 .....	42 299	39 453	91 900	69 507	79 041	56 707	41 323	60 606
acres, 1987 .....	50 145	39 735	119 565	89 751	99 068	86 713	54 036	100 970
1982 .....								
Part owners .....	382	241	510	329	182	375	327	403
farms, 1987 .....	460	292	538	371	242	394	353	378
1982 .....	198 471	142 639	302 547	186 846	142 538	202 174	139 363	191 159
acres, 1987 .....	204 789	143 765	283 780	199 787	153 617	181 554	134 380	160 997
1982 .....								
Tenants .....	303	107	336	199	89	280	171	313
farms, 1987 .....	336	150	401	206	99	319	220	346
1982 .....	102 757	41 099	131 159	65 687	37 340	96 573	41 699	92 274
acres, 1987 .....	99 950	46 420	134 651	56 523	41 421	87 402	43 567	87 902
1982 .....								
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	665	428	923	637	387	681	584	785
1987 .....	748	528	1 075	758	473	797	664	871
1982 .....	193	119	255	161	84	203	116	185
Not on farm operated .....	194	126	221	136	81	160	124	182
1987 .....	34	33	63	35	33	50	32	62
1982 .....	85	51	121	61	47	86	73	106
Not reported .....								
Operators by principal occupation:								
Farming .....	760	411	1 047	701	423	780	563	870
1987 .....	891	533	1 198	836	512	914	682	1 046
1982 .....	132	169	194	132	81	154	169	162
Other .....	136	172	219	119	89	129	179	113
1987 .....								
Operators by days of work off farm:								
None .....	477	262	735	472	291	540	361	584
1987 .....	577	315	827	550	339	577	437	650
1982 .....	342	270	429	304	158	317	317	372
Any .....	363	309	465	314	196	317	342	362
1987 .....								
1982 .....								
1 to 49 days .....	112	52	121	95	51	96	68	135
1987 .....	160	82	154	148	76	135	85	155
1982 .....	44	23	55	23	14	30	19	31
50 to 99 days .....	39	25	40	18	17	22	21	42
1987 .....	40	22	49	21	11	26	33	36
1982 .....	20	23	37	19	8	21	31	37

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	594	619	653	263	166	214	255	316
Field crops, except cash grains (013) .....	2	-	5	5	1	5	3	3
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	2	-	5	5	1	5	3	3
Vegetables and melons (016) .....	-	2	-	-	-	-	1	-
Fruits and tree nuts (017) .....	-	1	-	-	-	-	-	1
Horticultural specialties (018) .....	1	5	-	-	1	2	3	3
General farms, primarily crop (019) .....	3	2	10	3	3	10	5	4
Livestock, except dairy, poultry, and animal specialties (021) .....	1 018	230	395	284	279	243	211	336
Beef cattle, except feedlots (0212) .....	70	14	61	100	114	75	75	119
Dairy farms (024) .....	111	6	33	3	8	11	12	18
Poultry and eggs (025) .....	21	10	6	1	-	1	1	-
Animal specialties (027) .....	5	5	4	2	2	1	-	5
General farms, primarily livestock and animal specialties (029) .....	25	5	9	3	-	3	1	6
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	231	48	49	13	16	6	12	20
1987 .....	174	33	35	13	15	13	12	22
1982 .....	90	43	35	11	6	14	18	31
10 to 49 acres .....	90	44	43	11	17	14	20	36
1987 .....	24	21	19	6	11	4	2	16
1982 .....	34	12	19	2	12	11	10	20
50 to 69 acres .....	112	65	46	17	15	17	33	38
1987 .....	116	78	63	26	18	16	38	61
1982 .....	100	66	78	14	20	46	43	59
100 to 139 acres .....	117	82	72	33	35	41	42	69
1987 .....	228	83	118	34	39	38	41	72
1982 .....	308	106	151	55	51	37	51	68
140 to 179 acres .....	110	54	74	42	24	42	38	57
1987 .....	148	76	102	44	34	49	34	50
1982 .....	169	43	95	42	45	31	44	34
220 to 259 acres .....	200	69	129	79	45	46	45	64
260 to 499 acres .....	505	229	335	179	134	142	136	184
1987 .....	549	288	395	206	161	180	183	212
1982 .....	178	188	225	163	117	117	107	134
500 to 999 acres .....	147	163	190	160	122	140	100	137
1987 .....	31	40	39	37	28	28	17	44
1982 .....	21	27	29	28	25	30	19	39
2,000 acres or more .....	2	5	2	6	5	5	1	3
1987 .....	-	4	2	3	3	3	1	5
1982 .....								
<b>TENURE OF OPERATOR</b>								
Full owners .....	614	274	375	222	211	226	221	323
farms, 1987 .....	694	323	429	274	251	269	238	359
1982 .....	81 153	45 516	81 339	84 375	69 783	65 890	48 875	77 980
acres, 1987 .....	118 825	57 649	93 249	88 602	80 736	80 328	55 246	82 132
1982 .....								
Part owners .....	783	382	483	245	180	207	195	258
farms, 1987 .....	794	422	513	260	211	253	246	303
1982 .....	288 748	201 424	239 163	145 031	116 036	126 818	100 035	141 243
acres, 1987 .....	258 479	200 070	232 539	140 391	112 101	138 848	114 132	159 041
1982 .....								
Tenants .....	383	229	257	97	69	57	76	111
farms, 1987 .....	416	237	288	126	76	58	71	121
1982 .....	93 598	70 708	77 709	38 869	29 135	19 110	30 653	41 879
acres, 1987 .....	86 730	69 813	78 418	43 424	24 413	21 295	22 406	41 697
1982 .....								
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	1 372	623	889	419	378	392	382	542
1987 .....	1 436	703	980	513	429	451	450	618
1982 .....	279	218	188	127	69	79	88	117
Not on farm operated .....	232	197	159	96	68	84	62	108
1987 .....	129	44	38	18	13	19	22	33
1982 .....	236	82	91	51	41	45	43	57
Not reported .....								
Operators by principal occupation:								
Farming .....	1 411	656	930	470	364	371	353	479
1987 .....	1 633	763	1 072	562	422	487	416	571
1982 .....	369	229	185	94	96	119	139	213
Other .....	271	219	158	98	116	93	139	212
1987 .....								
1982 .....								
Operators by days of work off farm:								
None .....	927	455	629	306	244	255	250	331
1987 .....	977	498	662	351	263	302	280	370
1982 .....	709	369	423	211	180	207	210	325
Any .....	694	391	445	230	229	217	221	356
1987 .....	179	89	126	58	48	40	34	58
1982 .....	258	114	166	91	80	68	51	84
1 to 49 days .....	66	24	50	15	15	25	13	17
1987 .....	59	28	38	21	15	18	14	29
1982 .....	56	26	50	17	16	24	15	23
50 to 99 days .....	59	21	38	17	12	23	7	19
1987 .....								
1982 .....								
100 to 149 days .....								
1987 .....								
1982 .....								

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
<b>1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION</b>								
Cash grains (011) .....	342	187	865	423	185	551	367	654
Field crops, except cash grains (013) .....	1	-	1	1	12	3	2	-
Cotton (0131) .....	-	-	-	-	-	-	-	-
Tobacco (0132) .....	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139) .....	1	-	1	1	12	3	2	-
Vegetables and melons (016) .....	4	-	2	1	-	-	1	-
Fruits and tree nuts (017) .....	-	-	1	-	-	-	-	-
Horticultural specialties (018) .....	1	-	3	-	1	3	-	-
General farms, primarily crop (019) .....	6	12	1	8	22	4	2	-
Livestock, except dairy, poultry, and animal specialties (021) .....	531	299	151	170	616	435	141	128
Beef cattle, except feedlots (0212) .....	22	155	4	8	114	59	11	3
Dairy farms (024) .....	16	10	3	23	397	5	10	2
Poultry and eggs (025) .....	21	-	4	1	6	9	6	4
Animal specialties (027) .....	2	-	1	-	3	8	-	3
General farms, primarily livestock and animal specialties (029) .....	7	4	2	8	66	3	11	5
<b>FARMS BY SIZE</b>								
1 to 9 acres .....	47	8	42	23	59	38	22	17
1987 .....	48	12	51	29	47	41	24	30
1982 .....	38	5	16	8	42	42	16	19
10 to 49 acres .....	51	16	18	18	40	37	23	22
1987 .....	19	6	9	8	19	16	8	10
1982 .....	24	7	15	8	35	31	15	5
70 to 99 acres .....	51	11	62	38	51	30	23	31
1987 .....	73	15	62	47	61	67	32	38
1982 .....	68	19	63	42	120	48	24	40
100 to 139 acres .....	71	20	65	42	144	76	44	41
1987 .....	88	37	106	78	210	86	53	81
1982 .....	104	50	118	103	209	133	82	98
140 to 179 acres .....	66	31	64	39	153	75	24	40
1987 .....	73	29	79	39	171	85	52	49
1982 .....	74	35	68	42	125	83	39	50
220 to 259 acres .....	81	60	105	79	166	94	55	77
260 to 499 acres .....	284	155	321	197	391	310	165	253
1987 .....	306	212	370	236	425	374	185	335
1982 .....	167	162	223	131	123	224	143	199
500 to 999 acres .....	159	162	216	105	137	222	130	189
1987 .....	27	38	55	26	14	61	23	52
1982 .....	27	28	45	23	13	55	19	37
2,000 acres or more .....	2	5	5	3	-	8	-	4
1987 .....	3	5	2	2	1	12	2	6
1982 .....								
<b>TENURE OF OPERATOR</b>								
Full owners .....	354	222	292	167	666	348	166	206
farms, 1987 .....	411	303	293	238	685	462	202	226
1982 .....	77 733	79 991	62 993	37 728	144 026	90 963	35 932	47 398
acres, 1987 .....	93 485	103 220	59 408	52 364	144 936	123 541	41 882	50 843
1982 .....								
Part owners .....	375	222	432	304	401	425	269	369
farms, 1987 .....	393	232	531	310	500	457	309	432
1982 .....	173 976	135 915	228 948	154 779	152 304	247 342	140 523	214 160
acres, 1987 .....	181 242	128 865	248 752	144 249	180 659	239 583	147 236	219 184
1982 .....								
Tenants .....	202	68	310	164	241	248	105	221
farms, 1987 .....	216	81	322	183	264	308	152	269
1982 .....	58 819	37 419	115 336	44 867	56 384	94 580	38 921	79 579
acres, 1987 .....	54 984	37 100	103 078	45 709	59 697	99 779	40 487	88 581
1982 .....								
<b>OPERATOR CHARACTERISTICS</b>								
Operators by place of residence:								
On farm operated .....	719	399	712	491	1 084	760	440	586
1987 .....	826	480	849	542	1 195	897	510	711
1982 .....	163	84	269	116	156	207	82	171
Not on farm operated .....	120	82	221	114	151	216	109	163
1987 .....	49	29	53	28	68	54	18	39
1982 .....	74	54	76	75	103	114	44	53
Not reported .....								
Operators by principal occupation:								
Farming .....	784	432	833	535	1 124	828	473	668
1987 .....	856	537	1 001	642	1 295	1 040	575	804
1982 .....	147	80	201	100	184	193	67	128
Other .....	164	79	145	89	154	187	88	123
1987 .....								
1982 .....								
Operators by days of work off farm:								
None .....	523	257	528	355	836	566	307	430
1987 .....	566	338	611	389	861	654	347	513
1982 .....	327	187	423	236	382	380	194	324
Any .....	358	193	413	249	426	426	246	333
1987 .....	83	71	124	69	109	97	66	120
1982 .....	141	69	154	101	186	148	112	143
1 to 49 days .....	30	8	54	23	34	32	23	45
1987 .....	24	19	37	23	39	45	23	39
1982 .....	35	21	43	30	27	41	18	29
50 to 99 days .....	29	20	43	21	30	28	11	21
1987 .....								
1982 .....								

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>OPERATOR CHARACTERISTICS—</b>							
Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days .....	1987.. 2 751	23	15	22	27	22	31
.....	1982.. 2 529	20	13	29	24	29	29
200 days or more .....	1987.. 14 007	117	83	92	98	105	232
.....	1982.. 13 469	119	70	85	110	87	204
Not reported .....	1987.. 5 863	67	42	55	44	50	83
.....	1982.. 9 500	76	82	95	56	95	122
1987 operators by years on present farm:							
2 years or less .....	4 034	46	21	57	24	33	68
3 or 4 years .....	4 289	30	30	51	21	40	63
5 to 9 years .....	10 278	76	62	92	41	84	154
10 years or more .....	54 138	536	340	561	355	445	772
Average years on present farm .....	20.4	21.5	22.0	20.3	23.1	19.7	19.7
Not reported .....	9 892	84	64	105	70	104	123
1987 operators by age group:							
Under 25 years .....	2 199	21	16	8	6	26	35
25 to 34 years .....	14 640	131	80	166	65	138	224
35 to 44 years .....	16 733	140	83	204	72	149	256
45 to 54 years .....	17 003	147	89	188	99	151	262
55 to 64 years .....	20 744	208	140	190	118	157	267
65 years and over .....	11 312	125	109	110	151	85	136
Average age .....	48.7	50.0	51.3	47.8	54.2	47.3	47.4
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	farms, 1987.. 68 845	642	418	677	439	618	977
.....	1982.. 77 851	735	519	769	424	701	1 074
.....	acres, 1987.. 23 749 442	270 402	172 834	222 343	168 707	213 190	317 746
.....	1982.. 24 506 840	268 146	198 600	261 637	159 472	220 700	334 565
Partnership .....	farms, 1987.. 9 349	90	83	175	60	75	131
.....	1982.. 11 450	133	60	162	74	78	176
.....	acres, 1987.. 3 671 569	36 999	40 080	67 318	26 885	37 944	47 816
.....	1982.. 4 278 694	53 029	29 888	61 923	30 226	52 086	56 776
Corporation:							
Family held .....	farms, 1987.. 3 845	36	15	8	11	6	65
.....	1982.. 3 571	27	18	12	13	10	62
.....	acres, 1987.. 2 543 963	(D)	(D)	(D)	(D)	(D)	(D)
.....	1982.. 2 389 074	(D)	(D)	(D)	(D)	3 706	(D)
Other than family held .....	farms, 1987.. 250	-	-	2	-	3	2
.....	1982.. 336	1	-	3	1	3	2
.....	acres, 1987.. 86 393	-	-	(D)	-	(D)	(D)
.....	1982.. 133 159	(D)	-	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ....	farms, 1987.. 342	4	1	4	1	4	5
.....	1982.. 304	-	1	1	2	2	7
.....	acres, 1987.. 106 832	(D)	(D)	(D)	(D)	(D)	(D)
.....	1982.. 78 527	-	(D)	(D)	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses .....	farms.. 82 647	770	518	864	508	707	1 183
.....	\$1,000.. 6 516 385	52 088	25 433	53 910	16 883	59 209	103 410
Livestock and poultry purchased .....	farms.. 40 253	446	180	560	243	351	566
.....	\$1,000.. 1 346 860	8 382	3 855	6 930	3 053	14 451	25 715
Feed for livestock and poultry .....	farms.. 54 514	584	396	801	386	495	787
.....	\$1,000.. 1 092 412	7 977	3 231	10 515	1 663	10 621	13 765
Commercially mixed formula feeds .....	farms.. 29 316	254	182	635	125	219	394
.....	\$1,000.. 472 686	2 871	1 562	5 504	284	3 229	6 649
Seeds, bulbs, plants, and trees .....	farms.. 76 710	723	498	829	417	640	1 119
.....	\$1,000.. 302 401	2 932	1 556	1 807	837	2 418	4 445
Commercial fertilizer .....	farms.. 73 196	677	439	763	404	604	1 067
.....	\$1,000.. 459 606	4 183	2 272	2 986	1 578	4 061	7 771
Agricultural chemicals .....	farms.. 74 725	707	473	773	386	574	1 122
.....	\$1,000.. 304 487	2 824	1 500	1 242	833	2 383	4 812
Petroleum products .....	farms.. 80 999	756	518	839	496	687	1 147
.....	\$1,000.. 304 536	2 548	1 688	2 823	1 128	2 766	4 553
Electricity .....	farms.. 75 154	745	473	812	434	666	1 107
.....	\$1,000.. 120 904	915	609	1 744	282	1 142	1 855
Hired farm labor .....	farms.. 44 716	423	316	517	207	365	638
.....	\$1,000.. 280 602	1 599	957	2 844	719	2 084	3 868
Contract labor .....	farms.. 7 032	81	64	107	35	51	114
.....	\$1,000.. 20 485	284	94	302	113	299	392
Repair and maintenance .....	farms.. 75 830	736	468	808	476	656	1 084
.....	\$1,000.. 393 118	3 665	2 028	4 333	1 475	3 415	5 836
Customwork, machine hire, and rental of machinery and equipment .....	farms.. 49 313	476	316	565	240	372	695
.....	\$1,000.. 128 322	1 065	745	925	345	977	2 001
Interest .....	farms.. 58 282	518	388	653	279	475	833
.....	\$1,000.. 561 575	5 930	2 295	5 777	1 575	4 775	8 876
Cash rent .....	farms.. 39 119	297	215	403	137	351	639
.....	\$1,000.. 489 057	2 934	1 005	3 168	706	4 695	9 518
Property taxes .....	farms.. 67 238	693	438	727	483	573	945
.....	\$1,000.. 212 292	2 319	1 077	1 745	1 197	1 698	3 214
All other farm production expenses .....	farms.. 82 616	770	518	864	508	707	1 183
.....	\$1,000.. 499 729	4 532	2 520	6 770	1 380	3 425	6 692

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>OPERATOR CHARACTERISTICS—</b>							
<b>Con.</b>							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days..... 1987..	42	30	37	51	28	33	31
..... 1982..	44	32	32	41	29	28	22
200 days or more..... 1987..	260	143	200	189	143	172	115
..... 1982..	286	136	223	206	122	215	111
Not reported..... 1987..	50	35	57	80	67	79	68
..... 1982..	75	89	81	100	98	111	132
1987 operators by years on present farm:							
2 years or less.....	51	31	45	75	38	53	40
3 or 4 years.....	53	32	56	73	49	54	60
5 to 9 years.....	124	99	111	139	109	153	113
10 years or more.....	639	555	555	685	671	688	539
Average years on present farm.....	19.9	21.3	18.7	18.8	20.7	19.8	19.9
Not reported.....	92	80	82	123	106	137	113
1987 operators by age group:							
Under 25 years.....	23	14	23	40	17	41	12
25 to 34 years.....	157	126	169	209	188	182	158
35 to 44 years.....	202	178	199	256	206	201	189
45 to 54 years.....	209	142	193	221	175	230	174
55 to 64 years.....	266	219	179	247	257	274	222
65 years and over.....	102	118	86	122	130	137	110
Average age.....	48.4	48.5	46.6	47.0	48.5	48.5	48.5
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship)..... farms, 1987..	767	628	748	926	802	915	737
..... 1982..	822	762	858	983	890	1 062	888
..... acres, 1987..	216 008	233 969	190 275	262 309	278 391	260 661	284 985
..... 1982..	204 589	246 697	196 702	262 759	273 714	266 724	294 468
Partnership..... farms, 1987..	118	69	63	117	111	97	88
..... 1982..	133	79	94	131	128	100	106
..... acres, 1987..	(D)	26 355	15 639	36 578	43 079	27 874	31 349
..... 1982..	37 488	25 736	18 143	37 286	53 213	29 096	41 659
Corporation:							
Family held..... farms, 1987..	66	89	33	40	52	46	38
..... 1982..	74	74	43	35	48	43	18
..... acres, 1987..	(D)	(D)	(D)	25 770	(D)	(D)	(D)
..... 1982..	(D)	(D)	23 590	(D)	(D)	(D)	8 527
Other than family held..... farms, 1987..	4	5	1	6	2	4	-
..... 1982..	4	4	1	3	2	6	1
..... acres, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)
..... 1982..	2 626	1 363	(D)	53	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc..... farms, 1987..	4	6	4	6	6	3	2
..... 1982..	3	2	3	2	11	3	6
..... acres, 1987..	(D)	(D)	(D)	(D)	1 353	760	(D)
..... 1982..	(D)	(D)	(D)	(D)	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses..... farms..	953	798	850	1 094	972	1 069	865
..... \$1,000..	74 414	63 381	57 503	81 868	99 060	82 037	64 595
Livestock and poultry purchased..... farms..	438	290	435	550	480	557	365
..... \$1,000..	10 271	10 800	7 572	13 146	20 768	15 091	13 806
Feed for livestock and poultry..... farms..	574	293	596	704	588	706	415
..... \$1,000..	13 083	7 161	9 325	12 795	25 349	15 385	10 285
Commercially mixed formula feeds..... farms..	343	174	389	457	268	388	210
..... \$1,000..	6 725	2 657	4 689	4 681	15 456	6 277	3 930
Seeds, bulbs, plants, and trees..... farms..	875	768	781	1 035	888	1 004	815
..... \$1,000..	3 600	3 741	3 129	4 117	3 728	3 741	3 532
Commercial fertilizer..... farms..	832	760	732	990	891	953	796
..... \$1,000..	5 312	5 264	4 715	7 067	5 374	5 925	5 234
Agricultural chemicals..... farms..	833	749	756	991	903	989	809
..... \$1,000..	3 899	3 879	3 119	4 315	3 532	4 225	3 527
Petroleum products..... farms..	944	790	839	1 073	909	1 066	842
..... \$1,000..	3 384	3 083	2 927	4 118	3 758	3 588	3 017
Electricity..... farms..	874	735	805	943	878	963	754
..... \$1,000..	1 393	958	1 188	1 618	1 564	1 455	(D)
Hired farm labor..... farms..	509	443	417	610	535	628	502
..... \$1,000..	3 988	3 598	1 872	3 315	5 197	3 071	2 674
Contract labor..... farms..	125	65	49	99	62	71	73
..... \$1,000..	432	197	115	337	311	162	(D)
Repair and maintenance..... farms..	828	778	825	987	889	981	751
..... \$1,000..	4 612	3 797	3 914	4 832	5 390	4 660	4 001
Customwork, machine hire, and rental of machinery and equipment..... farms..	616	421	522	618	571	700	508
..... \$1,000..	1 695	1 088	1 442	1 455	1 651	2 119	1 114
Interest..... farms..	635	600	677	791	695	766	610
..... \$1,000..	6 351	5 564	5 981	8 010	6 821	6 786	5 894
Cash rent..... farms..	496	408	404	539	538	538	418
..... \$1,000..	7 860	6 540	5 446	7 785	5 856	6 937	4 054
Property taxes..... farms..	771	579	705	901	750	897	688
..... \$1,000..	2 564	2 081	2 330	3 244	2 090	2 549	1 838
All other farm production expenses..... farms..	953	798	850	1 094	972	1 069	865
..... \$1,000..	5 869	5 632	4 427	5 713	7 671	6 343	4 485

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>OPERATOR CHARACTERISTICS—</b>							
Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days .....	1987-- 34	20	30	29	22	25	28
	1982-- 25	24	27	25	21	28	25
200 days or more .....	1987-- 171	135	132	129	133	152	69
	1982-- 135	105	126	145	132	155	77
Not reported .....	1987-- 67	59	66	50	58	51	39
	1982-- 148	91	113	90	123	105	45
1987 operators by years on present farm:							
2 years or less .....	63	41	57	50	41	49	21
3 or 4 years .....	92	44	48	43	60	44	21
5 to 9 years .....	171	96	113	95	134	92	52
10 years or more .....	703	512	669	472	594	526	296
Average years on present farm .....	18.4	20.4	20.3	18.8	20.1	19.6	21.4
Not reported .....	151	80	81	93	110	113	57
1987 operators by age group:							
Under 25 years .....	46	38	26	27	21	31	12
25 to 34 years .....	272	127	167	147	191	179	60
35 to 44 years .....	237	160	227	168	181	159	78
45 to 54 years .....	219	155	189	144	174	157	87
55 to 64 years .....	291	170	239	199	258	213	129
65 years and over .....	115	123	120	68	114	85	81
Average age .....	46.2	48.7	48.2	47.0	48.3	47.0	51.3
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) .....	991	657	794	629	787	703	397
acres, 1987--	1 090	739	908	718	906	785	434
acres, 1982--	298 609	268 969	250 601	240 085	273 956	217 013	176 845
Partnership .....	295 740	266 162	245 078	245 611	277 507	221 549	167 085
farms, 1987--	119	84	99	63	112	88	39
farms, 1982--	124	114	142	100	130	105	58
acres, 1987--	36 528	36 636	40 637	(D)	37 641	24 369	17 451
acres, 1982--	36 057	50 277	45 337	38 863	39 988	31 601	35 388
Corporation:							
Family held .....	59	19	71	54	35	25	9
farms, 1987--	54	26	75	44	22	24	10
farms, 1982--	(D)	(D)	(D)	(D)	(D)	(D)	(D)
acres, 1987--	(D)	18 975	51 095	32 629	(D)	(D)	(D)
acres, 1982--	3	5	1	6	2	3	-
Other than family held .....	9	1	1	7	4	3	3
farms, 1987--	(D)	2 166	(D)	(D)	(D)	1 771	-
farms, 1982--	1 819	(D)	(D)	3 159	498	(D)	1 486
Other—cooperative, estate or trust, institutional, etc. ....	8	8	3	1	3	5	2
farms, 1987--	3	4	4	5	2	3	1
farms, 1982--	1 207	(D)	757	(D)	(D)	(D)	(D)
acres, 1987--	(D)	(D)	(D)	2 103	(D)	(D)	(D)
acres, 1982--							
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses .....	1 183	772	965	754	940	826	443
\$1,000--	121 056	61 334	83 408	60 820	87 320	66 218	19 506
Livestock and poultry purchased .....	639	424	473	306	480	428	202
farms, 1987--	42 566	16 221	16 855	4 625	26 381	13 076	(D)
\$1,000--	813	532	670	407	536	541	385
Feed for livestock and poultry .....	23 984	7 920	13 061	9 063	13 410	9 442	2 862
\$1,000--	344	302	402	234	257	342	144
Commercially mixed formula feeds .....	7 752	3 554	6 512	4 646	5 364	4 983	504
\$1,000--	1 103	704	932	715	889	810	420
Seeds, bulbs, plants, and trees .....	3 579	3 015	4 051	3 493	3 359	3 416	1 185
\$1,000--	1 025	637	912	673	866	788	388
Commercial fertilizer .....	5 473	3 994	6 056	5 416	4 537	5 451	1 718
\$1,000--	1 053	680	931	687	881	800	403
Agricultural chemicals .....	3 161	2 908	4 508	3 617	3 183	3 352	1 178
\$1,000--	1 161	741	958	754	912	825	428
Petroleum products .....	4 305	2 909	3 602	3 919	3 402	3 293	1 405
\$1,000--	1 061	895	873	654	871	772	409
Electricity .....	1 794	983	1 478	1 093	1 594	1 380	(D)
\$1,000--	666	355	411	419	506	441	207
Hired farm labor .....	4 430	2 167	2 677	2 827	2 974	2 579	510
\$1,000--	72	72	84	78	93	49	28
Contract labor .....	238	100	301	121	191	143	(D)
\$1,000--	1 074	689	900	676	885	781	398
Repair and maintenance .....	5 929	4 312	4 437	3 749	4 417	4 231	1 513
\$1,000--	752	450	627	437	596	498	278
Customwork, machine hire, and rental of machinery and equipment .....	1 793	1 197	1 505	1 907	2 038	1 086	423
\$1,000--	885	543	724	522	675	588	327
Interest .....	8 029	4 684	8 043	6 049	6 426	5 867	2 349
\$1,000--	489	397	536	457	513	491	185
Cash rent .....	6 047	4 290	7 951	7 876	6 287	5 078	1 035
\$1,000--	958	654	770	559	722	707	402
Property taxes .....	3 011	2 175	3 010	1 948	2 127	2 709	942
\$1,000--	1 183	772	965	754	940	826	443
All other farm production expenses .....	6 717	4 458	5 874	5 119	6 994	5 116	1 603
\$1,000--							

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>OPERATOR CHARACTERISTICS—</b>							
Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days ----- 1987..	21	43	41	26	43	27	19
----- 1982..	17	29	42	29	34	18	22
200 days or more ----- 1987..	108	176	220	207	162	115	109
----- 1982..	102	151	209	211	176	124	78
Not reported ----- 1987..	58	74	82	92	51	49	29
----- 1982..	87	116	125	142	78	58	55
1987 operators by years on present farm:							
2 years or less -----	36	96	78	64	38	30	23
3 or 4 years -----	30	86	50	64	35	18	24
5 to 9 years -----	96	181	147	123	77	90	47
10 years or more -----	502	884	741	684	484	342	301
Average years on present farm -----	20.4	19.2	19.3	19.8	21.5	19.9	20.9
Not reported -----	91	136	130	169	101	63	51
1987 operators by age group:							
Under 25 years -----	11	40	46	44	23	12	6
25 to 34 years -----	143	283	215	208	107	102	47
35 to 44 years -----	152	311	227	228	140	98	88
45 to 54 years -----	143	305	276	244	143	134	95
55 to 64 years -----	203	293	266	261	194	113	139
65 years and over -----	103	151	116	119	128	84	71
Average age -----	48.9	46.8	47.2	47.3	50.3	49.2	51.8
<b>TYPE OF ORGANIZATION</b>							
Individual or family (sole proprietorship) ----- farms, 1987..	639	1 067	956	966	603	486	373
----- 1982..	781	1 148	1 080	1 132	746	525	427
----- acres, 1987..	252 670	311 272	287 090	324 234	224 781	183 952	172 590
----- 1982..	271 179	328 011	309 708	346 199	248 956	196 544	199 079
Partnership ----- farms, 1987..	60	279	114	103	77	45	57
----- 1982..	108	256	151	128	98	67	65
----- acres, 1987..	(D)	90 444	(D)	38 187	34 074	29 795	(D)
----- 1982..	41 151	82 635	46 392	44 932	39 924	38 518	(D)
Corporation:							
Family held ----- farms, 1987..	50	30	69	31	48	8	14
----- 1982..	46	22	63	31	44	11	17
----- acres, 1987..	(D)	17 335	(D)	23 945	(D)	(D)	(D)
----- 1982..	29 203	(D)	(D)	(D)	40 402	(D)	(D)
Other than family held ----- farms, 1987..	3	3	6	3	2	3	2
----- 1982..	3	5	6	3	3	1	1
----- acres, 1987..	(D)	2 888	(D)	(D)	(D)	(D)	(D)
----- 1982..	(D)	(D)	356	51	2 202	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	3	4	1	1	5	1	-
----- 1982..	5	2	3	7	5	1	2
----- acres, 1987..	(D)	881	(D)	(D)	1 564	(D)	-
----- 1982..	(D)	(D)	(D)	(D)	1 336	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>							
Total farm production expenses ----- farms..	757	1 381	1 147	1 101	731	536	444
----- \$1,000..	66 588	99 133	91 272	85 008	52 453	24 911	26 728
Livestock and poultry purchased ----- farms..	353	699	571	683	241	306	232
----- \$1,000..	16 678	13 052	18 495	21 584	7 131	3 638	5 951
Feed for livestock and poultry ----- farms..	458	1 176	726	840	329	454	349
----- \$1,000..	11 191	21 729	11 168	13 689	4 662	4 986	4 400
Commercially mixed formula feeds ----- farms..	255	906	397	340	142	176	136
----- \$1,000..	4 230	11 858	4 221	4 142	1 648	1 896	1 161
Seeds, bulbs, plants, and trees ----- farms..	690	1 261	1 095	999	704	508	380
----- \$1,000..	3 276	3 741	4 347	3 613	3 038	1 353	1 069
Commercial fertilizer ----- farms..	665	1 158	1 065	950	681	465	356
----- \$1,000..	4 664	6 110	7 759	5 803	4 380	2 113	1 923
Agricultural chemicals ----- farms..	683	1 146	1 085	957	682	494	362
----- \$1,000..	3 035	3 156	4 518	3 023	3 247	1 176	1 302
Petroleum products ----- farms..	729	1 354	1 115	1 093	723	536	436
----- \$1,000..	3 026	4 914	4 075	3 803	2 526	1 350	1 410
Electricity ----- farms..	733	1 308	1 049	987	560	457	370
----- \$1,000..	1 074	3 108	1 741	(D)	863	605	450
Hired farm labor ----- farms..	413	679	641	664	338	279	206
----- \$1,000..	2 450	4 007	3 289	3 396	2 661	632	1 099
Contract labor ----- farms..	62	90	102	130	79	58	21
----- \$1,000..	93	140	114	(D)	269	176	93
Repair and maintenance ----- farms..	726	1 283	1 061	1 038	625	477	406
----- \$1,000..	4 328	7 915	4 989	4 674	3 058	1 788	2 117
Customwork, machine hire, and rental of machinery and equipment ----- farms..	493	849	759	764	417	298	273
----- \$1,000..	1 231	2 267	2 140	1 626	1 219	351	484
Interest ----- farms..	552	1 053	823	798	492	387	239
----- \$1,000..	5 299	10 064	8 050	7 744	5 740	2 435	1 979
Cash rent ----- farms..	307	488	610	505	379	202	175
----- \$1,000..	3 903	5 036	9 621	6 439	5 989	802	1 174
Property taxes ----- farms..	806	1 199	873	891	571	498	361
----- \$1,000..	1 952	4 080	3 070	2 481	2 412	1 239	960
All other farm production expenses ----- farms..	757	1 381	1 147	1 101	731	536	444
----- \$1,000..	4 390	9 794	6 896	5 409	5 358	2 264	2 316

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	1987.. 33	15	16	41	12	37	31	25
	1982.. 26	36	12	50	20	31	35	28
200 days or more .....	1987.. 166	132	67	235	58	194	153	136
	1982.. 134	115	61	183	51	182	134	144
Not reported .....	1987.. 103	42	46	82	40	84	37	64
	1982.. 137	55	55	159	74	138	79	119
1987 operators by years on present farm:								
2 years or less .....	71	14	26	49	23	77	50	43
3 or 4 years .....	92	31	44	94	24	66	37	42
5 to 9 years .....	182	57	44	201	56	146	104	114
10 years or more .....	795	351	318	868	354	878	497	592
Average years on present farm .....	17.7	23.2	20.3	19.3	19.4	20.2	19.8	20.6
Not reported .....	138	65	65	172	65	133	89	104
1987 operators by age group:								
Under 25 years .....	55	17	17	19	11	29	22	21
25 to 34 years .....	304	78	84	278	98	228	137	178
35 to 44 years .....	249	102	101	310	135	267	154	166
45 to 54 years .....	315	99	95	335	82	309	165	186
55 to 64 years .....	271	100	133	317	133	314	199	236
65 years and over .....	84	122	67	125	63	153	100	108
Average age .....	45.1	50.7	48.6	47.0	47.8	48.2	48.4	48.4
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....								
farms, 1987..	1 062	412	420	1 110	465	1 057	644	751
farms, 1982..	1 115	461	478	1 184	545	1 131	713	885
acres, 1987..	271 578	148 140	160 259	240 981	188 893	309 012	218 442	273 144
acres, 1982..	275 057	157 929	178 604	257 976	202 276	322 557	218 378	287 667
Partnership .....								
farms, 1987..	170	48	42	252	39	179	66	81
farms, 1982..	171	69	62	225	57	173	93	99
acres, 1987..	46 899	(D)	(D)	62 208	(D)	56 686	(D)	32 516
acres, 1982..	48 499	30 356	(D)	54 673	23 274	53 458	31 836	36 809
Corporation:								
Family held .....								
farms, 1987..	40	55	30	17	16	55	60	54
farms, 1982..	31	48	26	12	20	53	53	51
acres, 1987..	(D)	25 836	23 824	7 720	(D)	(D)	42 264	(D)
acres, 1982..	19 932	24 400	20 196	(D)	15 425	42 075	39 514	33 094
Other than family held .....								
farms, 1987..	2	-	-	3	2	4	3	5
farms, 1982..	2	-	4	6	3	4	4	8
acres, 1987..	(D)	-	(D)	(D)	(D)	447	444	1 973
acres, 1982..	(D)	-	(D)	1 768	137	(D)	1 284	4 011
Other—cooperative, estate or trust, institutional, etc. ....								
farms, 1987..	4	3	5	2	-	5	4	4
farms, 1982..	8	5	-	7	3	2	3	5
acres, 1987..	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
acres, 1982..	(D)	790	-	(D)	364	(D)	401	961
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....								
farms..	1 276	512	498	1 390	564	1 296	779	896
\$1,000..	121 933	31 588	44 909	111 447	38 554	99 258	56 988	79 581
Livestock and poultry purchased .....								
farms..	855	213	192	909	192	712	323	375
\$1,000..	18 732	3 335	12 878	23 372	6 796	14 806	8 095	12 021
Feed for livestock and poultry .....								
farms..	1 099	278	298	1 275	232	936	412	494
\$1,000..	32 372	3 729	6 737	26 639	4 128	17 303	7 780	14 159
Commercially mixed formula feeds .....								
farms..	782	155	168	936	106	646	223	310
\$1,000..	15 500	2 108	2 432	13 718	1 332	8 291	3 319	7 597
Seeds, bulbs, plants, and trees .....								
farms..	1 177	483	467	1 252	547	1 212	751	816
\$1,000..	3 987	2 014	1 924	3 025	2 315	4 349	3 345	3 931
Commercial fertilizer .....								
farms..	1 135	449	435	1 153	532	1 171	717	781
\$1,000..	7 309	3 081	2 654	5 395	3 453	7 427	4 598	6 006
Agricultural chemicals .....								
farms..	1 145	465	453	1 200	526	1 159	739	809
\$1,000..	3 529	2 208	2 092	2 093	2 234	4 322	3 258	4 530
Petroleum products .....								
farms..	1 256	504	480	1 379	557	1 265	772	891
\$1,000..	5 893	1 622	1 989	5 049	2 245	4 807	3 179	3 831
Electricity .....								
farms..	1 192	432	472	1 318	485	1 209	711	843
\$1,000..	3 108	531	692	2 907	689	2 289	1 081	1 319
Hired farm labor .....								
farms..	794	238	229	844	340	778	468	484
\$1,000..	4 804	1 220	1 900	5 591	1 347	4 675	2 899	3 496
Contract labor .....								
farms..	85	49	62	108	56	89	98	37
\$1,000..	335	75	(D)	318	167	219	210	176
Repair and maintenance .....								
farms..	1 182	457	446	1 317	512	1 185	752	808
\$1,000..	8 158	2 150	2 338	6 494	2 533	7 110	3 745	4 472
Customwork, machine hire, and rental of machinery and equipment .....								
farms..	891	306	310	902	264	842	443	554
\$1,000..	1 776	959	(D)	1 871	700	2 311	1 150	2 337
Interest .....								
farms..	921	260	311	894	417	923	603	679
\$1,000..	11 159	2 889	3 386	9 125	3 146	10 450	5 398	7 069
Cash rent .....								
farms..	502	262	325	538	306	505	449	483
\$1,000..	6 819	3 711	3 886	5 295	4 733	7 633	5 502	8 121
Property taxes .....								
farms..	984	401	364	1 117	397	1 096	630	697
\$1,000..	3 662	1 625	932	3 052	1 114	3 756	2 086	2 220
All other farm production expenses .....								
farms..	1 275	512	498	1 390	564	1 296	778	896
\$1,000..	10 290	2 437	2 774	11 123	2 957	7 803	4 663	5 892

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	1987 .. 13	21	28	30	27	34	35	22
.....	1982 .. 22	18	18	20	24	25	30	27
200 days or more .....	1987 .. 71	98	160	145	138	150	162	114
.....	1982 .. 61	133	169	141	122	98	153	105
Not reported .....	1987 .. 38	49	57	76	64	64	49	64
.....	1982 .. 66	94	102	85	102	101	72	103
1987 operators by years on present farm:								
2 years or less .....	25	31	56	34	36	41	50	34
3 or 4 years .....	12	39	41	46	30	44	43	47
5 to 9 years .....	70	83	133	90	121	116	120	103
10 years or more .....	397	532	580	480	590	633	611	528
Average years on present farm .....	22.2	22.2	19.1	21.0	20.4	20.6	20.7	21.4
Not reported .....	74	94	98	85	104	94	97	113
1987 operators by age group:								
Under 25 years .....	8	15	25	17	18	26	21	16
25 to 34 years .....	91	131	153	108	160	168	172	148
35 to 44 years .....	116	148	196	155	172	192	190	157
45 to 54 years .....	96	135	219	135	180	208	194	147
55 to 64 years .....	144	232	214	198	232	237	213	205
65 years and over .....	123	118	101	122	119	97	131	152
Average age .....	51.4	50.1	48.0	50.2	49.0	48.0	48.4	50.1
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....								
farms, 1987 ..	446	629	728	625	738	788	765	715
.....	1982 .. 515	740	831	733	875	904	845	831
acres, 1987 ..	224 353	264 358	219 598	242 825	256 410	276 788	263 786	314 027
.....	1982 .. 227 655	264 466	219 488	253 277	277 407	274 894	259 237	332 965
Partnership .....								
farms, 1987 ..	92	81	94	81	77	93	85	81
.....	1982 .. 84	94	99	85	105	143	99	87
acres, 1987 ..	41 131	(D)	29 683	34 174	42 874	38 406	(D)	33 092
.....	1982 .. 40 671	40 912	29 814	40 464	44 652	47 866	42 061	40 051
Corporation:								
Family held .....								
farms, 1987 ..	32	62	76	21	57	37	63	24
.....	1982 .. 33	57	72	19	44	32	73	26
acres, 1987 ..	(D)	(D)	64 441	(D)	40 232	23 518	35 209	26 573
.....	1982 .. 31 298	43 706	62 583	13 882	29 802	(D)	45 759	20 898
Other than family held .....								
farms, 1987 ..	3	2	7	2	2	4	6	3
.....	1982 .. 1	6	7	2	3	5	7	4
acres, 1987 ..	(D)	(D)	1 820	(D)	(D)	595	459	(D)
.....	1982 .. (D)	(D)	(D)	(D)	426	385	1 470	(D)
Other—cooperative, estate or trust, institutional, etc. ....								
farms, 1987 ..	5	5	3	6	7	6	2	2
.....	1982 .. 2	3	4	2	6	2	3	3
acres, 1987 ..	1 536	(D)	682	(D)	(D)	1 283	(D)	(D)
.....	1982 .. (D)	(D)	(D)	(D)	1 986	(D)	571	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....								
farms ..	576	782	910	728	883	935	916	827
.....	\$1,000 .. 46 591	58 608	91 453	42 773	96 589	73 631	89 966	56 395
Livestock and poultry purchased .....	172	223	381	349	309	419	407	325
farms ..	10 575	7 670	21 463	7 191	17 463	11 928	18 028	9 864
.....	\$1,000 .. 264	349	531	507	381	496	544	447
Feed for livestock and poultry .....	\$1,000 .. 5 303	6 627	12 488	5 587	26 143	10 786	15 008	5 680
.....	\$1,000 .. 114	182	268	202	212	302	286	225
Commercially mixed formula feeds .....	farms .. 1 275	2 984	5 050	1 815	20 152	5 489	5 303	1 867
.....	\$1,000 .. 528	746	844	656	838	874	851	740
Seeds, bulbs, plants, and trees .....	\$1,000 .. 2 925	3 544	3 703	2 060	3 664	4 053	4 140	3 616
Commercial fertilizer .....	farms .. 522	721	816	612	800	843	813	728
.....	\$1,000 .. 3 226	5 154	6 002	3 339	5 146	6 211	5 804	5 555
Agricultural chemicals .....	farms .. 524	708	849	660	812	818	818	729
.....	\$1,000 .. 2 758	3 860	4 886	2 553	4 060	4 109	4 496	3 857
Petroleum products .....	farms .. 560	755	895	722	873	914	893	791
.....	\$1,000 .. 2 518	3 223	3 874	2 581	4 140	4 005	3 678	3 166
Electricity .....	farms .. 534	752	793	622	788	860	815	743
.....	\$1,000 .. 815	1 044	(D)	878	1 607	1 313	1 487	1 299
Hired farm labor .....	farms .. 338	490	493	326	506	590	573	460
.....	\$1,000 .. 2 892	3 224	3 799	1 366	5 170	3 229	3 818	2 531
Contract labor .....	farms .. 104	97	91	75	80	53	55	132
.....	\$1,000 .. 378	191	(D)	183	667	130	213	248
Repair and maintenance .....	farms .. 534	752	815	624	791	855	833	734
.....	\$1,000 .. 2 953	4 425	4 697	3 471	4 674	4 392	5 371	3 622
Customwork, machine hire, and rental of machinery and equipment .....	farms .. 343	522	589	410	472	575	570	502
.....	\$1,000 .. 1 088	1 908	2 284	1 183	995	1 565	1 854	1 323
Interest .....	farms .. 348	546	720	481	645	709	635	596
.....	\$1,000 .. 3 503	5 437	8 743	4 208	7 295	6 952	7 174	6 310
Cash rent .....	farms .. 137	370	540	288	471	558	531	266
.....	\$1,000 .. 1 815	4 789	9 505	2 608	6 333	7 238	8 987	2 884
Property taxes .....	farms .. 487	588	667	584	673	746	718	669
.....	\$1,000 .. 1 716	2 232	2 099	1 617	2 535	2 129	2 532	2 037
All other farm production expenses .....	farms .. 576	782	910	728	883	934	916	827
.....	\$1,000 .. 4 127	5 279	6 253	3 948	6 698	5 592	7 373	4 603

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ia	Iowa	Jackson	Jasper	Jefferson
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con. —</b>								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days ----- 1987..	29	21	16	21	26	38	30	19
----- 1982..	19	38	13	13	20	51	28	25
200 days or more ----- 1987..	128	111	117	116	136	201	223	97
----- 1982..	115	101	118	82	174	177	212	149
Not reported ----- 1987..	44	51	67	42	55	63	66	39
----- 1982..	71	74	63	105	85	95	121	47
1987 operators by years on present farm:								
2 years or less -----	12	38	26	45	31	74	37	20
3 or 4 years -----	32	34	20	53	34	38	50	15
5 to 9 years -----	69	90	99	101	103	146	146	55
10 years or more -----	416	527	455	396	587	636	748	364
Average years on present farm -----	21.7	21.0	20.8	17.9	21.7	19.4	21.4	22.4
Not reported -----	78	91	85	94	94	125	126	70
1987 operators by age group:								
Under 25 years -----	13	16	9	17	23	35	26	7
25 to 34 years -----	89	138	118	142	154	200	174	81
35 to 44 years -----	136	133	132	153	153	176	224	104
45 to 54 years -----	118	175	150	115	174	246	217	110
55 to 64 years -----	151	211	179	199	206	249	286	137
65 years and over -----	100	107	97	63	139	113	180	85
Average age -----	49.9	49.5	49.4	47.5	49.3	47.8	49.6	50.3
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987..	501	668	582	579	714	854	863	433
----- 1982..	594	758	663	649	808	959	1 014	550
acres, 1987..	170 395	214 142	223 008	205 885	238 250	256 734	303 006	163 587
----- 1982..	180 395	218 527	220 337	211 909	255 386	270 446	321 631	186 940
Partnership ----- farms, 1987..	53	92	68	81	94	130	180	61
----- 1982..	72	103	90	95	134	150	184	75
acres, 1987..	(D)	32 717	(D)	35 658	40 696	45 702	56 333	27 171
----- 1982..	21 985	34 014	38 999	31 823	48 017	44 773	70 675	26 286
Corporation:								
Family held ----- farms, 1987..	47	17	27	24	34	29	77	25
----- 1982..	40	23	20	23	21	25	67	24
acres, 1987..	(D)	12 469	(D)	(D)	(D)	16 251	48 639	(D)
----- 1982..	(D)	(D)	(D)	10 932	(D)	(D)	39 367	(D)
Other than family held ----- farms, 1987..	2	1	1	1	3	2	2	2
----- 1982..	2	1	2	4	3	4	6	4
acres, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- 1982..	(D)	(D)	(D)	387	25 175	-	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987..	4	2	7	4	6	4	5	3
----- 1982..	4	3	4	6	1	4	2	-
acres, 1987..	(D)	(D)	1 570	(D)	(D)	(D)	(D)	536
----- 1982..	(D)	(D)	623	670	(D)	(D)	(D)	-
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses ----- farms..	612	782	685	690	849	1 020	1 110	523
----- \$1,000..	43 294	51 088	52 296	60 981	69 210	71 841	82 551	31 660
Livestock and poultry purchased ----- farms..	282	388	221	376	487	665	498	240
----- \$1,000..	5 296	6 508	11 085	17 901	13 418	18 612	14 427	3 992
Feed for livestock and poultry ----- farms..	382	551	284	465	663	951	729	347
----- \$1,000..	8 938	8 404	6 225	7 964	11 454	12 877	14 886	4 063
Commercially mixed formula feeds ----- farms..	159	332	122	214	365	520	356	171
----- \$1,000..	5 243	4 171	1 545	2 872	4 923	5 813	4 716	1 365
Seeds, bulbs, plants, and trees ----- farms..	582	697	653	610	814	881	988	476
----- \$1,000..	2 044	2 603	3 029	2 629	3 113	2 203	4 150	1 831
Commercial fertilizer ----- farms..	589	674	640	599	741	897	916	470
----- \$1,000..	3 489	4 238	4 150	3 913	5 069	4 195	6 123	3 690
Agricultural chemicals ----- farms..	552	658	638	604	800	869	987	475
----- \$1,000..	2 505	3 103	3 051	2 634	3 281	1 779	4 308	1 872
Petroleum products ----- farms..	604	788	683	676	830	930	1 095	515
----- \$1,000..	2 038	2 823	2 440	2 302	3 042	3 080	3 840	2 053
Electricity ----- farms..	550	793	564	634	778	979	992	508
----- \$1,000..	698	1 135	752	1 014	1 193	1 560	1 675	627
Hired farm labor ----- farms..	330	410	366	481	416	505	625	281
----- \$1,000..	2 066	2 244	2 393	2 372	3 426	2 783	3 695	1 216
Contract labor ----- farms..	46	42	73	39	53	52	89	28
----- \$1,000..	86	55	167	94	137	55	211	75
Repair and maintenance ----- farms..	547	711	593	656	774	907	986	484
----- \$1,000..	2 619	3 345	3 149	3 229	4 453	4 670	5 097	2 320
Customwork, machine hire, and rental of machinery and equipment ----- farms..	319	397	320	424	526	643	614	265
----- \$1,000..	855	1 452	915	1 383	1 171	1 359	1 707	787
Interest ----- farms..	473	604	456	522	642	712	772	379
----- \$1,000..	4 535	5 200	4 648	4 630	6 382	6 435	6 792	2 852
Cash rent ----- farms..	271	308	342	388	385	452	544	170
----- \$1,000..	2 899	3 281	4 380	5 538	4 718	4 265	6 531	1 917
Property taxes ----- farms..	526	675	505	532	738	895	848	463
----- \$1,000..	2 062	2 218	1 603	1 402	2 810	2 333	3 264	1 568
All other farm production expenses ----- farms..	612	782	685	690	843	1 020	1 109	523
----- \$1,000..	3 183	4 478	4 311	3 978	5 542	5 634	5 846	2 796

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days..... 1987..	36	27	24	55	23	32	15	17
..... 1982..	33	24	24	43	14	40	21	17
200 days or more ..... 1987..	197	161	113	199	136	288	75	68
..... 1982..	219	169	130	172	175	310	80	82
Not reported ..... 1987..	59	54	65	105	36	80	39	29
..... 1982..	110	91	113	188	44	99	52	58
1987 operators by years on present farm:								
2 years or less.....	37	40	33	60	17	53	16	9
3 or 4 years.....	52	45	34	75	24	62	22	13
5 to 9 years.....	94	117	81	188	70	125	58	39
10 years or more.....	648	637	530	1 064	425	743	326	267
Average years on present farm.....	21.5	20.1	21.1	20.4	22.6	20.8	21.6	22.6
Not reported.....	136	90	95	187	72	127	65	54
1987 operators by age group:								
Under 25 years.....	38	22	7	59	9	19	14	7
25 to 34 years.....	155	132	155	301	93	153	75	39
35 to 44 years.....	207	220	164	326	118	226	90	82
45 to 54 years.....	197	220	147	338	138	233	107	70
55 to 64 years.....	232	226	206	397	158	287	124	103
65 years and over.....	138	109	94	153	92	192	77	81
Average age.....	48.5	48.8	48.5	47.4	49.8	50.7	50.0	52.8
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship)..... farms, 1987..								
..... 1982..	746	735	636	1 378	464	919	380	325
..... acres, 1987..	896	864	751	1 499	586	1 023	447	399
..... 1982..	200 756	217 892	250 068	496 855	158 981	246 643	140 987	140 922
..... acres, 1982..	223 978	239 119	239 102	493 700	170 886	254 142	150 807	148 951
Partnership..... farms, 1987..								
..... 1982..	156	126	100	135	96	118	60	42
..... acres, 1987..	173	143	163	193	102	162	79	62
..... 1982..	52 602	47 228	50 451	61 736	43 996	(D)	21 804	17 228
..... acres, 1982..	55 606	45 393	75 162	71 342	43 804	47 738	31 620	(D)
Corporation:								
Family held..... farms, 1987..								
..... 1982..	57	65	35	53	43	69	37	11
..... acres, 1987..	61	65	30	47	33	63	32	8
..... 1982..	29 513	41 431	22 954	(D)	26 890	44 360	(D)	(D)
..... acres, 1982..	30 954	(D)	18 555	(D)	28 733	(D)	(D)	(D)
Other than family held..... farms, 1987..								
..... 1982..	4	2	1	4	1	-	4	1
..... acres, 1987..	4	3	6	5	2	2	-	-
..... 1982..	976	(D)	(D)	(D)	(D)	-	(D)	(D)
..... acres, 1982..	(D)	2 094	(D)	(D)	(D)	(D)	-	-
Other—cooperative, estate or trust, institutional, etc..... farms, 1987..								
..... 1982..	4	1	1	4	4	4	6	3
..... acres, 1987..	1	3	2	3	3	7	2	-
..... 1982..	938	(D)	(D)	(D)	(D)	(D)	(D)	2 438
..... acres, 1982..	(D)	(D)	(D)	670	(D)	1 499	(D)	-
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses..... farms..								
..... \$1,000..	966	931	778	1 569	606	1 108	486	381
..... \$1,000..	71 828	91 566	61 111	123 151	42 401	74 632	32 927	17 955
Livestock and poultry purchased..... farms..								
..... \$1,000..	505	596	345	610	288	514	198	179
..... \$1,000..	11 040	24 312	7 508	18 505	7 620	12 123	3 026	1 723
Feed for livestock and poultry..... farms..								
..... \$1,000..	679	756	555	771	451	728	276	277
..... \$1,000..	17 544	16 538	10 563	17 314	7 644	9 513	3 936	3 206
Commercially mixed formula feeds..... farms..								
..... \$1,000..	448	429	232	380	240	430	112	150
..... \$1,000..	10 483	6 741	4 250	6 689	2 950	3 444	1 470	892
Seeds, bulbs, plants, and trees..... farms..								
..... \$1,000..	901	863	731	1 543	560	1 045	468	360
..... \$1,000..	3 059	3 417	3 204	6 696	2 103	4 074	2 143	979
Commercial fertilizer..... farms..								
..... \$1,000..	853	819	718	1 508	551	996	457	327
..... \$1,000..	4 992	5 841	6 035	10 145	3 658	5 797	3 388	1 606
Agricultural chemicals..... farms..								
..... \$1,000..	862	822	732	1 523	553	1 042	463	350
..... \$1,000..	3 429	3 228	3 901	6 479	2 244	3 626	2 364	783
Petroleum products..... farms..								
..... \$1,000..	957	908	765	1 548	599	1 081	474	355
..... \$1,000..	3 337	3 704	3 585	7 088	2 044	3 663	1 913	1 097
Electricity..... farms..								
..... \$1,000..	885	874	706	1 389	580	1 027	463	372
..... \$1,000..	1 278	1 471	1 097	2 245	791	1 470	530	331
Hired farm labor..... farms..								
..... \$1,000..	461	444	388	973	253	544	223	192
..... \$1,000..	3 139	3 162	2 602	5 139	1 669	3 999	1 756	642
Contract labor..... farms..								
..... \$1,000..	62	77	37	120	57	106	29	21
..... \$1,000..	190	166	139	255	84	328	102	19
Repair and maintenance..... farms..								
..... \$1,000..	901	853	732	1 472	577	1 040	450	345
..... \$1,000..	4 303	4 886	4 147	8 129	2 703	4 781	2 283	1 449
Customwork, machine hire, and rental of machinery and equipment..... farms..								
..... \$1,000..	636	627	431	919	292	718	236	220
..... \$1,000..	1 478	1 817	957	2 239	598	1 977	772	534
Interest..... farms..								
..... \$1,000..	721	672	549	1 074	415	710	343	254
..... \$1,000..	6 108	7 965	5 630	11 818	4 016	7 592	3 886	1 859
Cash rent..... farms..								
..... \$1,000..	397	491	345	960	230	505	232	156
..... \$1,000..	4 192	6 427	4 521	13 685	2 189	6 697	2 732	1 159
Property taxes..... farms..								
..... \$1,000..	857	733	678	1 196	571	930	396	303
..... \$1,000..	2 889	2 551	2 525	3 586	1 911	3 476	1 545	835
All other farm production expenses..... farms..								
..... \$1,000..	966	931	778	1 568	606	1 108	486	381
..... \$1,000..	4 850	6 082	4 697	9 830	3 128	5 516	2 554	1 733

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	42	25	32	32	34	6	23	37
1987 .....	22	27	22	23	26	10	26	25
200 days or more .....	156	135	159	186	137	68	127	85
1987 .....	132	152	122	175	165	60	86	73
1982 .....								
Not reported .....	75	50	93	37	49	39	43	51
1987 .....	141	56	135	82	91	71	98	87
1982 .....								
1987 operators by years on present farm:								
2 years or less .....	53	27	56	38	39	11	36	34
3 or 4 years .....	64	34	28	41	44	24	35	41
5 to 9 years .....	142	79	127	75	100	60	118	73
10 years or more .....	686	413	626	488	564	320	482	480
Average years on present farm .....	19.1	20.8	20.8	20.9	21.5	21.3	19.6	21.3
1987 .....								
1982 .....	160	79	114	97	92	66	95	91
1987 operators by age group:								
Under 25 years .....	53	7	33	16	14	9	22	14
25 to 34 years .....	251	91	176	97	128	73	144	122
35 to 44 years .....	199	138	179	136	168	108	160	124
45 to 54 years .....	221	127	174	170	183	92	177	154
55 to 64 years .....	256	143	223	191	215	113	181	167
65 years and over .....	125	126	166	129	131	86	82	118
Average age .....	46.3	51.0	49.0	51.1	50.0	50.2	47.6	49.6
1987 .....								
1982 .....								
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....								
farms, 1987 .....	976	543	789	612	658	370	647	595
1982 .....	1 092	638	833	672	729	407	705	648
acres, 1987 .....	282 791	204 791	248 884	194 250	231 821	171 985	212 336	301 675
1982 .....	292 067	228 150	241 367	203 515	230 614	180 812	211 697	290 691
1987 .....	83	66	114	97	100	79	88	81
Partnership .....	115	99	185	142	124	95	113	104
1982 .....	25 392	33 256	41 324	37 041	32 707	41 574	31 799	42 718
1987 .....	36 022	36 581	68 916	53 366	38 310	45 687	36 891	49 970
1982 .....								
Corporation:								
Family held .....								
farms, 1987 .....	41	18	41	25	70	30	27	18
1982 .....	37	17	25	18	81	22	23	21
acres, 1987 .....	(D)	(D)	(D)	(D)	47 534	(D)	15 209	(D)
1982 .....	23 295	(D)	(D)	(D)	(D)	(D)	12 605	(D)
1987 .....	3	2	4	3	6	-	2	2
Other than family held .....	3	2	6	-	4	2	3	-
1982 .....	28	(D)	(D)	(D)	2 724	-	(D)	(D)
1987 .....	(D)	(D)	(D)	-	(D)	(D)	(D)	-
1982 .....								
Other—cooperative, estate or trust, institutional, etc. ....								
farms, 1987 .....	2	3	3	2	5	2	2	3
1982 .....	2	3	1	5	3	1	4	1
acres, 1987 .....	(D)	(D)	1 215	(D)	2 845	(D)	(D)	1 040
1982 .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....								
farms .....	1 106	640	951	741	838	480	763	696
\$1,000 .....	98 292	41 823	79 399	43 485	65 926	36 344	71 556	54 329
Livestock and poultry purchased .....								
farms .....	718	344	524	344	374	205	435	281
\$1,000 .....	32 919	4 423	18 407	5 607	11 437	(D)	14 416	12 076
Feed for livestock and poultry .....								
farms .....	814	479	699	520	497	254	538	348
\$1,000 .....	18 727	9 467	15 557	7 492	8 389	4 454	14 467	4 725
Commercially mixed formula feeds .....	460	282	388	319	234	134	359	161
\$1,000 .....	8 926	6 938	7 069	3 823	2 810	2 699	7 714	1 542
Seeds, bulbs, plants, and trees .....								
farms .....	1 039	565	899	688	730	470	655	670
\$1,000 .....	3 472	1 761	3 213	2 542	3 674	2 143	2 971	3 514
Commercial fertilizer .....								
farms .....	951	542	886	660	704	453	623	640
\$1,000 .....	4 762	2 545	4 760	3 033	4 749	3 201	4 210	5 705
Agricultural chemicals .....								
farms .....	1 004	563	877	629	739	460	656	639
\$1,000 .....	2 919	1 912	3 548	2 269	3 851	2 094	3 225	3 584
Petroleum products .....								
farms .....	1 084	633	925	733	809	470	751	680
\$1,000 .....	3 684	1 864	3 363	2 268	3 340	1 812	3 305	3 044
Electricity .....								
farms .....	1 016	589	829	701	755	450	709	582
\$1,000 .....	1 570	814	1 749	1 076	1 425	680	1 279	932
Hired farm labor .....								
farms .....	588	326	455	452	449	225	397	403
\$1,000 .....	3 003	2 882	3 928	2 892	4 083	1 610	2 861	2 190
Contract labor .....								
farms .....	91	68	69	53	51	32	50	135
\$1,000 .....	173	468	259	147	119	121	127	312
Repair and maintenance .....								
farms .....	961	601	887	691	771	457	713	596
\$1,000 .....	4 468	3 068	4 547	2 892	4 155	2 360	4 077	3 328
Customwork, machine hire, and rental of machinery and equipment .....								
farms .....	744	336	535	448	514	325	498	448
\$1,000 .....	1 209	594	1 305	1 050	1 383	(D)	1 637	1 369
Interest .....								
farms .....	817	486	691	557	591	336	586	409
\$1,000 .....	6 914	3 210	6 814	4 057	5 445	2 852	6 541	3 795
Cash rent .....								
farms .....	614	290	372	280	339	258	345	258
\$1,000 .....	6 066	2 429	4 189	2 644	6 453	1 796	5 508	3 904
Property taxes .....								
farms .....	844	532	786	633	698	406	693	578
\$1,000 .....	1 823	1 705	2 550	1 831	2 444	1 447	2 169	1 800
All other farm production expenses .....								
farms .....	1 106	640	941	741	837	480	763	696
\$1,000 .....	6 583	4 681	5 211	3 685	4 982	2 507	4 764	4 050

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days ----- 1987 ..	14	16	24	28	28	25	18	59
----- 1982 ..	13	18	22	20	18	18	25	31
200 days or more ----- 1987 ..	93	79	138	157	82	146	108	225
----- 1982 ..	120	64	148	143	63	104	73	194
Not reported ----- 1987 ..	40	44	48	79	43	48	64	119
----- 1982 ..	55	68	73	116	75	86	106	185
1987 operators by years on present farm:								
2 years or less -----	18	25	31	58	28	22	40	74
3 or 4 years -----	25	17	32	58	38	41	36	79
5 to 9 years -----	30	71	74	152	123	80	115	183
10 years or more -----	295	392	408	719	404	547	545	931
Average years on present farm -----	23.0	21.4	20.5	20.1	18.2	22.2	20.6	19.3
Not reported -----	69	54	67	124	67	78	95	204
1987 operators by age group:								
Under 25 years -----	11	11	21	33	23	18	24	41
25 to 34 years -----	50	93	95	220	169	116	164	295
35 to 44 years -----	71	111	110	208	118	148	160	332
45 to 54 years -----	89	92	147	220	151	131	136	289
55 to 64 years -----	131	137	158	329	161	192	246	345
65 years and over -----	85	115	81	101	38	163	101	169
Average age -----	52.2	50.3	49.0	47.7	45.4	51.3	48.4	47.3
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) ----- farms, 1987 ..								
----- 1982 ..	376	482	497	953	578	624	715	1 272
acres, 1987 ..	419	499	596	1 042	663	682	776	1 394
----- 1982 ..	161 920	195 043	158 464	293 504	185 773	247 286	275 806	414 760
----- 1982 ..	169 201	195 830	162 634	288 308	201 651	250 613	269 023	421 115
Partnership ----- farms, 1987 ..								
----- 1982 ..	52	76	65	104	43	114	70	149
acres, 1987 ..	50	97	85	124	49	129	97	192
----- 1982 ..	23 419	30 359	(D)	35 396	(D)	51 000	(D)	62 673
----- 1982 ..	22 335	37 772	31 515	42 724	18 465	50 603	36 648	66 800
Corporation:								
Family held ----- farms, 1987 ..								
----- 1982 ..	4	14	47	50	38	25	41	48
acres, 1987 ..	2	19	53	47	33	20	51	34
----- 1982 ..	2 842	10 054	32 720	28 065	22 405	18 579	(D)	(D)
----- 1982 ..	(D)	(D)	(D)	(D)	(D)	14 137	(D)	(D)
Other than family held ----- farms, 1987 ..								
----- 1982 ..	3	2	1	3	—	2	1	—
acres, 1987 ..	5	3	1	5	—	5	3	—
----- 1982 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- 1982 ..	(D)	(D)	(D)	1 532	660	(D)	880	(D)
Other—cooperative, estate or trust, institutional, etc. ----- farms, 1987 ..								
----- 1982 ..	2	5	2	1	1	3	4	2
acres, 1987 ..	—	4	3	3	3	4	4	3
----- 1982 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
----- 1982 ..	—	(D)	(D)	(D)	420	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses ----- farms ..								
----- \$1,000 ..	441	560	613	1 111	658	771	832	1 465
Livestock and poultry purchased ----- farms ..	23 299	39 085	43 720	113 999	52 458	50 755	63 947	132 970
----- \$1,000 ..	181	258	239	511	312	368	377	841
Feed for livestock and poultry ----- farms ..	4 457	8 665	5 617	35 645	12 428	9 112	11 987	41 954
----- \$1,000 ..	381	428	356	631	386	521	438	1 091
Commercially mixed formula feeds ----- farms ..	3 722	5 068	5 878	21 605	9 113	5 860	8 880	25 202
----- \$1,000 ..	187	194	179	310	152	235	208	566
----- 1 489	2 282	2 308	7 112	3 189	2 142	2 250	8 531	
Seeds, bulbs, plants, and trees ----- farms ..	395	512	592	1 053	620	756	808	1 327
----- \$1,000 ..	1 036	2 285	2 313	4 272	2 370	4 415	3 563	4 772
Commercial fertilizer ----- farms ..	383	517	552	978	608	693	788	1 273
----- \$1,000 ..	1 821	3 415	3 968	6 716	3 274	3 378	5 569	6 998
Agricultural chemicals ----- farms ..	383	514	563	1 024	633	738	781	1 327
----- \$1,000 ..	980	2 212	2 600	3 718	2 239	2 445	3 506	4 437
Petroleum products ----- farms ..	439	546	609	1 099	658	755	825	1 428
----- \$1,000 ..	1 279	2 239	2 335	4 196	2 437	2 264	3 374	4 833
Electricity ----- farms ..	397	533	559	998	582	720	774	1 302
----- \$1,000 ..	358	801	846	1 897	890	873	1 145	2 319
Hired farm labor ----- farms ..	202	233	267	629	330	407	503	821
----- \$1,000 ..	775	1 943	2 321	3 485	1 730	4 772	2 625	3 785
Contract labor ----- farms ..	18	44	24	58	30	44	102	170
----- \$1,000 ..	33	109	46	495	102	104	210	396
Repair and maintenance ----- farms ..	384	515	565	972	608	727	806	1 326
----- \$1,000 ..	1 355	2 619	2 752	5 031	3 132	2 888	4 192	6 984
Customwork, machine hire, and rental of machinery and equipment ----- farms ..	198	373	317	704	370	534	440	918
----- \$1,000 ..	494	946	957	1 557	1 079	1 466	1 492	2 347
Interest ----- farms ..	278	357	428	834	448	549	593	1 030
----- \$1,000 ..	2 435	2 743	4 596	8 374	3 826	4 251	5 960	8 218
Cash rent ----- farms ..	148	196	348	664	390	318	408	897
----- \$1,000 ..	1 477	1 928	4 014	7 455	5 014	2 426	4 725	9 282
Property taxes ----- farms ..	401	433	482	920	509	679	660	1 170
----- \$1,000 ..	1 020	1 367	1 916	2 228	1 195	2 014	2 292	2 762
All other farm production expenses ----- farms ..	441	560	613	1 111	658	771	832	1 465
----- \$1,000 ..	2 057	2 746	3 562	7 326	3 630	4 488	4 429	8 681

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	1987 .. 37	27	35	27	16	23	24	24
1982 .. 27		25	47	22	17	31	39	22
200 days or more .....	1987 .. 109	146	169	138	66	142	173	146
1982 .. 117		154	187	107	78	108	166	106
Not reported .....	1987 .. 73	48	77	57	55	77	54	76
1982 .. 87		81	125	91	66	149	82	147
1987 operators by years on present farm:								
2 years or less .....	31	22	61	61	20	51	32	56
3 or 4 years .....	37	34	79	49	21	48	39	54
5 to 9 years .....	118	72	156	96	52	129	113	162
10 years or more .....	600	385	808	534	339	588	446	634
Average years on present farm .....	20.2	20.9	20.8	20.4	21.4	20.2	19.7	19.1
Not reported .....	106	67	137	93	72	118	102	126
1987 operators by age group:								
Under 25 years .....	20	11	39	21	11	35	16	35
25 to 34 years .....	161	79	221	137	83	170	127	214
35 to 44 years .....	183	109	248	167	82	190	154	230
45 to 54 years .....	178	109	224	185	92	179	169	185
55 to 64 years .....	238	165	344	195	131	238	170	247
65 years and over .....	112	107	165	128	105	122	96	121
Average age .....	48.3	51.5	48.7	49.1	51.2	48.0	48.4	47.0
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....								
farms, 1987 ..	766	434	997	701	427	755	616	895
1982 ..	907	557	1 099	792	508	840	706	1 004
acres, 1987 ..	284 641	154 973	397 666	257 486	204 455	268 833	164 787	295 549
1982 ..	299 273	162 675	385 768	266 854	231 712	265 249	170 629	290 337
Partnership .....								
farms, 1987 ..	75	81	154	106	61	116	50	94
1982 ..	67	86	232	139	77	147	91	110
acres, 1987 ..	30 058	26 283	72 621	46 282	39 802	58 438	(D)	28 705
1982 ..	25 208	27 358	103 783	(D)	(D)	62 338	26 224	38 393
Corporation:								
Family held .....								
farms, 1987 ..	43	58	76	21	9	50	62	38
1982 ..	44	50	70	22	14	49	60	37
acres, 1987 ..	(D)	(D)	51 893	15 972	(D)	27 240	(D)	(D)
1982 ..	29 180	33 612	46 126	18 473	10 976	26 191	(D)	(D)
Other than family held .....								
farms, 1987 ..	2	1	14	2	2	7	1	2
1982 ..	3	9	12	2	2	6	3	5
acres, 1987 ..	(D)	(D)	3 426	(D)	(D)	(D)	(D)	(D)
1982 ..	(D)	5 807	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ....								
farms, 1987 ..	5	6	-	5	5	6	3	3
1982 ..	6	3	4	-	-	1	1	3
acres, 1987 ..	(D)	3 359	-	2 300	3 560	(D)	(D)	(D)
1982 ..	(D)	468	(D)	-	-	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....								
farms ..	892	577	1 241	829	505	934	734	1 031
\$1,000 ..	67 130	35 499	107 332	55 993	26 933	97 087	63 732	78 703
Livestock and poultry purchased .....								
farms ..	343	146	625	437	298	452	331	538
\$1,000 ..	12 251	2 670	27 720	8 428	4 133	28 140	12 210	19 442
Feed for livestock and poultry .....								
farms ..	478	217	806	610	438	598	458	754
\$1,000 ..	11 041	2 511	11 044	8 087	4 321	16 454	9 136	12 879
Commercially mixed formula feeds .....								
farms ..	254	98	333	261	140	303	284	347
\$1,000 ..	3 939	1 143	3 735	3 547	1 589	6 004	4 011	4 482
Seeds, bulbs, plants, and trees .....								
farms ..	853	539	1 184	787	434	847	688	957
\$1,000 ..	3 702	2 824	5 416	3 009	1 271	3 473	3 211	3 327
Commercial fertilizer .....								
farms ..	798	538	1 104	713	446	778	657	925
\$1,000 ..	5 192	4 120	7 852	4 667	2 097	4 988	4 595	5 834
Agricultural chemicals .....								
farms ..	808	523	1 146	765	426	785	680	948
\$1,000 ..	3 437	2 476	6 220	2 984	1 391	3 476	3 247	3 318
Petroleum products .....								
farms ..	878	560	1 225	816	497	865	724	1 012
\$1,000 ..	3 271	2 040	5 312	2 997	1 573	3 609	3 231	3 612
Electricity .....								
farms ..	801	486	1 139	755	466	879	673	968
\$1,000 ..	1 201	509	2 078	1 061	516	1 448	1 082	1 679
Hired farm labor .....								
farms ..	486	285	640	398	199	525	319	554
\$1,000 ..	2 169	2 724	5 232	2 451	1 157	5 325	2 365	2 257
Contract labor .....								
farms ..	40	60	128	56	35	102	77	78
\$1,000 ..	109	601	488	229	108	344	203	149
Repair and maintenance .....								
farms ..	840	489	1 165	756	483	863	713	987
\$1,000 ..	4 137	2 325	6 534	4 587	2 169	5 167	3 294	5 148
Customwork, machine hire, and rental of machinery and equipment .....								
farms ..	445	283	669	426	231	544	407	635
\$1,000 ..	965	936	1 910	1 039	703	1 914	1 073	1 241
Interest .....								
farms ..	663	327	856	537	362	711	474	765
\$1,000 ..	6 548	2 982	8 882	5 209	2 787	7 455	7 096	5 768
Cash rent .....								
farms ..	419	245	609	380	212	465	444	566
\$1,000 ..	5 095	3 950	7 939	4 020	1 024	7 009	6 163	6 598
Property taxes .....								
farms ..	669	461	967	679	405	727	608	820
\$1,000 ..	1 824	1 712	3 246	2 043	1 129	2 141	2 785	2 325
All other farm production expenses .....								
farms ..	882	577	1 241	829	505	834	734	1 031
\$1,000 ..	6 188	3 118	7 461	5 182	2 554	6 145	4 040	5 126

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>OPERATOR CHARACTERISTICS—</b>								
Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days	1987.. 59	22	27	18	26	28	17	35
	1982.. 40	25	26	14	13	22	13	32
200 days or more	1987.. 349	208	170	103	75	90	131	182
	1982.. 278	203	177	87	109	86	136	192
Not reported	1987.. 144	61	63	47	36	28	32	36
	1982.. 233	93	123	79	46	61	54	57
1987 operators by years on present farm:								
2 years or less	106	49	44	26	15	20	26	34
3 or 4 years	110	49	63	31	24	11	20	22
5 to 9 years	210	98	123	77	49	51	47	71
10 years or more	1 076	592	764	359	321	364	330	472
Average years on present farm	19.1	20.5	21.3	20.9	22.8	22.1	21.2	21.2
Not reported	278	97	121	71	51	44	69	93
1987 operators by age group:								
Under 25 years	71	14	24	12	12	9	5	12
25 to 34 years	364	156	162	93	63	61	56	88
35 to 44 years	386	178	227	120	86	103	110	125
45 to 54 years	363	161	249	96	98	108	105	173
55 to 64 years	450	230	288	123	109	113	98	176
65 years and over	146	146	165	120	92	96	118	117
Average age	46.4	49.8	49.9	50.2	51.1	50.9	52.1	51.2
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship)	farms, 1987.. 1 501	690	921	485	396	414	426	558
	1982.. 1 594	804	1 027	549	467	482	481	622
	acres, 1987.. 368 711	231 632	309 081	220 254	178 719	171 528	144 739	197 614
	1982.. 375 149	243 654	319 059	209 040	169 158	189 691	158 478	208 115
Partnership	farms, 1987.. 215	89	143	65	48	54	45	93
	1982.. 257	90	160	89	53	76	47	117
	acres, 1987.. 66 209	(D)	57 081	(D)	23 418	27 920	20 067	36 255
	1982.. 68 305	25 915	58 618	49 681	39 006	(D)	17 846	46 266
Corporation:								
Family held	farms, 1987.. 55	92	48	14	15	19	20	36
	1982.. 42	78	41	21	14	18	24	33
	acres, 1987.. 27 833	(D)	(D)	(D)	(D)	11 915	(D)	26 283
	1982.. (D)	55 596	(D)	(D)	(D)	(D)	(D)	(D)
Other than family held	farms, 1987.. 5	7	2	1	2	2	1	3
	1982.. 6	3	1	—	2	4	—	10
	acres, 1987.. (D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982.. (D)	394	(D)	(D)	(D)	(D)	(D)	2 258
Other—cooperative, estate or trust, institutional, etc.	farms, 1987.. 4	7	1	—	—	1	1	2
	1982.. 5	7	1	1	2	—	2	1
	acres, 1987.. (D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982.. (D)	1 973	(D)	(D)	(D)	(D)	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses	farms.. 1 777	888	1 107	567	462	493	493	691
	\$1,000.. 274 128	72 277	78 649	27 816	28 855	23 900	25 927	36 567
Livestock and poultry purchased	farms.. 1 194	328	525	273	238	211	240	320
	\$1,000.. 115 840	13 265	11 282	3 571	7 777	2 981	4 286	5 517
Feed for livestock and poultry	farms.. 1 351	428	763	418	342	365	347	475
	\$1,000.. 61 977	11 276	10 925	4 480	4 966	4 112	3 798	6 073
Commercially mixed formula feeds	farms.. 632	243	326	212	112	238	199	289
	\$1,000.. 18 392	5 575	4 196	1 497	2 440	1 586	1 646	2 914
Seeds, bulbs, plants, and trees	farms.. 1 514	807	1 041	522	431	452	421	619
	\$1,000.. 5 712	3 518	4 446	1 459	1 167	1 346	1 267	1 983
Commercial fertilizer	farms.. 1 407	753	992	478	403	427	387	570
	\$1,000.. 8 448	5 111	6 662	2 221	1 810	2 047	2 226	2 641
Agricultural chemicals	farms.. 1 507	794	990	497	403	438	408	597
	\$1,000.. 5 256	3 729	4 729	1 670	1 153	1 646	1 329	1 992
Petroleum products	farms.. 1 719	854	1 088	558	462	476	486	668
	\$1,000.. 5 954	3 331	3 945	1 778	1 366	1 202	1 463	2 002
Electricity	farms.. 1 630	782	989	477	410	422	439	616
	\$1,000.. 3 322	1 407	1 516	623	(D)	513	410	699
Hired farm labor	farms.. 1 138	472	517	295	215	214	226	311
	\$1,000.. 10 027	4 275	3 739	1 060	1 158	1 258	1 077	2 209
Contract labor	farms.. 123	81	47	48	37	35	49	77
	\$1,000.. 667	133	261	109	(D)	62	124	337
Repair and maintenance	farms.. 1 556	825	994	516	397	427	421	658
	\$1,000.. 6 837	4 594	5 130	2 217	1 445	1 757	1 899	2 499
Customwork, machine hire, and rental of machinery and equipment	farms.. 1 036	503	645	317	315	297	214	359
	\$1,000.. 2 389	1 742	1 600	612	667	560	526	747
Interest	farms.. 1 273	607	778	410	279	308	279	509
	\$1,000.. 13 638	6 303	6 914	2 819	2 260	2 146	2 442	3 482
Cash rent	farms.. 987	411	555	199	169	119	199	195
	\$1,000.. 14 211	5 896	8 672	1 287	1 072	875	1 973	1 832
Property taxes	farms.. 1 475	704	931	453	400	415	420	575
	\$1,000.. 2 954	2 354	3 006	1 126	1 346	1 249	1 091	1 676
All other farm production expenses	farms.. 1 776	888	1 107	567	462	483	493	691
	\$1,000.. 14 897	5 323	5 821	2 783	2 134	2 166	2 018	2 867

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshek	Woodbury	Worth	Wright
<b>OPERATOR CHARACTERISTICS—</b>								
<b>Con.</b>								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days .....	1987 31	13	30	22	42	39	13	24
.....	1982 22	11	32	22	32	34	17	15
200 days or more .....	1987 148	74	172	92	170	171	74	106
.....	1982 142	74	147	82	139	171	83	115
Not reported .....	1987 81	68	83	44	90	75	39	42
.....	1982 96	85	122	93	162	147	70	81
1987 operators by years on present farm:								
2 years or less .....	46	14	43	28	68	46	26	42
3 or 4 years .....	58	27	75	28	50	64	15	28
5 to 9 years .....	127	56	128	88	206	128	46	81
10 years or more .....	581	339	670	421	812	659	401	559
Average years on present farm .....	19.3	22.7	20.0	20.4	19.8	20.7	22.3	22.5
Not reported .....	119	76	118	70	162	124	52	86
1987 operators by age group:								
Under 25 years .....	28	17	20	22	40	23	18	11
25 to 34 years .....	172	52	186	121	268	163	88	115
35 to 44 years .....	192	84	195	113	257	229	101	150
45 to 54 years .....	208	99	214	132	257	195	102	169
55 to 64 years .....	221	149	291	178	319	260	158	224
65 years and over .....	110	111	128	89	167	151	73	127
Average age .....	47.7	52.7	49.1	47.9	47.9	49.3	49.6	50.5
<b>TYPE OF ORGANIZATION</b>								
Individual or family (sole proprietorship) .....	farms, 1987 699	439	889	550	1 080	889	475	701
.....	1982 758	526	979	631	1 174	1 061	564	792
.....	acres, 1987 212 158	216 138	332 111	182 537	272 899	351 779	179 145	287 726
.....	1982 219 732	220 379	334 080	196 313	301 648	380 695	183 586	285 008
Partnership .....	farms, 1987 132	59	92	47	201	103	47	48
.....	1982 174	70	115	71	252	136	81	88
.....	acres, 1987 44 870	29 727	42 147	15 935	68 585	60 756	26 100	(D)
.....	1982 59 110	35 683	47 318	18 650	69 793	63 619	35 565	39 767
Corporation:								
Family held .....	farms, 1987 87	8	42	38	15	25	17	44
.....	1982 71	17	37	28	18	22	14	41
.....	acres, 1987 (D)	(D)	(D)	28 902	7 494	(D)	(D)	(D)
.....	1982 (D)	11 623	(D)	(D)	(D)	(D)	(D)	(D)
Other than family held .....	farms, 1987 9	1	5	2	1	1	1	1
.....	1982 12	1	8	1	1	4	1	2
.....	acres, 1987 (D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
.....	1982 4 427	(D)	4 046	-	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ....	farms, 1987 4	5	6	-	10	3	1	2
.....	1982 5	2	7	1	4	4	3	4
.....	acres, 1987 755	(D)	(D)	-	(D)	(D)	(D)	(D)
.....	1982 (D)	(D)	(D)	(D)	(D)	712	(D)	(D)
<b>1987 FARM PRODUCTION EXPENSES<sup>1</sup></b>								
Total farm production expenses .....	farms 936	506	1 032	836	1 306	1 027	537	795
.....	\$1,000 82 535	24 626	71 794	43 934	84 229	96 808	43 939	58 297
Livestock and poultry purchased .....	farms 568	255	255	283	747	445	282	263
.....	\$1,000 11 436	4 557	5 840	4 956	15 039	30 176	6 459	7 176
Feed for livestock and poultry .....	farms 750	394	401	326	1 158	599	370	334
.....	\$1,000 22 361	3 075	12 866	4 875	16 521	14 077	6 962	5 731
Commercially mixed formula feeds .....	farms 420	236	161	207	770	249	221	221
.....	\$1,000 12 683	1 354	7 570	2 187	8 227	3 987	3 210	3 256
Seeds, bulbs, plants, and trees .....	farms 858	449	967	588	1 183	961	500	773
.....	\$1,000 3 206	1 185	4 152	2 777	3 033	4 099	2 410	4 096
Commercial fertilizer .....	farms 798	421	926	572	1 168	928	506	750
.....	\$1,000 5 069	2 042	5 715	3 703	4 800	7 023	3 635	5 395
Agricultural chemicals .....	farms 822	414	928	609	1 157	951	512	768
.....	\$1,000 3 505	1 251	4 692	2 741	2 653	4 349	2 677	4 145
Petroleum products .....	farms 918	486	1 018	636	1 281	1 012	536	794
.....	\$1,000 3 799	1 482	3 858	2 478	4 251	3 855	2 382	3 147
Electricity .....	farms 859	480	900	547	1 203	909	488	729
.....	\$1,000 1 429	477	1 436	831	2 223	1 560	659	977
Hired farm labor .....	farms 492	229	567	369	721	674	328	477
.....	\$1,000 4 091	600	4 993	1 294	3 423	3 132	1 329	2 624
Contract labor .....	farms 61	31	106	88	91	208	52	67
.....	\$1,000 161	169	165	102	225	485	97	129
Repair and maintenance .....	farms 855	450	912	593	1 246	952	506	734
.....	\$1,000 5 000	1 834	5 006	2 525	6 108	4 894	2 539	4 041
Customwork, machine hire, and rental of machinery and equipment .....	farms 525	270	453	377	928	724	372	443
.....	\$1,000 1 230	609	941	911	1 970	2 070	648	1 348
Interest .....	farms 631	333	613	522	925	695	415	546
.....	\$1,000 6 214	2 238	5 937	5 432	7 596	6 655	4 084	6 560
Cash rent .....	farms 388	136	461	386	553	450	334	383
.....	\$1,000 5 120	1 399	4 759	6 631	4 595	5 535	5 450	5 720
Property taxes .....	farms 737	467	784	528	1 111	841	463	589
.....	\$1,000 2 536	1 302	2 476	1 405	3 452	2 867	1 583	2 042
All other farm production expenses .....	farms 928	506	1 032	836	1 306	1 027	537	795
.....	\$1,000 7 378	2 396	8 961	3 272	8 342	6 229	3 046	5 166

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment ----- farms, 1987..	82 599	770	518	864	508	700	1 183
----- farms, 1982..	93 542	896	598	947	514	794	1 321
----- \$1,000, 1987..	5 242 462	47 044	24 559	53 868	21 018	42 775	74 720
----- farms, 1982..	6 427 053	48 344	33 242	63 743	20 458	49 454	94 979
Average per farm ----- dollars, 1987..	63 469	61 096	47 412	62 347	41 374	61 107	63 161
----- farms, 1982..	68 708	53 956	55 589	67 310	39 801	62 284	71 899
Motortrucks, including pickups ----- farms, 1987..	75 990	738	507	798	474	626	1 115
----- farms, 1982..	84 760	853	561	861	431	729	1 221
----- number, 1987..	121 204	1 095	795	1 115	711	1 002	1 684
----- farms, 1982..	127 286	1 113	908	1 132	640	1 062	1 790
Wheel tractors ----- farms, 1987..	78 229	760	509	835	464	645	1 143
----- farms, 1982..	86 999	861	567	876	472	709	1 240
----- number, 1987..	284 379	2 188	1 395	3 100	1 153	2 208	3 792
----- farms, 1982..	274 255	2 617	1 662	2 972	1 201	2 230	3 996
Grain and bean combines <sup>2</sup> ----- farms, 1987..	51 340	446	301	427	252	407	687
----- farms, 1982..	52 528	511	341	354	237	428	837
----- number, 1987..	55 396	453	330	428	322	427	714
----- farms, 1982..	55 135	567	352	354	245	459	867
<b>LIVESTOCK AND POULTRY</b>							
Cattle and calves inventory ----- farms, 1987..	40 741	571	383	752	419	356	579
----- farms, 1982..	52 300	721	460	868	427	510	720
----- number, 1987..	4 131 811	60 567	40 528	85 252	44 217	43 472	69 555
----- farms, 1982..	5 610 550	81 003	52 717	102 356	46 068	77 802	68 524
Cows and heifers that had calved ----- farms, 1987..	31 662	502	360	677	398	265	463
----- farms, 1982..	40 842	662	422	801	406	354	563
----- number, 1987..	1 337 250	26 424	18 631	37 628	22 892	12 695	15 574
----- farms, 1982..	1 776 598	34 385	22 669	45 646	24 212	20 198	21 109
Beef cows ----- farms, 1987..	25 846	487	357	367	387	252	414
----- farms, 1982..	33 858	642	416	490	399	331	501
----- number, 1987..	1 044 065	25 324	(D)	17 385	22 179	12 244	13 202
----- farms, 1982..	1 440 053	32 867	22 090	24 012	23 462	19 230	18 316
Milk cows ----- farms, 1987..	7 247	32	14	414	37	17	62
----- farms, 1982..	9 630	69	23	481	43	37	92
----- number, 1987..	293 185	1 100	(D)	20 243	713	451	2 372
----- farms, 1982..	336 545	1 518	579	21 634	750	968	2 793
Heifers and heifer calves ----- farms, 1987..	32 079	478	319	687	342	269	463
----- farms, 1982..	1 232 578	14 734	9 293	25 828	9 515	14 320	19 468
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	35 469	527	345	665	375	308	504
----- farms, 1982..	1 561 983	19 409	12 604	21 796	11 810	16 457	34 513
Cattle and calves sold ----- farms, 1987..	42 170	593	389	769	440	377	595
----- farms, 1982..	53 436	738	477	873	440	534	738
----- number, 1987..	3 461 601	37 783	24 914	38 721	26 544	40 605	61 387
----- farms, 1982..	4 497 536	47 594	34 084	42 819	24 509	59 845	55 393
Calves ----- farms, 1987..	12 434	161	123	320	210	75	146
----- farms, 1982..	324 299	4 488	4 467	7 598	8 105	2 043	2 499
Cattle ----- farms, 1987..	37 500	524	332	688	357	339	540
----- farms, 1982..	46 858	644	395	754	340	469	661
----- number, 1987..	3 137 302	33 295	20 447	31 123	18 439	38 562	58 888
----- farms, 1982..	4 045 949	40 606	27 837	32 332	16 066	55 301	50 729
Fattened on grain and concentrates ----- farms, 1987..	20 611	290	138	205	78	226	335
----- farms, 1982..	2 393 989	22 293	11 607	12 307	3 861	33 163	50 543
Hogs and pigs inventory ----- farms, 1987..	34 159	356	199	389	110	328	521
----- farms, 1982..	42 415	485	285	431	155	424	641
----- number, 1987..	12 895 969	84 867	55 163	112 973	15 787	127 810	171 015
----- farms, 1982..	14 205 892	111 610	72 936	110 904	23 338	147 190	203 131
Used or to be used for breeding ----- farms, 1987..	25 482	261	163	327	77	237	377
----- farms, 1982..	31 988	380	199	360	118	295	486
----- number, 1987..	1 641 095	11 481	7 741	15 756	1 891	15 485	20 677
----- farms, 1982..	1 676 849	14 254	8 588	14 939	2 906	15 798	24 973
Other ----- farms, 1987..	32 937	347	185	378	100	311	503
----- farms, 1982..	40 614	459	268	408	151	403	624
----- number, 1987..	11 254 874	73 386	47 422	97 217	13 896	112 325	150 338
----- farms, 1982..	12 529 043	97 356	64 348	95 965	20 432	131 392	178 158
Hogs and pigs sold ----- farms, 1987..	35 888	368	215	402	121	341	542
----- farms, 1982..	45 253	514	313	458	170	464	687
----- number, 1987..	23 367 520	151 203	87 900	167 849	30 659	238 000	295 457
----- farms, 1982..	23 613 292	170 320	114 900	202 462	34 229	256 573	307 092
Feeder pigs ----- farms, 1987..	8 151	59	39	119	24	79	93
----- farms, 1982..	9 514	96	52	132	29	101	105
----- number, 1987..	4 405 253	23 030	12 416	39 654	4 722	60 356	39 309
----- farms, 1982..	4 217 818	26 065	15 177	69 773	(D)	56 810	40 952
Sheep and lambs inventory ----- farms, 1987..	6 046	55	23	62	64	44	135
----- farms, 1982..	7 233	91	37	53	60	54	143
----- number, 1987..	376 723	2 466	2 147	1 598	3 807	3 160	8 373
----- farms, 1982..	398 311	4 845	1 681	1 471	4 835	4 955	4 743
Sheep and lambs sold ----- farms, 1987..	6 177	56	29	61	69	50	126
----- farms, 1982..	7 519	93	35	50	63	59	142
----- number, 1987..	546 920	2 358	2 621	1 201	3 418	3 176	10 454
----- farms, 1982..	424 691	6 123	1 610	1 179	4 124	5 671	3 554
Hens and pullets of laying age inventory ----- farms, 1987..	3 255	45	25	32	29	26	43
----- farms, 1982..	5 196	79	49	67	33	48	79
----- number, 1987..	8 148 440	(D)	(D)	(D)	(D)	(D)	(D)
----- farms, 1982..	8 115 934	(D)	4 976	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987..	768	11	2	3	-	17	12
----- farms, 1982..	769	9	3	7	2	6	16
----- number, 1987..	582 165	(D)	(D)	(D)	-	4 225	(D)
----- farms, 1982..	365 684	(D)	(D)	11 420	(D)	(D)	6 538

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment							
----- farms, 1987..	946	798	850	1 094	972	1 069	865
----- farms, 1982..	1 036	921	1 000	1 154	1 079	1 213	1 019
----- \$1,000, 1987..	62 687	55 416	54 691	63 944	65 568	63 176	58 972
----- \$1,000, 1982..	75 369	70 863	64 788	79 991	78 380	79 173	73 432
Average per farm							
----- dollars, 1987..	66 265	69 443	64 342	58 450	67 456	59 098	68 176
----- dollars, 1982..	72 750	76 941	64 788	69 316	72 641	65 271	72 063
Motortrucks, including pickups							
----- farms, 1987..	850	764	752	914	869	928	775
----- farms, 1982..	983	815	917	993	986	1 040	912
----- number, 1987..	1 548	1 253	1 134	1 371	1 416	1 329	1 240
----- number, 1982..	1 512	1 311	1 243	1 503	1 468	1 382	1 453
Wheel tractors							
----- farms, 1987..	892	755	808	1 015	902	1 011	834
----- farms, 1982..	969	899	971	1 099	1 022	1 094	905
----- number, 1987..	2 973	2 652	2 866	3 361	3 112	3 457	2 880
----- number, 1982..	2 977	2 847	3 022	3 336	3 241	3 373	2 815
Grain and bean combines <sup>2</sup>							
----- farms, 1987..	609	606	534	626	643	732	560
----- farms, 1982..	564	578	544	628	679	712	636
----- number, 1987..	649	621	554	677	696	751	598
----- number, 1982..	633	585	551	655	708	753	671
<b>LIVESTOCK AND POULTRY</b>							
Cattle and calves inventory							
----- farms, 1987..	333	242	460	549	220	481	200
----- farms, 1982..	463	355	582	619	348	635	373
----- number, 1987..	23 189	23 128	32 570	35 650	29 886	31 364	22 041
----- number, 1982..	34 967	33 702	36 052	44 751	46 037	43 104	41 122
Cows and heifers that had calved							
----- farms, 1987..	211	171	335	434	138	324	136
----- farms, 1982..	327	252	454	491	227	447	250
----- number, 1987..	6 892	5 365	12 179	12 046	4 850	8 857	4 653
----- number, 1982..	10 666	8 234	14 801	14 946	9 929	13 609	8 708
Beef cows							
----- farms, 1987..	145	162	116	202	127	226	132
----- farms, 1982..	225	235	194	272	220	317	236
----- number, 1987..	3 657	4 823	3 161	6 102	(D)	5 201	(D)
----- number, 1982..	6 423	7 642	4 018	8 515	9 363	8 745	8 407
Milk cows							
----- farms, 1987..	79	18	233	253	14	110	7
----- farms, 1982..	134	28	297	266	14	164	23
----- number, 1987..	3 235	542	9 018	5 944	(D)	3 656	(D)
----- number, 1982..	4 243	592	10 783	6 431	566	4 864	301
Heifers and heifer calves							
----- farms, 1987..	244	188	347	450	167	356	148
----- farms, 1982..	7 081	8 595	10 025	10 605	9 416	9 032	6 415
Steers, steer calves, bulls, and bull calves							
----- farms, 1987..	294	208	356	469	180	433	172
----- farms, 1982..	9 216	9 168	10 366	12 999	15 620	13 475	10 973
Cattle and calves sold							
----- farms, 1987..	343	247	462	557	223	497	213
----- farms, 1982..	469	362	576	607	356	650	384
----- number, 1987..	16 582	22 524	18 651	28 421	34 627	25 200	25 174
----- number, 1982..	22 932	31 169	19 354	29 435	43 091	29 889	49 702
Calves							
----- farms, 1987..	95	59	183	233	24	114	47
----- farms, 1982..	2 557	834	2 909	3 279	766	2 077	1 082
Cattle							
----- farms, 1987..	312	226	419	475	213	457	187
----- farms, 1982..	430	328	517	536	333	587	334
----- number, 1987..	14 025	21 690	15 742	25 142	33 861	23 123	24 092
----- number, 1982..	20 762	28 960	16 357	26 578	41 633	26 590	47 648
Fattened on grain and concentrates							
----- farms, 1987..	186	146	203	244	159	302	121
----- farms, 1982..	10 394	18 079	10 935	18 847	30 302	18 475	21 159
Hogs and pigs inventory							
----- farms, 1987..	365	223	306	524	419	491	252
----- farms, 1982..	400	315	391	559	507	606	378
----- number, 1987..	161 850	89 857	92 147	190 242	211 505	191 209	104 726
----- number, 1982..	136 277	103 264	97 860	192 183	216 176	199 074	123 956
Used or to be used for breeding							
----- farms, 1987..	236	152	224	397	297	336	180
----- farms, 1982..	259	229	291	435	365	424	259
----- number, 1987..	15 477	9 601	12 300	25 402	24 890	22 416	11 182
----- number, 1982..	13 846	11 661	11 710	22 485	23 328	21 658	13 110
Other							
----- farms, 1987..	348	218	293	496	406	479	238
----- farms, 1982..	385	295	375	527	495	588	359
----- number, 1987..	146 373	80 256	79 847	164 840	186 615	168 793	93 564
----- number, 1982..	122 431	91 603	86 150	169 698	192 848	177 416	110 837
Hogs and pigs sold							
----- farms, 1987..	380	238	324	542	449	520	282
----- farms, 1982..	424	329	415	593	544	657	408
----- number, 1987..	274 583	176 737	179 130	371 961	387 636	366 044	203 289
----- number, 1982..	229 871	185 102	171 725	336 104	369 008	327 848	210 877
Feeder pigs							
----- farms, 1987..	97	39	86	177	97	120	57
----- farms, 1982..	85	77	95	164	95	131	86
----- number, 1987..	38 285	41 522	32 620	99 987	(D)	67 985	34 896
----- number, 1982..	27 387	32 697	26 609	75 818	67 182	50 627	32 936
Sheep and lambs inventory							
----- farms, 1987..	59	65	62	90	68	97	71
----- farms, 1982..	75	73	80	84	66	119	90
----- number, 1987..	2 779	3 462	2 255	1 980	5 991	4 385	4 814
----- number, 1982..	3 405	2 257	1 928	2 334	7 829	4 270	6 058
Sheep and lambs sold							
----- farms, 1987..	63	65	59	76	69	103	78
----- farms, 1982..	77	80	77	84	69	115	95
----- number, 1987..	4 225	3 154	2 255	1 586	5 179	4 586	4 849
----- number, 1982..	3 477	2 548	1 452	1 854	7 793	4 663	6 823
Hens and pullets of laying age inventory							
----- farms, 1987..	30	23	36	95	21	51	16
----- farms, 1982..	55	41	60	105	44	84	35
----- number, 1987..	(D)	(D)	14 758	78 203	51 556	(D)	(D)
----- number, 1982..	(D)	(D)	26 120	(D)	75 264	(D)	(D)
Broilers and other meat-type chickens sold							
----- farms, 1987..	12	1	6	20	13	19	7
----- farms, 1982..	10	2	16	25	15	18	6
----- number, 1987..	5 220	(D)	2 384	(D)	(D)	5 603	3 980
----- number, 1982..	1 417	(D)	1 571	6 626	4 980	8 944	1 055

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment							
farms, 1987	1 176	772	965	754	940	826	443
1982	1 280	884	1 130	874	1 064	920	506
\$1,000, 1987	64 496	44 689	68 041	57 562	56 020	49 799	19 504
1982	73 958	60 271	94 386	70 521	70 204	58 758	27 960
Average per farm	54 843	57 861	70 509	76 342	59 595	60 289	44 027
1982	57 780	68 180	83 527	80 688	65 981	63 867	55 257
Motortrucks, including pickups							
farms, 1987	1 007	696	919	717	880	744	406
1982	1 103	785	1 053	746	947	833	489
number, 1987	1 394	1 158	1 472	1 333	1 257	1 084	616
1982	1 601	1 163	1 468	1 156	1 342	1 102	753
Wheel tractors							
farms, 1987	1 084	726	939	703	894	780	418
1982	1 204	806	1 081	850	1 010	839	452
number, 1987	3 752	2 339	3 260	2 429	2 854	2 734	1 249
1982	3 637	2 364	3 413	2 566	3 271	2 797	1 245
Grain and bean combines <sup>2</sup>							
farms, 1987	804	510	648	511	623	549	252
1982	698	582	577	529	608	522	214
number, 1987	844	574	661	550	639	576	258
1982	735	603	586	558	624	545	214
<b>LIVESTOCK AND POULTRY</b>							
Cattle and calves inventory							
farms, 1987	544	444	437	178	439	454	375
1982	728	598	537	247	631	524	421
number, 1987	83 431	51 204	36 506	12 304	60 826	39 892	37 922
1982	124 326	72 740	49 692	20 497	90 109	46 976	45 606
Cows and heifers that had calved							
farms, 1987	296	365	328	125	313	334	354
1982	406	491	428	176	426	425	397
number, 1987	11 357	16 778	11 592	4 801	12 629	12 037	19 142
1982	15 209	22 601	16 253	7 179	16 875	15 000	23 440
Beef cows							
farms, 1987	282	356	302	105	273	185	352
1982	376	469	380	159	389	279	390
number, 1987	10 802	16 133	10 261	4 039	(D)	5 761	18 903
1982	(D)	(D)	14 025	6 545	17 207	8 601	23 054
Milk cows							
farms, 1987	19	21	37	22	50	167	11
1982	43	47	70	19	53	187	22
number, 1987	555	645	1 331	762	(D)	6 276	239
1982	(D)	(D)	2 228	634	1 668	6 399	386
Heifers and heifer calves							
farms, 1987	421	363	347	149	344	350	316
1982	589	800	11 479	3 446	19 332	12 558	8 745
number, 1987	402	407	390	162	399	389	348
1982	30 485	20 626	13 435	4 057	28 865	15 297	10 035
Cattle and calves sold							
farms, 1987	569	470	456	189	458	459	383
1982	751	617	545	260	651	532	422
number, 1987	107 864	44 993	32 104	8 755	61 512	31 104	19 849
1982	156 418	56 113	36 285	14 647	86 502	31 454	24 985
Calves							
farms, 1987	86	127	86	36	73	142	171
1982	5 787	3 628	1 755	540	1 844	2 751	6 254
number, 1987	531	413	419	173	430	420	299
1982	686	556	480	241	612	475	346
Fattened on grain and concentrates							
farms, 1987	148 700	51 562	33 394	13 146	83 416	28 179	18 512
1982	369	268	318	119	305	239	107
number, 1987	93 809	34 687	26 276	5 948	51 175	22 102	4 731
Hogs and pigs inventory							
farms, 1987	667	307	464	271	426	361	176
1982	732	405	570	346	536	411	220
number, 1987	276 269	92 848	205 394	118 343	176 533	128 286	39 199
1982	264 138	121 940	211 648	156 148	201 429	138 430	47 937
Used or to be used for breeding							
farms, 1987	492	210	365	213	285	265	141
1982	537	300	446	279	360	331	179
number, 1987	31 574	10 930	26 059	21 940	20 027	15 793	5 524
1982	26 430	13 977	25 647	23 199	18 287	16 545	5 374
Other							
farms, 1987	652	302	455	254	417	349	166
1982	705	401	545	324	527	398	204
number, 1987	244 695	81 918	179 335	96 403	156 506	112 493	33 675
1982	237 708	107 963	186 001	132 949	183 142	121 885	42 563
Hogs and pigs sold							
farms, 1987	688	324	481	285	438	375	192
1982	777	441	605	381	560	442	232
number, 1987	509 261	166 682	353 598	252 651	314 768	234 838	72 394
1982	430 827	179 413	357 365	245 037	319 180	228 812	72 620
Feeder pigs							
farms, 1987	162	56	91	65	63	83	51
1982	175	62	110	72	80	87	77
number, 1987	110 537	31 819	45 937	83 242	52 721	56 308	11 451
1982	88 931	26 704	49 087	27 319	48 790	50 229	16 359
Sheep and lambs inventory							
farms, 1987	48	66	147	44	58	41	41
1982	59	77	161	64	74	33	41
number, 1987	4 644	3 275	6 353	1 486	3 565	1 133	1 620
1982	2 207	3 849	6 318	2 198	4 211	1 022	1 443
Sheep and lambs sold							
farms, 1987	50	66	148	48	59	38	41
1982	72	77	159	69	89	33	41
number, 1987	4 464	2 656	7 144	1 117	6 819	850	1 155
1982	2 933	3 559	5 266	1 862	6 565	887	1 054
Hens and pullets of laying age inventory							
farms, 1987	38	24	35	18	30	44	21
1982	60	42	54	39	48	66	32
number, 1987	4 258	1 521	(D)	(D)	(D)	57 508	(D)
1982	(D)	(D)	(D)	(D)	4 780	(D)	(D)
Broilers and other meat-type chickens sold							
farms, 1987	14	4	9	6	9	13	4
1982	8	8	9	5	5	10	3
number, 1987	2 580	(D)	(D)	996	1 115	13 983	(D)
1982	(D)	(D)	4 106	1 200	615	1 090	315

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>							
Estimated market value of all machinery and equipment ----- farms, 1987..	757	1 381	1 147	1 101	731	536	444
1982..	923	1 433	1 303	1 301	896	605	512
Average per farm ----- \$1,000, 1987..	55 322	93 528	66 421	61 777	57 176	22 314	19 211
1982..	72 945	101 812	98 673	71 268	64 484	31 537	25 437
----- dollars, 1987..	73 080	67 725	57 908	56 110	78 216	41 630	43 267
1982..	79 031	71 048	75 728	54 779	71 969	52 128	49 681
Motortrucks, including pickups ----- farms, 1987..	715	1 269	1 040	1 009	650	480	410
1982..	864	1 295	1 187	1 158	816	566	490
number, 1987..	1 141	1 925	1 653	1 525	1 342	695	632
1982..	1 327	1 691	1 873	1 579	1 378	743	821
Wheel tractors ----- farms, 1987..	732	1 349	1 051	968	697	473	442
1982..	879	1 406	1 229	1 241	850	574	483
number, 1987..	2 347	4 888	3 752	3 216	2 304	1 272	1 303
1982..	2 803	4 335	4 302	3 644	2 535	1 568	1 428
Grain and bean combines <sup>2</sup> ----- farms, 1987..	532	685	613	628	446	240	223
1982..	548	603	706	688	595	297	209
number, 1987..	594	747	629	651	561	270	253
1982..	589	604	718	712	642	317	211
<b>LIVESTOCK AND POULTRY</b>							
Cattle and calves inventory ----- farms, 1987..	240	1 101	573	675	273	438	343
1982..	392	1 259	716	912	393	502	413
number, 1987..	32 436	108 169	61 931	65 110	21 901	35 140	47 375
1982..	52 391	119 499	80 549	97 459	36 491	44 712	65 236
Cows and heifers that had calved ----- farms, 1987..	156	974	378	520	215	411	312
1982..	256	1 144	490	689	308	480	379
number, 1987..	5 354	48 193	13 453	21 749	7 380	18 010	22 945
1982..	11 243	53 520	19 974	28 267	11 386	22 800	30 680
Beef cows ----- farms, 1987..	146	425	329	501	209	347	304
1982..	237	535	415	655	299	412	377
number, 1987..	5 111	18 044	(D)	20 400	7 039	16 249	22 252
1982..	(D)	22 531	16 373	26 184	11 111	20 074	30 047
Milk cows ----- farms, 1987..	11	662	60	48	11	91	23
1982..	26	763	96	75	25	124	36
number, 1987..	243	30 149	(D)	1 349	341	1 761	693
1982..	(D)	30 989	3 601	2 083	275	2 726	633
Heifers and heifer calves ----- farms, 1987..	179	950	454	513	205	341	290
1982..	7 727	33 908	25 826	17 083	5 877	7 655	12 388
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	205	898	478	584	239	392	312
1982..	19 355	26 068	22 652	26 278	8 644	9 475	12 042
Cattle and calves sold ----- farms, 1987..	249	1 127	603	703	285	449	356
1982..	414	1 270	721	938	398	508	423
number, 1987..	32 295	50 439	60 670	58 675	18 218	20 017	30 098
1982..	53 538	52 918	72 321	75 749	33 415	23 713	41 903
Calves ----- farms, 1987..	49	615	82	153	80	227	152
1982..	2 575	13 092	2 892	4 821	1 584	6 217	5 663
Cattle ----- farms, 1987..	223	1 008	571	630	241	368	301
1982..	377	1 089	658	837	355	410	341
number, 1987..	29 720	37 347	57 778	53 854	16 634	13 800	24 435
1982..	50 144	37 310	68 394	68 247	30 557	15 910	34 851
Fattened or grain and concentrates ----- farms, 1987..	142	316	437	401	128	76	65
1982..	22 360	19 512	50 150	42 981	11 395	2 902	5 926
Hogs and pigs inventory ----- farms, 1987..	266	709	533	532	181	211	132
1982..	351	784	652	681	271	252	183
number, 1987..	113 111	281 021	154 027	161 825	61 938	45 016	43 626
1982..	125 464	240 069	188 040	183 593	74 739	52 364	46 798
Used or to be used for breeding ----- farms, 1987..	187	532	423	400	110	171	98
1982..	239	628	505	513	170	196	145
number, 1987..	12 784	34 717	20 070	20 541	6 297	6 735	6 238
1982..	13 513	29 641	20 807	22 075	8 611	6 566	5 906
Other ----- farms, 1987..	260	688	508	512	174	199	128
1982..	335	756	610	648	256	238	172
number, 1987..	100 327	246 304	133 957	141 084	55 641	38 281	37 388
1982..	111 951	210 428	167 233	161 518	66 128	45 798	40 892
Hogs and pigs sold ----- farms, 1987..	283	745	561	562	196	214	131
1982..	370	827	692	749	285	274	198
number, 1987..	194 006	473 115	269 182	269 545	110 432	87 340	88 041
1982..	197 210	378 754	318 633	298 240	126 693	83 423	76 361
Feeder pigs ----- farms, 1987..	39	187	127	131	35	63	40
1982..	68	200	139	155	61	91	50
number, 1987..	12 096	70 476	45 558	48 743	10 825	22 292	31 114
1982..	19 595	61 873	61 308	55 220	19 312	22 210	18 392
Sheep and lambs inventory ----- farms, 1987..	76	59	80	63	38	96	33
1982..	82	57	90	78	66	133	21
number, 1987..	8 695	1 390	3 429	6 565	1 506	8 109	2 026
1982..	9 661	1 395	2 673	6 812	2 267	13 651	921
Sheep and lambs sold ----- farms, 1987..	77	56	80	66	38	99	32
1982..	83	58	88	100	81	138	24
number, 1987..	10 590	1 093	2 989	13 416	2 199	5 929	1 700
1982..	8 130	1 041	1 887	9 231	2 168	11 332	940
Hens and pullets of laying age inventory ----- farms, 1987..	20	71	36	51	23	66	20
1982..	19	80	65	101	51	85	32
number, 1987..	(D)	(D)	11 769	46 145	(D)	(D)	(D)
1982..	(D)	106 516	53 606	(D)	101 838	88 223	1 179
Broilers and other meat-type chickens sold ----- farms, 1987..	5	11	11	2	8	4	2
1982..	2	16	8	9	9	5	2
number, 1987..	4 705	12 931	1 486	(D)	(D)	1 400	(D)
1982..	(D)	4 335	1 800	2 231	2 726	1 391	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 276	512	498	1 390	564	1 296	779	894
1982..	1 327	583	571	1 434	628	1 363	865	1 050
\$1,000, 1987..	90 834	36 181	35 514	84 518	37 809	87 614	51 316	73 602
1982..	105 626	43 211	43 489	90 687	56 568	101 306	76 579	85 427
Average per farm ----- dollars, 1987..	71 186	70 665	71 313	60 805	67 038	67 603	65 874	82 329
1982..	79 587	74 118	76 163	63 241	90 076	74 326	88 530	81 359
Motortrucks, including pickups ----- farms, 1987..	1 162	498	479	1 266	517	1 175	746	822
1982..	1 215	559	527	1 209	560	1 238	810	910
number, 1987..	1 517	886	789	1 589	928	1 674	1 313	1 266
1982..	1 533	1 037	791	1 436	990	1 756	1 514	1 290
Wheel tractors ----- farms, 1987..	1 233	465	457	1 325	545	1 268	742	858
1982..	1 382	544	536	1 396	579	1 298	780	1 004
number, 1987..	4 204	1 606	1 555	4 472	2 037	4 605	2 543	2 861
1982..	4 057	1 715	1 803	4 514	1 956	4 286	2 650	3 304
Grain and bean combines <sup>2</sup> ----- farms, 1987..	754	368	346	545	448	727	517	602
1982..	661	392	338	394	459	729	535	660
number, 1987..	761	384	408	553	504	778	555	631
1982..	682	427	347	409	496	778	556	708
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987..	851	228	168	1 118	141	789	278	232
1982..	981	280	257	1 219	198	934	363	365
number, 1987..	77 712	16 895	25 598	114 601	15 933	76 477	20 579	18 996
1982..	82 837	25 174	43 377	120 772	26 445	89 871	26 147	37 198
Cows and heifers that had calved ----- farms, 1987..	682	192	111	897	105	601	198	147
1982..	773	237	169	1 022	146	755	264	245
number, 1987..	31 536	7 046	4 619	46 227	4 158	27 185	5 655	4 828
1982..	32 100	9 206	8 077	49 143	7 335	31 617	8 061	9 652
Beef cows ----- farms, 1987..	214	182	85	368	100	260	157	125
1982..	286	226	153	474	140	361	209	209
number, 1987..	7 288	(D)	(D)	12 934	(D)	9 542	(D)	3 903
1982..	8 550	8 622	7 384	17 282	(D)	13 057	5 856	8 326
Milk cows ----- farms, 1987..	514	17	27	598	7	394	50	26
1982..	557	18	21	648	10	472	77	51
number, 1987..	24 248	(D)	(D)	33 293	(D)	17 643	(D)	925
1982..	23 550	584	693	31 861	(D)	18 560	2 205	1 326
Heifers and heifer calves ----- farms, 1987..	703	174	118	911	107	645	207	166
number, 1987..	24 139	3 920	9 250	34 532	4 677	22 068	5 144	5 772
1982..	657	210	148	843	124	678	252	206
number, 1987..	22 037	5 929	11 729	33 842	7 098	27 224	9 780	8 396
Cattle and calves sold ----- farms, 1987..	863	240	177	1 134	141	805	291	243
1982..	964	276	263	1 223	206	947	368	386
number, 1987..	41 731	12 454	30 639	69 925	14 478	37 866	15 877	17 537
1982..	43 612	15 784	47 453	68 237	26 699	51 456	20 895	37 709
Calves ----- farms, 1987..	408	51	37	601	25	267	68	36
number, 1987..	7 459	901	770	14 198	547	6 876	1 242	691
1982..	737	218	159	972	128	738	264	233
number, 1987..	845	237	215	1 048	186	848	341	356
1982..	34 272	11 553	29 869	55 727	13 931	30 990	14 635	16 846
Fattened on grain and concentrates ----- farms, 1987..	35 675	14 174	45 667	53 815	24 396	45 439	18 995	36 042
number, 1987..	327	121	108	455	95	357	167	167
1982..	23 737	7 896	26 137	41 082	12 506	15 999	11 189	14 256
Hogs and pigs inventory ----- farms, 1987..	875	141	156	809	158	550	269	362
1982..	917	195	219	906	187	648	320	454
number, 1987..	454 079	43 786	62 035	297 016	54 436	202 960	100 736	167 826
1982..	408 465	59 338	66 486	276 336	63 776	223 807	107 509	184 627
Used or to be used for breeding ----- farms, 1987..	732	99	114	651	106	400	184	232
1982..	786	141	161	737	115	487	222	322
number, 1987..	58 377	5 702	7 438	40 320	6 542	24 317	11 645	21 646
1982..	48 487	7 229	7 580	31 180	6 945	25 292	13 663	26 431
Other ----- farms, 1987..	849	138	151	775	151	534	264	356
1982..	886	184	214	856	182	626	311	435
number, 1987..	395 702	38 064	54 589	256 696	47 894	178 643	89 091	146 180
1982..	359 978	52 109	58 896	245 156	56 831	198 515	93 846	158 196
Hogs and pigs sold ----- farms, 1987..	895	154	167	849	165	578	279	384
1982..	966	213	229	946	199	686	347	486
number, 1987..	745 649	90 502	102 329	515 476	101 887	367 803	198 326	352 824
1982..	598 542	106 133	108 423	413 115	116 435	381 759	188 188	323 849
Feeder pigs ----- farms, 1987..	224	32	43	216	35	131	73	67
1982..	180	42	38	205	35	122	68	86
number, 1987..	92 942	23 279	12 299	108 362	15 190	65 782	52 786	83 316
1982..	83 481	25 520	(D)	62 834	23 593	56 608	34 779	58 923
Sheep and lambs inventory ----- farms, 1987..	61	35	40	48	26	80	35	64
1982..	62	44	58	52	31	74	80	93
number, 1987..	2 246	1 762	3 600	1 476	1 882	3 993	940	2 808
1982..	1 915	1 750	4 094	1 280	1 336	2 813	3 057	6 287
Sheep and lambs sold ----- farms, 1987..	60	36	41	42	31	78	40	62
1982..	60	47	59	55	36	77	81	90
number, 1987..	1 576	1 483	3 145	1 383	1 878	4 544	1 406	2 224
1982..	2 107	1 391	4 850	1 097	1 288	3 013	2 431	7 455
Hens and pullets of laying age inventory ----- farms, 1987..	42	15	19	42	22	48	14	33
1982..	66	34	22	95	23	77	27	58
number, 1987..	(D)	634	(D)	(D)	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	15 499	(D)	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987..	3	-	10	16	4	9	10	15
1982..	9	3	8	11	5	11	8	5
number, 1987..	(D)	-	4 528	1 828	440	1 075	50 620	(D)
1982..	797	(D)	(D)	1 239	1 002	1 497	28 596	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	576	775	910	728	883	935	916	827
..... 1982 ..	635	693	1 007	841	1 033	1 086	1 012	951
..... \$1,000, 1987 ..	40 381	52 356	60 145	42 940	72 260	71 368	65 608	46 015
..... 1982 ..	53 953	74 753	70 241	43 653	80 490	85 740	80 742	62 471
..... Average per farm ----- dollars, 1987 ..	70 106	67 556	66 093	58 983	81 835	76 330	71 624	55 441
..... 1982 ..	84 965	83 710	69 752	51 906	77 919	78 950	79 785	65 690
Motortrucks, including pickups ----- farms, 1987 ..	536	739	835	683	806	877	823	776
..... 1982 ..	622	786	901	776	939	1 007	943	849
..... number, 1987 ..	1 097	1 358	1 255	1 273	1 378	1 209	1 445	1 369
..... 1982 ..	1 254	1 397	1 258	1 139	1 426	1 407	1 423	1 406
Wheel tractors ----- farms, 1987 ..	545	682	877	699	819	888	857	713
..... 1982 ..	604	831	910	788	913	1 005	903	888
..... number, 1987 ..	1 944	2 474	2 764	2 251	2 948	3 192	3 134	2 152
..... 1982 ..	1 946	2 846	2 819	2 364	2 982	3 670	2 927	2 705
Grain and bean combines <sup>2</sup> ----- farms, 1987 ..	360	560	531	463	635	686	630	516
..... 1982 ..	440	602	541	469	680	745	634	603
..... number, 1987 ..	386	592	597	534	680	728	680	570
..... 1982 ..	468	631	571	508	705	774	662	623
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987 ..	251	250	305	439	118	218	305	421
..... 1982 ..	329	357	400	569	226	350	390	558
..... number, 1987 ..	24 036	22 841	31 733	40 423	8 710	17 652	27 671	43 961
..... 1982 ..	34 991	41 124	40 507	61 762	23 648	30 158	54 313	50 019
Cows and heifers that had calved ----- farms, 1987 ..	210	200	203	387	78	121	229	345
..... 1982 ..	272	300	269	504	139	214	268	480
..... number, 1987 ..	8 213	6 721	6 618	15 653	1 711	3 612	8 490	16 626
..... 1982 ..	11 602	12 276	9 261	23 872	3 396	6 542	12 109	19 232
Beef cows ----- farms, 1987 ..	204	200	173	381	74	93	216	333
..... 1982 ..	(D)	295	203	494	129	165	255	457
..... number, 1987 ..	(D)	5 301	5 301	15 357	1 448	(D)	(D)	16 186
..... 1982 ..	11 357	12 193	7 277	23 257	(D)	4 648	11 471	18 150
Milk cows ----- farms, 1987 ..	9	3	37	15	5	30	16	21
..... 1982 ..	12	8	30	30	14	59	20	40
..... number, 1987 ..	(D)	(D)	1 317	296	263	(D)	(D)	440
..... 1982 ..	245	83	1 984	615	(D)	1 894	638	1 082
Heifers and heifer calves ----- farms, 1987 ..	205	190	233	366	95	149	233	336
..... 1982 ..	7 040	7 125	7 681	10 102	4 121	6 040	7 517	12 411
Steers, steer calves, bulls, and bull calves ----- farms, 1987 ..	228	221	257	405	88	188	264	386
..... 1982 ..	8 783	8 995	17 434	14 668	2 878	8 000	11 664	14 924
Cattle and calves sold ----- farms, 1987 ..	262	255	318	447	128	243	319	440
..... 1982 ..	338	372	421	586	224	358	397	578
..... number, 1987 ..	31 271	20 570	45 014	28 523	15 081	19 264	25 951	34 320
..... 1982 ..	39 201	41 074	42 503	46 222	34 215	27 467	51 778	32 575
Calves ----- farms, 1987 ..	61	74	51	151	24	43	61	104
..... 1982 ..	1 386	1 951	3 804	4 713	2 268	821	1 204	4 493
Cattle ----- farms, 1987 ..	232	214	293	374	122	230	302	397
..... 1982 ..	286	315	384	504	212	334	360	474
..... number, 1987 ..	29 885	18 619	41 210	23 810	12 813	18 443	24 747	29 827
..... 1982 ..	36 253	37 501	38 114	40 076	31 770	26 160	49 372	26 792
Fattened on grain and concentrates ----- farms, 1987 ..	104	116	214	134	80	176	215	206
..... 1982 ..	25 313	15 142	36 906	15 250	8 852	15 492	21 049	18 742
Hogs and pigs inventory ----- farms, 1987 ..	140	167	370	275	306	350	368	219
..... 1982 ..	164	264	444	346	398	462	433	314
..... number, 1987 ..	51 116	79 913	142 068	91 306	175 159	153 279	208 461	60 589
..... 1982 ..	50 080	93 391	161 706	102 886	191 606	184 812	206 042	82 925
Used or to be used for breeding ----- farms, 1987 ..	103	104	263	191	246	255	270	140
..... 1982 ..	117	166	320	245	306	340	307	210
..... number, 1987 ..	6 984	8 605	17 118	10 811	22 973	20 606	26 268	8 614
..... 1982 ..	6 243	8 696	18 016	11 525	25 085	21 396	22 188	10 429
Other ----- farms, 1987 ..	138	165	354	267	297	338	355	212
..... 1982 ..	156	253	426	331	377	446	419	298
..... number, 1987 ..	44 132	71 308	124 950	80 495	152 186	132 673	182 193	51 975
..... 1982 ..	43 837	84 695	143 690	91 361	166 521	163 416	183 854	72 496
Hogs and pigs sold ----- farms, 1987 ..	145	190	386	291	325	372	392	230
..... 1982 ..	167	291	469	374	423	494	462	329
..... number, 1987 ..	88 460	160 850	281 287	159 939	296 079	270 403	397 416	131 271
..... 1982 ..	71 617	157 040	286 447	165 039	330 038	301 264	350 759	173 687
Feeder pigs ----- farms, 1987 ..	25	42	90	65	67	89	94	54
..... 1982 ..	26	57	91	82	90	84	69	76
..... number, 1987 ..	10 461	22 734	55 548	35 993	52 060	43 645	76 210	47 464
..... 1982 ..	10 304	19 044	44 749	32 017	65 709	32 876	50 575	68 121
Sheep and lambs inventory ----- farms, 1987 ..	16	82	56	54	79	48	57	25
..... 1982 ..	19	106	88	59	79	71	68	38
..... number, 1987 ..	(D)	4 405	3 762	1 846	2 451	2 547	1 890	1 285
..... 1982 ..	1 352	5 140	6 469	2 759	3 135	4 596	2 211	1 942
Sheep and lambs sold ----- farms, 1987 ..	16	76	84	57	57	50	59	24
..... 1982 ..	23	110	94	60	79	76	74	39
..... number, 1987 ..	868	5 404	4 746	2 212	2 387	2 488	1 599	972
..... 1982 ..	1 503	7 948	9 365	2 233	2 445	5 022	2 195	1 791
Hens and pullets of laying age inventory ----- farms, 1987 ..	11	15	33	29	18	27	33	32
..... 1982 ..	18	34	58	34	33	51	45	42
..... number, 1987 ..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
..... 1982 ..	(D)	(D)	28 527	(D)	7 629	(D)	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987 ..	-	8	24	10	12	14	9	4
..... 1982 ..	-	6	19	6	5	9	14	5
..... number, 1987 ..	-	(D)	10 080	(D)	(D)	1 449	1 662	800
..... 1982 ..	(D)	(D)	6 979	1 150	(D)	(D)	3 240	391

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	612	782	685	689	849	1 020	1 110	523
1982 ..	712	888	779	777	967	1 138	1 273	653
\$1,000, 1987 ..	43 769	43 205	51 635	37 570	50 934	48 068	65 350	29 640
1982 ..	52 122	51 664	69 708	44 213	57 101	64 452	80 475	44 698
Average per farm ----- dollars, 1987 ..	71 517	55 249	75 379	54 528	59 993	47 126	58 874	56 673
1982 ..	73 205	58 180	89 484	56 902	59 049	56 636	63 217	68 451
Motortrucks, including pickups ----- farms, 1987 ..	565	678	623	658	758	935	1 054	484
1982 ..	663	742	725	718	872	1 042	1 161	600
number, 1987 ..	878	1 077	958	976	1 276	1 259	1 694	881
1982 ..	1 116	1 083	1 185	997	1 439	1 376	1 890	920
Wheel tractors ----- farms, 1987 ..	578	733	628	689	777	1 010	1 040	492
1982 ..	644	851	746	694	898	1 078	1 157	604
number, 1987 ..	1 931	2 575	2 373	2 101	2 714	3 496	3 436	1 690
1982 ..	1 947	2 763	2 562	2 052	2 992	3 600	3 584	1 903
Grain and bean combines <sup>2</sup> ----- farms, 1987 ..	447	511	545	424	436	413	695	329
1982 ..	463	500	611	414	444	420	787	408
number, 1987 ..	485	589	671	427	482	454	769	375
1982 ..	495	525	650	424	457	421	817	433
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987 ..	252	436	138	344	531	874	623	289
1982 ..	341	561	193	494	678	952	834	426
number, 1987 ..	16 408	33 432	19 593	42 008	56 176	101 860	56 604	22 030
1982 ..	25 880	45 397	24 173	66 740	78 888	107 818	81 681	32 055
Cows and heifers that had calved ----- farms, 1987 ..	211	350	81	248	451	714	496	246
1982 ..	278	464	109	326	579	827	666	361
number, 1987 ..	6 545	12 573	3 161	10 677	20 924	34 401	19 129	8 636
1982 ..	9 659	17 038	4 307	15 303	28 107	40 577	29 254	13 157
Beef cows ----- farms, 1987 ..	206	206	71	238	430	555	469	238
1982 ..	267	254	99	315	542	670	620	344
number, 1987 ..	6 199	6 502	(D)	(D)	19 618	24 783	(D)	7 932
1982 ..	9 208	8 958	3 785	(D)	25 721	30 354	26 188	12 226
Milk cows ----- farms, 1987 ..	9	162	11	17	43	226	35	15
1982 ..	23	241	11	27	91	278	65	40
number, 1987 ..	346	6 071	(D)	(D)	1 306	9 618	(D)	704
1982 ..	451	8 080	522	(D)	2 386	10 223	3 066	931
Heifers and heifer calves ----- farms, 1987 ..	189	336	100	259	439	719	495	226
number, 1987 ..	4 219	9 105	6 918	10 561	16 040	31 899	15 779	6 300
Steers, steer calves, bulls, and bull calves ----- farms, 1987 ..	227	389	110	308	484	765	553	255
number, 1987 ..	5 644	11 754	9 514	20 770	19 212	35 560	21 696	7 094
Cattle and calves sold ----- farms, 1987 ..	265	440	137	371	549	883	646	301
1982 ..	341	567	197	498	680	972	853	433
number, 1987 ..	13 265	18 951	19 461	45 219	40 442	68 244	45 292	14 438
1982 ..	17 867	25 276	25 520	59 418	56 733	66 434	60 321	20 588
Calves ----- farms, 1987 ..	89	136	26	55	142	244	149	97
number, 1987 ..	1 848	2 055	726	789	4 211	5 334	4 894	2 543
Cattle ----- farms, 1987 ..	224	396	122	347	487	784	575	262
1982 ..	281	518	178	476	593	831	727	365
number, 1987 ..	11 417	16 896	18 735	44 430	36 231	62 910	40 398	11 895
1982 ..	14 701	22 251	22 990	57 355	50 841	57 209	53 164	16 843
Fattened on grain and concentrates ----- farms, 1987 ..	122	188	87	264	308	443	363	134
number, 1987 ..	7 830	11 722	16 946	38 152	29 051	44 528	31 487	7 597
Hogs and pigs inventory ----- farms, 1987 ..	224	341	191	301	417	514	469	209
1982 ..	296	393	265	362	564	608	601	285
number, 1987 ..	98 434	97 867	94 428	92 215	157 258	134 589	208 087	76 832
1982 ..	122 790	96 867	101 884	112 396	189 326	149 940	235 740	87 537
Used or to be used for breeding ----- farms, 1987 ..	184	271	122	195	349	410	383	160
1982 ..	226	319	169	243	489	509	489	219
number, 1987 ..	13 544	13 709	10 631	10 075	20 504	19 505	25 383	9 291
1982 ..	14 681	12 080	11 642	11 642	23 724	18 581	26 866	10 812
Other ----- farms, 1987 ..	217	325	182	295	405	475	458	198
1982 ..	286	363	260	346	541	565	576	273
number, 1987 ..	84 890	84 158	83 797	82 140	136 754	115 084	182 704	67 541
1982 ..	108 109	84 787	90 242	100 753	165 602	131 359	208 874	76 725
Hogs and pigs sold ----- farms, 1987 ..	244	351	208	326	427	534	486	224
1982 ..	324	423	295	385	592	634	638	310
number, 1987 ..	176 854	162 990	181 669	166 880	251 391	241 784	348 770	143 447
1982 ..	209 202	149 071	202 532	180 680	309 862	230 220	388 371	156 704
Feeder pigs ----- farms, 1987 ..	51	94	35	53	85	158	105	49
1982 ..	77	97	51	76	123	177	136	78
number, 1987 ..	32 891	28 612	37 270	16 716	24 035	61 360	53 927	40 869
1982 ..	39 140	26 144	52 234	22 729	41 101	45 654	60 763	44 589
Sheep and lambs inventory ----- farms, 1987 ..	89	35	60	45	86	53	84	60
1982 ..	75	46	71	58	96	56	125	74
number, 1987 ..	3 568	3 389	1 940	2 488	3 933	2 226	4 220	4 434
1982 ..	5 079	2 249	3 185	2 564	4 609	1 878	4 227	3 429
Sheep and lambs sold ----- farms, 1987 ..	72	37	66	51	91	51	69	58
1982 ..	77	44	78	62	99	64	133	78
number, 1987 ..	3 504	3 635	2 301	2 985	3 587	1 647	3 276	4 289
1982 ..	4 543	1 746	2 769	2 404	3 455	1 368	3 767	4 108
Hens and pullets of laying age inventory ----- farms, 1987 ..	16	37	16	23	29	57	44	27
1982 ..	38	64	39	41	65	95	61	42
number, 1987 ..	(D)	(D)	33 756	(D)	(D)	(D)	(D)	2 709
1982 ..	(D)	48 880	(D)	(D)	(D)	34 713	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987 ..	2	4	1	5	2	18	8	2
1982 ..	6	5	7	7	13	13	11	3
number, 1987 ..	(D)	(D)	(D)	385	(D)	5 826	1 180	(D)
1982 ..	(D)	(D)	(D)	620	(D)	2 544	1 746	(D)

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	966	931	778	1 569	606	1 108	486	381
1982..	1 135	1 078	952	1 747	726	1 257	580	469
\$1,000, 1987..	63 022	58 150	50 980	120 890	34 118	67 975	39 396	14 718
1982..	66 303	71 565	73 813	150 428	46 663	83 465	46 061	19 083
Average per farm ----- dollars, 1987..	65 240	62 459	65 527	77 049	56 300	61 349	81 062	38 629
1982..	58 417	66 387	77 534	86 106	64 275	66 400	82 251	40 688
Motortrucks, including pickups ----- farms, 1987..	814	863	743	1 400	589	1 024	456	361
1982..	947	1 010	853	1 603	682	1 149	540	416
number, 1987..	1 345	1 304	1 190	2 127	1 092	1 636	835	571
1982..	1 385	1 365	1 277	2 376	1 241	1 837	816	561
Wheel tractors ----- farms, 1987..	944	838	750	1 515	589	1 092	452	364
1982..	1 026	1 028	865	1 606	897	1 202	522	410
number, 1987..	3 231	3 135	2 478	5 340	1 997	3 678	1 577	1 104
1982..	3 128	3 725	2 675	5 485	2 285	3 738	1 577	1 079
Grain and bean combines <sup>2</sup> ----- farms, 1987..	540	520	531	1 124	387	823	329	162
1982..	524	490	575	1 298	448	614	407	174
number, 1987..	602	531	550	1 223	413	644	367	172
1982..	533	501	617	1 380	470	659	421	186
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987..	555	572	423	381	373	558	196	326
1982..	657	717	551	546	434	665	259	383
number, 1987..	42 057	70 179	35 442	34 223	30 923	42 648	12 841	35 463
1982..	51 464	81 535	48 622	55 334	35 943	50 640	19 246	44 290
Cows and heifers that had calved ----- farms, 1987..	494	438	380	213	291	438	162	308
1982..	563	565	489	298	357	543	209	359
number, 1987..	16 824	21 063	15 954	7 441	10 698	14 312	5 511	17 782
1982..	19 281	27 792	20 670	10 718	13 071	18 388	7 305	21 900
Beef cows ----- farms, 1987..	385	332	372	154	266	340	158	302
1982..	453	440	467	221	335	422	207	353
number, 1987..	13 185	15 508	(D)	(D)	9 004	10 309	5 320	17 302
1982..	16 093	21 807	19 839	8 063	11 131	13 609	(D)	21 434
Milk cows ----- farms, 1987..	124	143	15	69	38	119	9	10
1982..	137	174	38	92	51	147	6	16
number, 1987..	3 639	5 555	(D)	(D)	1 694	4 003	191	480
1982..	3 188	5 985	831	2 655	1 940	4 779	(D)	466
Heifers and heifer calves ----- farms, 1987..	469	439	324	269	287	436	144	267
1982..	10 166	21 807	8 041	9 518	9 035	10 987	3 441	7 823
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	515	493	394	309	339	489	174	310
1982..	15 067	27 309	11 447	17 264	11 190	17 349	3 889	9 858
Cattle and calves sold ----- farms, 1987..	559	596	426	398	380	575	196	333
1982..	656	712	547	560	452	663	262	402
number, 1987..	28 176	57 820	20 688	35 072	24 919	31 574	8 665	19 700
1982..	31 469	56 675	29 381	57 340	24 226	31 430	13 206	24 695
Calves ----- farms, 1987..	191	125	142	95	123	149	51	154
1982..	3 211	3 296	3 724	2 582	3 314	2 468	1 307	5 689
Cattle ----- farms, 1987..	493	559	345	357	340	526	171	274
1982..	555	621	436	519	390	597	241	340
number, 1987..	24 965	54 524	16 964	32 490	21 805	29 106	7 358	14 011
1982..	26 865	51 470	24 095	53 320	21 164	27 875	11 771	18 063
Fattened on grain and concentrates ----- farms, 1987..	282	329	202	248	217	302	120	74
1982..	17 764	43 347	11 869	28 752	17 619	23 209	5 852	5 904
Hogs and pigs inventory ----- farms, 1987..	525	474	431	585	246	414	194	128
1982..	651	569	567	733	299	491	244	189
number, 1987..	200 151	195 494	186 830	231 869	105 055	128 014	65 601	27 794
1982..	232 770	200 119	260 655	265 836	120 586	128 866	86 800	37 519
Used or to be used for breeding ----- farms, 1987..	433	347	377	434	185	314	164	94
1982..	553	425	498	530	233	372	197	153
number, 1987..	26 541	28 705	26 520	28 238	13 182	16 347	9 341	3 756
1982..	28 535	23 894	29 841	29 549	13 781	16 541	10 871	5 378
Other ----- farms, 1987..	506	458	414	561	239	397	188	118
1982..	625	545	562	706	282	470	238	181
number, 1987..	173 610	168 789	160 310	203 631	91 873	109 667	56 260	24 038
1982..	204 235	176 425	230 814	236 287	106 805	112 325	75 929	32 141
Hogs and pigs sold ----- farms, 1987..	551	501	461	619	260	434	204	129
1982..	688	605	612	781	320	525	260	209
number, 1987..	348 398	358 711	349 261	390 835	186 072	206 128	113 960	46 228
1982..	387 307	325 687	393 223	451 611	197 183	199 903	138 635	62 278
Feeder pigs ----- farms, 1987..	145	92	119	149	56	88	49	28
1982..	196	103	131	150	83	103	69	50
number, 1987..	62 485	71 987	68 770	55 334	29 053	22 565	15 330	8 157
1982..	82 630	43 963	62 200	57 060	38 891	26 872	24 354	12 636
Sheep and lambs inventory ----- farms, 1987..	141	74	86	112	53	120	40	44
1982..	167	89	106	139	75	122	50	47
number, 1987..	10 419	2 216	10 678	6 077	3 576	5 600	1 557	2 851
1982..	9 708	3 346	9 902	6 718	6 781	4 785	1 383	5 674
Sheep and lambs sold ----- farms, 1987..	141	70	87	118	56	123	46	46
1982..	170	86	112	142	74	125	49	49
number, 1987..	9 470	1 715	11 613	6 124	3 289	4 822	1 407	3 912
1982..	11 708	2 859	14 594	5 704	4 958	5 318	1 005	6 974
Hens and pullets of laying age inventory ----- farms, 1987..	109	41	39	62	26	42	23	16
1982..	133	69	48	97	58	75	27	28
number, 1987..	452 902	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982..	267 119	11 896	(D)	(D)	(D)	15 387	1 424	(D)
Broilers and other meat-type chickens sold ----- farms, 1987..	25	6	12	29	-	10	4	1
1982..	27	9	4	15	5	14	4	2
number, 1987..	10 425	(D)	(D)	6 097	-	3 215	(D)	(D)
1982..	4 271	1 557	(D)	2 576	300	1 346	(D)	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987..	1 097	633	951	741	838	480	763	696
1982..	1 249	759	1 050	837	934	527	848	774
\$1,000, 1987..	63 804	34 516	54 319	36 510	52 084	31 556	49 043	51 157
1982..	73 120	42 725	75 088	44 465	65 752	39 765	62 691	54 544
Average per farm ----- dollars, 1987..	58 162	54 527	57 118	49 272	62 153	65 741	64 276	73 501
1982..	58 543	56 291	71 512	53 125	70 398	75 455	73 928	70 470
Motortrucks, including pickups ----- farms, 1987..	1 010	566	844	663	764	461	698	657
1982..	1 138	683	967	763	879	466	752	716
number, 1987..	1 382	929	1 245	971	1 492	717	1 181	1 314
1982..	1 450	1 082	1 437	1 158	1 602	809	1 233	1 119
Wheel tractors ----- farms, 1987..	1 035	564	909	686	793	469	731	631
1982..	1 136	699	968	744	851	500	814	696
number, 1987..	3 638	1 629	2 844	1 984	2 876	1 504	2 787	2 280
1982..	3 451	1 957	2 790	2 271	2 738	1 522	2 891	2 261
Grain and bean combines <sup>2</sup> ----- farms, 1987..	717	415	639	424	517	290	474	466
1982..	620	391	611	448	540	306	510	458
number, 1987..	754	440	696	445	549	331	487	515
1982..	644	395	656	456	582	319	511	499
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987..	611	481	497	424	376	211	310	280
1982..	822	584	646	553	495	282	385	361
number, 1987..	68 536	43 367	45 031	32 336	34 325	20 690	34 499	36 132
1982..	94 604	62 450	62 768	47 061	46 488	31 545	39 178	54 651
Cows and heifers that had calved ----- farms, 1987..	371	433	365	349	297	166	192	195
1982..	524	546	466	462	413	233	259	253
number, 1987..	14 573	19 627	12 668	12 720	11 118	6 560	6 828	8 665
1982..	22 471	27 772	17 651	19 024	15 181	9 813	9 749	10 922
Beef cows ----- farms, 1987..	260	431	332	323	285	162	99	189
1982..	383	540	416	418	397	226	147	237
number, 1987..	10 033	19 540	11 378	11 400	10 384	(D)	(D)	(D)
1982..	16 575	27 380	15 522	16 695	14 368	9 570	5 203	10 421
Milk cows ----- farms, 1987..	131	15	45	35	16	4	108	11
1982..	190	32	71	71	28	12	133	25
number, 1987..	4 540	87	1 290	1 320	734	(D)	(D)	(D)
1982..	5 896	392	2 129	2 329	813	243	4 546	501
Heifers and heifer calves ----- farms, 1987..	425	400	379	336	290	166	237	218
1982..	21 300	11 056	14 760	9 426	7 413	6 383	10 522	8 054
Steers, steer calves, bulls, and bull calves ----- farms, 1987..	509	442	426	379	339	180	264	244
1982..	32 663	12 684	17 603	10 190	15 794	7 747	17 149	19 413
Cattle and calves sold ----- farms, 1987..	647	495	515	437	381	219	325	291
1982..	853	593	651	572	510	290	400	369
number, 1987..	77 120	23 121	43 056	21 217	27 017	22 941	34 441	31 269
1982..	97 228	36 555	50 393	32 170	34 771	32 488	35 442	45 133
Calves ----- farms, 1987..	136	191	150	144	82	62	91	76
1982..	3 450	4 958	4 036	3 941	1 432	1 580	5 750	2 105
Cattle ----- farms, 1987..	593	410	443	372	337	191	303	262
1982..	766	471	572	480	460	243	366	317
number, 1987..	73 670	18 163	39 020	17 276	25 585	21 361	28 691	29 164
1982..	92 077	28 273	46 495	26 255	32 276	30 663	32 445	41 128
Fattened on grain and concentrates ----- farms, 1987..	371	142	286	147	224	102	192	140
1982..	59 096	7 747	33 527	9 413	19 888	18 083	23 938	23 587
Hogs and pigs inventory ----- farms, 1987..	549	238	468	340	273	143	360	207
1982..	687	353	610	460	326	207	404	260
number, 1987..	199 960	70 962	229 932	128 545	109 260	42 230	144 939	56 189
1982..	199 958	95 328	275 641	161 193	112 431	57 521	159 248	67 353
Used or to be used for breeding ----- farms, 1987..	365	198	375	284	214	98	271	155
1982..	416	280	495	393	238	150	299	207
number, 1987..	23 920	9 506	29 908	19 331	14 533	5 203	20 338	7 793
1982..	20 736	11 784	32 874	23 651	14 143	6 551	19 428	8 777
Other ----- farms, 1987..	532	225	455	310	268	136	342	197
1982..	668	338	589	441	313	192	390	246
number, 1987..	176 040	61 456	200 024	109 214	94 727	37 027	124 601	48 396
1982..	179 222	83 544	242 767	137 542	98 288	50 970	139 820	58 576
Hogs and pigs sold ----- farms, 1987..	580	255	499	357	284	145	375	222
1982..	736	371	653	491	355	220	429	287
number, 1987..	403 912	121 878	405 297	225 300	190 438	75 932	271 883	100 178
1982..	362 756	156 908	444 723	277 964	197 826	103 686	248 957	116 473
Feeder pigs ----- farms, 1987..	158	68	97	122	50	18	97	55
1982..	143	126	149	152	59	38	72	63
number, 1987..	106 550	23 323	57 202	62 235	22 081	6 228	45 655	17 788
1982..	69 208	38 889	70 575	70 132	32 272	22 494	26 576	19 926
Sheep and lambs inventory ----- farms, 1987..	84	61	81	41	85	21	56	31
1982..	86	71	81	45	88	19	64	37
number, 1987..	6 836	4 644	4 268	2 845	4 058	991	1 608	1 447
1982..	7 118	4 925	6 219	5 795	3 694	968	3 076	2 915
Sheep and lambs sold ----- farms, 1987..	84	59	80	41	82	22	52	34
1982..	100	73	84	46	85	21	68	37
number, 1987..	6 810	4 963	4 226	2 381	4 728	919	2 037	1 909
1982..	7 617	4 739	4 843	5 389	3 013	1 182	3 261	2 257
Hens and pullets of laying age inventory ----- farms, 1987..	43	27	52	32	22	15	51	29
1982..	77	47	83	57	34	15	64	35
number, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1 257
1982..	(D)	(D)	147 085	(D)	76 302	(D)	408 418	7 019
Broilers and other meat-type chickens sold ----- farms, 1987..	14	2	9	7	6	2	10	-
1982..	18	2	2	6	6	-	13	4
number, 1987..	4 630	(D)	(D)	490	1 345	(D)	(D)	(D)
1982..	2 639	(D)	(D)	(D)	850	(D)	(D)	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Monroe	Montgomery	Muscataine	O'Brien	Osceola	Page	Palo Alto	Plymouth
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987--	441	560	613	1 111	658	771	832	1 465
1982--	476	622	743	1 221	752	840	942	1 624
\$1,000, 1987--	17 376	34 806	41 380	70 780	43 347	39 086	57 585	86 359
1982--	21 594	40 846	52 689	79 897	56 187	52 119	74 375	106 423
Average per farm ----- dollars, 1987--	39 402	62 154	67 504	63 709	65 876	50 695	69 212	58 948
1982--	45 366	65 669	70 914	65 436	74 717	62 047	78 955	65 531
Motortrucks, including pickups ----- farms, 1987--	410	500	583	1 004	619	716	788	1 335
1982--	415	563	725	1 087	714	766	856	1 458
number, 1987--	602	790	1 074	1 440	936	1 145	1 092	1 922
1982--	598	902	1 231	1 361	963	1 192	1 192	2 001
Wheel tractors ----- farms, 1987--	431	542	526	1 064	621	770	789	1 405
1982--	427	559	709	1 146	653	799	853	1 524
number, 1987--	1 227	1 821	1 947	3 662	2 275	2 343	2 827	4 580
1982--	1 044	1 696	2 536	3 568	2 083	2 242	2 818	5 032
Grain and bean combines <sup>2</sup> ----- farms, 1987--	247	308	354	737	474	481	627	804
1982--	180	346	463	643	497	500	616	864
number, 1987--	276	340	369	875	509	537	675	856
1982--	190	368	475	685	503	513	635	942
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987--	364	298	282	359	253	481	193	700
1982--	400	407	387	500	338	597	323	960
number, 1987--	35 617	28 423	25 062	54 124	28 895	43 961	18 480	84 391
1982--	47 460	48 336	36 239	86 946	39 010	60 147	30 078	123 072
Cows and heifers that had calved ----- farms, 1987--	319	233	234	224	129	406	107	468
1982--	365	300	329	290	180	496	191	627
number, 1987--	17 201	9 649	9 654	8 473	3 770	15 765	3 722	16 957
1982--	22 254	13 758	13 556	12 004	5 408	19 044	6 078	26 967
Beef cows ----- farms, 1987--	307	228	210	172	76	398	87	433
1982--	349	293	288	234	111	487	164	569
number, 1987--	16 335	9 355	8 217	(D)	(D)	15 498	3 032	15 147
1982--	21 223	(D)	11 690	(D)	3 648	18 629	5 271	23 759
Milk cows ----- farms, 1987--	23	11	33	61	58	14	22	58
1982--	36	26	56	72	80	25	39	91
number, 1987--	866	294	1 437	(D)	(D)	267	690	1 810
1982--	1 031	(D)	1 866	(D)	1 760	415	807	3 208
Heifers and heifer calves ----- farms, 1987--	248	214	222	285	190	394	123	518
number, 1987--	8 085	7 377	5 872	19 159	10 526	11 412	6 484	32 916
Steers, steer calves, bulls, and bull calves ----- farms, 1987--	320	272	310	249	199	448	163	593
number, 1987--	10 331	11 397	9 536	26 492	14 599	16 784	8 274	34 518
Cattle and calves sold ----- farms, 1987--	376	327	292	383	281	509	202	725
1982--	408	419	383	519	370	610	349	1 007
number, 1987--	25 674	22 542	16 343	84 383	27 943	32 547	20 301	90 862
1982--	28 435	39 338	23 985	107 597	45 363	43 304	33 524	113 739
Calves ----- farms, 1987--	157	85	69	86	63	143	22	135
number, 1987--	5 461	1 929	1 837	1 828	1 856	3 943	(D)	3 554
Cattle ----- farms, 1987--	304	303	271	345	259	455	189	662
1982--	326	376	334	471	349	546	323	924
number, 1987--	20 213	20 613	14 506	82 555	26 087	28 604	(D)	87 308
1982--	20 617	35 173	20 977	104 414	43 240	38 282	31 338	106 971
Fattened on grain and concentrates ----- farms, 1987--	83	157	181	236	162	241	143	429
number, 1987--	4 740	13 869	10 355	74 447	21 708	21 838	16 624	71 146
Hogs and pigs inventory ----- farms, 1987--	136	214	240	517	253	291	327	818
1982--	206	265	349	560	332	375	386	988
number, 1987--	31 163	60 940	90 399	219 137	97 133	82 009	113 232	331 551
1982--	50 127	71 772	119 314	209 620	104 566	104 522	128 830	362 917
Used or to be used for breeding ----- farms, 1987--	103	167	182	350	154	213	226	645
1982--	171	199	272	377	193	272	281	771
number, 1987--	4 952	8 233	10 087	25 777	10 916	10 526	13 532	46 895
1982--	6 877	8 888	12 821	22 900	11 049	11 181	14 346	44 789
Other ----- farms, 1987--	127	206	231	502	246	283	323	794
1982--	183	257	337	535	317	371	374	955
number, 1987--	26 211	52 707	80 312	193 360	86 217	71 483	99 700	284 656
1982--	43 250	62 884	106 493	186 720	93 517	93 341	114 484	318 128
Hogs and pigs sold ----- farms, 1987--	140	234	257	555	265	302	350	846
1982--	220	287	370	593	359	398	423	1 035
number, 1987--	74 192	98 742	151 079	407 792	178 518	146 771	218 969	623 187
1982--	91 407	109 134	182 715	400 383	190 278	170 649	225 612	576 603
Feeder pigs ----- farms, 1987--	32	31	40	109	62	48	72	207
1982--	67	34	55	119	68	65	67	258
number, 1987--	26 832	7 082	12 781	83 531	(D)	23 844	(D)	138 681
1982--	28 532	5 703	14 369	67 715	36 218	22 754	29 679	117 983
Sheep and lambs inventory ----- farms, 1987--	36	32	69	66	47	37	46	81
1982--	48	39	73	96	58	35	63	101
number, 1987--	1 763	2 000	2 888	3 313	3 812	1 724	4 073	6 506
1982--	3 747	2 395	2 423	4 448	14 085	3 375	4 349	4 821
Sheep and lambs sold ----- farms, 1987--	37	32	70	75	51	37	52	81
1982--	46	39	75	99	62	39	70	106
number, 1987--	1 698	1 030	2 588	3 734	3 516	1 642	4 881	7 577
1982--	4 077	2 968	2 185	4 662	31 304	2 683	13 259	5 049
Hens and pullets of laying age inventory ----- farms, 1987--	16	18	29	30	20	40	30	66
1982--	29	41	45	40	33	54	28	95
number, 1987--	(D)	2 198	2 616	(D)	(D)	(D)	(D)	(D)
1982--	14 383	(D)	(D)	(D)	85 832	(D)	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987--	-	5	4	22	11	3	10	9
1982--	-	1	5	8	12	4	8	14
number, 1987--	-	953	380	(D)	3 283	250	(D)	6 940
1982--	-	(D)	(D)	(D)	(D)	92	1 375	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment								
..... farms, 1987	892	577	1 241	829	505	933	734	1 031
..... farms, 1982	1 037	705	1 417	955	601	1 043	861	1 159
..... \$1,000, 1987	73 155	42 794	86 705	53 302	25 645	59 858	51 222	58 979
..... \$1,000, 1982	80 554	46 087	108 700	59 410	35 922	75 041	72 199	66 523
Average per farm								
..... dollars, 1987	82 012	74 167	69 867	64 297	50 782	64 156	69 785	57 205
..... dollars, 1982	77 680	65 372	76 712	62 209	59 771	71 947	83 855	57 397
Mototrucks, including pickups								
..... farms, 1987	827	550	1 187	784	474	835	676	929
..... farms, 1982	923	639	1 288	902	581	883	820	1 036
..... number, 1987	1 267	1 020	2 180	1 433	795	1 385	1 170	1 409
..... number, 1982	1 303	1 131	2 127	1 464	925	1 352	1 359	1 403
Wheel tractors								
..... farms, 1987	872	570	1 192	805	452	904	703	949
..... farms, 1982	914	635	1 338	908	571	923	825	1 010
..... number, 1987	2 929	2 107	4 175	2 684	1 268	3 310	2 420	3 322
..... number, 1982	2 962	1 796	4 288	2 769	1 840	3 191	2 843	3 146
Grain and bean combines <sup>2</sup>								
..... farms, 1987	672	369	761	546	374	665	475	688
..... farms, 1982	726	429	857	561	375	565	559	679
..... number, 1987	716	436	820	606	426	746	488	721
..... number, 1982	804	454	912	604	405	630	580	694
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory								
..... farms, 1987	190	182	620	549	408	314	327	537
..... farms, 1982	291	279	838	675	498	484	412	713
..... number, 1987	17 634	12 845	71 137	50 206	48 738	50 886	29 426	48 485
..... number, 1982	27 519	18 948	110 274	67 206	64 801	83 529	42 110	76 412
Cows and heifers that had calved								
..... farms, 1987	105	148	465	461	379	223	240	400
..... farms, 1982	158	221	612	592	457	332	291	538
..... number, 1987	2 737	5 399	19 357	19 305	24 389	9 659	8 403	13 652
..... number, 1982	3 706	6 419	24 065	26 795	29 270	15 601	11 168	20 643
Beef cows								
..... farms, 1987	100	137	456	447	371	210	208	380
..... farms, 1982	145	207	588	568	448	306	238	508
..... number, 1987	(D)	(D)	18 819	18 175	23 760	8 701	(D)	(D)
..... number, 1982	3 213	(D)	22 857	25 379	28 153	(D)	(D)	19 718
Milk cows								
..... farms, 1987	8	13	16	37	14	25	38	24
..... farms, 1982	20	21	35	55	39	33	64	45
..... number, 1987	(D)	(D)	538	1 130	629	958	(D)	(D)
..... number, 1982	493	(D)	1 208	1 416	1 117	(D)	(D)	925
Heifers and heifer calves								
..... farms, 1987	131	130	499	444	326	244	259	390
..... farms, 1982	7 072	3 352	23 580	13 000	10 523	17 472	9 708	10 883
Steers, steer calves, bulls, and bull calves								
..... farms, 1987	146	156	549	504	371	262	285	484
..... farms, 1982	7 825	4 094	28 200	17 901	13 826	23 755	11 315	23 950
Cattle and calves sold								
..... farms, 1987	194	190	661	555	419	335	336	570
..... farms, 1982	297	284	866	679	509	516	407	732
..... number, 1987	21 794	9 723	76 811	33 067	31 142	61 660	27 657	48 160
..... number, 1982	32 020	12 132	135 886	43 211	39 997	92 379	32 316	63 787
Calves								
..... farms, 1987	47	50	122	157	163	64	52	92
..... farms, 1982	(D)	895	3 877	3 861	6 457	1 258	1 005	1 275
Cattle								
..... farms, 1987	177	167	611	493	348	308	309	532
..... farms, 1982	273	253	794	594	425	463	380	654
..... number, 1987	(D)	8 828	72 934	29 206	24 685	60 402	26 652	46 885
..... number, 1982	30 856	10 587	131 761	37 935	31 938	89 446	31 039	58 610
Fattened on grain and concentrates								
..... farms, 1987	110	95	418	278	113	205	251	360
..... farms, 1982	19 254	6 246	65 241	18 245	9 340	53 479	24 155	39 296
Hogs and pigs inventory								
..... farms, 1987	295	135	437	358	200	428	315	475
..... farms, 1982	357	193	552	449	242	502	407	556
..... number, 1987	117 257	40 105	129 690	115 340	53 648	216 125	137 419	173 260
..... number, 1982	118 356	48 428	156 399	143 878	55 945	210 702	152 193	180 367
Used or to be used for breeding								
..... farms, 1987	191	107	318	274	159	331	246	320
..... farms, 1982	234	147	414	371	193	377	319	372
..... number, 1987	13 308	5 603	16 583	15 734	6 524	26 953	16 612	20 228
..... number, 1982	13 504	5 703	19 924	16 934	6 494	25 782	17 140	19 481
Other								
..... farms, 1987	287	131	423	353	194	412	311	468
..... farms, 1982	347	178	525	432	233	481	388	539
..... number, 1987	103 949	34 502	113 107	99 806	47 124	189 172	120 807	153 032
..... number, 1982	104 852	42 725	136 475	126 944	49 451	184 920	135 053	160 886
Hogs and pigs sold								
..... farms, 1987	309	143	477	369	203	439	327	494
..... farms, 1982	392	210	590	473	265	526	429	596
..... number, 1987	223 982	72 283	236 754	210 378	89 166	384 486	217 350	299 342
..... number, 1982	229 947	84 245	255 594	209 221	84 991	347 790	231 892	297 422
Feeder pigs								
..... farms, 1987	53	38	106	64	41	116	45	117
..... farms, 1982	82	48	115	88	44	117	53	93
..... number, 1987	(D)	8 774	50 002	(D)	14 485	74 802	12 065	(D)
..... number, 1982	57 059	16 427	59 817	22 206	13 444	66 291	15 304	58 808
Sheep and lambs inventory								
..... farms, 1987	36	36	68	75	29	84	72	47
..... farms, 1982	51	54	89	92	31	111	69	69
..... number, 1987	2 429	1 903	2 954	4 818	1 938	6 624	1 914	1 790
..... number, 1982	2 526	2 820	5 080	4 061	1 387	6 542	2 386	2 525
Sheep and lambs sold								
..... farms, 1987	37	38	67	81	32	86	67	45
..... farms, 1982	59	58	90	94	30	113	71	73
..... number, 1987	2 952	2 111	2 015	6 613	1 638	6 403	1 584	1 702
..... number, 1982	3 623	3 418	3 829	3 745	1 216	5 300	1 713	2 454
Hens and pullets of laying age inventory								
..... farms, 1987	13	13	57	22	13	40	29	41
..... farms, 1982	33	18	81	46	22	56	43	48
..... number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
..... number, 1982	(D)	(D)	26 648	(D)	(D)	(D)	41 959	(D)
Broilers and other meat-type chickens sold								
..... farms, 1987	11	3	8	2	2	8	10	9
..... farms, 1982	8	3	6	5	9	7	7	7
..... number, 1987	(D)	18 500	1 424	(D)	(D)	(D)	2 087	(D)
..... number, 1982	2 255	(D)	1 200	1 020	(D)	(D)	1 707	1 080

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987 ..	1 777	888	1 107	587	462	483	493	691
1982 ..	1 904	882	1 230	660	538	580	555	783
\$1,000, 1987 ..	99 518	54 360	73 617	24 340	19 253	22 942	23 591	34 528
1982 ..	113 316	75 952	88 062	32 620	22 188	29 705	36 685	45 432
Average per farm ----- dollars, 1987 ..	56 003	61 216	66 501	42 928	41 673	47 498	47 853	49 968
1982 ..	59 515	77 344	71 595	49 424	41 242	51 215	66 099	58 023
Motortrucks, including pickups ----- farms, 1987 ..	1 607	838	1 047	540	443	457	451	654
1982 ..	1 630	892	1 075	638	479	510	505	731
number, 1987 ..	2 278	1 480	1 675	807	725	741	677	1 214
1982 ..	2 092	1 568	1 695	935	691	776	655	1 139
Wheel tractors ----- farms, 1987 ..	1 686	841	1 066	534	431	450	456	638
1982 ..	1 735	921	1 147	633	479	529	554	685
number, 1987 ..	5 350	2 895	3 734	1 435	1 443	1 412	1 357	1 838
1982 ..	5 159	3 171	3 818	1 579	1 349	1 495	1 499	1 762
Grain and bean combines <sup>2</sup> ----- farms, 1987 ..	932	565	756	382	237	284	234	412
1982 ..	792	581	703	398	185	344	318	331
number, 1987 ..	985	618	810	399	247	322	247	433
1982 ..	818	636	743	408	186	371	341	351
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987 ..	826	219	564	399	357	337	284	473
1982 ..	1 128	305	710	491	436	428	325	573
number, 1987 ..	177 160	19 665	45 175	36 944	42 993	26 704	22 681	41 348
1982 ..	212 667	28 010	61 484	52 442	55 703	35 641	26 748	52 372
Cows and heifers that had calved ----- farms, 1987 ..	369	151	460	353	326	317	252	426
1982 ..	537	199	573	449	388	394	290	519
number, 1987 ..	18 321	4 446	17 049	16 774	19 687	13 515	10 244	18 629
1982 ..	23 606	5 819	22 226	22 512	23 541	17 251	12 136	23 222
Beef cows ----- farms, 1987 ..	204	139	419	351	319	301	241	404
1982 ..	296	186	531	443	382	372	283	487
number, 1987 ..	8 952	(D)	15 224	16 599	19 473	13 051	9 661	17 418
1982 ..	12 145	5 112	20 250	22 182	23 251	16 567	11 613	21 075
Milk cows ----- farms, 1987 ..	173	13	58	16	17	26	20	34
1982 ..	260	16	73	33	21	48	27	54
number, 1987 ..	9 369	(D)	1 825	175	214	464	583	1 211
1982 ..	11 461	707	1 976	330	290	684	523	2 147
Heifers and heifer calves ----- farms, 1987 ..	593	172	405	329	278	271	242	374
1982 ..	71 968	7 401	10 210	9 071	9 984	6 287	5 159	11 814
Steers, steer calves, bulls, and bull calves ----- farms, 1987 ..	639	196	505	369	329	305	263	428
1982 ..	86 871	7 818	17 916	11 099	13 322	6 902	7 278	10 905
Cattle and calves sold ----- farms, 1987 ..	874	236	593	405	365	350	297	480
1982 ..	1 183	308	733	505	447	438	335	589
number, 1987 ..	256 928	26 411	32 143	20 671	23 878	14 915	14 962	22 619
1982 ..	280 428	24 093	44 744	30 281	32 886	19 628	18 535	30 202
Calves ----- farms, 1987 ..	182	46	150	134	124	172	112	169
1982 ..	6 613	813	3 384	4 346	4 353	4 326	2 137	4 069
Cattle ----- farms, 1987 ..	803	215	524	339	322	277	254	412
1982 ..	1 085	285	646	419	376	335	297	445
number, 1987 ..	250 315	25 598	28 759	16 325	19 525	10 589	12 825	18 550
1982 ..	272 228	22 851	38 812	25 126	25 868	14 199	15 436	22 655
Fattened on grain and concentrates ----- farms, 1987 ..	545	138	300	117	89	92	101	165
1982 ..	215 950	20 921	19 478	6 085	6 264	3 974	6 615	9 269
Hogs and pigs inventory ----- farms, 1987 ..	991	247	441	202	164	176	153	243
1982 ..	1 091	330	555	294	228	276	223	314
number, 1987 ..	440 052	110 211	137 851	62 386	44 009	56 385	47 464	89 644
1982 ..	414 254	123 521	160 193	65 264	54 222	70 949	58 345	110 379
Used or to be used for breeding ----- farms, 1987 ..	591	180	334	163	135	143	132	201
1982 ..	703	253	415	231	180	224	181	257
number, 1987 ..	47 222	14 592	16 626	8 017	5 207	10 401	6 789	14 010
1982 ..	40 069	13 809	17 354	9 368	6 135	10 736	6 619	16 099
Other ----- farms, 1987 ..	966	241	417	188	157	163	147	231
1982 ..	1 053	317	533	277	213	258	207	302
number, 1987 ..	392 830	95 619	121 225	54 369	38 802	45 984	40 675	75 634
1982 ..	374 185	109 712	142 839	55 896	48 087	60 213	51 726	94 280
Hogs and pigs sold ----- farms, 1987 ..	1 033	268	465	207	166	182	159	253
1982 ..	1 160	355	593	312	243	294	238	331
number, 1987 ..	871 562	220 292	248 521	97 682	73 669	131 700	82 014	160 782
1982 ..	708 572	206 077	267 452	104 777	88 728	132 685	94 748	175 784
Feeder pigs ----- farms, 1987 ..	210	69	98	64	56	58	33	62
1982 ..	246	75	112	77	73	87	41	97
number, 1987 ..	173 026	41 306	32 646	19 910	17 889	68 666	14 493	44 869
1982 ..	120 370	27 648	38 509	19 118	18 314	48 068	17 334	48 918
Sheep and lambs inventory ----- farms, 1987 ..	119	61	101	31	40	84	36	34
1982 ..	103	67	114	58	51	91	68	31
number, 1987 ..	27 644	2 677	3 899	1 346	(D)	6 023	2 107	690
1982 ..	4 435	2 987	5 418	4 985	2 877	5 605	2 666	764
Sheep and lambs sold ----- farms, 1987 ..	141	60	108	34	47	87	35	34
1982 ..	106	70	125	63	54	93	67	32
number, 1987 ..	104 895	2 273	4 086	3 131	(D)	4 033	1 298	(D)
1982 ..	6 205	3 570	5 241	4 005	1 925	4 259	2 133	682
Hens and pullets of laying age inventory ----- farms, 1987 ..	62	26	66	20	18	28	15	32
1982 ..	97	103	103	27	28	57	33	32
number, 1987 ..	(D)	(D)	67 760	(D)	(D)	(D)	(D)	(D)
1982 ..	(D)	(D)	(D)	(D)	(D)	6 996	96 424	(D)
Broilers and other meat-type chickens sold ----- farms, 1987 ..	17	10	19	2	2	2	1	6
1982 ..	15	7	3	3	3	3	2	2
number, 1987 ..	6 715	3 084	4 349	(D)	(D)	(D)	(D)	(D)
1982 ..	3 191	(D)	(D)	150	(D)	-	-	(D)

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshek	Woodbury	Worth	Wright
<b>MACHINERY AND EQUIPMENT<sup>1</sup></b>								
Estimated market value of all machinery and equipment ----- farms, 1987--	936	506	1 032	636	1 306	1 027	537	795
1982--	1 020	616	1 146	771	1 451	1 227	663	927
\$1,000, 1987--	64 384	22 677	84 967	45 050	87 084	63 852	42 641	72 138
1982--	72 184	28 692	103 487	53 465	95 655	72 677	54 057	84 981
Average per farm ----- dollars, 1987--	69 787	44 816	82 332	70 834	66 680	62 173	79 405	90 739
1982--	70 769	46 578	90 303	69 345	65 923	59 232	81 534	91 673
Motortrucks, including pickups ----- farms, 1987--	857	488	950	586	1 147	974	529	745
1982--	950	591	1 046	671	1 280	1 053	628	853
number, 1987--	1 460	749	1 743	1 094	1 570	1 631	952	1 152
1982--	1 408	923	1 712	1 076	1 741	1 744	1 061	1 241
Wheel tractors ----- farms, 1987--	856	482	969	619	1 237	974	520	764
1982--	988	555	1 056	713	1 365	1 094	619	867
number, 1987--	2 788	1 292	3 304	2 181	4 275	3 421	1 947	2 834
1982--	3 058	1 446	3 478	2 160	4 351	3 451	2 056	2 850
Grain and bean combines <sup>2</sup> ----- farms, 1987--	560	270	755	415	575	611	368	662
1982--	617	298	677	432	614	543	422	647
number, 1987--	595	282	840	444	647	699	378	715
1982--	639	300	716	444	626	607	440	661
<b>LIVESTOCK AND POULTRY</b>								
Cattle and calves inventory ----- farms, 1987--	416	394	186	136	1 074	479	185	123
1982--	522	487	294	187	1 234	703	249	197
number, 1987--	28 808	41 402	11 637	8 900	100 868	71 278	13 038	8 713
1982--	42 415	56 382	21 393	12 139	121 341	103 733	16 422	16 309
Cows and heifers that had calved ----- farms, 1987--	339	357	131	98	896	364	138	54
1982--	420	458	229	135	1 108	526	183	98
number, 1987--	11 108	19 749	3 623	2 812	41 265	15 250	3 784	1 508
1982--	15 944	27 402	6 645	4 234	49 860	28 091	6 669	2 574
Beef cows ----- farms, 1987--	291	350	127	59	443	355	120	45
1982--	372	441	217	90	546	505	148	90
number, 1987--	10 114	19 077	3 430	(D)	15 057	14 930	(D)	1 235
1982--	14 849	26 432	6 203	(D)	19 731	27 054	5 107	2 247
Milk cows ----- farms, 1987--	58	19	6	46	553	19	27	9
1982--	69	41	16	59	725	43	47	11
number, 1987--	994	672	193	(D)	26 208	320	(D)	273
1982--	1 095	970	442	(D)	30 129	1 037	1 562	327
Heifers and heifer calves ----- farms, 1987--	341	316	143	113	902	378	154	84
1982--	7 767	9 999	3 032	3 031	30 867	23 147	3 655	3 933
Steers, steer calves, bulls, and bull calves ----- farms, 1987--	378	365	164	110	911	438	167	98
1982--	9 933	11 654	4 982	3 057	28 736	32 881	5 599	3 272
Cattle and calves sold ----- farms, 1987--	423	406	187	144	1 089	502	193	139
1982--	530	502	286	199	1 251	715	242	214
number, 1987--	19 764	24 479	8 991	6 908	48 920	75 112	10 199	13 757
1982--	31 382	34 067	20 811	10 111	55 062	94 020	21 313	20 544
Calves ----- farms, 1987--	117	175	44	53	441	100	44	33
1982--	2 032	6 744	817	873	8 799	3 202	580	769
Cattle ----- farms, 1987--	368	332	170	130	971	464	177	127
1982--	453	394	241	179	1 102	624	216	197
number, 1987--	17 732	17 735	8 174	6 035	40 121	71 910	9 619	12 988
1982--	27 352	25 300	18 113	8 993	43 766	89 146	19 706	19 663
Fattened on grain and concentrates ----- farms, 1987--	251	94	103	75	327	269	121	91
1982--	13 983	6 619	6 606	3 270	20 427	62 637	7 939	11 594
Hogs and pigs inventory ----- farms, 1987--	553	151	233	226	666	400	214	185
1982--	668	213	299	288	755	529	260	287
number, 1987--	289 916	37 734	95 271	76 925	181 906	142 382	71 108	72 650
1982--	343 446	49 216	111 587	85 735	177 919	160 354	78 795	111 065
Used or to be used for breeding ----- farms, 1987--	468	121	157	165	500	305	141	132
1982--	570	160	219	203	605	415	204	211
number, 1987--	41 835	4 938	11 110	10 007	22 534	19 862	8 327	9 879
1982--	47 074	5 914	12 614	9 895	22 709	22 858	11 115	14 287
Other ----- farms, 1987--	523	142	226	222	634	389	210	179
1982--	649	202	287	269	713	511	242	268
number, 1987--	248 081	32 796	84 161	66 918	159 372	122 520	62 781	62 771
1982--	296 372	43 302	98 973	75 840	155 210	137 496	67 680	96 778
Hogs and pigs sold ----- farms, 1987--	565	158	256	240	694	418	229	208
1982--	694	229	324	305	800	558	293	323
number, 1987--	572 879	69 628	177 816	141 357	317 214	249 046	122 061	143 278
1982--	632 032	81 102	194 531	145 928	289 171	279 945	131 816	199 785
Feeder pigs ----- farms, 1987--	164	43	52	54	157	110	44	39
1982--	198	51	73	65	162	138	48	68
number, 1987--	164 482	15 280	(D)	26 408	46 531	59 407	(D)	35 641
1982--	180 887	15 046	39 059	26 823	52 695	70 102	16 307	40 386
Sheep and lambs inventory ----- farms, 1987--	104	39	45	44	84	50	47	61
1982--	112	46	47	62	97	95	52	90
number, 1987--	7 209	2 355	1 998	1 706	5 296	3 346	1 657	2 206
1982--	7 139	4 626	2 340	3 368	3 764	6 051	2 047	2 677
Sheep and lambs sold ----- farms, 1987--	109	40	44	46	80	51	46	56
1982--	115	48	50	64	97	51	55	97
number, 1987--	8 178	1 936	1 759	1 652	5 169	3 436	1 467	1 853
1982--	6 243	3 659	2 307	2 586	3 116	8 980	2 165	2 709
Hens and pullets of laying age inventory ----- farms, 1987--	62	16	25	10	65	28	12	18
1982--	105	28	34	30	102	50	26	38
number, 1987--	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982--	155 382	(D)	(D)	(D)	179 877	4 645	(D)	(D)
Broilers and other meat-type chickens sold ----- farms, 1987--	18	-	1	6	7	4	-	4
1982--	24	-	4	1	15	9	5	10
number, 1987--	5 311	-	(D)	1 138	(D)	(D)	-	(D)
1982--	44 893	-	515	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton	
<b>CROPS HARVESTED</b>								
Corn for grain or seed -----	farms, 1987..	74 285	704	457	764	373	617	1 087
	1982..	84 558	833	531	868	392	708	1 227
	acres, 1987..	9 973 381	91 146	50 167	60 146	24 866	88 129	142 507
	1982..	12 723 331	106 078	61 302	81 406	29 595	112 060	186 885
	bushels, 1987..	1 258 020 972	11 316 612	6 024 890	7 769 013	2 703 259	11 331 229	19 224 954
1982..	1 453 648 471	10 231 666	5 440 934	8 725 572	2 520 173	11 587 341	21 947 417	
Corn for silage or green chop -----	farms, 1987..	7 742	31	26	265	36	42	84
	1982..	17 091	109	79	466	54	145	200
	acres, 1987..	202 856	1 161	1 006	4 493	798	1 060	3 087
	1982..	532 002	(D)	3 832	10 186	(D)	(D)	(D)
	tons, green, 1987..	3 217 196	17 550	13 709	68 795	13 404	16 645	57 934
1982..	8 234 884	(D)	51 547	154 259	(D)	(D)	(D)	
Wheat for grain -----	farms, 1987..	1 212	7	15	2	7	5	14
	1982..	2 481	31	60	5	37	12	12
	acres, 1987..	28 672	(D)	(D)	(D)	(D)	(D)	247
	1982..	93 911	1 161	(D)	92	718	(D)	550
	bushels, 1987..	1 113 489	46 740	(D)	(D)	(D)	(D)	10 954
1982..	2 723 236	36 306	(D)	2 964	19 612	(D)	10 530	
Oats for grain -----	farms, 1987..	23 732	289	170	549	81	227	432
	1982..	33 671	459	243	627	110	367	592
	acres, 1987..	525 517	6 608	4 310	13 807	1 302	5 176	8 861
	1982..	785 508	11 165	6 502	14 453	1 809	9 256	12 769
	bushels, 1987..	30 087 002	296 971	190 203	795 893	59 321	324 836	537 894
1982..	44 719 720	502 095	240 588	794 010	58 326	515 025	718 126	
Soybeans for beans -----	farms, 1987..	62 537	618	417	114	321	562	1 004
	1982..	67 917	685	474	87	350	567	1 091
	acres, 1987..	7 792 894	65 837	41 559	3 642	24 561	64 193	125 628
	1982..	7 933 927	59 968	45 986	3 707	25 112	60 180	124 611
	bushels, 1987..	322 478 170	2 797 627	1 582 648	152 846	874 845	2 723 039	5 675 477
1982..	288 045 105	1 941 651	1 340 621	121 463	629 107	2 196 510	4 909 467	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -----	farms, 1987..	40 181	537	360	751	416	365	611
	1982..	48 434	709	446	849	422	484	677
	acres, 1987..	1 829 492	29 854	18 599	59 224	35 305	13 899	21 583
	1982..	1 899 026	36 001	20 702	61 913	30 755	19 442	21 443
	tons, dry, 1987..	5 328 103	87 945	47 800	196 150	76 919	39 042	66 148
1982..	5 902 759	116 576	59 291	197 336	74 848	59 067	73 026	
<b>CROPS HARVESTED</b>								
Corn for grain or seed -----	farms, 1987..	866	745	765	1 017	899	947	819
	1982..	941	867	920	1 073	1 012	1 093	959
	acres, 1987..	118 482	111 185	91 071	137 464	124 023	120 532	110 311
	1982..	143 755	139 731	114 091	173 973	161 788	152 996	147 302
	bushels, 1987..	16 405 109	15 365 139	12 176 399	18 780 076	15 741 017	15 700 953	15 198 947
1982..	17 506 887	17 192 092	13 415 661	21 227 433	18 941 128	17 822 738	17 923 221	
Corn for silage or green chop -----	farms, 1987..	74	28	150	145	55	84	37
	1982..	171	82	278	261	156	198	99
	acres, 1987..	1 363	(D)	(D)	(D)	1 504	1 805	1 636
	1982..	4 224	2 909	4 907	4 834	(D)	4 555	(D)
	tons, green, 1987..	24 229	(D)	(D)	(D)	25 466	26 524	23 639
1982..	77 823	48 755	80 299	86 503	(D)	65 785	(D)	
Wheat for grain -----	farms, 1987..	4	11	3	9	3	7	2
	1982..	7	11	4	5	3	8	1
	acres, 1987..	(D)	167	(D)	(D)	(D)	220	(D)
	1982..	532	(D)	122	(D)	314	(D)	(D)
	bushels, 1987..	(D)	7 423	981	(D)	10 260	7 952	(D)
1982..	17 513	(D)	3 115	(D)	5 620	(D)	(D)	
Oats for grain -----	farms, 1987..	211	133	309	443	166	343	133
	1982..	307	250	420	482	304	519	278
	acres, 1987..	4 368	2 907	5 826	8 093	3 144	6 675	2 702
	1982..	6 544	5 200	8 031	9 486	5 932	10 842	6 354
	bushels, 1987..	234 731	180 941	344 235	462 792	187 771	383 359	157 331
1982..	345 421	326 067	386 174	455 340	429 339	589 675	465 923	
Soybeans for beans -----	farms, 1987..	779	721	624	812	871	879	807
	1982..	803	809	733	777	945	940	931
	acres, 1987..	86 757	121 122	51 417	70 993	128 906	85 530	143 309
	1982..	87 126	115 950	53 424	69 840	127 630	86 187	141 709
	bushels, 1987..	3 951 967	5 350 406	2 241 903	3 205 898	5 293 124	3 667 621	6 382 653
1982..	3 286 748	4 564 503	1 870 563	2 502 306	4 731 654	3 037 646	5 408 408	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -----	farms, 1987..	343	246	453	514	232	478	224
	1982..	402	354	556	574	328	624	310
	acres, 1987..	10 446	7 791	18 048	16 223	6 142	15 044	5 501
	1982..	10 957	8 116	18 759	15 691	6 950	17 016	7 067
	tons, dry, 1987..	33 062	20 636	60 198	47 322	18 617	46 242	14 107
1982..	36 792	25 368	62 702	45 261	23 724	54 909	21 747	

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987--	1 047	703	883	692	864	755	378	
	1982--	1 130	799	1 037	793	838	433	
	acres, 1987--	131 091	105 116	137 263	122 371	110 304	97 603	35 416
	1982--	152 063	127 678	190 899	157 229	136 670	128 060	45 823
	bushels, 1987--	17 175 461	13 327 248	16 264 540	15 774 445	13 783 510	12 573 477	3 326 698
	1982--	16 641 531	12 981 118	25 052 411	18 988 805	16 114 534	13 271 447	3 383 130
Corn for silage or green chop----- farms, 1987--	80	46	85	39	114	168	30	
	1982--	275	146	146	101	301	279	
	acres, 1987--	3 467	1 264	(D)	(D)	2 836	(D)	
	1982--	18 146	5 466	(D)	2 917	11 213	8 571	2 062
	tons, green, 1987--	50 939	20 277	(D)	(D)	41 821	(D)	
	1982--	292 054	81 452	(D)	49 626	172 382	114 864	18 250
Wheat for grain ----- farms, 1987--	3	20	9	2	2	7	7	
	1982--	7	52	15	4	3	14	
	acres, 1987--	447	(D)	297	(D)	(D)	215	
	1982--	161	2 380	296	87	(D)	82	
	bushels, 1987--	24 364	(D)	8 685	(D)	(D)	8 450	
	1982--	4 183	82 352	12 987	1 660	(D)	2 558	
Oats for grain ----- farms, 1987--	367	173	314	157	212	351	129	
	1982--	509	322	402	247	371	165	
	acres, 1987--	8 159	3 424	5 633	3 470	4 033	7 076	3 212
	1982--	11 764	7 365	7 965	5 472	7 794	8 592	4 070
	bushels, 1987--	489 453	145 028	358 319	195 643	260 429	429 869	97 860
	1982--	788 956	325 315	484 828	332 303	613 196	390 697	119 705
Soybeans for beans ----- farms, 1987--	998	662	741	636	811	621	300	
	1982--	1 026	717	707	723	889	679	
	acres, 1987--	114 889	82 907	70 780	98 320	99 886	57 752	23 650
	1982--	104 737	78 709	64 771	107 849	93 755	66 361	29 569
	bushels, 1987--	4 911 395	3 342 960	3 153 996	4 054 326	4 261 589	2 418 697	785 860
	1982--	3 896 624	2 641 173	2 751 708	3 825 826	3 629 465	2 046 841	823 049
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987--	473	448	473	203	392	471	352	
	1982--	556	559	515	245	485	531	
	acres, 1987--	14 611	20 504	15 910	6 625	13 550	19 905	26 262
	1982--	15 528	23 236	14 247	5 431	12 681	19 110	26 089
	tons, dry, 1987--	42 735	58 637	46 047	20 309	39 381	62 927	66 253
	1982--	53 871	70 565	46 581	16 462	43 354	58 513	77 882
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987--	696	1 231	1 045	958	656	433	337	
	1982--	851	1 315	1 214	1 175	783	512	
	acres, 1987--	102 661	127 431	162 747	130 314	106 803	37 420	32 453
	1982--	145 705	156 567	223 349	161 120	143 790	53 423	46 027
	bushels, 1987--	13 379 212	16 959 576	17 449 834	15 683 049	14 595 920	3 341 728	3 363 639
	1982--	16 045 924	18 256 472	27 728 538	16 666 763	17 425 172	5 033 357	3 862 755
Corn for silage or green chop----- farms, 1987--	49	227	147	55	32	78	36	
	1982--	155	499	282	196	89	81	
	acres, 1987--	2 576	3 239	(D)	1 970	(D)	1 302	
	1982--	(D)	9 614	8 482	(D)	(D)	(D)	
	tons, green, 1987--	46 944	54 009	(D)	35 786	(D)	17 732	
	1982--	(D)	143 969	148 244	(D)	(D)	(D)	
Wheat for grain ----- farms, 1987--	-	9	29	6	5	29	14	
	1982--	2	2	13	26	9	40	
	acres, 1987--	-	(D)	(D)	(D)	241	(D)	
	1982--	(D)	(D)	(D)	(D)	(D)	1 957	
	bushels, 1987--	-	(D)	(D)	(D)	15 617	(D)	
	1982--	(D)	(D)	(D)	(D)	(D)	51 085	
Oats for grain ----- farms, 1987--	104	867	415	434	106	142	50	
	1982--	243	922	485	693	170	80	
	acres, 1987--	2 489	21 836	7 552	11 192	2 232	2 320	
	1982--	5 707	22 450	9 801	21 311	3 015	3 381	
	bushels, 1987--	141 663	1 418 729	449 806	510 789	127 038	88 898	
	1982--	386 157	1 163 033	568 849	1 407 532	190 947	102 157	
Soybeans for beans ----- farms, 1987--	677	155	743	884	620	325	303	
	1982--	807	93	711	1 024	736	355	
	acres, 1987--	113 588	10 583	62 755	96 933	102 057	29 881	
	1982--	122 109	4 515	60 600	93 846	108 877	37 378	
	bushels, 1987--	4 656 076	460 345	2 820 636	3 689 311	4 494 218	965 483	
	1982--	4 257 235	151 995	2 530 059	3 537 984	4 304 840	1 030 095	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987--	214	1 113	565	606	260	430	337	
	1982--	337	1 222	615	782	353	416	
	acres, 1987--	7 838	80 500	20 729	22 825	8 033	27 759	
	1982--	9 715	74 177	19 404	26 677	9 716	30 103	
	tons, dry, 1987--	23 895	273 880	63 918	69 881	21 882	57 322	
	1982--	30 216	248 602	65 410	89 353	33 043	75 959	

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	
<b>CROPS HARVESTED</b>									
Corn for grain or seed ----- farms, 1987..	1 174	476	446	1 231	491	1 171	722	820	
	1982..	1 230	548	521	1 316	1 247	792	970	
	acres, 1987..	150 937	68 753	66 636	100 635	75 633	150 576	106 576	129 161
	1982..	182 892	94 491	90 899	120 876	106 475	186 647	130 034	171 179
	bushels, 1987..	20 285 632	7 551 585	8 633 099	12 775 158	10 460 288	20 558 970	13 760 270	17 673 374
1982..	22 826 953	11 973 078	10 199 958	14 615 577	12 870 935	20 615 055	14 911 196	20 735 195	
Corn for silage or green chop ----- farms, 1987..	283	59	53	361	20	252	75	42	
	1982..	520	77	127	591	87	476	157	142
	acres, 1987..	5 027	(D)	(D)	6 762	929	4 835	(D)	1 181
	1982..	10 633	2 258	6 422	12 379	3 189	12 515	(D)	(D)
	tons, green, 1987..	80 070	(D)	(D)	97 933	15 335	81 543	(D)	23 335
1982..	173 323	41 440	98 244	194 289	50 081	193 362	(D)	(D)	
Wheat for grain ----- farms, 1987..	20	37	5	10	1	12	5	3	
	1982..	5	77	1	11	-	6	3	
	acres, 1987..	(D)	663	166	(D)	(D)	213	34	
	1982..	156	2 960	(D)	230	-	326	(D)	
	bushels, 1987..	(D)	34 847	6 521	(D)	(D)	7 220	1 120	11 910
1982..	6 644	95 898	(D)	8 391	-	9 976	(D)	(D)	
Oats for grain ----- farms, 1987..	748	58	88	913	53	626	201	168	
	1982..	794	93	158	1 008	88	292	301	
	acres, 1987..	17 163	926	2 125	21 833	(D)	14 570	4 483	2 669
	1982..	18 897	(D)	3 620	24 238	1 585	17 529	6 984	5 468
	bushels, 1987..	1 071 195	44 286	125 577	1 417 010	(D)	948 744	274 002	159 026
1982..	946 581	59 050	266 637	1 127 241	117 186	913 959	350 625	317 917	
Soybeans for beans ----- farms, 1987..	462	442	433	96	476	735	676	770	
	1982..	324	475	489	49	563	714	893	
	acres, 1987..	26 045	49 659	73 610	4 045	84 296	67 177	91 965	111 080
	1982..	22 899	49 025	78 945	2 576	92 490	68 605	98 507	116 709
	bushels, 1987..	1 204 485	1 889 828	2 888 280	186 523	3 630 542	3 003 952	3 758 896	4 787 529
1982..	853 648	1 947 841	2 704 992	95 904	3 383 187	2 347 324	3 277 775	4 350 171	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	877	238	165	1 130	134	797	294	250	
	1982..	939	253	201	1 197	179	901	352	331
	acres, 1987..	47 289	9 284	6 941	76 084	3 949	43 030	9 642	6 658
	1982..	42 605	8 243	6 849	65 194	4 131	42 757	9 682	7 842
	tons, dry, 1987..	158 848	23 511	22 658	256 499	12 063	150 353	25 997	20 157
1982..	142 375	25 185	22 429	220 006	12 971	146 225	30 578	26 641	
<b>CROPS HARVESTED</b>									
Corn for grain or seed ----- farms, 1987..	517	732	837	653	816	875	828	753	
	1982..	569	835	912	756	949	1 020	922	867
	acres, 1987..	86 187	111 458	127 823	81 041	124 623	126 733	128 134	122 931
	1982..	97 062	147 534	159 632	105 987	164 763	166 410	165 550	146 261
	bushels, 1987..	9 728 756	15 908 809	17 944 224	10 161 114	17 441 249	16 898 927	17 847 845	16 093 286
1982..	8 676 430	17 558 124	19 587 298	11 208 490	20 522 687	20 125 730	20 989 204	15 145 504	
Corn for silage or green chop ----- farms, 1987..	15	17	37	28	12	65	46	48	
	1982..	38	86	89	107	42	122	134	
	acres, 1987..	413	1 109	1 364	934	946	(D)	1 016	1 168
	1982..	(D)	(D)	3 284	2 978	(D)	4 876	5 131	4 031
	tons, green, 1987..	6 350	19 867	28 161	17 204	17 090	(D)	16 456	18 150
1982..	(D)	(D)	63 690	49 396	(D)	89 000	84 231	58 638	
Wheat for grain ----- farms, 1987..	16	3	5	6	3	1	-	28	
	1982..	58	5	1	11	2	3	143	
	acres, 1987..	427	(D)	68	124	(D)	(D)	-	997
	1982..	3 868	612	(D)	409	(D)	50	(D)	6 126
	bushels, 1987..	18 767	(D)	3 485	3 290	8 620	(D)	-	34 619
1982..	65 144	20 950	(D)	14 590	(D)	2 023	(D)	204 855	
Oats for grain ----- farms, 1987..	17	115	162	214	87	189	133	140	
	1982..	59	181	270	351	176	333	252	
	acres, 1987..	387	2 235	2 610	5 018	1 438	3 340	2 603	3 269
	1982..	1 493	3 895	6 027	8 518	2 787	6 011	5 293	7 461
	bushels, 1987..	19 981	138 719	157 459	242 664	95 243	221 262	160 344	168 643
1982..	71 859	262 045	350 437	445 465	153 871	360 476	324 596	488 832	
Soybeans for beans ----- farms, 1987..	519	725	794	595	791	823	781	722	
	1982..	578	816	834	649	910	948	830	
	acres, 1987..	105 751	137 885	103 323	71 452	132 419	119 737	104 590	112 374
	1982..	108 653	135 010	102 035	66 969	139 861	124 880	110 604	118 034
	bushels, 1987..	3 949 534	6 114 982	5 016 063	2 916 948	5 542 167	4 903 942	4 747 128	4 408 006
1982..	3 510 754	5 295 966	4 186 283	2 451 136	5 146 799	4 583 925	4 198 888	4 237 794	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	220	220	324	387	147	238	291	344	
	1982..	288	328	347	528	229	353	506	
	acres, 1987..	6 787	6 179	10 472	17 045	2 980	7 701	7 762	9 798
	1982..	7 422	6 832	8 963	24 239	3 629	8 229	8 223	13 277
	tons, dry, 1987..	19 354	18 123	38 746	44 423	7 222	23 222	22 974	32 060
1982..	20 462	22 832	32 578	75 335	10 080	27 690	26 218	40 828	

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987..	538	716	649	615	780	883	982	459
	1982..	658	811	726	704	875	1 026	1 138
	acres, 1987..	73 702	85 505	95 869	91 349	116 503	83 256	138 800
	1982..	102 573	107 479	123 757	110 869	152 061	114 748	175 598
	bushels, 1987..	7 590 621	10 574 055	13 418 861	10 964 881	14 108 119	9 306 110	18 593 569
1982..	12 385 894	10 729 597	15 766 668	12 649 208	17 525 603	13 542 208	20 885 196	8 878 491
Corn for silage or green chop ----- farms, 1987..	39	157	40	37	76	190	55	53
	1982..	70	299	68	164	148	291	180
	acres, 1987..	(D)	3 188	2 202	(D)	2 018	4 274	(D)
	1982..	(D)	6 944	(D)	(D)	6 225	5 580	1 806
	tons, green, 1987..	(D)	48 417	43 395	(D)	30 584	63 923	(D)
1982..	(D)	99 546	(D)	(D)	(D)	103 047	91 380	29 016
Wheat for grain ----- farms, 1987..	18	6	1	8	12	40	4	27
	1982..	46	6	4	3	16	9	63
	acres, 1987..	263	122	(D)	79	111	542	(D)
	1982..	1 028	(D)	(D)	22	413	427	189
	bushels, 1987..	11 992	3 112	(D)	3 240	6 413	23 455	(D)
1982..	33 129	(D)	(D)	680	15 035	19 155	7 308	49 000
Oats for grain ----- farms, 1987..	107	363	101	192	372	587	371	144
	1982..	156	463	136	319	438	661	550
	acres, 1987..	1 759	9 089	1 960	4 516	8 800	13 816	8 452
	1982..	2 620	11 628	2 731	9 315	10 406	15 213	12 685
	bushels, 1987..	82 850	498 289	116 685	220 054	449 578	821 637	469 803
1982..	114 877	565 171	191 145	681 248	492 511	712 725	717 916	180 088
Soybeans for beans ----- farms, 1987..	486	574	631	579	629	232	894	420
	1982..	534	628	706	652	587	153	503
	acres, 1987..	47 286	62 417	110 513	69 227	48 040	9 193	100 925
	1982..	50 085	67 555	109 698	63 003	42 128	8 763	99 129
	bushels, 1987..	1 782 554	2 461 787	4 921 705	2 625 860	2 094 296	373 967	4 495 571
1982..	1 951 199	1 979 976	4 264 921	2 424 457	1 516 977	325 762	3 799 402	1 803 938
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	257	434	152	319	555	824	643	324
	1982..	307	541	191	406	641	896	815
	acres, 1987..	9 783	18 918	3 790	11 093	27 904	52 789	25 932
	1982..	9 583	22 750	3 754	12 572	28 518	48 454	30 578
	tons, dry, 1987..	19 939	58 463	10 679	36 707	81 302	161 316	75 592
1982..	25 508	74 129	13 332	44 481	87 692	157 233	99 513	42 115
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987..	871	835	713	1 485	531	995	448	306
	1982..	1 029	976	869	1 648	651	1 139	522
	acres, 1987..	105 950	113 133	106 867	211 215	64 121	120 386	70 248
	1982..	143 018	151 346	136 425	272 356	82 802	153 666	93 034
	bushels, 1987..	11 533 176	13 525 519	13 376 853	30 144 044	5 859 088	14 812 265	7 017 802
1982..	17 363 741	19 210 005	16 068 651	34 786 312	9 645 385	18 914 193	11 771 946	2 804 201
Corn for silage or green chop ----- farms, 1987..	150	155	40	98	106	115	33	26
	1982..	177	281	68	218	114	215	50
	acres, 1987..	(D)	(D)	927	2 766	2 341	2 710	656
	1982..	4 049	6 937	(D)	6 341	2 522	5 326	1 253
	tons, green, 1987..	(D)	(D)	16 565	58 691	31 183	47 247	7 329
1982..	66 677	117 083	(D)	110 204	45 901	87 557	24 145	19 713
Wheat for grain ----- farms, 1987..	16	12	27	4	97	26	23	2
	1982..	24	11	47	6	209	14	7
	acres, 1987..	(D)	(D)	(D)	54	1 525	(D)	(D)
	1982..	(D)	(D)	(D)	193	5 090	609	1 107
	bushels, 1987..	(D)	(D)	(D)	2 260	60 448	(D)	(D)
1982..	(D)	(D)	(D)	3 490	131 962	21 211	35 271	17 320
Oats for grain ----- farms, 1987..	423	394	206	258	91	408	78	73
	1982..	488	495	274	416	118	499	109
	acres, 1987..	10 326	9 149	4 132	4 738	1 490	8 649	1 078
	1982..	10 896	11 254	5 923	6 818	1 725	10 724	2 138
	bushels, 1987..	541 998	533 715	194 527	291 826	56 333	478 956	52 580
1982..	534 145	537 909	272 245	475 143	69 923	477 917	99 027	91 415
Soybeans for beans ----- farms, 1987..	645	504	633	1 441	488	815	399	228
	1982..	636	483	656	1 572	598	429	293
	acres, 1987..	53 286	39 878	63 035	231 847	56 627	79 458	49 342
	1982..	52 018	37 056	61 406	241 875	57 956	90 586	50 828
	bushels, 1987..	2 085 104	1 748 669	2 636 739	9 975 988	1 745 229	3 387 490	1 742 074
1982..	1 966 879	1 509 467	2 331 469	9 077 851	2 185 295	3 473 178	1 960 817	619 620
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987..	582	568	421	388	378	609	207	288
	1982..	673	638	555	500	412	624	217
	acres, 1987..	25 364	28 683	20 827	10 087	16 082	23 253	6 688
	1982..	23 963	26 295	21 618	10 563	14 479	19 340	5 785
	tons, dry, 1987..	74 176	88 097	52 124	31 379	35 339	66 141	15 983
1982..	73 572	83 115	62 941	34 699	41 237	59 691	15 625	60 535

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987--	979	537	842	627	743	449	683	651
	1 130	637	936	725	864	473	777	713
	116 508	55 683	105 726	67 791	119 698	79 119	94 460	125 758
	147 820	68 696	126 236	79 158	153 571	93 698	116 631	153 807
	13 540 612	6 709 409	14 139 999	8 481 789	16 680 232	9 683 161	11 618 129	14 908 383
1982--	14 998 927	6 528 360	13 966 866	7 951 067	18 840 444	9 052 987	13 561 392	16 616 207
Corn for silage or green chop ----- farms, 1987--	182	31	84	37	38	8	163	59
	475	91	167	103	109	51	275	138
	(D)	(D)	2 178	1 039	1 467	(D)	4 755	(D)
	(D)	3 565	(D)	2 658	(D)	2 857	8 077	(D)
	(D)	(D)	29 372	15 062	26 764	(D)	64 799	(D)
1982--	(D)	41 424	(D)	40 679	(D)	39 088	128 272	(D)
Wheat for grain ----- farms, 1987--	5	4	5	13	8	26	21	29
	13	32	9	32	6	64	14	62
	53	120	(D)	223	(D)	639	(D)	1 054
	383	1 246	105	886	76	2 913	(D)	5 165
	2 250	5 045	(D)	6 955	(D)	21 344	(D)	36 902
1982--	13 907	29 634	2 802	27 234	4 290	82 113	(D)	146 573
Oats for grain ----- farms, 1987--	359	114	307	211	184	51	300	117
	604	205	459	292	285	92	413	204
	7 907	2 741	5 962	4 574	3 433	(D)	7 492	4 400
	17 325	4 244	8 883	6 539	6 502	2 029	10 434	6 984
	558 851	143 926	330 196	233 411	175 332	(D)	461 521	208 841
1982--	1 348 356	188 001	445 039	303 825	360 388	94 455	548 211	472 002
Soybeans for beans ----- farms, 1987--	907	480	776	568	681	427	611	570
	1 005	575	828	616	754	458	681	606
	104 895	49 402	77 990	56 577	80 342	79 539	71 905	96 849
	100 055	53 505	76 238	52 658	87 347	84 273	77 856	98 876
	4 242 479	2 038 034	3 245 433	2 363 921	3 871 253	2 948 398	2 993 218	3 558 879
1982--	3 650 612	1 717 114	2 909 293	1 810 462	3 397 916	2 856 093	2 627 747	3 584 486
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987--	556	452	508	429	384	170	329	245
	651	544	622	570	464	248	393	305
	17 306	22 587	17 579	19 300	12 320	5 832	13 330	8 314
	15 898	24 838	21 209	25 087	12 845	6 632	11 856	8 726
	56 335	63 876	52 491	51 490	35 994	15 868	33 856	24 552
1982--	52 533	74 853	73 975	80 425	43 995	20 559	35 639	27 528
<b>CROPS HARVESTED</b>								
Corn for grain or seed ----- farms, 1987--	357	509	554	1 005	602	708	792	1 346
	391	547	685	1 099	696	748	882	1 498
	24 861	72 394	79 002	123 893	77 730	82 372	117 339	185 513
	30 797	83 612	102 631	154 026	102 296	93 383	154 006	224 544
	2 555 285	8 609 866	7 763 935	16 113 174	10 324 756	9 115 659	15 488 764	20 744 832
1982--	2 424 657	7 790 913	12 727 086	17 071 485	11 722 816	8 139 928	18 704 137	23 527 120
Corn for silage or green chop ----- farms, 1987--	37	19	64	66	49	36	37	116
	95	100	113	255	148	99	120	394
	(D)	676	1 830	(D)	1 573	1 086	(D)	(D)
	(D)	(D)	(D)	(D)	5 017	(D)	(D)	12 768
	(D)	14 247	25 509	(D)	24 093	16 124	(D)	(D)
1982--	30 902	(D)	(D)	(D)	85 136	(D)	(D)	170 588
Wheat for grain ----- farms, 1987--	6	12	25	3	5	61	1	16
	10	65	23	4	8	147	3	16
	104	482	700	34	158	1 498	(D)	291
	182	2 379	973	160	(D)	5 484	65	732
	4 095	17 674	26 581	1 560	4 079	51 349	(D)	12 745
1982--	5 107	62 912	37 658	6 080	(D)	132 542	2 644	26 028
Oats for grain ----- farms, 1987--	70	95	176	275	154	131	152	534
	89	161	238	369	288	205	227	881
	1 323	(D)	4 078	4 397	2 695	2 487	3 088	15 628
	1 926	3 564	4 898	7 246	6 391	4 717	4 799	29 160
	57 633	(D)	214 936	335 095	195 225	106 102	194 563	1 038 204
1982--	67 625	156 990	288 514	562 090	513 159	189 155	332 035	2 192 386
Soybeans for beans ----- farms, 1987--	273	493	495	969	601	688	766	1 216
	310	524	539	1 054	686	735	846	1 254
	18 059	71 788	52 726	131 829	91 141	92 104	125 528	136 138
	21 051	73 728	51 598	132 585	92 840	90 307	132 304	121 406
	669 818	2 620 229	1 941 887	5 583 524	3 779 285	3 272 356	5 241 528	5 543 952
1982--	523 826	2 326 196	1 955 485	4 555 098	3 376 584	2 722 764	4 936 511	4 649 292
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987--	349	318	302	322	239	460	203	642
	382	375	352	400	304	573	267	789
	24 633	12 187	10 889	8 249	5 671	17 432	5 036	20 630
	25 352	13 706	10 970	8 019	6 524	20 632	5 859	20 200
	63 788	34 156	28 621	25 655	15 722	46 417	15 593	68 798
1982--	66 512	38 417	37 817	27 185	21 032	56 405	20 576	69 286

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby	
<b>CROPS HARVESTED</b>									
Corn for grain or seed .....	farms, 1987..	849	503	1 143	747	419	860	675	938
	1982..	974	606	1 264	859	479	944	788	1 071
	acres, 1987..	117 170	77 928	187 927	98 720	39 626	118 743	109 361	131 399
	1982..	157 159	98 639	228 318	128 824	50 585	148 847	146 768	161 949
	bushels, 1987..	15 619 811	10 997 085	24 886 571	12 438 415	4 143 413	14 943 715	13 224 275	16 072 018
1982..	19 637 664	11 738 297	25 061 295	14 948 700	3 883 053	16 451 145	19 164 492	17 944 456	
Corn for silage or green chop .....	farms, 1987..	36	16	78	59	46	51	67	49
	1982..	102	45	267	111	87	194	129	195
	acres, 1987..	1 831	(D)	2 802	1 368	990	2 889	1 953	(D)
	1982..	3 317	(D)	10 219	(D)	3 135	10 899	3 995	(D)
	tons, green, 1987..	47 768	(D)	47 155	22 642	13 037	38 582	31 076	(D)
1982..	55 182	(D)	160 385	(D)	39 443	184 142	70 298	(D)	
Wheat for grain .....	farms, 1987..	-	4	38	6	10	3	6	4
	1982..	2	17	105	5	45	13	8	17
	acres, 1987..	-	107	1 285	164	437	64	109	58
	1982..	(D)	616	3 650	81	1 884	(D)	110	768
	bushels, 1987..	-	3 940	51 264	8 820	12 789	3 150	5 604	2 710
1982..	(D)	17 929	136 453	4 180	35 710	(D)	3 780	29 845	
Oats for grain .....	farms, 1987..	119	83	290	351	90	234	242	369
	1982..	215	126	427	495	113	388	318	574
	acres, 1987..	(D)	1 544	7 129	9 319	2 451	5 954	4 257	8 482
	1982..	4 164	2 566	11 350	13 446	3 559	9 418	5 792	14 772
	bushels, 1987..	(D)	84 475	447 746	457 014	88 805	361 606	283 411	470 672
1982..	295 949	135 357	688 091	727 248	105 454	683 364	375 979	968 975	
Soybeans for beans .....	farms, 1987..	829	475	1 040	693	374	836	555	843
	1982..	958	585	1 139	767	479	880	505	908
	acres, 1987..	140 907	77 299	157 454	75 752	41 296	117 296	38 038	89 103
	1982..	148 816	79 606	155 658	76 265	52 642	116 562	34 667	81 384
	bushels, 1987..	5 225 865	3 425 469	6 188 843	3 291 126	1 420 031	4 853 933	1 734 884	3 606 182
1982..	5 661 208	3 042 560	5 766 434	2 867 377	1 376 010	4 332 277	1 490 895	3 107 294	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	farms, 1987..	185	187	603	547	371	335	359	473
	1982..	288	272	720	681	484	457	367	609
	acres, 1987..	4 482	6 381	21 681	27 314	32 681	13 257	10 821	14 344
	1982..	4 759	7 449	21 779	32 187	42 699	14 202	9 877	16 483
	tons, dry, 1987..	13 563	19 997	63 684	86 311	78 928	42 826	32 337	41 315
1982..	15 336	23 636	73 999	107 375	113 303	49 506	36 253	54 881	
<b>CROPS HARVESTED</b>									
<b>CROPS HARVESTED</b>									
Corn for grain or seed .....	farms, 1987..	1 460	794	1 021	491	387	422	393	588
	1982..	1 626	898	1 132	580	434	514	482	656
	acres, 1987..	191 988	115 189	144 198	53 482	39 359	39 298	47 640	66 000
	1982..	225 374	149 710	171 672	62 851	48 192	55 938	58 297	81 012
	bushels, 1987..	21 794 832	16 283 669	19 074 343	5 744 004	4 430 330	3 930 667	5 118 701	8 024 794
1982..	23 813 841	18 916 885	20 230 354	4 868 242	4 108 447	5 695 221	6 472 512	7 788 706	
Corn for silage or green chop .....	farms, 1987..	275	35	58	15	22	73	32	48
	1982..	709	87	151	60	72	101	47	93
	acres, 1987..	10 656	1 235	1 335	(D)	603	1 511	(D)	(D)
	1982..	29 143	2 824	3 898	1 902	2 454	2 192	1 205	5 456
	tons, green, 1987..	144 579	22 164	26 119	(D)	6 844	18 689	(D)	(D)
1982..	426 038	52 624	61 432	24 179	30 471	26 691	19 729	57 871	
Wheat for grain .....	farms, 1987..	7	7	9	23	9	35	4	9
	1982..	10	7	9	94	36	112	23	32
	acres, 1987..	231	128	(D)	554	(D)	465	(D)	207
	1982..	472	(D)	(D)	4 105	1 790	3 234	1 093	1 161
	bushels, 1987..	9 820	5 419	(D)	23 522	(D)	15 973	(D)	8 579
1982..	17 517	(D)	(D)	84 807	56 816	82 745	35 900	32 220	
Oats for grain .....	farms, 1987..	465	83	324	109	128	106	79	144
	1982..	821	159	511	165	203	150	104	207
	acres, 1987..	10 786	1 427	6 237	2 621	3 136	1 923	1 495	2 698
	1982..	23 830	2 526	10 495	4 121	5 752	2 552	1 863	4 039
	bushels, 1987..	734 881	81 623	305 166	101 924	130 016	68 859	62 868	117 440
1982..	1 806 881	146 470	551 490	140 346	218 316	80 155	77 523	168 538	
Soybeans for beans .....	farms, 1987..	1 266	766	915	477	351	390	374	500
	1982..	1 250	859	1 009	562	386	438	427	580
	acres, 1987..	117 378	116 260	99 796	57 970	31 437	38 388	44 999	50 915
	1982..	108 800	123 492	99 487	61 821	31 716	42 610	45 267	54 694
	bushels, 1987..	5 103 495	5 261 884	4 591 703	1 926 919	1 189 794	1 325 279	1 746 097	2 018 965
1982..	4 164 449	4 745 373	3 713 215	1 651 601	893 010	1 360 706	1 518 550	1 691 487	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	farms, 1987..	648	234	576	370	346	374	280	460
	1982..	790	287	670	467	394	425	329	542
	acres, 1987..	22 930	6 399	22 282	22 375	23 339	19 929	14 961	24 863
	1982..	21 495	5 767	22 106	26 290	27 534	19 754	15 753	24 760
	tons, dry, 1987..	76 185	16 899	69 960	51 614	61 824	41 640	37 933	69 798
1982..	71 920	19 096	68 254	69 570	80 665	47 407	44 158	71 891	

See footnotes at end of table.

**Table 16. Farms With Sales of \$10,000 or More: 1987 and 1982—Con.**

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnabago	Winneshiek	Woodbury	Worth	Wright	
<b>CROPS HARVESTED</b>									
Corn for grain or seed ----- farms, 1987__	831	424	957	593	1 158	908	494	760	
	1982__	924	500	1 061	666	1 309	611	873	
	acres, 1987__	114 226	41 759	136 405	86 355	101 381	160 170	76 251	118 670
	1982__	151 308	58 720	181 262	111 484	130 311	212 964	103 566	163 254
	bushels, 1987__	13 094 494	4 453 222	19 146 370	11 704 010	13 091 817	18 744 274	9 917 824	16 401 045
	1982__	18 838 227	4 460 861	22 913 645	13 108 167	13 300 630	22 416 992	12 468 486	20 350 828
Corn for silage or green chop ----- farms, 1987__	76	20	29	44	413	68	62	18	
	1982__	118	71	62	75	743	254	96	
	acres, 1987__	(D)	(D)	(D)	(D)	8 397	(D)	1 351	761
	1982__	(D)	(D)	2 064	(D)	18 085	9 117	2 181	2 221
	tons, green, 1987__	(D)	(D)	(D)	(D)	139 016	(D)	22 770	16 792
	1982__	(D)	(D)	31 151	(D)	274 281	132 236	35 016	41 125
Wheat for grain ----- farms, 1987__	43	19	3	2	5	15	-	2	
	1982__	49	40	2	2	10	3	2	
	acres, 1987__	837	343	(D)	(D)	(D)	(D)	(D)	
	1982__	1 150	(D)	(D)	(D)	259	1 002	73	
	bushels, 1987__	34 617	11 688	2 650	(D)	(D)	(D)	(D)	
	1982__	44 571	(D)	(D)	(D)	7 760	32 224	2 920	
Oats for grain ----- farms, 1987__	301	74	89	152	799	264	137	83	
	1982__	339	129	159	233	998	470	248	
	acres, 1987__	5 955	1 543	1 786	2 706	19 877	8 758	2 648	1 495
	1982__	6 787	3 289	3 375	4 255	25 380	18 468	4 897	(D)
	bushels, 1987__	284 237	55 307	104 311	180 337	1 187 551	482 611	153 826	92 089
	1982__	318 023	89 106	211 584	259 779	1 313 472	1 347 573	288 817	(D)
Soybeans for beans ----- farms, 1987__	705	373	957	554	378	708	472	742	
	1982__	709	450	1 036	629	353	759	564	644
	acres, 1987__	65 574	37 489	168 982	81 760	17 989	85 671	71 797	136 418
	1982__	68 211	46 145	170 824	88 127	16 602	97 090	82 046	148 340
	bushels, 1987__	2 778 249	1 354 512	7 217 033	3 054 060	752 602	3 322 203	2 892 848	5 605 248
	1982__	2 776 525	1 166 379	6 700 236	3 017 787	520 269	3 570 700	2 827 363	5 665 064
Hay--alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms, 1987__	453	378	196	190	1 073	414	209	140	
	1982__	520	477	259	213	1 227	541	262	
	acres, 1987__	16 975	31 837	3 950	5 607	73 319	16 575	6 030	2 997
	1982__	16 536	38 090	4 983	4 547	73 564	17 823	6 389	3 720
	tons, dry, 1987__	39 382	72 030	10 552	18 811	242 588	45 772	16 217	8 569
	1982__	49 997	89 511	16 259	13 889	238 061	56 395	23 266	13 784

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1982 include self-propelled only.

**Table 17. Milk Goats—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					Total sales (\$1,000)
			Milk goats		Goat milk		Farms	
	Farms	Number	Farms	Number	Farms	Gallons		
<b>STATE TOTAL</b>								
Iowa ----- 1987--	425	3 195	105	909	52	123 669	136	268
1982--	909	4 708	303	1 964	20	34 650	(NA)	139

**Table 18. Angora Goats—Inventory and Sales: 1987 and 1982**

[Not published for this State]

**Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		Sales (\$1,000)
	Farms	Number	Farms	Number	
<b>STATE TOTAL</b>					
Iowa ----- 1987--	58	63 906	56	132 995	5 403
1982--	53	55 977	50	133 183	4 344

**Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					Total sales (\$1,000)
			Colonies of bees		Honey		Farms	
	Farms	Number	Farms	Number	Farms	Pounds		
<b>STATE TOTAL</b>								
Iowa ----- 1987--	703	53 289	38	1 121	350	4 288 806	364	3 056
1982--	797	45 410	28	2 897	221	2 733 695	(NA)	1 997
<b>COUNTIES, 1987</b>								
Adair .....	8	73	1	(D)	5	(D)	5	1
Adams .....	5	161			2	(D)	2	(D)
Allamakee .....	12	(D)			6	(D)	6	(D)
Appanoose .....	11	363			3	26 200	3	16
Audubon .....	6	2 013			5	149 480	5	63
Benton .....	9	(D)	2	(D)	5	(D)	6	(D)
Black Hawk .....	12	461			7	91 837	7	48
Boone .....	7	56			2	(D)	2	(D)
Bremer .....	7	(D)			3	(D)	3	(D)
Buchanan .....	10	114			7	9 211	7	6
Butler .....	7	17			-	-	-	-
Calhoun .....	3	(D)			1	(D)	1	(D)
Carroll .....	5	112	1		3	(D)	3	(D)
Cass .....	3	(D)	1	(D)	2	(D)	2	(D)
Cedar .....	9	78	1	(D)	4	(D)	4	(D)
Cerro Gordo .....	8	33			6	2 530	6	2
Cherokee .....	3	71			2	(D)	2	(D)
Chickasaw .....	5	19	1	(D)	1	(D)	1	(D)
Clay .....	6	327			3	(D)	3	(D)
Clayton .....	10	92			4	6 250	4	3
Clinton .....	5	(D)			2	(D)	2	(D)
Crawford .....	5	(D)			4	(D)	4	(D)
Dallas .....	15	2 820	2	(D)	10	271 990	10	177
Davis .....	21	244	1	(D)	9	13 070	9	10
Decatur .....	10	63			1	(D)	1	(D)
Delaware .....	9	99			4	(D)	4	(D)
Des Moines .....	9	46	2	(D)	5	3 080	5	2
Dubuque .....	6	387			4	14 744	4	7
Fayette .....	12	(D)			9	71 765	9	45
Floyd .....	10	97	2	(D)	6	4 220	6	3
Fremont .....	8	168	1	(D)	2	(D)	2	(D)
Guthrie .....	9	8			2	(D)	2	(D)
Hamilton .....	9	656			6	40 990	6	28
Hancock .....	4	27			-	-	-	-
Hardin .....	12	736			10	71 514	10	37
Harrison .....	5	58	1	(D)	1	(D)	1	(D)
Henry .....	8	26			-	-	-	-
Howard .....	3	(D)			2	(D)	2	(D)
Ida .....	4	15			2	(D)	2	(D)
Iowa .....	4	16			1	(D)	1	(D)

**Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					Total sales (\$1,000)
			Colonies of bees		Honey		Farms	
	Farms	Number	Farms	Number	Farms	Pounds		
<b>COUNTIES, 1987</b> —Con.								
Jackson .....	8	(D)	-	-	7	(D)	7	(D)
Jasper .....	7	109	1	(D)	6	7 350	6	6
Jefferson .....	8	46	-	-	1	(D)	1	(D)
Johnson .....	24	119	1	(D)	6	1 225	7	1
Jones .....	7	162	-	-	2	(D)	2	(D)
Keokuk .....	5	27	-	-	2	(D)	2	(D)
Lee .....	15	188	-	-	3	(D)	3	(D)
Linn .....	16	1 104	3	(D)	11	136 850	12	84
Louisa .....	6	23	-	-	2	(D)	2	(D)
Lucas .....	5	24	1	(D)	3	(D)	4	1
Lyon .....	6	(D)	-	-	6	(D)	6	(D)
Madison .....	8	65	-	-	3	910	3	1
Mahaska .....	4	6	-	-	1	(D)	1	(D)
Marion .....	5	29	-	-	1	(D)	1	(D)
Marshall .....	10	103	-	-	6	5 087	6	(D)
Mills .....	6	(D)	1	(D)	2	(D)	3	(D)
Mitchell .....	10	(D)	-	-	6	(D)	6	(D)
Monona .....	5	131	1	(D)	3	(D)	3	(D)
Monroe .....	4	35	-	-	3	(D)	3	(D)
Muscatine .....	9	100	-	-	5	(D)	5	(D)
O'Brien .....	3	(D)	-	-	3	(D)	3	(D)
Page .....	8	(D)	1	(D)	6	(D)	6	(D)
Palo Alto .....	3	15	-	-	-	-	-	-
Plymouth .....	11	144	1	(D)	1	(D)	2	(D)
Polk .....	17	1 244	1	(D)	10	132 368	10	117
Pottawattamie .....	17	710	2	(D)	7	54 978	7	38
Poweshiek .....	5	51	-	-	3	2 800	3	2
Ringgold .....	6	211	-	-	5	10 970	5	6
Scott .....	14	109	-	-	9	8 145	9	(D)
Shelby .....	5	2 625	-	-	4	303 960	4	192
Sioux .....	12	293	-	-	9	37 100	9	19
Story .....	18	569	2	(D)	9	47 600	10	36
Tama .....	5	(D)	-	-	1	(D)	1	(D)
Union .....	3	(D)	-	-	1	(D)	1	(D)
Van Buren .....	10	143	-	-	3	(D)	3	(D)
Wapello .....	6	26	-	-	2	(D)	2	(D)
Warren .....	9	154	-	-	5	4 660	5	3
Washington .....	10	66	-	-	2	(D)	2	(D)
Wayne .....	9	216	-	-	5	18 589	5	11
Webster .....	8	120	2	(D)	3	(D)	5	(D)
Winneshiek .....	9	489	-	-	5	23 579	5	15
Woodbury .....	12	5 198	1	(D)	12	614 386	12	386
Worth .....	4	27	-	-	-	-	-	-
All other counties .....	21	3 873	4	13	15	304 645	18	184

**Table 21. Fish Sales: 1987 and 1982**

[Not published for this State]

**Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
<b>DUCKS</b>				
<b>State Total</b>				
Iowa .....				
.....1987..	1 057	31 653	251	29 038
.....1982..	1 487	27 092	295	30 315
<b>GEESE</b>				
<b>State Total</b>				
Iowa .....				
.....1987..	728	14 965	184	18 123
.....1982..	970	17 556	200	34 190
<b>PIGEONS OR SQUAB</b>				
<b>State Total</b>				
Iowa .....				
.....1987..	57	4 313	20	2 430
.....1982..	60	3 099	18	1 381

Table 22. **Miscellaneous Poultry—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
<b>PHEASANTS</b>				
<b>State Total</b>				
Iowa.....	70	6 224	35	8 285
.....1987..	54	1 275	14	945
.....1982..				
<b>QUAIL</b>				
<b>State Total</b>				
Iowa.....	40	17 873	19	64 994
.....1987..	30	3 798	6	(D)
.....1982..				
<b>OTHER POULTRY</b>				
<b>State Total</b>				
Iowa.....	138	12 899	22	751
.....1987..	148	23 089	23	5 057
.....1982..				
<b>POULTRY HATCHED (SEE TEXT)</b>				
<b>State Total</b>				
Iowa.....	213	5 944 271	441	23 723 636
.....1987..	243	6 406 050	558	28 865 177
.....1982..				

Table 23. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		Sales (\$1,000)
	Farms	Number	Farms	Number	
<b>MULES, BURROS, AND DONKEYS</b>					
<b>State Total</b>					
Iowa.....	627	1 512	90	240	79
.....1987..	288	757	42	125	39
.....1982..					
<b>Counties, 1987</b>					
Adair.....	4	14	-	-	-
Adams.....	7	10	-	-	-
Allamakee.....	5	12	-	-	-
Appanoose.....	4	4	-	-	-
Audubon.....	3	7	2	(D)	(D)
Benton.....	6	7	-	-	-
Black Hawk.....	4	7	-	-	-
Boone.....	22	70	2	(D)	(D)
Bremer.....	4	10	2	(D)	(D)
Buchanan.....	8	16	-	-	-
Butler.....	7	36	4	12	(D)
Calhoun.....	3	7	-	-	-
Cass.....	8	12	-	-	-
Cedar.....	10	25	-	-	-
Cherokee.....	6	15	-	-	-
Clarke.....	10	26	1	(D)	(D)
Clay.....	8	12	-	-	-
Clayton.....	7	10	1	(D)	(D)
Clinton.....	4	7	1	(D)	(D)
Crawford.....	7	14	-	-	-
Dallas.....	7	15	1	(D)	(D)
Davis.....	8	15	3	4	1
Decatur.....	17	37	3	15	(D)
Delaware.....	5	27	1	(D)	(D)
Des Moines.....	3	3	-	-	-
Dubuque.....	3	4	-	-	-
Emmet.....	4	9	-	-	-
Fayette.....	9	11	-	-	-
Floyd.....	4	10	1	(D)	(D)
Franklin.....	4	4	-	-	-
Fremont.....	7	11	-	-	-
Grundy.....	3	5	4	4	1
Guthrie.....	6	6	-	-	-
Hamilton.....	5	21	1	(D)	(D)
Hancock.....	5	6	-	-	-
Hardin.....	10	53	3	5	1
Henry.....	5	11	-	-	-
Humboldt.....	3	8	-	-	-
Ida.....	7	20	2	(D)	(D)
Iowa.....	12	40	1	(D)	(D)

**Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales (\$1,000)
<b>MULES, BURROS, AND DONKEYS—Con.</b>					
<b>Counties, 1987—Con.</b>					
Jackson .....	9	46	3	4	1
Jasper .....	22	47	4	7	2
Jefferson .....	10	20	1	(D)	(D)
Johnson .....	12	25	3	(D)	(D)
Jones .....	9	17	—	—	—
Keokuk .....	6	19	3	4	1
Kossuth .....	6	20	1	(D)	(D)
Lee .....	9	25	—	—	—
Linn .....	8	17	—	—	—
Louisa .....	6	7	—	—	—
Lucas .....	16	43	3	5	1
Madison .....	17	32	1	(D)	(D)
Mahaska .....	13	28	1	(D)	(D)
Marion .....	15	30	—	—	—
Marshall .....	12	27	4	4	1
Mitchell .....	2	(D)	3	8	3
Monroe .....	9	18	—	—	—
Montgomery .....	7	19	4	6	(D)
Muscatine .....	12	38	1	(D)	(D)
O'Brien .....	4	9	—	—	—
Palo Alto .....	6	11	2	(D)	(D)
Plymouth .....	6	12	—	—	—
Polk .....	7	18	3	7	3
Poweshiek .....	4	10	—	—	—
Ringgold .....	15	22	4	6	2
Scott .....	6	13	—	—	—
Shelby .....	3	5	—	—	—
Sioux .....	3	5	—	—	—
Tama .....	6	18	2	(D)	(D)
Taylor .....	6	8	2	(D)	(D)
Union .....	3	6	—	—	—
Van Buren .....	5	5	1	(D)	(D)
Warren .....	18	34	—	—	—
Washington .....	6	18	2	(D)	(D)
Wayne .....	8	18	2	(D)	(D)
Webster .....	4	11	—	—	—
Winneshieki .....	8	20	1	(D)	(D)
Woodbury .....	7	14	—	—	—
All other counties .....	36	132	6	45	13
<b>GOATS, TOTAL</b>					
<b>State Total</b>					
Iowa .....	1 082	7 387	366	3 198	(NA)
.....	1 173	5 870	393	2 579	(NA)
<b>Counties, 1987</b>					
Adair .....	15	109	5	30	(NA)
Allamakee .....	9	38	1	(D)	(NA)
Appanoose .....	18	79	7	56	(NA)
Audubon .....	6	10	—	—	(NA)
Benton .....	7	20	—	(D)	(NA)
Black Hawk .....	15	62	5	18	(NA)
Boone .....	11	35	3	13	(NA)
Bremer .....	15	552	6	27	(NA)
Buchanan .....	11	57	4	(D)	(NA)
Buena Vista .....	6	17	1	(D)	(NA)
Butler .....	13	98	7	132	(NA)
Calhoun .....	3	8	—	—	(NA)
Carroll .....	3	(D)	2	(D)	(NA)
Cass .....	12	20	1	(D)	(NA)
Cedar .....	13	75	6	34	(NA)
Cerro Gordo .....	9	109	3	(D)	(NA)
Cherokee .....	13	44	4	16	(NA)
Chickasaw .....	9	38	2	(D)	(NA)
Clarke .....	15	74	9	50	(NA)
Clay .....	3	4	1	(D)	(NA)
Clayton .....	18	85	5	26	(NA)
Clinton .....	13	57	10	25	(NA)
Crawford .....	11	80	1	(D)	(NA)
Dallas .....	15	52	1	(D)	(NA)
Davis .....	16	63	3	13	(NA)
Decatur .....	12	32	4	(D)	(NA)
Delaware .....	5	59	—	—	(NA)
Des Moines .....	5	32	2	(D)	(NA)
Dubuque .....	23	197	7	34	(NA)
Fayette .....	9	145	2	(D)	(NA)
Floyd .....	12	38	4	9	(NA)
Fremont .....	3	(D)	1	(D)	(NA)
Greene .....	7	8	2	(D)	(NA)
Grundy .....	11	47	6	27	(NA)
Guthrie .....	13	45	2	(D)	(NA)
Hamilton .....	6	15	3	9	(NA)
Hancock .....	6	20	1	(D)	(NA)
Hardin .....	8	74	1	(D)	(NA)
Harrison .....	11	42	4	30	(NA)
Henry .....	17	372	7	86	(NA)

Table 23. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales			
	Farms	Number	Farms	Number	Sales (\$1,000)	
<b>GOATS, TOTAL—Con.</b>						
<b>Counties, 1987—Con.</b>						
Howard .....	9	41	7	25	(NA)	
Humboldt .....	2	(D)	3	6	(NA)	
Ia .....	10	19	3	10	(NA)	
Iowa .....	10	50	5	32	(NA)	
Jackson .....	22	124	12	75	(NA)	
Jasper .....	16	67	7	50	(NA)	
Jefferson .....	12	83	4	18	(NA)	
Johnson .....	19	143	7	34	(NA)	
Jones .....	9	72	2	(D)	(NA)	
Keokuk .....	10	102	5	35	(NA)	
Kossuth .....	11	47	5	42	(NA)	
Lee .....	14	96	2	(D)	(NA)	
Linn .....	26	111	7	61	(NA)	
Louisa .....	16	77	5	26	(NA)	
Lucas .....	14	49	7	50	(NA)	
Lyon .....	11	52	3	43	(NA)	
Madison .....	10	60	6	40	(NA)	
Mahaska .....	17	74	2	28	(NA)	
Marion .....	15	83	2	(D)	(NA)	
Marshall .....	16	93	6	38	(NA)	
Mills .....	3	7	1	(D)	(NA)	
Mitchell .....	10	79	2	(D)	(NA)	
Monona .....	5	24	1	(D)	(NA)	
Monroe .....	20	194	5	22	(NA)	
Montgomery .....	8	67	1	(D)	(NA)	
Muscatine .....	14	101	7	34	(NA)	
O'Brien .....	5	(D)	1	(D)	(NA)	
Osceola .....	7	55	-	-	(NA)	
Page .....	14	61	6	29	(NA)	
Palo Alto .....	8	17	3	6	(NA)	
Plymouth .....	11	24	3	10	(NA)	
Pocahontas .....	3	7	-	-	(NA)	
Polk .....	9	107	5	(D)	(NA)	
Pottawattamie .....	11	30	3	15	(NA)	
Poweshiek .....	7	37	2	(D)	(NA)	
Ringgold .....	10	76	3	28	(NA)	
Sac .....	5	15	-	-	(NA)	
Scott .....	15	113	5	49	(NA)	
Shelby .....	10	54	5	45	(NA)	
Sioux .....	15	171	3	5	(NA)	
Story .....	11	82	4	29	(NA)	
Tama .....	20	164	9	57	(NA)	
Taylor .....	13	94	5	28	(NA)	
Union .....	5	12	1	(D)	(NA)	
Van Buren .....	20	88	4	21	(NA)	
Wapello .....	16	61	4	47	(NA)	
Warren .....	20	115	11	126	(NA)	
Washington .....	12	58	11	144	(NA)	
Wayne .....	8	40	4	8	(NA)	
Webster .....	10	24	3	26	(NA)	
Winnebago .....	6	19	2	(D)	(NA)	
Winneshiek .....	17	755	5	143	(NA)	
Woodbury .....	14	60	4	(D)	(NA)	
Worth .....	10	120	4	148	(NA)	
Wright .....	7	20	1	(D)	(NA)	
All other counties .....	7	25	1	(D)	(NA)	
<b>GOATS, EXCEPT ANGORA AND MILK</b>						
<b>State Total</b>						
Iowa .....	1987	757	3 201	271	2 116	61
	1982	323	1 120	99	(D)	(D)
<b>RABBITS AND THEIR PELTS</b>						
<b>State Total</b>						
Iowa .....	1987	494	13 788	173	36 971	177
	1982	329	11 719	171	27 837	122
<b>OTHER LIVESTOCK AND LIVESTOCK PRODUCTS</b>						
<b>State Total</b>						
Iowa .....	1987	134	(X)	86	(X)	413
	1982	(NA)	(X)	(NA)	(X)	(D)

**Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR GRAIN OR SEED (BUSHELS)</b>										
<b>State Total</b>										
Iowa.....	83 301	10 147 051	1 274 388 346	453	62 099	92 462	12 880 050	1 466 953 043	386	59 796
<b>Counties</b>										
Adair.....	798	93 246	11 527 532	2	(D)	900	107 781	10 350 588	1	(D)
Adams.....	516	51 424	6 143 315	-	-	580	62 254	5 496 845	-	-
Allamakee.....	842	61 451	7 918 552	-	-	928	82 443	8 829 375	1	(D)
Appanoose.....	480	26 382	2 936 759	-	-	499	31 651	2 645 243	-	-
Audubon.....	674	89 190	11 444 514	2	(D)	744	112 767	11 646 059	-	-
Benton.....	1 183	144 170	19 409 044	1	(D)	1 328	188 670	22 099 370	1	(D)
Black Hawk.....	996	120 536	16 646 615	2	(D)	1 074	146 916	17 815 328	2	(D)
Boone.....	825	112 738	15 534 064	1	(D)	931	141 511	17 333 411	-	-
Bremer.....	890	93 017	12 379 993	4	160	1 057	116 766	13 654 093	4	254
Buchanan.....	1 136	139 845	19 024 742	1	(D)	1 193	176 718	21 468 464	-	-
Buena Vista.....	953	125 356	15 860 096	3	(D)	1 056	163 381	19 128 081	2	(D)
Butler.....	1 024	121 799	15 823 601	2	(D)	1 195	154 661	17 987 647	1	(D)
Calhoun.....	872	111 282	15 303 730	3	295	1 008	148 119	17 999 607	1	(D)
Carroll.....	1 105	132 252	17 304 749	2	(D)	1 159	152 727	16 712 864	1	(D)
Cass.....	783	106 962	13 504 527	-	-	870	129 355	13 117 123	-	-
Cedar.....	953	138 757	16 395 191	-	-	1 113	192 257	25 190 085	-	-
Cerro Gordo.....	757	123 528	15 908 537	2	(D)	847	158 200	19 103 648	2	(D)
Cherokee.....	928	111 626	13 914 353	-	-	1 016	137 628	16 198 419	1	(D)
Chickasaw.....	869	99 779	12 785 975	8	775	958	130 415	13 451 087	6	1 410
Clarke.....	459	37 261	3 462 983	-	-	525	47 634	3 487 164	-	-
Clay.....	750	103 766	13 480 814	2	(D)	882	146 191	16 086 229	4	413
Clayton.....	1 383	130 350	17 251 649	-	-	1 428	158 460	18 436 475	-	-
Clinton.....	1 183	165 946	17 740 345	-	-	1 329	225 437	27 944 257	-	-
Crawford.....	1 050	132 197	15 865 611	-	-	1 236	162 571	16 789 928	-	-
Dallas.....	776	108 578	14 777 623	1	(D)	886	145 678	17 589 876	-	-
Davis.....	569	40 121	3 532 975	1	(D)	650	56 371	5 211 412	-	-
Decatur.....	402	33 659	3 456 175	-	-	448	47 354	3 942 426	1	(D)
Delaware.....	1 247	152 360	20 436 465	-	-	1 303	184 224	22 956 796	-	-
Des Moines.....	596	70 934	7 752 866	1	(D)	634	95 773	12 103 320	2	(D)
Dickinson.....	474	67 152	8 680 549	1	(D)	550	91 610	10 272 578	1	(D)
Dubuque.....	1 367	103 204	13 034 171	-	-	1 440	122 836	14 830 558	-	-
Emmet.....	523	76 262	10 513 999	5	218	617	107 116	12 916 187	3	(D)
Fayette.....	1 271	152 228	20 745 603	4	(D)	1 376	189 247	20 846 810	2	(D)
Floyd.....	811	108 155	13 898 599	6	605	894	132 029	15 091 739	6	(D)
Franklin.....	870	130 089	17 768 732	5	234	1 022	172 074	20 827 413	2	(D)
Fremont.....	567	87 155	9 823 386	9	1 148	605	97 807	8 725 670	7	773
Greene.....	789	112 576	16 013 687	4	377	882	148 325	17 624 475	3	445
Grundy.....	886	128 793	18 051 570	-	-	954	160 873	19 687 197	-	-
Guthrie.....	737	82 343	10 291 912	2	(D)	841	107 907	11 360 563	1	(D)
Hamilton.....	883	126 152	17 603 314	1	(D)	990	165 868	20 614 069	-	-
Hancock.....	940	128 403	17 048 320	5	450	1 050	166 870	20 170 740	4	480
Hardin.....	872	128 885	17 937 064	1	(D)	983	167 179	21 145 166	1	(D)
Harrison.....	835	124 451	16 261 726	70	9 998	956	148 222	15 315 138	63	11 122
Henry.....	670	76 628	7 780 010	-	-	765	104 574	12 584 266	-	-
Howard.....	790	86 835	10 708 944	1	(D)	879	109 104	10 854 823	2	(D)
Humboldt.....	679	96 411	13 484 942	3	261	749	124 196	15 813 697	1	(D)
Ida.....	651	92 054	11 032 148	-	-	725	111 238	12 682 001	1	(D)
Iowa.....	863	118 279	14 285 398	-	-	950	153 884	17 707 102	-	-
Jackson.....	1 032	86 001	9 565 228	-	-	1 130	116 534	13 723 345	1	(D)
Jasper.....	1 104	140 825	18 812 791	5	(D)	1 245	177 296	21 054 371	2	(D)
Jefferson.....	570	63 756	6 364 526	-	-	679	81 451	9 023 779	-	-
Johnson.....	1 020	108 975	11 784 648	1	(D)	1 160	145 747	17 586 784	-	-
Jones.....	941	115 264	13 718 597	-	-	1 082	152 719	19 351 320	1	(D)
Keokuk.....	828	109 327	13 610 959	-	-	955	138 528	16 229 762	-	-
Kossuth.....	1 556	212 709	30 307 429	5	390	1 691	273 362	34 888 272	5	590
Lee.....	707	67 487	6 070 069	4	176	762	84 397	9 785 050	-	-
Linn.....	1 260	124 735	15 227 689	-	-	1 375	157 295	19 259 510	2	(D)
Louisa.....	537	72 324	7 168 836	14	1 765	586	94 241	11 895 481	8	1 277
Lucas.....	400	28 860	2 908 261	-	-	458	38 653	2 941 910	-	-
Lyon.....	1 016	117 416	13 619 698	12	1 038	1 185	149 090	15 102 970	8	655
Madison.....	698	58 576	6 955 682	-	-	761	71 220	6 706 904	-	-
Mahaska.....	954	107 872	14 344 045	-	-	1 030	127 705	14 086 859	1	(D)
Marion.....	801	70 865	8 764 911	-	-	868	81 644	8 138 926	-	-
Marshall.....	833	121 035	16 830 774	-	-	961	155 054	18 972 614	1	(D)
Mills.....	513	80 324	9 796 784	3	470	526	94 974	9 143 749	6	905
Mitchell.....	763	96 111	11 770 471	2	(D)	842	117 903	13 667 001	2	(D)
Monona.....	738	127 574	15 077 846	84	17 551	778	155 575	16 765 786	67	(D)
Monroe.....	447	26 349	2 665 907	-	-	481	32 211	2 527 481	-	-
Montgomery.....	575	73 645	8 730 435	-	-	592	84 492	7 856 659	-	-
Muscatine.....	684	81 722	7 955 200	14	995	796	104 558	12 902 533	10	847
O'Brien.....	1 056	124 897	16 222 003	-	-	1 138	155 057	17 144 500	-	-
Osceola.....	616	77 922	10 347 932	9	895	720	102 719	11 764 594	10	999
Page.....	812	84 480	9 291 092	2	(D)	818	94 960	8 257 952	-	-
Palo Alto.....	839	118 241	15 586 249	27	4 254	918	154 733	18 779 486	22	(D)
Plymouth.....	1 452	188 164	20 983 684	11	1 336	1 575	226 503	23 682 167	14	2 255
Pocahontas.....	910	118 510	15 779 681	2	(D)	1 002	157 764	19 706 823	1	(D)
Polk.....	653	80 518	11 274 889	1	(D)	724	100 893	11 940 107	-	-
Pottawattamie.....	1 287	190 703	25 187 379	6	1 785	1 401	231 146	25 299 252	8	(D)
Poweshiek.....	816	100 151	12 586 370	1	(D)	917	129 984	15 053 738	-	-
Ringgold.....	482	40 969	4 248 023	-	-	524	51 306	3 927 621	-	-

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR GRAIN OR SEED (BUSHEL)—Con.</b>										
<b>Counties—Con.</b>										
Sac .....	897	119 558	15 021 139	6	621	964	149 270	16 488 523	2	(D)
Scott .....	763	111 372	13 407 266	-	-	878	148 128	19 310 273	-	-
Shelby .....	984	132 411	16 173 496	-	-	1 130	163 575	18 089 977	-	-
Sioux .....	1 561	194 424	22 031 184	54	7 716	1 689	226 736	23 940 261	53	6 848
Story .....	885	116 748	16 455 650	5	(D)	986	152 049	19 136 567	1	(D)
Tama .....	1 137	146 615	19 327 395	-	-	1 228	173 412	20 382 661	-	-
Taylor .....	581	55 044	5 868 957	-	-	653	64 316	4 986 346	1	(D)
Union .....	473	40 799	4 545 259	-	-	521	49 811	4 211 312	-	-
Van Buren .....	553	41 462	4 100 414	-	-	652	58 885	5 885 896	-	-
Wapello .....	511	49 900	5 287 674	-	-	628	60 987	6 668 944	-	-
Warren .....	793	69 880	8 380 487	1	(D)	847	84 363	8 010 793	1	(D)
Washington .....	932	116 371	13 290 292	3	28	1 018	153 099	19 016 996	1	(D)
Wayne .....	505	43 055	4 557 377	-	-	557	60 140	4 554 293	-	-
Webster .....	1 048	138 143	19 331 951	1	(D)	1 140	182 890	23 057 388	1	(D)
Winnebago .....	640	87 427	11 820 656	-	-	711	112 432	13 198 676	1	(D)
Winneshek .....	1 290	103 614	13 335 146	1	(D)	1 425	132 345	13 478 416	2	(D)
Woodbury .....	1 020	162 688	18 991 273	20	3 564	1 178	214 962	22 589 745	24	4 883
Worth .....	552	77 320	10 020 057	2	(D)	669	104 574	12 557 015	3	390
Wright .....	798	119 346	16 476 936	2	(D)	903	163 690	20 396 041	-	-
<b>SORGHUM FOR GRAIN OR SEED (BUSHEL)</b>										
<b>State Total</b>										
Iowa .....	108	4 376	334 779	-	-	292	13 500	752 727	1	(D)
<b>Counties</b>										
Adams .....	3	160	(D)	-	-	4	(D)	4 480	-	-
Boone .....	3	10	420	-	-	3	(D)	5 225	-	-
Chickasaw .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke .....	4	19	993	-	-	12	398	10 889	-	-
Decatur .....	3	136	11 780	-	-	7	347	16 480	-	-
Dubuque .....	4	64	4 730	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont .....	7	484	45 258	-	-	15	739	65 258	-	-
Howard .....	3	169	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	7	144	8 160	-	-	5	92	2 424	-	-
Lee .....	5	158	7 134	-	-	3	(D)	2 040	-	-
Linn .....	4	200	14 080	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk .....	3	61	(D)	-	-	5	(D)	(D)	-	-
Story .....	3	14	1 200	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor .....	4	57	2 560	-	-	5	(D)	9 900	-	-
Washington .....	6	80	3 847	-	-	19	409	14 628	-	-
All other counties .....	39	2 283	174 961	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>WHEAT FOR GRAIN (BUSHEL)</b>										
<b>State Total</b>										
Iowa .....	1 345	31 047	1 180 360	2	(D)	2 731	98 688	2 845 239	13	843
<b>Counties</b>										
Adair .....	7	(D)	46 740	-	-	31	1 161	36 306	-	-
Adams .....	17	519	11 123	-	-	61	2 402	61 312	1	(D)
Appanoose .....	8	115	3 735	-	-	42	853	23 153	-	-
Audubon .....	7	356	17 472	-	-	13	608	18 236	-	-
Benton .....	17	302	12 534	-	-	12	550	10 530	-	-
Black Hawk .....	5	134	5 063	-	-	7	532	17 513	-	-
Boone .....	11	167	7 423	-	-	13	561	23 786	-	-
Bremer .....	3	(D)	981	-	-	4	122	3 115	-	-
Buchanan .....	10	135	6 416	-	-	7	136	3 910	-	-
Buena Vista .....	3	(D)	10 260	-	-	3	314	5 620	-	-
Butler .....	7	220	7 952	-	-	10	262	5 601	-	-
Carroll .....	3	447	24 364	-	-	7	161	4 183	-	-
Cass .....	22	505	17 436	-	-	52	2 380	82 352	-	-
Cedar .....	9	297	8 695	-	-	15	296	12 987	-	-
Cerro Gordo .....	3	(D)	450	-	-	4	87	1 660	-	-
Chickasaw .....	7	215	8 450	-	-	6	82	2 558	-	-
Clarke .....	7	162	3 355	-	-	15	334	9 685	-	-
Clayton .....	11	143	6 840	-	-	3	(D)	(D)	1	(D)
Clinton .....	31	510	26 072	-	-	14	247	9 067	-	-
Crawford .....	9	120	4 853	-	-	28	895	30 022	-	-
Dallas .....	8	322	19 349	-	-	10	372	15 057	-	-
Davis .....	31	589	17 300	-	-	83	2 129	53 316	-	-
Decatur .....	15	304	8 160	-	-	44	2 178	58 208	1	(D)
Delaware .....	21	275	10 215	-	-	5	158	6 644	-	-
Des Moines .....	42	690	35 118	-	-	84	3 057	98 275	-	-
Dickinson .....	5	166	6 521	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	11	104	4 735	-	-	11	230	8 391	-	-
Fayette .....	12	213	7 220	-	-	16	326	9 976	-	-
Floyd .....	5	34	1 120	-	-	7	179	8 039	-	-
Franklin .....	3	(D)	11 910	-	-	3	(D)	(D)	-	-

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WHEAT FOR GRAIN (BUSHEL)S)—Con.</b>										
<b>Counties—Con.</b>										
Fremont .....	19	577	22 367	-	-	61	3 958	68 546	-	-
Greene .....	5	139	4 180	-	-	5	612	20 950	-	-
Grundy .....	5	68	3 485	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	6	124	3 290	-	-	11	409	14 590	-	-
Hamilton .....	3	(D)	8 620	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	32	1 101	37 407	-	-	147	6 220	207 700	1	(D)
Henry .....	22	301	13 151	-	-	60	1 261	37 241	-	-
Howard .....	6	122	3 112	-	-	8	(D)	13 610	-	-
Ida .....	8	79	3 240	-	-	3	22	680	-	-
Iowa .....	12	111	6 413	-	-	16	413	15 035	-	-
Jackson .....	40	542	23 455	-	-	17	427	19 155	-	-
Jasper .....	5	65	2 667	-	-	9	189	7 308	-	-
Jefferson .....	33	1 128	29 320	-	-	70	1 841	50 816	-	-
Johnson .....	18	369	17 322	-	-	26	694	26 907	-	-
Jones .....	13	196	5 020	-	-	13	992	23 768	-	-
Keokuk .....	29	616	25 108	-	-	48	1 056	36 927	-	-
Kossuth .....	4	54	2 260	-	-	6	193	3 490	-	-
Lee .....	119	1 807	69 203	-	-	243	5 578	142 196	-	-
Linn .....	28	368	12 916	-	-	18	686	24 470	-	-
Louisa .....	24	716	28 483	2	(D)	31	1 184	38 956	2	(D)
Lyon .....	5	53	2 250	-	-	13	383	13 907	-	-
Madison .....	4	120	5 045	-	-	37	1 299	31 703	-	-
Mahaska .....	6	94	3 615	-	-	9	105	2 802	-	-
Marion .....	16	235	7 450	-	-	35	915	28 174	-	-
Marshall .....	10	140	5 938	-	-	6	76	4 290	-	-
Mills .....	29	673	22 119	-	-	73	3 109	87 181	-	-
Mitchell .....	23	338	12 084	-	-	15	530	16 454	-	-
Monona .....	34	1 151	38 895	-	-	66	5 265	150 032	1	(D)
Monroe .....	6	104	4 095	-	-	16	248	6 595	-	-
Montgomery .....	12	482	17 674	-	-	70	2 497	66 229	-	-
Muscatine .....	28	737	27 826	-	-	26	1 039	40 239	2	(D)
O'Brien .....	3	34	1 560	-	-	4	160	6 080	-	-
Osceola .....	5	158	4 079	-	-	9	243	8 069	-	-
Page .....	64	1 626	57 610	-	-	154	5 557	134 320	-	-
Plymouth .....	19	325	14 129	-	-	16	732	26 028	1	(D)
Polk .....	4	107	3 940	-	-	21	786	22 448	-	-
Pottawattamie .....	43	1 516	54 434	-	-	115	3 845	141 885	-	-
Poweshiek .....	6	164	8 820	-	-	5	81	4 180	-	-
Ringgold .....	10	437	12 789	-	-	48	2 010	37 916	-	-
Sac .....	3	64	3 150	-	-	15	782	32 803	-	-
Scott .....	6	109	5 604	-	-	8	110	3 780	-	-
Shelby .....	4	58	2 710	-	-	17	768	29 845	-	-
Sioux .....	7	231	9 820	-	-	10	472	17 517	1	(D)
Story .....	7	128	5 419	-	-	8	144	5 255	-	-
Tama .....	10	240	9 760	-	-	11	393	8 558	-	-
Taylor .....	27	576	24 097	-	-	107	4 358	89 988	-	-
Union .....	10	268	7 953	-	-	42	1 881	58 912	-	-
Van Buren .....	40	554	18 220	-	-	132	3 629	93 388	-	-
Wapello .....	6	59	1 170	-	-	30	1 178	38 707	-	-
Warren .....	9	207	8 579	-	-	41	1 402	36 837	-	-
Washington .....	47	876	36 235	-	-	52	1 218	47 571	2	(D)
Wayne .....	19	343	11 688	-	-	42	1 372	37 681	-	-
Webster .....	3	(D)	2 650	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	6	79	4 030	-	-	10	259	7 760	-	-
Woodbury .....	16	697	20 137	-	-	14	1 002	32 224	-	-
All other counties .....	17	821	31 805	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>BARLEY FOR GRAIN (BUSHEL)S)</b>										
<b>State Total</b>										
Iowa .....	357	6 545	358 125	7	483	137	3 449	161 974	4	184
<b>Counties</b>										
Allamakee .....	20	399	19 938	-	-	5	122	8 260	-	-
Benton .....	3	(D)	(NA)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	3	13	560	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista .....	4	52	3 230	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	4	64	3 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee .....	4	110	4 509	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	3	45	1 968	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	22	449	23 351	-	-	5	45	2 010	-	-
Crawford .....	3	69	3 551	-	-	5	157	6 500	-	-
Delaware .....	12	188	13 830	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	56	990	59 917	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette .....	24	442	25 360	-	-	7	119	3 800	-	-
Franklin .....	4	48	2 820	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	9	189	10 215	-	-	5	134	4 108	-	-
Ida .....	3	115	6 535	-	-	6	155	11 560	-	-
Jackson .....	3	40	2 030	-	-	4	42	2 784	-	-
Johnson .....	3	19	1 140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones .....	3	(D)	(NA)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon .....	3	90	5 200	1	(D)	7	261	15 083	-	-
Marshall .....	5	106	5 590	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>BARLEY FOR GRAIN (BUSHELS)—Con.</b>										
<b>Counties—Con.</b>										
Mitchell .....	8	64	2 525	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	3	44	1 320	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	4	124	6 791	-	-	4	93	6 550	-	-
Sac .....	3	62	3 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Shelby .....	3	35	1 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Tama .....	5	99	4 765	1	(D)	3	(D)	(D)	-	-
Winneshiak .....	93	1 470	76 087	-	-	3	76	3 850	-	-
Woodbury .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	44	1 058	59 118	4	353	(NA)	(NA)	(NA)	(NA)	(NA)
<b>MIXED GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Iowa .....	5	103	5 540	-	-	13	452	15 695	-	-
<b>OATS FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Iowa .....	25 398	544 907	30 918 660	16	484	35 752	811 716	45 769 302	21	433
<b>Counties</b>										
Adair .....	318	6 998	313 087	-	-	486	11 545	510 718	-	-
Adams .....	178	4 495	198 446	-	-	262	6 881	250 468	-	-
Allamakee .....	577	14 044	808 084	-	-	662	14 907	814 921	1	(D)
Appanoose .....	92	1 461	63 161	-	-	134	2 134	67 868	-	-
Audubon .....	236	5 359	332 061	-	-	384	9 522	526 448	-	-
Benton .....	457	9 097	547 160	-	-	619	13 098	733 540	-	-
Black Hawk .....	228	4 596	243 747	-	-	347	6 943	363 395	-	-
Boone .....	148	3 031	186 754	-	-	268	5 416	333 105	-	-
Bremer .....	339	6 102	355 158	-	-	459	8 468	402 525	-	-
Buchanan .....	474	8 399	475 365	-	-	513	9 957	469 424	-	-
Buena Vista .....	169	3 160	188 471	-	-	310	6 062	437 499	-	-
Butler .....	361	6 881	392 072	-	-	544	11 090	600 642	1	(D)
Calhoun .....	140	2 913	167 384	-	-	283	6 385	467 266	-	-
Carroll .....	375	8 249	493 853	-	-	518	11 912	796 252	-	-
Cass .....	185	3 618	151 785	-	-	341	7 667	337 778	-	-
Cedar .....	324	5 739	361 588	-	-	423	8 116	492 998	1	(D)
Cerro Gordo .....	166	3 600	200 255	-	-	265	5 644	340 832	-	-
Cherokee .....	219	4 098	262 749	-	-	383	8 084	636 600	-	-
Chickasaw .....	381	7 470	450 070	-	-	441	8 945	402 283	1	(D)
Clarke .....	142	3 347	101 555	-	-	182	4 298	124 563	1	(D)
Clay .....	111	2 587	145 093	-	-	253	6 111	405 917	-	-
Clayton .....	932	22 492	1 453 302	-	-	979	23 130	1 190 512	-	-
Clinton .....	447	7 919	467 898	2	(D)	509	9 984	576 764	-	-
Crawford .....	459	11 605	522 245	-	-	718	21 572	1 421 057	-	-
Dallas .....	124	2 441	138 165	-	-	186	3 172	198 263	-	-
Davis .....	171	2 702	105 283	-	-	237	4 029	121 172	-	-
Decatur .....	55	1 180	36 181	-	-	93	1 909	48 469	-	-
Delaware .....	767	17 382	1 083 467	-	-	825	19 199	960 503	-	-
Des Moines .....	72	1 072	50 331	-	-	103	1 400	62 314	-	-
Dickinson .....	96	2 212	130 921	-	-	162	3 644	268 587	-	-
Dubuque .....	973	22 459	1 449 245	-	-	1 065	24 858	1 152 458	-	-
Emmet .....	54	1 074	65 923	-	-	94	1 646	119 231	-	-
Fayette .....	662	14 940	967 020	-	-	807	18 081	943 149	-	-
Floyd .....	211	4 573	278 941	-	-	328	7 403	363 225	1	(D)
Franklin .....	177	2 772	165 857	-	-	308	5 547	321 577	-	-
Fremont .....	20	437	21 686	-	-	62	1 509	72 579	-	-
Greene .....	128	2 336	144 126	-	-	195	4 087	269 988	-	-
Grundy .....	169	2 666	160 529	-	-	278	6 066	352 447	-	-
Guthrie .....	229	5 183	249 610	-	-	380	8 999	463 145	1	(D)
Hamilton .....	95	1 483	97 869	-	-	187	2 886	160 069	-	-
Hancock .....	198	3 471	226 932	1	(D)	341	6 111	365 293	-	-
Hardin .....	141	2 681	164 514	-	-	260	5 403	328 755	-	-
Harrison .....	146	3 325	171 519	-	-	273	7 645	497 882	-	-
Henry .....	127	1 925	90 324	-	-	184	2 927	123 279	1	(D)
Howard .....	378	9 270	505 665	-	-	487	12 003	584 675	-	-
Humboldt .....	106	2 107	123 290	-	-	141	2 805	194 297	1	(D)
Ida .....	200	4 566	222 282	-	-	324	9 411	685 981	-	-
Iowa .....	393	9 024	457 953	-	-	459	10 738	506 915	-	-
Jackson .....	642	14 445	847 486	1	(D)	712	15 859	738 155	1	(D)
Jasper .....	389	8 616	477 835	1	(D)	579	13 049	737 591	-	-
Jefferson .....	171	3 411	144 299	-	-	238	4 700	193 563	-	-
Johnson .....	465	10 945	570 480	1	(D)	525	11 437	554 889	-	-
Jones .....	428	9 551	549 614	-	-	517	11 425	544 213	-	-
Keokuk .....	224	4 281	200 473	-	-	304	6 244	281 493	-	-
Kossuth .....	267	4 886	297 649	-	-	424	6 916	478 535	-	-
Lee .....	107	1 712	64 373	-	-	131	1 897	74 623	-	-
Linn .....	489	9 449	512 429	1	(D)	559	11 367	501 366	-	-
Louisa .....	83	1 120	54 386	-	-	115	2 208	101 602	1	(D)
Lucas .....	89	1 837	71 585	1	(D)	133	2 782	94 297	-	-
Lyon .....	369	8 074	566 384	-	-	611	17 431	1 354 138	2	(D)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>OATS FOR GRAIN (BUSHEL)S—Con.</b>										
<b>Counties—Con.</b>										
Madison	142	3 048	153 495	-	-	237	4 654	201 418	-	-
Mahaska	318	6 110	337 828	-	-	487	9 147	454 832	-	-
Marion	246	4 948	248 410	-	-	326	6 855	314 512	2	(D)
Marshall	197	3 631	184 055	-	-	307	6 704	369 757	-	-
Mills	52	1 210	55 791	-	-	104	2 212	101 253	-	-
Mitchell	321	7 833	476 743	1	(D)	440	11 016	570 060	-	-
Monona	128	4 556	214 139	1	(D)	220	7 226	486 380	-	-
Monroe	83	1 457	62 381	-	-	116	2 226	75 721	-	-
Montgomery	96	1 866	91 878	-	-	167	3 631	158 943	-	-
Muscataine	204	4 275	224 208	1	(D)	252	5 032	294 363	-	-
O'Brien	283	4 530	346 987	-	-	377	7 357	567 640	-	-
Osceola	157	2 702	195 555	-	-	293	6 484	515 169	1	(D)
Page	136	2 540	107 537	-	-	226	4 973	197 745	-	-
Palo Alto	156	3 157	197 644	-	-	239	5 071	346 962	-	-
Plymouth	563	16 054	1 058 772	-	-	908	29 494	2 209 116	-	-
Pocahontas	121	2 024	125 628	2	(D)	220	4 245	301 329	-	-
Polk	88	1 600	87 155	-	-	143	2 742	142 333	-	-
Pottawattamie	300	7 231	451 766	-	-	450	11 918	711 435	-	-
Poweshiek	367	9 532	464 644	1	(D)	518	13 759	738 063	-	-
Ringgold	98	2 560	90 507	-	-	121	3 735	110 629	-	-
Sac	237	5 983	362 676	-	-	393	9 499	689 114	1	(D)
Scott	263	4 480	293 480	-	-	336	6 042	385 075	-	-
Shelby	380	8 645	476 387	-	-	593	15 110	986 603	-	-
Sioux	479	10 947	744 073	1	(D)	836	23 987	1 818 046	2	(D)
Story	90	1 527	86 951	1	(D)	172	2 902	160 239	-	-
Tama	347	6 465	313 356	-	-	547	10 857	565 438	-	-
Taylor	120	2 737	104 925	-	-	190	4 415	146 753	-	-
Union	139	3 301	137 330	-	-	239	6 178	228 631	-	-
Van Buren	122	2 046	72 429	-	-	167	2 706	83 733	-	-
Wapello	98	1 651	68 796	-	-	124	1 990	80 535	-	-
Warren	167	2 972	125 358	-	-	245	4 425	181 085	-	-
Washington	327	6 212	295 085	-	-	359	6 944	324 488	-	-
Wayne	81	1 625	57 353	-	-	139	3 451	92 822	1	(D)
Webster	93	1 798	104 881	-	-	166	3 441	214 039	-	-
Winnebago	157	2 860	186 347	-	-	244	4 389	266 192	-	-
Winneshiek	853	20 576	1 217 857	-	-	1 057	26 005	1 341 908	-	-
Woodbury	282	9 046	495 502	-	-	493	18 807	1 372 094	1	(D)
Worth	146	2 758	160 748	-	-	262	5 063	297 258	-	-
Wright	88	1 546	94 034	-	-	129	2 350	145 496	-	-
<b>POPCORN (POUNDS, SHELLED)</b>										
<b>State Total</b>										
Iowa	584	22 040	60 796 850	14	(D)	280	17 709	47 829 502	8	1 206
<b>Counties</b>										
Adair	8	(D)	400 977	-	-	3	67	106 000	-	-
Allamakee	17	(D)	423 866	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	6	(D)	705 042	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	5	129	120 500	-	-	3	(D)	(D)	-	-
Black Hawk	8	(D)	67 740	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	5	(D)	614 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	8	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	4	(D)	402 820	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	10	(D)	917 100	-	-	4	208	624 900	-	-
Cass	10	(D)	944 906	-	-	3	180	419 030	-	-
Cedar	3	20	17 500	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	10	355	823 333	-	-	5	192	558 000	-	-
Chickasaw	3	52	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	27	1 089	3 457 640	-	-	32	1 576	3 441 959	-	-
Dallas	3	(D)	12 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	3	148	291 800	-	-	5	96	270 400	-	-
Delaware	9	(D)	146 765	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	7	49	80 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	9	(D)	223 380	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	6	75	150 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	3	(D)	121 910	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	20	(D)	2 642 640	-	-	13	886	2 088 465	-	-
Hamilton	5	(D)	261 161	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	5	133	345 250	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	21	(D)	6 890 477	6	523	12	1 818	5 783 795	2	(D)
Howard	9	(D)	170 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	17	552	1 741 868	-	-	7	227	691 500	-	-
Iowa	5	(D)	422 365	-	-	4	216	698 000	-	-
Jackson	7	75	90 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	10	431	1 274 150	-	-	3	4	(D)	-	-
Johnson	6	57	(D)	-	-	17	956	2 407 196	-	-
Jones	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	7	205	593 100	-	-	6	507	1 204 550	-	-
Kossuth	12	391	1 315 485	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	(D)	-	-	4	(D)	(D)	-	-
Madison	5	39	69 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	6	23	24 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>POPCORN (POUNDS, SHELLED)—Con.</b>										
<b>Counties—Con.</b>										
Marshall .....	5	80	238 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills .....	5	406	946 020	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell .....	11	(D)	306 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona .....	41	2 777	8 359 055	3	(D)	17	1 428	3 867 300	2	(D)
Monroe .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page .....	4	(D)	399 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	5	308	888 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	22	792	2 538 294	1	(D)	5	172	239 600	-	-
Pottawattamie .....	7	218	380 888	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek .....	7	(D)	574 206	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	41	1 876	4 780 772	-	-	44	2 857	8 533 347	-	-
Shelby .....	15	(D)	1 371 030	-	-	19	717	1 484 201	-	-
Story .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	6	272	668 700	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	6	6	4 160	-	-	4	7	9 925	-	-
Woodbury .....	38	2 294	7 083 550	1	(D)	25	1 515	4 418 270	2	(D)
Worth .....	3	(D)	240 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	42	1 192	2 479 860	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>RYE FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Iowa .....	138	1 867	56 342	3	84	142	2 187	58 124	3	18
<b>Counties</b>										
Benton .....	5	26	490	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	5	89	2 250	-	-	4	39	1 419	-	-
Butler .....	7	48	1 715	-	-	4	(D)	(D)	-	-
Carroll .....	3	48	2 655	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	3	55	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	3	22	1 330	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clinton .....	6	36	1 935	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Greene .....	4	39	1 460	-	-	4	27	720	-	-
Guthrie .....	3	48	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson .....	3	46	1 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	4	27	792	-	-	4	42	1 144	-	-
Jones .....	4	(D)	2 250	-	-	3	(D)	(D)	-	-
Lee .....	3	(D)	(D)	-	-	4	22	(D)	-	-
Louisia .....	11	181	2 790	1	(D)	11	230	5 525	2	(D)
Mills .....	4	17	720	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	12	193	2 789	1	(D)	10	212	4 089	1	(D)
Sioux .....	5	(D)	5 835	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	3	23	596	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Washington .....	3	12	410	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winnebiek .....	3	12	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	44	682	21 440	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SOYBEANS FOR BEANS (BUSHEL)</b>										
<b>State Total</b>										
Iowa.....	68 278	7 903 395	326 081 351	221	20 304	73 175	8 044 305	291 189 890	179	21 215
<b>Counties</b>										
Adair.....	667	66 704	2 824 823	-	-	724	60 861	1 963 818	-	-
Adams.....	451	42 173	1 603 229	-	-	513	46 894	1 359 648	-	-
Allamakee.....	120	3 726	156 073	-	-	93	3 881	127 430	-	-
Appanoose.....	401	25 860	914 278	-	-	462	27 523	678 723	-	-
Audubon.....	607	65 109	2 752 156	2	(D)	589	60 722	2 213 337	-	-
Benton.....	1 062	126 534	5 712 984	1	(D)	1 159	125 859	4 949 326	-	-
Black Hawk.....	867	88 213	4 010 768	1	(D)	903	89 027	3 342 554	-	-
Boone.....	795	122 615	5 406 176	-	-	869	117 640	4 613 391	-	-
Bremer.....	692	52 660	2 283 773	1	(D)	801	54 571	1 903 151	2	(D)
Buchanan.....	870	71 922	3 242 621	-	-	831	70 965	2 536 562	-	-
Buena Vista.....	924	130 258	5 335 671	3	87	975	128 265	4 754 154	1	(D)
Butler.....	926	86 141	3 689 973	2	(D)	1 008	87 484	3 074 173	1	(D)
Calhoun.....	853	144 293	6 418 023	4	242	982	142 903	5 444 739	1	(D)
Carroll.....	1 037	115 659	4 939 438	1	(D)	1 056	105 362	3 917 008	-	-
Cass.....	724	84 078	3 381 709	-	-	768	79 903	2 675 778	-	-
Cedar.....	772	71 248	3 170 044	-	-	727	65 194	2 766 003	-	-
Cerro Gordo.....	683	98 942	4 077 185	3	(D)	782	108 511	3 849 075	4	422
Cherokee.....	860	100 873	4 296 210	1	(D)	931	94 917	3 665 347	-	-
Chickasaw.....	691	59 084	2 461 583	2	(D)	751	68 068	2 089 898	1	(D)
Clarke.....	347	24 717	810 789	-	-	413	31 031	855 044	-	-
Clay.....	725	114 582	4 687 610	1	(D)	841	122 931	4 282 755	1	(D)
Clayton.....	170	10 851	470 117	-	-	103	4 774	159 641	-	-
Clinton.....	790	63 428	2 843 390	-	-	735	61 018	2 544 219	-	-
Crawford.....	946	98 070	3 728 789	-	-	1 085	95 097	3 581 513	-	-
Dallas.....	713	103 628	4 548 961	-	-	821	110 491	4 360 271	-	-
Davis.....	424	31 948	1 021 541	-	-	481	39 280	1 069 729	-	-
Decatur.....	349	31 224	1 110 698	-	-	409	38 795	1 110 730	-	-
Delaware.....	473	26 262	1 209 472	-	-	342	23 128	859 791	-	-
Des Moines.....	521	50 976	1 927 508	-	-	524	50 035	1 979 636	1	(D)
Dickinson.....	463	74 062	2 903 116	-	-	511	79 497	2 722 856	-	-
Dubuque.....	101	4 133	190 367	-	-	49	2 576	95 904	-	-
Emmet.....	502	84 899	3 648 321	2	(D)	593	93 139	3 402 627	1	(D)
Fayette.....	772	67 824	3 026 716	1	(D)	774	69 751	2 378 462	-	-
Floyd.....	739	93 208	3 800 357	4	156	829	100 532	3 333 829	1	(D)
Franklin.....	799	111 856	4 815 151	1	(D)	917	117 185	4 365 184	-	-
Fremont.....	577	107 022	3 991 260	2	(D)	627	109 574	3 536 275	2	(D)
Greene.....	781	139 225	6 162 505	3	162	862	135 875	5 325 461	1	(D)
Grundy.....	828	103 749	5 036 510	-	-	856	102 338	4 198 442	-	-
Guthrie.....	643	72 201	2 943 678	2	(D)	713	68 067	2 484 422	-	-
Hamilton.....	841	133 655	5 584 073	1	(D)	942	140 524	5 166 533	-	-
Hancock.....	872	120 801	4 940 656	4	123	969	125 373	4 600 447	2	(D)
Hardin.....	819	105 352	4 775 850	-	-	874	111 782	4 235 612	-	-
Harrison.....	783	113 656	4 448 314	38	5 260	902	119 347	4 282 323	30	4 006
Henry.....	571	49 029	1 825 532	-	-	584	50 970	1 978 114	1	(D)
Howard.....	618	83 110	2 485 619	1	(D)	676	68 818	2 012 431	-	-
Humboldt.....	651	111 004	4 940 795	-	-	737	110 578	4 294 879	1	(D)
Ida.....	605	69 740	2 642 609	-	-	686	63 284	2 433 934	-	-
Iowa.....	670	48 725	2 119 747	1	(D)	620	42 773	1 535 573	-	-
Jackson.....	250	9 467	384 426	-	-	165	8 978	332 713	-	-
Jasper.....	965	102 143	4 539 434	1	(D)	1 078	100 764	3 854 115	1	(D)
Jefferson.....	492	54 787	2 011 235	2	(D)	576	55 406	1 844 494	-	-
Johnson.....	705	54 296	2 117 402	1	(D)	696	52 853	1 990 388	-	-
Jones.....	527	40 219	1 763 211	1	(D)	508	37 353	1 519 228	-	-
Keokuk.....	709	64 470	2 684 142	-	-	718	62 613	2 367 841	-	-
Kossuth.....	1 489	233 034	10 015 719	1	(D)	1 605	242 744	9 106 277	-	-
Lee.....	648	60 580	1 831 319	2	(D)	706	60 020	2 247 209	-	-
Linn.....	946	81 631	3 458 797	-	-	1 030	93 015	3 545 750	1	(D)
Louisa.....	451	50 482	1 772 175	8	787	462	51 568	1 986 002	10	1 170
Lucas.....	298	19 978	715 510	-	-	364	23 885	651 139	-	-
Lyon.....	939	105 550	4 264 389	3	210	1 038	100 781	3 672 931	7	287
Madison.....	583	51 363	2 104 554	-	-	678	55 647	1 772 094	-	-
Mahaska.....	858	79 429	3 294 041	1	(D)	897	77 354	2 945 590	-	-
Marion.....	688	58 702	2 435 855	1	(D)	749	55 091	1 878 454	-	-
Marshall.....	744	81 281	3 909 328	-	-	809	88 522	3 434 854	-	-
Mills.....	467	80 845	2 992 822	1	(D)	505	85 552	2 694 094	4	790
Mitchell.....	664	72 951	3 024 302	2	(D)	724	78 877	2 656 646	-	-
Monona.....	630	97 936	3 594 035	46	7 140	649	99 942	3 612 148	33	6 187
Monroe.....	333	19 212	705 634	-	-	381	22 490	555 787	-	-
Montgomery.....	532	72 597	2 646 499	-	-	564	74 660	2 353 467	-	-
Muscatine.....	556	54 102	1 986 587	19	1 045	582	52 162	1 975 763	12	876
O'Brien.....	999	132 665	5 610 722	-	-	1 092	133 676	4 586 410	1	(D)
Osceola.....	624	91 774	3 803 501	4	235	708	93 454	3 395 507	7	528
Page.....	785	84 261	3 335 358	-	-	823	92 283	2 774 462	-	-
Paio Alto.....	802	126 240	5 266 410	7	436	874	132 729	4 951 144	3	92
Plymouth.....	1 297	137 600	5 594 158	5	358	1 300	122 453	4 685 018	5	611
Pocahontas.....	878	142 055	5 258 627	2	(D)	984	149 489	5 684 972	-	-
Polk.....	608	79 880	3 515 595	-	-	694	82 108	3 123 411	-	-
Pottawattamie.....	1 126	159 046	6 246 430	2	(D)	1 215	157 244	5 813 859	3	185
Poweshiek.....	731	76 368	3 315 883	-	-	811	77 013	2 888 838	-	-
Ringgold.....	439	42 819	1 460 253	-	-	531	54 693	1 415 334	-	-

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SOYBEANS FOR BEANS (BUSHEL)—Con.</b>										
<b>Counties—Con.</b>										
Sac .....	867	117 882	4 875 822	3	50	905	117 232	4 354 795	3	(D)
Scott .....	603	38 786	1 761 863	-	-	534	35 178	1 509 739	-	-
Shelby .....	881	90 028	3 630 359	1	(D)	944	82 038	3 130 415	-	-
Sioux .....	1 339	118 683	5 156 590	16	748	1 295	109 644	4 191 548	21	1 445
Story .....	848	117 965	5 334 137	1	(D)	926	125 147	4 800 904	1	(D)
Tama .....	989	100 936	4 631 128	-	-	1 072	100 989	3 752 509	-	-
Taylor .....	560	59 816	1 976 558	-	-	661	63 893	1 696 764	-	-
Union .....	425	32 681	1 230 031	-	-	472	33 724	940 801	-	-
Van Buren .....	505	40 843	1 388 369	-	-	540	44 727	1 410 581	-	-
Wapello .....	470	46 721	1 800 536	-	-	533	47 582	1 571 269	-	-
Warren .....	640	53 371	2 100 582	-	-	733	57 448	1 762 082	1	(D)
Washington .....	769	66 723	2 818 021	1	(D)	756	68 946	2 799 350	-	-
Wayne .....	426	38 334	1 378 703	-	-	502	47 368	1 194 036	1	(D)
Webster .....	1 039	170 666	7 272 652	-	-	1 111	172 392	6 747 605	-	-
Winneshiek .....	581	82 268	3 070 284	-	-	656	88 800	3 036 708	1	(D)
Winneshiek .....	411	18 580	773 018	-	-	378	16 997	531 735	-	-
Woodbury .....	763	86 671	3 358 177	7	1 098	811	98 143	3 601 675	13	3 039
Worth .....	517	72 543	2 818 118	-	-	592	82 707	2 849 302	-	-
Wright .....	777	137 106	5 631 262	1	(D)	873	148 818	5 681 381	-	-
<b>State Total</b>										
Iowa .....	77	4 310	57 416	5	498	79	5 266	69 146	1	(D)
<b>Counties</b>										
Benton .....	4	269	3 804	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Black Hawk .....	5	128	1 490	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Bremer .....	4	249	3 814	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	3	65	832	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll .....	3	75	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford .....	4	284	3 592	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison .....	7	574	11 510	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jefferson .....	3	310	4 930	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	4	180	2 350	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn .....	3	70	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien .....	3	60	830	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Osceola .....	6	245	3 288	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	28	1 821	19 329	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>IRISH POTATOES (CWT)</b>										
<b>State Total</b>										
Iowa .....	104	1 998	336 981	20	1 158	149	1 767	287 839	22	836
<b>Counties</b>										
Benton .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	4	(Z)	92	-	-	3	(D)	(D)	-	-
Greene .....	3	8	460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	3	9	785	1	(D)	3	(Z)	37	-	-
Lee .....	6	11	(D)	2	(D)	4	(D)	227	1	(D)
Linn .....	4	7	310	1	(D)	5	6	1 300	3	(D)
Louisa .....	4	532	86 040	4	532	7	524	93 650	6	523
Mahaska .....	4	8	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	10	320	49 445	9	319	12	339	63 231	11	304
Union .....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	53	1 061	185 291	3	302	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>FIELD SEED AND GRASS SEED CROPS</b>										
<b>State Total</b>										
Iowa.....	226	5 358	(X)	-	-	108	2 268	(X)	-	-
<b>ALFALFA SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	6	290	20 260	-	-	9	188	31 400	-	-
<b>BROMEGRASS SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	32	750	100 611	-	-	3	100	8 500	-	-
<b>Counties</b>										
Crawford.....	5	(D)	3 236	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills.....	5	(D)	8 520	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth.....	3	(D)	6 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury.....	10	415	53 905	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties.....	9	182	28 250	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>RED CLOVER SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	114	2 141	205 215	-	-	73	1 150	63 902	-	-
<b>Counties</b>										
Adams.....	3	111	10 440	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford.....	3	73	7 972	-	-	3	(D)	3 600	-	-
Davis.....	13	226	27 556	-	-	4	(D)	6 078	-	-
Henry.....	5	(D)	10 122	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper.....	5	60	7 320	-	-	4	69	2 610	-	-
Jefferson.....	16	275	21 370	-	-	4	25	1 500	-	-
Lee.....	8	100	8 065	-	-	7	87	5 478	-	-
Van Buren.....	24	402	53 360	-	-	4	(D)	5 500	-	-
Wayne.....	4	80	4 800	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties.....	33	(D)	54 210	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>TIMOTHY SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	17	258	42 230	-	-	10	390	47 748	-	-
<b>Counties</b>										
Davis.....	3	17	1 480	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties.....	14	241	40 750	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>VETCH SEED (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	12	197	54 411	-	-	8	235	30 191	-	-
<b>OTHER SEEDS (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	59	1 645	418 288	-	-	6	177	92 893	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)</b>										
<b>State Total</b>										
Iowa.....	48 271	1 968 207	5 612 944	45	1 216	56 372	2 035 033	6 201 756	50	1 271
<b>Counties</b>										
Adair.....	614	31 464	90 889	-	-	778	37 387	119 769	-	-
Adams.....	425	20 097	50 601	-	-	513	22 222	62 298	-	-
Allamakee.....	841	61 648	201 858	-	-	933	64 141	202 351	1	(D)
Appanoose.....	647	42 156	88 741	-	-	641	37 168	85 191	-	-
Audubon.....	389	14 191	39 511	-	-	520	19 933	60 351	-	-
Benton.....	694	22 834	69 242	-	-	753	22 576	75 970	1	(D)
Black Hawk.....	436	11 407	35 873	2	(D)	493	12 361	40 072	-	-
Boone.....	341	8 786	22 894	-	-	439	8 951	27 298	-	-
Bremer.....	541	19 025	63 101	-	-	646	19 768	65 091	-	-
Buchanan.....	582	17 151	49 252	-	-	646	16 589	47 710	-	-
Buena Vista.....	255	6 408	18 989	-	-	349	7 109	24 186	-	-
Butler.....	551	15 805	48 111	-	-	684	17 484	55 864	-	-
Calhoun.....	253	5 766	14 940	-	-	340	7 400	22 680	2	(D)
Carroll.....	506	15 229	44 485	-	-	574	15 843	54 734	-	-
Cass.....	491	21 367	60 394	-	-	613	24 070	72 478	1	(D)
Cedar.....	508	16 257	46 853	1	(D)	560	14 782	48 145	1	(D)
Cerro Gordo.....	270	7 141	21 514	-	-	288	5 898	17 352	-	-
Cherokee.....	427	13 799	40 137	1	(D)	516	13 009	44 265	-	-
Chickasaw.....	542	21 142	65 690	2	(D)	615	20 205	60 875	1	(D)
Clarke.....	488	29 766	72 801	1	(D)	549	30 296	85 337	-	-
Clay.....	241	8 003	24 283	-	-	374	10 165	31 498	1	(D)
Clayton.....	1 272	83 341	280 637	-	-	1 365	77 428	256 380	1	(D)
Clinton.....	638	21 568	66 184	2	(D)	659	19 963	66 594	-	-
Crawford.....	676	23 903	72 404	-	-	844	27 523	91 697	-	-
Dallas.....	374	9 641	25 982	-	-	480	11 364	37 125	1	(D)
Davis.....	657	33 142	65 049	1	(D)	703	35 614	86 323	-	-
Decatur.....	468	32 832	68 292	-	-	572	39 380	97 645	-	-
Delaware.....	955	48 626	162 552	1	(D)	993	43 421	144 535	-	-
Des Moines.....	325	10 277	25 293	-	-	312	8 976	27 017	-	-
Dickinson.....	192	7 714	25 840	-	-	224	7 137	23 321	-	-
Dubuque.....	1 267	78 518	262 491	-	-	1 318	67 323	225 753	-	-
Emmet.....	152	4 169	12 388	-	-	190	4 256	13 231	1	(D)
Fayette.....	870	44 262	153 556	-	-	1 012	44 646	150 537	1	(D)
Floyd.....	358	10 394	27 345	-	-	436	10 686	32 818	2	(D)
Franklin.....	280	6 939	20 679	1	(D)	355	7 997	27 112	-	-
Fremont.....	246	7 103	19 829	-	-	326	7 805	21 330	-	-
Greene.....	263	6 434	18 712	1	(D)	379	7 346	24 019	-	-
Grundy.....	349	10 752	39 468	-	-	368	9 219	33 161	-	-
Guthrie.....	467	18 363	47 514	-	-	622	26 124	79 084	-	-
Hamilton.....	175	3 209	7 655	-	-	256	3 822	10 485	-	-
Hancock.....	269	8 021	24 100	1	(D)	371	8 526	28 378	-	-
Hardin.....	334	8 244	24 095	2	(D)	386	8 710	27 460	1	(D)
Harrison.....	399	10 308	33 457	2	(D)	594	14 426	43 944	6	(D)
Henry.....	379	11 848	23 015	-	-	411	10 965	28 555	1	(D)
Howard.....	489	19 656	60 098	-	-	600	23 563	76 407	-	-
Humboldt.....	166	3 877	10 916	-	-	203	3 850	13 678	-	-
Ida.....	339	11 288	37 312	-	-	422	12 702	44 897	-	-
Iowa.....	637	29 335	84 406	-	-	704	29 582	90 079	-	-
Jackson.....	973	55 526	168 340	1	(D)	1 005	50 447	162 197	-	-
Jasper.....	751	27 194	78 317	2	(D)	917	31 734	102 730	1	(D)
Jefferson.....	435	17 313	32 777	-	-	491	17 231	44 724	1	(D)
Johnson.....	726	27 387	78 049	-	-	829	26 493	79 042	-	-
Jones.....	653	30 056	91 030	-	-	714	27 093	85 269	-	-
Keokuk.....	503	22 121	54 874	-	-	647	23 152	66 596	-	-
Kossuth.....	414	10 445	32 328	1	(D)	523	10 791	35 229	-	-
Lee.....	546	18 627	39 578	1	(D)	548	16 460	45 195	-	-
Linn.....	861	26 646	73 686	1	(D)	830	21 809	65 853	-	-
Louisa.....	236	7 023	16 495	2	(D)	249	6 126	16 209	1	(D)
Lucas.....	457	27 877	66 759	-	-	545	28 711	69 494	-	-
Lyon.....	580	17 502	56 854	2	(D)	668	16 135	53 230	3	75
Madison.....	666	26 569	72 773	1	(D)	734	28 233	83 053	-	-
Mahaska.....	587	18 691	55 259	-	-	698	22 334	77 092	-	-
Marion.....	598	21 952	56 969	4	48	749	28 030	86 594	-	-
Marshall.....	445	13 025	37 663	-	-	549	13 745	46 277	-	-
Mills.....	208	6 228	16 896	-	-	315	7 560	22 518	-	-
Mitchell.....	377	13 931	35 040	-	-	434	12 636	37 075	-	-
Monona.....	288	8 834	25 860	-	-	349	9 459	29 054	1	(D)
Monroe.....	519	28 990	71 972	-	-	545	29 595	74 201	-	-
Montgomery.....	368	13 303	36 280	-	-	426	14 401	40 060	-	-
Muscatine.....	393	12 153	31 220	2	(D)	425	11 696	39 881	-	-
O'Brien.....	346	8 570	26 522	-	-	415	8 194	27 528	-	-
Osceola.....	259	5 878	16 170	-	-	313	6 580	21 142	2	(D)
Page.....	549	19 137	49 756	1	(D)	659	21 815	58 694	-	-
Palo Alto.....	216	5 134	15 890	-	-	281	6 048	21 068	1	(D)
Plymouth.....	711	21 453	71 173	-	-	860	21 080	71 208	2	(D)
Pocahontas.....	198	4 570	13 757	-	-	302	4 914	15 738	-	-
Polk.....	302	7 553	22 959	-	-	407	8 823	27 414	-	-
Pottawattamie.....	714	22 980	66 760	-	-	876	23 570	78 235	-	-
Poweshiek.....	616	28 433	89 007	-	-	748	33 379	110 461	-	-
Ringgold.....	451	35 333	83 083	-	-	570	45 550	119 603	-	-

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)—Con.</b>										
<b>Counties—Con.</b>										
Sac	354	13 399	43 069	1	(D)	485	14 470	50 240	1	(D)
Scott	424	11 494	33 782	-	-	436	10 360	37 484	-	-
Shelby	510	14 859	42 633	-	-	648	16 902	56 093	-	-
Sioux	683	23 295	77 068	5	111	823	21 834	72 720	9	276
Story	283	6 859	18 019	1	(D)	355	6 452	21 057	-	-
Tama	671	23 868	73 682	-	-	771	23 713	71 984	1	(D)
Taylor	467	24 517	55 475	-	-	578	29 373	74 913	1	(D)
Union	457	25 540	65 941	-	-	513	30 311	86 629	-	-
Van Buren	537	23 500	47 206	-	-	580	22 807	53 577	-	-
Wapello	535	19 928	45 976	-	-	544	20 382	54 045	-	-
Warren	791	30 959	83 102	2	(D)	842	29 786	84 024	-	-
Washington	514	17 874	41 048	-	-	576	17 058	51 137	-	-
Wayne	485	34 854	77 469	-	-	590	41 887	96 287	1	(D)
Webster	244	4 356	11 473	-	-	320	5 516	17 637	-	-
Winnebago	214	6 010	19 682	-	-	238	4 812	14 615	-	-
Winneshiek	1 220	76 101	249 750	-	-	1 361	75 939	244 011	1	(D)
Woodbury	510	17 814	48 432	-	-	653	19 332	59 672	-	-
Worth	238	6 256	16 825	-	-	294	6 796	24 052	2	(D)
Wright	150	3 084	8 788	-	-	215	3 768	13 855	-	-
<b>ALFALFA HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa	41 883	1 380 550	4 444 233	31	641	49 275	1 535 085	5 091 238	41	1 056
<b>Counties</b>										
Adair	556	24 447	77 356	-	-	726	32 740	109 923	-	-
Adams	331	12 227	34 701	-	-	424	16 021	49 285	-	-
Allamakee	810	48 025	171 587	-	-	887	50 137	172 656	1	(D)
Appanoose	446	23 179	56 244	-	-	491	25 038	63 134	-	-
Audubon	340	9 586	29 902	-	-	463	15 174	48 912	-	-
Benton	634	17 700	58 560	-	-	684	18 345	66 636	1	(D)
Black Hawk	395	8 790	30 322	2	(D)	416	9 696	33 115	-	-
Boone	300	6 223	17 263	-	-	388	7 351	23 795	-	-
Bremer	509	13 910	51 458	-	-	565	14 039	53 029	-	-
Buchanan	527	12 306	38 447	-	-	569	12 406	39 333	-	-
Buena Vista	211	3 655	13 396	-	-	290	4 978	18 482	-	-
Butler	504	12 275	40 379	-	-	600	13 374	46 209	-	-
Calhoun	213	3 603	11 373	-	-	302	5 696	19 220	2	(D)
Carroll	434	10 639	36 462	-	-	508	12 781	47 931	-	-
Cass	446	15 714	50 002	-	-	547	19 669	62 485	1	(D)
Cedar	470	12 696	38 994	1	(D)	521	12 168	41 745	-	-
Cerro Gordo	247	5 378	18 028	-	-	247	4 780	15 410	-	-
Cherokee	353	8 306	30 262	1	(D)	435	9 139	35 415	-	-
Chickasaw	469	15 120	53 806	2	(D)	501	14 683	48 218	1	(D)
Clarke	415	22 328	59 073	1	(D)	499	25 388	76 291	-	-
Clay	198	4 945	17 835	-	-	317	7 341	25 608	1	(D)
Clayton	1 205	62 097	235 224	-	-	1 281	58 912	215 349	-	-
Clinton	573	16 515	54 748	-	-	597	15 054	54 936	-	-
Crawford	608	17 673	61 921	-	-	769	22 905	81 097	-	-
Dallas	332	7 146	20 997	-	-	427	9 421	32 594	1	(D)
Davis	395	14 133	30 242	1	(D)	467	18 827	49 822	-	-
Decatur	343	18 874	42 634	-	-	455	27 019	71 547	-	-
Delaware	894	35 928	132 611	1	(D)	909	31 410	113 663	-	-
Des Moines	286	7 463	20 884	-	-	251	6 784	22 237	-	-
Dickinson	165	5 583	22 326	-	-	193	5 587	20 242	-	-
Dubuque	1 201	55 000	206 583	-	-	1 246	49 615	180 440	-	-
Emmet	131	2 564	8 624	-	-	160	3 251	10 775	-	-
Fayette	813	33 782	128 901	-	-	909	32 827	122 231	1	(D)
Floyd	313	7 249	21 189	-	-	352	7 879	26 875	2	(D)
Franklin	249	5 153	16 955	-	-	312	5 812	21 112	-	-
Fremont	208	4 920	15 445	-	-	273	5 548	17 335	-	-
Greene	239	4 804	15 340	1	(D)	340	6 285	21 527	-	-
Grundy	321	8 811	35 485	-	-	331	7 559	28 795	-	-
Guthrie	392	12 772	36 698	-	-	558	21 645	69 234	-	-
Hamilton	153	2 328	6 494	-	-	208	2 868	8 693	-	-
Hancock	237	5 152	17 622	1	(D)	338	6 357	23 247	-	-
Hardin	290	5 920	19 137	-	-	349	7 141	23 749	1	(D)
Harrison	359	8 082	30 053	1	(D)	533	11 630	38 168	6	83
Henry	304	8 424	17 580	-	-	317	7 662	21 640	1	(D)
Howard	395	13 376	45 285	-	-	503	16 958	59 250	-	-
Humboldt	136	2 380	7 928	-	-	177	2 856	11 281	-	-
Ida	289	8 080	30 966	-	-	371	9 691	38 184	-	-
Iowa	594	24 173	71 723	-	-	654	25 020	80 677	-	-
Jackson	917	42 514	139 138	-	-	937	39 450	134 225	-	-
Jasper	670	20 691	64 195	2	(D)	819	25 453	88 582	1	(D)
Jefferson	324	10 184	21 620	-	-	373	11 478	32 119	-	-
Johnson	630	19 997	62 001	-	-	710	20 597	65 570	-	-
Jones	609	22 297	75 228	-	-	659	21 169	70 853	-	-
Keokuk	447	16 293	45 365	-	-	569	19 481	59 497	-	-
Kossuth	356	6 494	24 445	-	-	470	9 011	31 259	-	-
Lee	412	10 395	25 569	-	-	411	10 676	33 601	-	-
Linn	785	19 989	60 775	-	-	744	17 189	55 550	-	-
Louisa	212	5 021	12 965	2	(D)	208	4 423	12 809	1	(D)
Lucas	342	16 754	46 800	-	-	446	20 849	54 136	-	-
Lyon	465	10 239	40 458	2	(D)	550	11 176	41 023	2	(D)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>ALFALFA HAY (TONS, DRY)</b>										
— Con.										
<b>Counties—Con.</b>										
Madison .....	617	21 055	63 416	1	(D)	678	23 018	72 882	-	-
Mahaska .....	518	13 087	42 672	-	-	611	16 968	62 087	-	-
Marion .....	518	15 811	45 629	3	(D)	672	22 132	73 482	-	-
Marshall .....	412	10 666	32 926	-	-	516	12 298	42 815	-	-
Mills .....	190	4 328	14 049	-	-	282	6 095	20 037	-	-
Mitchell .....	333	9 809	28 231	-	-	379	9 082	29 087	-	-
Monona .....	245	5 264	19 706	-	-	304	6 837	23 811	1	(D)
Monroe .....	434	19 968	54 276	-	-	481	23 449	62 581	-	-
Montgomery .....	326	9 986	30 072	-	-	379	11 179	33 831	-	-
Muscatine .....	362	9 521	26 439	2	(D)	371	9 287	33 889	-	-
O'Brien .....	273	5 037	19 450	-	-	331	5 434	21 222	-	-
Osceola .....	210	3 255	11 744	-	-	269	4 475	16 320	2	(D)
Page .....	424	11 425	35 069	1	(D)	547	14 493	43 922	-	-
Palo Alto .....	176	3 139	12 160	-	-	238	4 210	16 155	1	(D)
Plymouth .....	587	13 270	55 083	-	-	736	15 357	58 084	2	(D)
Pocahontas .....	167	2 583	9 646	-	-	261	3 519	12 559	-	-
Polk .....	261	5 704	18 302	-	-	366	7 404	24 155	-	-
Pottawattamie .....	637	17 163	55 844	-	-	805	19 020	68 199	-	-
Poweshiek .....	573	23 056	75 023	-	-	702	28 602	100 298	-	-
Ringgold .....	347	22 292	58 210	-	-	482	32 742	93 756	-	-
Sac .....	309	9 081	35 319	-	-	430	10 909	40 247	1	(D)
Scott .....	375	8 594	27 227	-	-	393	7 973	31 439	-	-
Shelby .....	455	10 645	34 187	-	-	592	13 072	47 936	-	-
Sioux .....	493	12 050	49 053	4	(D)	584	12 481	50 139	8	193
Story .....	253	4 602	14 474	1	(D)	314	5 116	17 767	-	-
Tama .....	622	19 470	65 076	-	-	707	20 047	64 113	1	(D)
Taylor .....	340	14 877	38 585	-	-	449	19 288	55 100	-	-
Union .....	366	17 160	49 964	-	-	433	21 900	67 705	-	-
Van Buren .....	406	13 773	31 217	-	-	421	13 436	34 719	-	-
Wapello .....	412	12 949	33 099	-	-	446	14 260	41 891	-	-
Warren .....	697	23 652	70 137	1	(D)	778	24 932	74 567	-	-
Washington .....	437	12 577	32 381	-	-	491	12 849	41 143	-	-
Wayne .....	366	20 977	51 687	-	-	468	28 114	68 417	1	(D)
Webster .....	206	3 080	9 367	-	-	275	4 007	14 127	-	-
Winneshiek .....	192	4 332	16 256	-	-	219	4 085	12 957	-	-
Woodbury .....	1 168	58 611	214 031	-	-	1 288	57 130	201 708	1	(D)
Worth .....	437	10 735	35 837	-	-	567	13 992	48 482	-	-
Wright .....	209	4 608	13 834	-	-	262	4 960	17 500	-	-
Wright .....	128	2 046	6 951	-	-	192	3 014	11 353	-	-
<b>SMALL GRAIN HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa .....	7 161	163 591	289 319	9	151	4 978	93 424	177 100	7	(D)
<b>Counties</b>										
Adair .....	110	2 638	4 663	-	-	50	833	1 547	-	-
Adams .....	116	3 068	5 589	-	-	52	976	1 571	-	-
Allamakee .....	100	1 663	3 124	-	-	114	2 226	(D)	-	-
Appanoose .....	62	1 428	2 857	-	-	71	1 239	2 095	-	-
Audubon .....	56	1 676	3 669	-	-	31	601	(D)	-	-
Benton .....	99	1 762	2 966	-	-	48	(D)	(D)	-	-
Black Hawk .....	48	958	1 215	-	-	47	834	1 368	-	-
Boone .....	44	1 177	2 312	-	-	28	406	590	-	-
Bremer .....	60	1 011	2 181	-	-	67	1 019	2 085	-	-
Buchanan .....	68	1 585	3 107	-	-	60	1 128	1 865	-	-
Buena Vista .....	40	907	1 429	-	-	27	(D)	(D)	-	-
Butler .....	59	1 198	2 132	-	-	43	961	1 826	-	-
Calhoun .....	36	1 028	1 159	-	-	22	455	486	-	-
Carroll .....	63	1 503	2 513	-	-	43	723	(D)	-	-
Cass .....	79	2 266	4 315	-	-	55	1 117	2 181	-	-
Cedar .....	85	1 837	3 582	-	-	44	(D)	(D)	-	-
Cerro Gordo .....	31	764	905	-	-	15	159	216	-	-
Cherokee .....	78	1 970	2 844	-	-	48	1 173	2 825	-	-
Chickasaw .....	73	1 637	2 950	-	-	59	854	1 372	-	-
Clarke .....	106	2 109	3 564	-	-	59	1 373	2 045	-	-
Clay .....	37	1 228	2 751	-	-	20	545	740	-	-
Clayton .....	139	2 679	5 610	-	-	119	2 620	6 362	-	-
Clinton .....	85	1 496	2 925	-	-	70	1 490	3 003	-	-
Crawford .....	123	3 523	6 138	-	-	62	1 312	3 545	-	-
Dallas .....	55	1 291	2 113	-	-	25	(D)	599	-	-
Davis .....	120	1 982	3 411	-	-	71	1 070	1 840	-	-
Decatur .....	57	1 083	2 112	-	-	50	1 106	1 815	-	-
Delaware .....	110	2 102	4 107	-	-	106	2 297	4 820	-	-
Des Moines .....	59	1 188	1 937	-	-	50	596	1 310	-	-
Dickinson .....	28	913	1 555	-	-	15	225	414	-	-
Dubuque .....	154	3 154	6 827	-	-	138	2 595	5 652	-	-
Emmet .....	24	706	1 185	-	-	7	124	209	1	(D)
Fayette .....	87	1 529	3 278	-	-	85	1 746	3 397	-	-
Floyd .....	52	1 121	1 759	-	-	44	713	1 185	-	-
Franklin .....	32	579	1 162	-	-	21	(D)	(D)	-	-
Fremont .....	31	690	1 211	-	-	37	511	(D)	-	-
Greene .....	34	796	1 259	-	-	22	(D)	(D)	-	-
Grundy .....	51	902	1 318	-	-	21	(D)	(D)	-	-
Guthrie .....	89	1 951	2 985	-	-	38	684	1 378	-	-
Hamilton .....	24	342	416	-	-	19	158	290	-	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SMALL GRAIN HAY (TONS, DRY)—Con.</b>										
<b>Counties—Con.</b>										
Hancock .....	28	807	2 083	-	-	32	433	675	-	-
Hardin .....	42	955	1 570	2	(D)	22	393	453	-	-
Harrison .....	63	1 465	2 180	-	-	66	1 242	2 363	-	-
Henry .....	60	1 369	2 152	-	-	48	745	(D)	-	-
Howard .....	42	1 212	2 722	-	-	39	860	2 011	-	-
Humboldt .....	25	601	950	-	-	11	170	275	-	-
Ida .....	59	1 323	2 622	-	-	27	(D)	(D)	-	-
Iowa .....	73	1 612	3 252	-	-	61	1 282	(D)	-	-
Jackson .....	162	3 472	6 816	-	-	107	2 234	4 125	-	-
Jasper .....	105	2 069	3 678	-	-	56	(D)	(D)	-	-
Jefferson .....	62	1 320	1 491	-	-	43	572	(D)	-	-
Johnson .....	111	2 344	4 008	-	-	64	1 147	1 850	-	-
Jones .....	79	1 970	3 231	-	-	57	1 115	2 272	-	-
Keokuk .....	103	2 707	4 066	-	-	61	992	(D)	-	-
Kossuth .....	64	1 703	2 907	-	-	23	(D)	(D)	-	-
Lee .....	101	1 868	2 571	-	-	62	838	(D)	-	-
Linn .....	119	2 607	4 218	1	(D)	59	1 195	2 297	-	-
Louisa .....	44	1 047	1 711	-	-	29	508	894	-	-
Lucas .....	70	1 201	1 922	-	-	53	1 039	(D)	-	-
Lyon .....	89	2 075	5 562	1	(D)	78	1 559	4 020	1	(D)
Madison .....	117	2 448	3 792	-	-	54	699	888	-	-
Mahaska .....	97	1 754	3 624	-	-	49	(D)	(D)	-	-
Marion .....	96	2 091	3 096	1	(D)	53	(D)	(D)	-	-
Marshall .....	66	1 274	2 563	-	-	31	508	1 035	-	-
Mills .....	35	956	1 307	-	-	24	562	926	-	-
Mitchell .....	35	729	1 149	-	-	22	510	1 422	-	-
Monona .....	76	2 017	2 863	-	-	65	1 057	2 459	-	-
Monroe .....	78	1 402	2 731	-	-	66	1 163	(D)	-	-
Montgomery .....	67	1 355	2 450	-	-	42	720	(D)	-	-
Muscatine .....	60	1 205	1 598	1	(D)	35	(D)	(D)	-	-
O'Brien .....	36	878	1 805	-	-	37	675	1 357	-	-
Osceola .....	34	874	1 687	-	-	23	726	1 791	-	-
Page .....	119	2 452	4 123	-	-	83	1 345	2 118	-	-
Palo Alto .....	42	1 007	2 010	-	-	14	190	465	-	-
Plymouth .....	134	4 263	8 761	-	-	92	1 947	4 703	-	-
Pocahontas .....	35	1 296	2 643	-	-	18	489	775	-	-
Polk .....	31	729	1 533	-	-	20	211	(D)	-	-
Pottawattamie .....	101	2 726	4 424	-	-	90	1 570	3 163	-	-
Poweshiek .....	85	2 264	4 481	-	-	51	1 248	1 919	-	-
Ringgold .....	95	2 023	3 003	-	-	86	2 346	4 118	-	-
Sac .....	51	2 272	3 551	1	(D)	29	544	1 694	-	-
Scott .....	62	1 147	2 018	-	-	37	554	1 220	-	-
Shelby .....	85	1 793	3 102	-	-	49	(D)	(D)	-	-
Sioux .....	120	3 977	11 058	2	(D)	134	2 606	5 315	2	(D)
Story .....	42	1 201	1 705	-	-	23	361	(D)	-	-
Tama .....	71	1 571	2 563	-	-	40	(D)	(D)	-	-
Taylor .....	116	2 430	3 980	-	-	88	1 648	2 493	1	(D)
Union .....	124	2 743	4 746	-	-	54	1 277	2 681	-	-
Van Buren .....	102	1 857	2 429	-	-	73	1 228	(D)	-	-
Wapello .....	66	1 260	2 184	-	-	56	971	1 763	-	-
Warren .....	102	2 499	3 758	-	-	63	1 075	1 810	-	-
Washington .....	85	1 681	2 352	-	-	47	842	1 557	-	-
Wayne .....	73	1 767	2 349	-	-	64	1 526	2 745	-	-
Webster .....	24	618	695	-	-	19	255	432	-	-
Winnnebago .....	32	753	1 200	-	-	13	243	428	-	-
Winneshiek .....	112	2 428	3 749	-	-	102	2 180	4 460	-	-
Woodbury .....	97	3 304	4 947	-	-	101	2 246	4 768	-	-
Worth .....	31	835	1 393	-	-	21	282	480	2	(D)
Wright .....	22	525	850	-	-	11	154	287	-	-
<b>TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)</b>										
<b>State Total</b>										
Iowa .....	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	(D)
<b>Counties</b>										
Adair .....	92	2 994	6 238	-	-	90	2 188	4 328	-	-
Adams .....	121	3 819	8 372	-	-	143	4 219	8 795	-	-
Allamakee .....	38	(D)	(D)	-	-	47	(D)	4 617	-	-
Appanoose .....	277	15 642	27 195	-	-	237	10 444	18 825	-	-
Audubon .....	52	(D)	(D)	-	-	62	1 979	4 621	-	-
Benton .....	46	1 008	1 918	-	-	61	1 175	2 874	-	-
Black Hawk .....	19	447	896	-	-	55	740	2 338	-	-
Boone .....	27	827	(D)	-	-	38	572	1 516	-	-
Bremer .....	34	576	1 298	-	-	59	842	1 735	-	-
Buchanan .....	59	(D)	(D)	-	-	59	1 037	2 223	-	-
Buena Vista .....	27	608	971	-	-	33	323	759	-	-
Butler .....	45	805	1 923	-	-	62	774	2 159	-	-
Calhoun .....	18	288	490	-	-	15	195	645	-	-
Carroll .....	47	1 022	2 003	-	-	46	(D)	1 682	-	-
Cass .....	63	1 692	(D)	-	-	73	1 865	3 824	-	-
Cedar .....	29	(D)	(D)	-	-	29	710	2 289	-	-
Cerro Gordo .....	20	542	1 614	-	-	33	515	834	-	-
Cherokee .....	45	896	1 615	-	-	47	606	1 486	-	-
Chickasaw .....	80	1 657	4 075	-	-	106	2 301	6 440	-	-
Clarke .....	134	4 845	9 365	-	-	100	3 289	6 501	-	-

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.</b>										
<b>Counties—Con.</b>										
Clay .....	26	(D)	(D)	-	-	43	952	1 681	-	-
Clayton .....	81	2 718	6 643	-	-	101	2 400	6 680	1	(D)
Ciinton .....	40	781	1 789	2	(D)	38	(D)	(D)	-	-
Crawford .....	64	1 558	(D)	-	-	62	1 219	2 888	-	-
Dallas .....	48	951	(D)	-	-	47	809	1 939	-	-
Davis .....	344	15 851	30 170	-	-	319	13 621	30 472	-	-
Decatur .....	191	10 899	20 569	-	-	181	8 615	20 349	-	-
Delaware .....	61	1 458	(D)	-	-	63	1 332	3 760	-	-
Des Moines .....	40	1 008	1 608	-	-	52	921	2 200	-	-
Dickinson .....	9	156	228	-	-	16	160	283	-	-
Dubuque .....	49	1 529	3 060	-	-	62	1 436	3 593	-	-
Emmet .....	16	208	612	-	-	22	322	875	-	-
Fayette .....	63	1 448	3 902	-	-	97	2 042	5 494	-	-
Floyd .....	29	461	902	-	-	74	1 025	2 302	-	-
Franklin .....	18	304	588	1	(D)	25	609	2 297	-	-
Fremont .....	53	1 326	2 702	-	-	65	1 568	2 797	-	-
Greene .....	19	(D)	(D)	-	-	32	354	845	-	-
Grundy .....	14	193	458	-	-	28	385	1 073	-	-
Guthrie .....	89	2 613	6 233	-	-	95	2 783	6 235	-	-
Hamilton .....	12	(D)	(D)	-	-	31	508	837	-	-
Hancock .....	11	139	363	-	-	17	(D)	659	-	-
Hardin .....	22	344	679	-	-	22	414	1 060	-	-
Harrison .....	21	432	691	1	(D)	52	969	2 108	-	-
Henry .....	85	1 636	2 494	-	-	83	1 933	4 286	-	-
Howard .....	94	2 149	5 474	-	-	114	2 786	8 213	-	-
Humboldt .....	16	438	1 181	-	-	19	362	811	-	-
ida .....	33	(D)	(D)	-	-	41	605	1 239	-	-
Iowa .....	54	1 815	(D)	-	-	53	(D)	3 236	-	-
Jackson .....	57	1 973	4 288	-	-	58	1 425	3 978	-	-
Jasper .....	88	(D)	(D)	-	-	114	1 975	4 615	-	-
Jefferson .....	131	4 264	6 810	-	-	138	3 860	8 817	-	-
Johnson .....	104	2 758	6 838	-	-	126	2 817	6 749	-	-
Jones .....	47	1 145	2 616	-	-	51	1 201	3 126	-	-
Keokuk .....	61	2 382	4 301	-	-	77	1 739	3 559	-	-
Kossuth .....	26	342	922	-	-	36	441	887	-	-
Lee .....	165	4 156	7 495	-	-	159	3 431	7 076	-	-
Linn .....	78	1 927	4 241	-	-	76	1 478	3 847	-	-
Louisa .....	23	(D)	(D)	1	(D)	35	949	2 120	-	-
Lucas .....	166	8 564	15 852	-	-	147	5 894	11 725	-	-
Lyon .....	71	688	1 271	-	-	69	616	1 223	-	-
Madison .....	74	2 188	4 155	-	-	96	2 207	5 039	-	-
Mahaska .....	64	1 136	2 434	-	-	76	1 519	4 056	-	-
Marion .....	98	2 414	4 715	1	(D)	91	1 917	3 932	-	-
Marshall .....	21	452	(D)	-	-	24	380	1 032	-	-
Mills .....	18	328	690	-	-	37	564	1 160	-	-
Mitchell .....	34	640	986	-	-	47	792	1 869	-	-
Monona .....	27	585	1 062	-	-	44	1 123	(D)	-	-
Monroe .....	141	6 668	12 747	-	-	126	4 134	7 750	-	-
Montgomery .....	58	1 734	3 253	-	-	69	1 804	3 985	-	-
Muscatine .....	39	827	1 768	-	-	50	922	3 061	-	-
O'Brien .....	47	371	799	-	-	57	488	1 085	-	-
Osceola .....	25	267	535	-	-	24	(D)	(D)	-	-
Page .....	180	4 802	9 580	-	-	192	4 918	9 699	-	-
Palo Alto .....	10	281	356	-	-	17	562	1 283	-	-
Plymouth .....	108	1 544	3 042	-	-	87	1 084	2 250	-	-
Pocahontas .....	12	(D)	(D)	-	-	25	251	728	-	-
Polk .....	47	734	(D)	-	-	54	942	2 163	-	-
Pottawattamie .....	60	1 216	2 372	-	-	52	858	2 251	-	-
Poweshiek .....	58	1 542	5 115	-	-	65	1 608	4 652	-	-
Ringgold .....	158	9 780	19 236	-	-	160	8 320	17 850	-	-
Sac .....	34	788	1 366	-	-	32	913	1 501	-	-
Scott .....	26	356	757	-	-	26	441	1 159	-	-
Shelby .....	36	954	2 056	-	-	51	1 065	2 158	-	-
Sioux .....	79	1 061	2 057	-	-	101	1 403	2 943	-	-
Story .....	24	(D)	(D)	-	-	29	381	947	-	-
Tama .....	56	1 483	2 932	-	-	59	1 376	3 058	-	-
Taylor .....	186	6 578	12 003	-	-	209	7 153	15 426	-	-
Union .....	128	4 714	9 915	-	-	129	5 257	12 595	-	-
Van Buren .....	202	7 069	12 521	-	-	217	7 092	14 900	-	-
Wapello .....	169	4 749	8 461	-	-	141	3 861	7 557	-	-
Warren .....	120	3 566	7 163	2	(D)	112	2 726	5 183	-	-
Washington .....	86	2 460	(D)	-	-	82	2 142	5 273	-	-
Wayne .....	207	11 182	21 708	-	-	211	10 494	21 826	-	-
Webster .....	27	265	500	-	-	26	156	382	-	-
Winnebago .....	13	267	465	-	-	11	102	298	-	-
Winneshiek .....	52	1 386	3 556	-	-	80	2 396	7 460	-	-
Woodbury .....	58	(D)	(D)	-	-	78	1 166	2 481	-	-
Worth .....	29	399	714	-	-	33	394	986	-	-
Wright .....	8	(D)	(D)	-	-	14	(D)	(D)	-	-

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text.]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>WILD HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa.....	799	12 511	18 140	2	(D)	956	14 096	27 507	-	-
<b>Counties</b>										
Adair.....	5	(D)	145	-	-	5	160	281	-	-
Adams.....	6	97	278	-	-	6	40	35	-	-
Appanoose.....	25	1 376	1 277	-	-	12	209	499	-	-
Black Hawk.....	4	26	34	-	-	8	38	94	-	-
Bremer.....	20	202	302	-	-	29	371	523	-	-
Buchanan.....	3	(D)	(D)	-	-	4	28	78	-	-
Buena Vista.....	7	146	137	-	-	9	(D)	(D)	-	-
Butler.....	8	177	253	-	-	12	168	252	-	-
Calhoun.....	3	26	41	-	-	7	51	91	-	-
Carroll.....	4	70	52	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo.....	4	(D)	97	-	-	9	99	118	-	-
Cherokee.....	24	(D)	(D)	-	-	35	369	664	-	-
Chickasaw.....	8	72	86	-	-	12	90	173	-	-
Clarke.....	6	70	152	-	-	4	(D)	(D)	-	-
Clay.....	15	(D)	(D)	-	-	14	269	671	-	-
Clayton.....	4	59	55	-	-	15	428	1 046	-	-
Ciilton.....	4	50	61	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis.....	9	314	197	-	-	21	531	1 276	-	-
Decatur.....	15	319	329	-	-	19	862	1 420	-	-
Delaware.....	4	41	(D)	-	-	8	288	1 027	-	-
Des Moines.....	5	28	31	-	-	6	80	141	-	-
Dickinson.....	14	170	261	-	-	14	219	399	-	-
Dubuque.....	8	90	234	-	-	7	93	359	-	-
Emmet.....	5	67	69	-	-	8	148	205	-	-
Fayette.....	3	(D)	(D)	-	-	16	403	928	-	-
Floyd.....	11	70	94	-	-	7	48	67	-	-
Franklin.....	4	26	47	-	-	3	(D)	(D)	-	-
Grundy.....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie.....	3	33	36	-	-	7	164	554	-	-
Hancock.....	12	114	279	-	-	7	(D)	148	-	-
Hardin.....	7	64	101	-	-	6	35	56	-	-
Harrison.....	9	42	88	-	-	10	(D)	198	-	-
Howard.....	5	37	80	-	-	15	267	604	-	-
Humboldt.....	7	80	123	-	-	4	32	44	-	-
Jackson.....	8	96	149	-	-	8	272	880	-	-
Jefferson.....	9	375	488	-	-	10	321	(D)	-	-
Johnson.....	6	166	268	-	-	9	105	177	-	-
Jones.....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth.....	23	451	668	1	(D)	20	(D)	(D)	-	-
Lee.....	17	277	368	1	(D)	3	31	(D)	-	-
Linn.....	6	309	203	-	-	10	74	107	-	-
Lucas.....	9	344	282	-	-	10	200	(D)	-	-
Lyon.....	58	719	1 329	-	-	76	711	1 429	-	-
Madison.....	4	(D)	44	-	-	10	171	234	-	-
Mahaska.....	6	109	167	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion.....	3	39	75	-	-	3	(D)	(D)	-	-
Marshall.....	3	15	(D)	-	-	4	23	34	-	-
Mills.....	5	28	32	-	-	6	(D)	(D)	-	-
Mitchell.....	4	39	34	-	-	4	25	25	-	-
Monona.....	3	38	66	-	-	4	(D)	(D)	-	-
Monroe.....	5	85	52	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine.....	7	82	187	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien.....	41	471	862	-	-	40	361	549	-	-
Osceola.....	35	341	494	-	-	39	(D)	(D)	-	-
Page.....	6	(D)	(D)	-	-	6	79	116	-	-
Palo Alto.....	15	139	261	-	-	16	219	395	-	-
Plymouth.....	45	511	884	-	-	55	780	1 417	-	-
Pottawattamie.....	5	16	33	-	-	9	(D)	(D)	-	-
Poweshiek.....	4	(D)	56	-	-	4	32	104	-	-
Ringgold.....	8	163	240	-	-	15	(D)	832	-	-
Sac.....	5	54	90	-	-	5	69	98	-	-
Scott.....	5	58	86	-	-	4	(D)	(D)	-	-
Shelby.....	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux.....	40	280	536	-	-	60	519	1 220	-	-
Tama.....	4	212	348	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor.....	8	(D)	(D)	-	-	12	295	496	-	-
Union.....	11	169	240	-	-	8	315	435	-	-
Van Buren.....	5	63	62	-	-	3	31	(D)	-	-
Wapello.....	10	288	437	-	-	7	85	109	-	-
Warren.....	6	88	73	-	-	9	114	158	-	-
Washington.....	6	(D)	(D)	-	-	5	40	82	-	-
Wayne.....	8	161	217	-	-	7	76	208	-	-
Webster.....	3	30	44	-	-	5	52	82	-	-
Winneshiek.....	8	82	108	-	-	4	50	60	-	-
Woodbury.....	8	46	83	-	-	18	288	790	-	-
Woodworth.....	8	(D)	(D)	-	-	11	100	110	-	-
Worth.....	18	175	246	-	-	17	232	248	-	-
All other counties.....	30	390	543	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)</b>										
<b>State Total</b>										
Iowa.....	4 755	200 613	1 331 943	3	(D)	5 243	196 575	1 400 719	6	117
<b>Counties</b>										
Adair.....	29	(D)	7 465	--	--	27	1 466	11 072	--	--
Adams.....	18	896	4 985	--	--	17	966	7 834	--	--
Allamakee.....	212	10 269	68 961	--	--	215	9 959	62 390	--	--
Appanoose.....	15	531	3 508	--	--	8	238	1 914	--	--
Audubon.....	28	1 596	11 289	--	--	40	2 101	17 593	--	--
Benton.....	54	2 364	17 389	--	--	60	1 978	14 247	--	--
Black Hawk.....	38	1 186	10 219	--	--	38	1 053	9 462	--	--
Boone.....	10	(D)	5 781	--	--	16	483	3 752	--	--
Bremer.....	91	3 326	23 583	--	--	101	3 497	23 150	--	--
Buchanan.....	63	2 159	16 038	--	--	73	1 990	12 632	--	--
Buena Vista.....	29	1 092	9 169	--	--	42	1 423	12 157	--	--
Butler.....	47	1 350	10 270	--	--	64	2 207	16 259	--	--
Calhoun.....	19	821	5 637	--	--	28	1 003	6 714	--	--
Carroll.....	58	1 995	10 363	--	--	60	1 588	11 925	--	--
Cass.....	34	(D)	8 905	--	--	40	1 919	11 974	--	--
Cedar.....	29	1 047	7 186	--	--	45	1 166	8 282	1	(D)
Cerro Gordo.....	10	(D)	2 615	--	--	13	345	2 324	--	--
Cherokee.....	61	(D)	(D)	--	--	64	1 722	11 625	--	--
Chickasaw.....	78	2 656	14 302	--	--	54	2 277	14 018	--	--
Clarke.....	4	414	1 943	--	--	4	(D)	(D)	--	--
Clay.....	19	1 155	7 384	--	--	27	1 058	8 388	--	--
Clayton.....	337	15 788	99 343	--	--	323	13 068	80 859	--	--
Clinton.....	73	2 726	19 995	--	--	83	2 693	19 971	--	--
Crawford.....	24	(D)	4 872	--	--	53	2 039	12 283	--	--
Dallas.....	8	(D)	2 147	--	--	17	847	5 771	--	--
Davis.....	21	852	3 093	--	--	29	1 565	8 740	--	--
Decatur.....	12	1 647	7 848	--	--	20	1 778	7 547	--	--
Delaware.....	237	9 097	66 091	--	--	247	8 094	63 495	--	--
Des Moines.....	18	589	2 496	--	--	19	595	3 392	--	--
Dickinson.....	16	892	4 403	--	--	22	946	5 947	--	--
Dubuque.....	392	18 745	137 373	--	--	374	13 584	107 113	--	--
Emmet.....	14	624	5 690	--	--	17	411	3 503	--	--
Fayette.....	193	(D)	(D)	--	--	211	7 628	55 453	--	--
Floyd.....	33	1 493	10 193	--	--	34	1 021	7 161	1	(D)
Franklin.....	26	877	5 780	--	--	41	1 225	9 405	--	--
Fremont.....	6	(D)	(D)	--	--	7	(D)	942	--	--
Greene.....	9	444	4 330	--	--	15	385	3 262	--	--
Grundy.....	19	(D)	(D)	--	--	23	976	7 989	--	--
Guthrie.....	17	994	4 687	--	--	20	848	5 051	--	--
Hamilton.....	6	406	1 397	--	--	11	253	1 871	--	--
Hancock.....	44	1 809	11 258	--	--	40	1 388	10 954	--	--
Hardin.....	19	961	7 818	--	--	21	727	6 421	--	--
Harrison.....	12	277	1 338	--	--	13	(D)	3 320	--	--
Henry.....	11	(D)	(D)	--	--	17	(D)	3 566	--	--
Howard.....	67	2 882	19 615	--	--	81	2 692	18 995	--	--
Humboldt.....	13	378	2 206	--	--	14	430	3 803	--	--
Ida.....	30	1 364	8 715	--	--	47	1 617	10 719	--	--
Iowa.....	32	(D)	12 240	--	--	49	1 978	13 066	--	--
Jackson.....	175	7 471	53 862	1	(D)	172	7 066	56 962	--	--
Jasper.....	57	2 590	18 701	1	(D)	69	3 021	23 280	--	--
Jefferson.....	26	1 170	7 105	--	--	28	1 000	6 987	1	(D)
Johnson.....	75	2 122	14 786	--	--	74	1 827	14 092	--	--
Jones.....	108	(D)	(D)	--	--	104	3 608	27 060	--	--
Keokuk.....	15	(D)	(D)	--	--	20	(D)	6 005	--	--
Kossuth.....	37	1 455	10 170	--	--	32	833	5 931	--	--
Lee.....	55	1 931	10 715	--	--	52	1 484	8 531	--	--
Linn.....	57	1 814	12 747	--	--	60	1 873	12 160	--	--
Louisia.....	10	481	2 109	--	--	7	(D)	(D)	--	--
Lucas.....	18	1 014	5 703	--	--	14	729	4 100	--	--
Lyon.....	107	3 781	24 700	--	--	94	2 073	16 612	1	(D)
Madison.....	19	(D)	4 100	--	--	29	2 138	12 030	--	--
Mahaska.....	65	2 605	19 079	--	--	77	3 127	28 438	--	--
Marion.....	38	1 597	10 365	--	--	58	3 049	22 348	--	--
Marshall.....	19	618	3 747	--	--	20	536	4 083	--	--
Mills.....	11	588	2 450	--	--	7	(D)	(D)	--	--
Mitchell.....	59	2 714	13 926	--	--	58	2 227	14 018	--	--
Monona.....	18	930	6 494	--	--	11	(D)	2 556	--	--
Monroe.....	24	867	6 501	--	--	18	(D)	6 066	--	--
Montgomery.....	8	228	1 517	--	--	15	(D)	3 249	--	--
Muscatine.....	14	518	3 688	--	--	28	870	5 730	--	--
O'Brien.....	50	1 813	10 826	--	--	54	1 236	9 944	--	--
Osceola.....	29	1 141	5 132	--	--	28	702	4 958	--	--
Page.....	11	(D)	(D)	--	--	25	980	8 510	--	--
Palo Alto.....	18	568	3 312	--	--	23	867	8 303	--	--
Plymouth.....	50	1 865	10 204	--	--	65	1 912	14 268	--	--
Pocahontas.....	12	568	3 324	--	--	22	589	4 710	--	--
Polk.....	9	(D)	4 204	--	--	8	206	1 608	--	--
Pottawattamie.....	38	1 859	12 256	--	--	55	(D)	(D)	--	--
Poweshiek.....	36	(D)	13 001	--	--	36	1 889	10 461	--	--
Ringgold.....	15	1 075	7 185	--	--	22	(D)	9 144	--	--

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)—Con.</b>										
<b>Counties—Con.</b>										
Sac	33	1 204	8 227	1	(D)	41	2 035	20 111	1	(D)
Scott	29	1 339	11 079	-	-	41	(D)	(D)	-	-
Shelby	32	(D)	(D)	-	-	45	1 764	12 400	-	-
Sioux	151	5 927	43 084	-	-	159	4 825	39 302	1	(D)
Story	16	741	3 877	-	-	15	(D)	5 551	-	-
Tama	36	1 132	8 285	-	-	50	1 655	12 149	-	-
Taylor	9	(D)	(D)	-	-	14	989	4 192	-	-
Union	16	754	3 228	-	-	25	1 562	9 643	-	-
Van Buren	20	738	2 927	-	-	27	1 020	5 257	-	-
Wapello	18	682	5 379	-	-	20	1 205	8 176	-	-
Warren	24	1 154	5 915	-	-	22	939	6 917	-	-
Washington	34	(D)	5 169	-	-	39	1 185	9 252	-	-
Wayne	11	767	4 525	-	-	28	1 677	9 286	-	-
Webster	15	363	2 609	-	-	21	1 046	7 837	-	-
Winnebago	16	576	4 962	-	-	15	332	2 618	-	-
Winneshiak	330	13 630	85 006	-	-	331	13 945	88 762	-	-
Woodbury	33	2 416	16 185	-	-	50	1 828	11 491	-	-
Worth	6	239	1 915	-	-	20	928	14 514	-	-
Wright	8	367	2 392	-	-	11	485	5 936	-	-
<b>CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)</b>										
<b>State Total</b>										
Iowa	7 934	205 176	3 251 394	7	110	17 412	536 645	8 290 817	28	2 364
<b>Counties</b>										
Adair	31	1 161	17 550	-	-	110	3 222	43 401	-	-
Adams	26	1 006	13 709	-	-	79	3 832	51 547	-	-
Allamakee	271	4 537	69 400	-	-	475	10 674	162 065	-	-
Appanoose	40	825	13 734	-	-	56	1 154	11 634	-	-
Audubon	42	1 060	16 645	-	-	147	7 068	98 669	-	-
Benton	84	3 087	57 934	-	-	202	6 122	102 078	-	-
Black Hawk	77	1 383	24 393	1	(D)	175	4 245	77 955	-	-
Boone	30	1 535	33 569	-	-	82	2 909	48 755	-	-
Bremer	152	2 366	38 990	-	-	286	4 965	81 161	-	-
Buchanan	146	2 062	35 591	-	-	268	4 983	88 229	-	-
Buena Vista	55	1 504	25 466	-	-	157	6 295	105 595	-	-
Butler	84	1 805	26 524	-	-	201	4 575	65 979	-	-
Calhoun	40	1 705	25 005	-	-	100	4 405	63 666	1	(D)
Carroll	80	3 467	50 939	-	-	278	18 170	292 351	-	-
Cass	46	1 264	20 277	-	-	146	5 466	81 452	-	-
Cedar	86	2 016	30 614	-	-	147	3 696	65 564	-	-
Cerro Gordo	40	1 197	18 619	-	-	107	2 974	50 341	-	-
Cherokee	114	2 836	41 821	-	-	301	11 213	172 382	-	-
Chickasaw	169	3 806	54 944	-	-	289	8 678	115 850	-	-
Clarke	32	767	9 031	-	-	63	2 113	18 609	-	-
Clay	49	2 576	46 944	-	-	157	7 132	115 421	-	-
Clayton	231	3 267	54 214	-	-	508	9 738	145 654	-	-
Clinton	148	4 502	66 587	-	-	285	8 513	148 864	-	-
Crawford	55	1 970	35 786	-	-	198	6 509	94 397	-	-
Dallas	33	1 620	36 336	-	-	90	3 332	52 240	-	-
Davis	82	1 331	18 061	-	-	90	2 309	28 481	-	-
Decatur	38	1 363	16 867	-	-	82	3 672	40 105	-	-
Delaware	286	5 110	80 840	-	-	524	10 658	173 581	-	-
Des Moines	60	1 603	29 552	-	-	80	2 279	41 725	1	(D)
Dickinson	54	2 113	32 259	-	-	127	6 422	98 244	-	-
Dubuque	368	6 884	99 984	1	(D)	598	12 434	194 971	1	(D)
Emmet	20	929	15 335	-	-	87	3 189	50 081	-	-
Fayette	255	4 854	81 841	-	-	492	12 749	196 233	-	-
Floyd	77	1 574	29 977	-	-	159	4 534	68 133	1	(D)
Franklin	42	1 181	23 335	-	-	144	5 348	112 151	-	-
Fremont	15	413	6 350	-	-	39	1 439	21 306	-	-
Greene	17	1 109	19 867	-	-	87	4 476	75 809	-	-
Grundy	37	1 364	28 161	-	-	89	3 284	63 690	-	-
Guthrie	28	934	17 204	-	-	110	2 994	49 606	1	(D)
Hamilton	12	946	17 090	-	-	43	2 087	35 062	-	-
Hancock	67	1 310	24 192	-	-	174	4 926	89 520	-	-
Hardin	46	1 016	16 456	-	-	125	5 183	84 961	-	-
Harrison	48	1 168	18 150	-	-	140	4 078	58 988	3	80
Henry	41	1 525	28 369	-	-	72	1 771	31 461	-	-
Howard	162	3 238	49 211	-	-	307	7 020	100 450	-	-
Humboldt	40	2 202	43 395	-	-	70	3 360	64 883	-	-
Ida	39	1 202	14 755	-	-	166	6 594	86 198	-	-
Iowa	76	2 018	30 584	-	-	149	3 836	66 990	-	-
Jackson	194	4 378	65 563	-	-	294	6 262	103 792	-	-
Jasper	57	1 941	37 067	-	-	184	5 671	92 389	-	-
Jefferson	57	1 423	15 265	-	-	82	1 843	29 223	-	-
Johnson	152	2 702	39 665	-	-	181	4 078	67 006	-	-
Jones	157	4 167	67 481	-	-	284	6 944	117 135	-	-
Keokuk	43	939	16 749	-	-	69	1 876	32 163	-	-
Kossuth	103	2 802	59 069	-	-	221	6 363	110 761	-	-
Lee	113	2 483	33 845	1	(D)	117	2 550	46 345	-	-
Linn	126	2 814	48 959	-	-	225	5 459	88 800	1	(D)
Louisa	33	656	7 329	-	-	50	1 253	24 145	-	-
Lucas	28	785	9 662	-	-	58	1 826	20 834	-	-
Lyon	184	5 684	79 413	2	(D)	477	13 956	182 893	3	85

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.</b>										
<b>Counties—Con.</b>										
Madison .....	32	1 182	14 559	-	-	95	3 625	42 160	-	-
Mahaska .....	84	2 178	29 372	-	-	169	4 296	75 005	-	-
Marion .....	37	1 039	15 062	-	-	107	2 706	41 215	-	-
Marshall .....	38	1 467	26 764	-	-	111	2 924	52 094	1	(D)
Mills .....	9	388	8 465	-	-	55	2 982	39 873	-	-
Mitchell .....	168	4 915	68 515	-	-	286	8 317	130 570	-	-
Monona .....	60	2 084	31 127	-	-	139	7 287	108 981	2	(D)
Monroe .....	38	1 051	14 055	-	-	107	3 048	33 725	-	-
Montgomery .....	19	676	14 247	-	-	102	4 097	65 813	-	-
Muscatine .....	67	1 847	25 777	-	-	115	3 234	56 928	-	-
O'Brien .....	67	2 155	40 008	-	-	256	9 506	141 974	1	(D)
Osceola .....	49	1 573	24 093	-	-	148	5 017	85 136	-	-
Page .....	36	1 086	16 124	-	-	100	2 996	42 325	-	-
Palo Alto .....	38	1 024	16 011	-	-	121	4 312	67 990	1	(D)
Plymouth .....	118	2 886	41 879	-	-	401	12 818	171 286	-	-
Pocahontas .....	36	1 831	47 768	-	-	102	3 317	55 182	-	-
Polk .....	18	498	6 477	-	-	46	1 603	21 402	-	-
Pottawattamie .....	85	2 859	47 725	-	-	273	10 240	160 630	2	(D)
Poweshiek .....	62	1 394	23 086	-	-	113	2 865	47 125	-	-
Ringgold .....	46	990	13 037	-	-	90	3 165	39 617	-	-
Sac .....	54	2 928	39 347	-	-	194	10 899	184 142	-	-
Scott .....	70	1 969	31 431	-	-	133	4 050	70 737	-	-
Shelby .....	50	2 044	28 816	-	-	197	7 505	120 902	-	-
Sioux .....	283	10 802	145 896	2	(D)	717	29 273	427 622	9	341
Story .....	35	1 235	22 164	-	-	93	2 986	54 193	-	-
Tama .....	61	1 346	26 189	-	-	157	3 948	61 966	-	-
Taylor .....	16	390	4 300	-	-	63	1 941	24 399	-	-
Union .....	22	603	6 844	-	-	72	2 454	30 471	-	-
Van Buren .....	83	1 667	20 150	-	-	106	2 231	27 280	-	-
Wapello .....	33	869	12 466	-	-	47	1 205	19 729	-	-
Warren .....	50	1 309	22 129	-	-	102	5 584	58 817	-	-
Washington .....	78	1 618	25 914	-	-	119	2 939	52 029	-	-
Wayne .....	21	470	5 980	-	-	73	2 682	27 501	-	-
Webster .....	30	773	12 501	-	-	65	2 080	31 346	-	-
Winnebago .....	46	1 128	14 700	-	-	76	1 929	33 719	-	-
Winneshiek .....	424	8 486	139 809	-	-	748	18 219	275 071	-	-
Woodbury .....	70	2 788	42 136	-	-	260	9 238	133 500	-	-
Worth .....	65	1 372	23 135	-	-	100	2 200	35 263	-	-
Wright .....	18	761	16 792	-	-	51	2 221	41 125	-	-
<b>SORGHUM CUT FOR DRY FORAGE OR HAY (TONS, DRY)</b>										
<b>State Total</b>										
Iowa .....	11	216	719	-	-	8	172	622	-	-
<b>SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)</b>										
<b>State Total</b>										
Iowa .....	354	7 340	102 074	-	-	259	4 388	53 849	-	-
<b>Counties</b>										
Adair .....	4	(D)	(D)	-	-	3	(D)	(D)	-	-
Adams .....	4	197	3 460	-	-	3	(D)	(D)	-	-
Allamakee .....	11	103	1 381	-	-	4	19	(D)	-	-
Appanoose .....	4	36	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton .....	4	56	594	-	-	4	(D)	660	-	-
Buchanan .....	3	45	(D)	-	-	6	37	365	-	-
Buena Vista .....	3	79	(D)	-	-	7	103	2 012	-	-
Cass .....	3	(D)	(D)	-	-	6	126	2 195	-	-
Cedar .....	4	73	1 310	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	3	30	246	-	-	5	(D)	1 080	-	-
Cherokee .....	6	210	2 460	-	-	5	(D)	367	-	-
Chickasaw .....	12	332	4 520	-	-	4	44	715	-	-
Clarke .....	4	66	720	-	-	3	8	60	-	-
Clayton .....	8	109	986	-	-	8	47	256	-	-
Clinton .....	3	81	756	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford .....	4	80	630	-	-	3	38	210	-	-
Delaware .....	14	238	3 762	-	-	6	66	815	-	-
Des Moines .....	6	198	2 363	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dickinson .....	3	48	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque .....	14	177	1 794	-	-	3	(D)	(D)	-	-
Emmet .....	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette .....	5	57	990	-	-	3	14	(D)	-	-
Floyd .....	3	56	768	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	3	125	2 220	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin .....	5	52	854	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard .....	5	55	1 103	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida .....	4	31	380	-	-	4	22	430	-	-
Iowa .....	3	139	(D)	-	-	4	(D)	1 751	-	-
Jackson .....	8	179	2 116	-	-	3	(D)	450	-	-
Jasper .....	7	82	1 192	-	-	6	(D)	1 210	-	-

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982					
	Harvested			Irrigated		Harvested			Irrigated		
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres	
<b>SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.</b>											
<b>Counties—Con.</b>											
Jefferson .....	3	61	1 060	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson .....	7	223	2 366	-	-	4	(D)	475	-	-	-
Keokuk .....	4	86	630	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	4	87	1 415	-	-	4	(D)	700	-	-	-
Linn .....	5	139	1 594	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas .....	7	176	2 390	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon .....	9	221	4 051	-	-	4	(D)	792	-	-	-
Mahaska .....	8	173	3 432	-	-	4	(D)	659	-	-	-
Marion .....	9	156	3 202	-	-	3	(D)	(D)	-	-	-
Marshall .....	3	34	638	-	-	3	(D)	560	-	-	-
Monona .....	6	174	1 784	-	-	5	68	640	-	-	-
Muscatine .....	3	27	315	-	-	4	28	310	-	-	-
Palo Alto .....	6	136	2 348	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	6	155	1 930	-	-	7	47	491	-	-	-
Poweshiek .....	4	59	1 090	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold .....	4	80	564	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sac .....	6	242	5 755	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux .....	19	581	8 111	-	-	12	(D)	2 300	-	-	-
Story .....	3	15	225	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	3	35	341	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello .....	5	86	815	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Warren .....	8	212	2 395	-	-	4	(D)	761	-	-	-
Winnebuck .....	10	79	828	-	-	3	(D)	870	-	-	-
Woodbury .....	4	65	890	-	-	8	122	1 225	-	-	-
All other counties .....	45	791	9 117	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LAND USED FOR VEGETABLES (SEE TEXT)</b>								
<b>State Total</b>								
Iowa .....	596	8 694	100	1 619	429	8 326	54	850
<b>Counties</b>								
Allamakee .....	5	34	-	-	(NA)	(NA)	(NA)	(NA)
Audubon .....	3	4	-	-	(NA)	(NA)	(NA)	(NA)
Benton .....	14	74	1	(D)	7	14	-	-
Black Hawk .....	20	116	2	(D)	20	101	-	-
Boone .....	4	(D)	-	-	7	364	-	-
Bremer .....	8	54	1	(D)	7	33	-	-
Buchanan .....	14	470	2	(D)	13	186	-	-
Buena Vista .....	5	11	1	(D)	(NA)	(NA)	(NA)	(NA)
Butler .....	9	677	-	-	8	592	-	-
Carroll .....	3	16	-	-	(NA)	(NA)	(NA)	(NA)
Cedar .....	5	35	-	-	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	11	310	3	(D)	9	386	1	(D)
Cherokee .....	3	6	-	-	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	3	13	-	-	4	10	-	-
Clayton .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Clinton .....	5	30	-	-	(NA)	(NA)	(NA)	(NA)
Crawford .....	3	2	-	-	(NA)	(NA)	(NA)	(NA)
Dallas .....	18	57	8	31	3	(D)	-	-
Davis .....	4	10	-	-	7	19	-	-
Decatur .....	3	12	1	(D)	(NA)	(NA)	(NA)	(NA)
Delaware .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Des Moines .....	4	(D)	1	(D)	8	46	1	(D)
Dickinson .....	4	11	-	-	6	30	-	-
Dubuque .....	6	11	-	-	12	50	-	-
Fayette .....	13	120	2	(D)	3	(D)	-	-
Floyd .....	3	(D)	-	-	3	(D)	-	-
Franklin .....	8	(D)	1	(D)	11	2 023	-	-
Fremont .....	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene .....	5	23	1	(D)	4	5	-	-
Hardin .....	9	191	-	-	7	267	-	-

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LAND USED FOR VEGETABLES (SEE TEXT)</b>								
—Con.								
<b>Counties—Con.</b>								
Harrison .....	6	60	-	-	6	30	-	-
Henry .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Iowa .....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson .....	4	23	-	-	5	17	-	-
Jasper .....	12	69	-	-	8	14	-	-
Jefferson .....	5	33	-	-	(NA)	(NA)	(NA)	(NA)
Johnson .....	20	154	5	12	10	40	2	(D)
Kossuth .....	10	207	2	(D)	12	793	-	-
Lee .....	7	150	4	106	11	183	2	(D)
Linn .....	28	439	4	45	25	235	4	28
Louisa .....	11	273	7	252	13	279	8	208
Lucas .....	4	26	-	-	(NA)	(NA)	(NA)	(NA)
Lyon .....	9	42	-	-	6	5	2	(D)
Madison .....	4	34	-	-	(NA)	(NA)	(NA)	(NA)
Mahaska .....	5	53	-	-	8	33	-	-
Marion .....	10	23	1	(D)	5	19	1	(D)
Marshall .....	8	23	1	(D)	(NA)	(NA)	(NA)	(NA)
Mills .....	7	22	-	-	6	17	-	-
Mitchell .....	9	341	2	(D)	6	170	-	-
Muscatine .....	33	1 070	19	717	29	706	17	411
O'Brien .....	3	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Osceola .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	5	10	-	-	(NA)	(NA)	(NA)	(NA)
Polk .....	16	289	-	-	18	585	-	-
Pottawattamie .....	17	80	5	21	9	35	-	-
Scott .....	20	132	8	32	16	100	4	59
Story .....	11	54	4	5	9	27	1	(D)
Tama .....	7	25	2	(D)	(NA)	(NA)	(NA)	(NA)
Union .....	3	7	-	-	(NA)	(NA)	(NA)	(NA)
Van Buren .....	8	19	-	-	(NA)	(NA)	(NA)	(NA)
Wapello .....	6	29	1	(D)	3	12	-	-
Warren .....	10	50	1	(D)	9	66	1	(D)
Washington .....	10	318	3	13	5	9	2	(D)
Webster .....	10	40	-	-	5	55	1	(D)
Winnebago .....	6	127	1	(D)	4	211	-	-
Winneshiek .....	5	9	-	-	3	4	-	-
Woodbury .....	9	31	1	(D)	5	24	1	(D)
Worth .....	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
All other counties .....	38	218	3	11	(NA)	(NA)	(NA)	(NA)
<b>VEGETABLES HARVESTED (SEE TEXT)</b>								
<b>State Total</b>								
Iowa .....	596	8 863	100	1 633	429	8 363	54	871
<b>Counties</b>								
Allamakee .....	5	34	-	-	(NA)	(NA)	(NA)	(NA)
Audubon .....	3	4	-	-	(NA)	(NA)	(NA)	(NA)
Benton .....	14	72	1	(D)	7	14	-	-
Black Hawk .....	20	133	2	(D)	20	100	-	-
Boone .....	4	(D)	-	-	7	364	-	-
Bremer .....	8	56	1	(D)	7	33	-	-
Buchanan .....	14	(D)	2	(D)	13	186	-	-
Buena Vista .....	5	11	1	(D)	(NA)	(NA)	(NA)	(NA)
Butler .....	9	677	-	-	8	592	-	-
Carroll .....	3	15	-	-	(NA)	(NA)	(NA)	(NA)
Cedar .....	5	35	-	-	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	11	312	3	(D)	9	388	1	(D)
Cherokee .....	3	6	-	-	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	3	13	-	-	4	10	-	-
Clayton .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Clinton .....	5	30	-	-	(NA)	(NA)	(NA)	(NA)
Crawford .....	3	2	-	-	(NA)	(NA)	(NA)	(NA)
Dallas .....	18	57	6	32	3	(D)	-	-
Davis .....	4	9	-	-	7	19	-	-
Decatur .....	3	14	1	(D)	(NA)	(NA)	(NA)	(NA)
Delaware .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Des Moines .....	4	(D)	1	(D)	8	45	1	(D)
Dickinson .....	4	11	-	-	6	30	-	-
Dubuque .....	6	12	-	-	6	49	-	-
Fayette .....	13	120	2	(D)	12	(D)	-	-
Floyd .....	3	(D)	-	-	3	(D)	-	-
Franklin .....	8	(D)	1	(D)	11	2 023	-	-
Fremont .....	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene .....	5	23	1	(D)	4	5	-	-
Hardin .....	9	191	-	-	7	267	-	-
Harrison .....	6	60	-	-	6	30	-	-
Henry .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Iowa .....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson .....	4	23	-	-	5	(D)	-	-
Jasper .....	12	69	-	-	8	14	-	-
Jefferson .....	5	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Johnson .....	20	154	5	12	10	39	2	(D)
Kossuth .....	10	208	2	(D)	12	793	-	-
Lee .....	7	150	4	106	11	183	2	(D)
Linn .....	28	439	4	45	25	237	4	28

**Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>VEGETABLES HARVESTED (SEE TEXT)—Con.</b>								
<b>Counties—Con.</b>								
Louisa .....	11	273	7	252	13	298	8	228
Lucas .....	4	26	-	-	(NA)	(NA)	(NA)	(NA)
Lyon .....	9	41	-	-	6	5	2	(D)
Madison .....	4	34	-	-	(NA)	(NA)	(NA)	(NA)
Mahaska .....	5	53	-	-	8	32	-	-
Marion .....	10	23	1	(D)	5	18	1	(D)
Marshall .....	8	23	1	(D)	(NA)	(NA)	(NA)	(NA)
Mills .....	7	21	-	-	6	17	-	-
Mitchell .....	9	(D)	2	(D)	6	172	-	-
Muscatine .....	33	1 080	19	727	29	723	17	411
O'Brien .....	3	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Osceola .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Palo Alto .....	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	5	10	-	-	(NA)	(NA)	(NA)	(NA)
Polk .....	16	289	-	-	18	585	-	-
Pottawattamie .....	17	80	5	21	9	35	-	-
Scott .....	20	140	8	32	16	100	4	59
Story .....	11	55	4	5	9	26	1	(D)
Tama .....	7	25	2	(D)	(NA)	(NA)	(NA)	(NA)
Union .....	3	7	-	-	(NA)	(NA)	(NA)	(NA)
Van Buren .....	8	20	-	-	(NA)	(NA)	(NA)	(NA)
Wapello .....	6	30	1	(D)	3	13	-	-
Warren .....	10	49	1	(D)	9	65	1	(D)
Washington .....	10	318	3	13	5	10	2	(D)
Webster .....	10	40	-	-	5	55	1	(D)
Winnebago .....	6	127	1	(D)	4	211	-	-
Winneshiek .....	5	9	-	-	3	4	-	-
Woodbury .....	9	30	1	(D)	5	24	1	(D)
Worth .....	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
All other counties .....	38	217	3	11	(NA)	(NA)	(NA)	(NA)
<b>ASPARAGUS</b>								
<b>State Total</b>								
Iowa .....	39	68	6	10	15	126	2	(D)
<b>GREEN LIMA BEANS</b>								
<b>State Total</b>								
Iowa .....	5	14	-	-	3	(Z)	2	(D)
<b>SNAP BEANS</b>								
<b>State Total</b>								
Iowa .....	80	104	13	10	51	34	6	6
<b>BEETS</b>								
<b>State Total</b>								
Iowa .....	23	6	5	3	14	3	4	1
<b>BROCCOLI</b>								
<b>State Total</b>								
Iowa .....	41	41	11	20	11	7	2	(D)
<b>Counties</b>								
Johnson .....	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	6	12	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	32	28	7	16	(NA)	(NA)	(NA)	(NA)
<b>HEAD CABBAGE</b>								
<b>State Total</b>								
Iowa .....	57	305	13	63	46	185	6	54
<b>Counties</b>								
Black Hawk .....	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan .....	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Kossuth .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Linn .....	9	60	2	(D)	7	33	2	(D)
All other counties .....	39	147	9	44	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text.]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>CANTALOUPS</b>								
<b>State Total</b>								
Iowa.....	101	560	29	316	82	415	26	174
<b>Counties</b>								
Benton .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan .....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Dallas .....	4	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Harrison .....	3	15	-	-	3	(D)	-	-
Johnson .....	3	43	2	-	(NA)	(NA)	(NA)	(NA)
Linn .....	9	31	1	(D)	5	12	2	(D)
Louisia .....	8	50	5	(D)	7	28	6	26
Muscatine .....	18	228	11	146	16	149	11	101
Pottawattamie .....	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Story .....	3	2	-	-	3	(D)	1	(D)
All other counties .....	43	104	5	56	(NA)	(NA)	(NA)	(NA)
<b>CARROTS</b>								
<b>State Total</b>								
Iowa.....	15	306	3	2	9	295	1	(D)
<b>CAULIFLOWER</b>								
<b>State Total</b>								
Iowa.....	31	27	6	6	10	6	1	(D)
<b>COLLARDS</b>								
<b>State Total</b>								
Iowa.....	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)
<b>CUCUMBERS AND PICKLES</b>								
<b>State Total</b>								
Iowa.....	62	69	15	24	40	29	8	6
<b>Counties</b>								
Black Hawk .....	5	2	-	-	5	1	-	-
Buchanan .....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Lee .....	2	2	3	2	(NA)	(NA)	(NA)	(NA)
Linn .....	19	19	1	(D)	8	7	1	(D)
Muscatine .....	4	5	4	5	(NA)	(NA)	(NA)	(NA)
Pottawattamie .....	5	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Scott .....	5	(D)	-	-	(NA)	(NA)	(NA)	(NA)
All other counties .....	31	11	5	1	(NA)	(NA)	(NA)	(NA)
<b>EGGPLANT</b>								
<b>State Total</b>								
Iowa.....	19	11	5	(D)	12	8	3	1
<b>HONEYDEW MELONS</b>								
<b>State Total</b>								
Iowa.....	4	2	-	-	(NA)	(NA)	(NA)	(NA)
<b>KALE</b>								
<b>State Total</b>								
Iowa.....	4	4	1	(D)	(NA)	(NA)	(NA)	(NA)
<b>LETTUCE AND ROMAINE</b>								
<b>State Total</b>								
Iowa.....	10	3	3	(D)	4	1	1	(D)
<b>DRY ONIONS</b>								
<b>State Total</b>								
Iowa.....	28	108	7	28	28	183	5	52

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>GREEN ONIONS</b>								
<b>State Total</b>								
Iowa.....	11	3	-	-	6	3	-	-
<b>OKRA</b>								
<b>State Total</b>								
Iowa.....	11	4	2	(D)	(NA)	(NA)	(NA)	(NA)
<b>PARSLEY</b>								
<b>State Total</b>								
Iowa.....	4	2	-	-	(NA)	(NA)	(NA)	(NA)
<b>GREEN PEAS, EXCLUDING GREEN COWPEAS</b>								
<b>State Total</b>								
Iowa.....	30	236	9	5	16	253	2	(D)
<b>Counties</b>								
Johnson.....	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Linn.....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Mitchell.....	5	184	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties.....	19	(D)	4	4	(NA)	(NA)	(NA)	(NA)
<b>HOT PEPPERS</b>								
<b>State Total</b>								
Iowa.....	10	6	1	(D)	6	8	2	(D)
<b>SWEET PEPPERS</b>								
<b>State Total</b>								
Iowa.....	70	109	23	67	40	75	4	5
<b>Counties</b>								
Black Hawk.....	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Kossuth.....	5	7	2	(D)	(NA)	(NA)	(NA)	(NA)
Lee.....	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Linn.....	8	12	3	(D)	6	15	1	(D)
Muscatine.....	4	(D)	3	(D)	6	42	3	(D)
Pottawattamie.....	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Scott.....	4	3	-	-	3	(D)	-	-
Story.....	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Warren.....	3	1	1	(D)	4	2	-	-
All other counties.....	34	(D)	10	44	(NA)	(NA)	(NA)	(NA)
<b>PUMPKINS</b>								
<b>State Total</b>								
Iowa.....	122	337	11	31	64	128	6	11
<b>Counties</b>								
Black Hawk.....	5	15	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan.....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Hardin.....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Jasper.....	5	10	-	-	(NA)	(NA)	(NA)	(NA)
Lee.....	4	15	2	(D)	3	8	1	(D)
Linn.....	10	44	1	(D)	3	8	1	(D)
Marion.....	4	1	-	-	(NA)	(NA)	(NA)	(NA)
Mills.....	3	4	-	-	6	14	-	-
Muscatine.....	6	29	3	(D)	5	24	2	(D)
Polk.....	5	23	-	-	(NA)	(NA)	(NA)	(NA)
Scott.....	3	6	1	(D)	(NA)	(NA)	(NA)	(NA)
Washington.....	4	15	2	(D)	(NA)	(NA)	(NA)	(NA)
Webster.....	4	5	-	-	(NA)	(NA)	(NA)	(NA)
All other counties.....	63	115	2	(D)	(NA)	(NA)	(NA)	(NA)
<b>RADISHES</b>								
<b>State Total</b>								
Iowa.....	14	3	1	(D)	8	2	1	(D)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>SPINACH</b>								
<b>State Total</b>								
Iowa.....	7	1	1	(D)	5	1	-	-
<b>SQUASH</b>								
<b>State Total</b>								
Iowa.....	91	158	16	28	64	97	8	19
<b>Counties</b>								
Allamakee .....	3	11	-	-	(NA)	(NA)	(NA)	(NA)
Black Hawk .....	4	2	-	-	5	(D)	-	-
Dallas .....	4	3	-	-	(NA)	(NA)	(NA)	(NA)
Hardin .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Johnson .....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Linn .....	9	22	2	(D)	5	15	-	-
Muscatine .....	4	17	4	4	7	19	5	13
Washington .....	3	4	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	58	(D)	9	7	(NA)	(NA)	(NA)	(NA)
<b>SWEET CORN</b>								
<b>State Total</b>								
Iowa.....	418	4 716	42	296	298	5 619	17	83
<b>Counties</b>								
Allamakee .....	5	17	-	-	(NA)	(NA)	(NA)	(NA)
Audubon .....	3	4	-	-	(NA)	(NA)	(NA)	(NA)
Benton .....	13	31	-	-	6	7	-	-
Black Hawk .....	15	87	1	(D)	17	81	-	-
Bremer .....	8	26	-	-	4	6	-	-
Buchanan .....	10	(D)	-	-	12	125	-	-
Buena Vista .....	5	7	1	(D)	(NA)	(NA)	(NA)	(NA)
Butler .....	9	676	-	-	8	592	-	-
Carroll .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Cedar .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Cerro Gordo .....	7	21	2	(D)	6	29	-	-
Chickasaw .....	3	12	-	-	3	9	-	-
Clayton .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Dallas .....	9	9	-	-	3	(D)	-	-
Davis .....	4	7	-	-	7	(D)	-	-
Decatur .....	3	8	1	(D)	(NA)	(NA)	(NA)	(NA)
Dickinson .....	4	11	-	-	5	(D)	-	-
Dubuque .....	4	6	-	-	9	20	-	-
Fayette .....	11	42	1	(D)	(NA)	(NA)	(NA)	(NA)
Franklin .....	5	(D)	-	-	11	2 023	-	-
Fremont .....	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Greene .....	5	9	-	-	(NA)	(NA)	(NA)	(NA)
Hardin .....	9	182	-	-	5	266	-	-
Harrison .....	3	9	-	-	5	10	-	-
Henry .....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Jackson .....	3	(D)	-	-	5	11	-	-
Jasper .....	11	40	-	-	7	11	-	-
Jefferson .....	4	16	-	-	(NA)	(NA)	(NA)	(NA)
Johnson .....	11	26	1	(D)	4	(D)	-	-
Kossuth .....	4	(D)	1	(D)	10	668	-	-
Lee .....	7	57	4	32	8	72	-	-
Linn .....	21	177	3	(D)	20	108	3	(D)
Louisa .....	3	(D)	1	(D)	5	9	2	(D)
Madison .....	3	24	-	-	(NA)	(NA)	(NA)	(NA)
Mahaska .....	4	11	-	-	7	9	-	-
Marion .....	8	8	-	-	5	8	1	(D)
Marshall .....	7	15	-	-	(NA)	(NA)	(NA)	(NA)
Mills .....	6	13	-	-	(NA)	(NA)	(NA)	(NA)
Muscatine .....	17	237	11	194	12	125	6	70
Osceola .....	4	5	-	-	(NA)	(NA)	(NA)	(NA)
Plymouth .....	5	6	-	-	(NA)	(NA)	(NA)	(NA)
Polk .....	11	157	-	-	16	536	-	-
Pottawattamie .....	13	41	3	5	6	25	-	-
Scott .....	11	53	1	(D)	6	18	1	(D)
Story .....	10	38	1	(D)	5	12	-	-
Tama .....	4	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	6	12	-	-	(NA)	(NA)	(NA)	(NA)
Wapello .....	5	26	1	(D)	3	13	-	-
Warren .....	7	37	1	(D)	7	37	-	-
Washington .....	6	18	1	(D)	4	6	2	(D)
Webster .....	7	22	-	-	5	37	1	(D)
Winnebago .....	5	117	-	-	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	4	9	-	-	(NA)	(NA)	(NA)	(NA)
Woodbury .....	4	15	-	-	4	14	1	(D)
All other counties .....	55	268	5	13	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>TOMATOES</b>								
<b>State Total</b>								
Iowa.....	222	1 018	53	382	128	473	21	245
<b>Counties</b>								
Allamakee.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Benton.....	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Black Hawk.....	8	4	-	-	7	2	-	-
Buchanan.....	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Buena Vista.....	4	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Dallas.....	5	7	4	6	(NA)	(NA)	(NA)	(NA)
Decatur.....	3	(D)	1	-	(NA)	(NA)	(NA)	(NA)
Delaware.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Fayette.....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene.....	4	1	1	(D)	3	(D)	-	-
Harrison.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Jasper.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Johnson.....	5	(D)	1	(D)	4	2	1	(D)
Lee.....	6	5	3	4	(NA)	(NA)	(NA)	(NA)
Linn.....	16	26	3	(D)	9	25	2	(D)
Louisa.....	7	155	5	153	8	190	5	156
Mahaska.....	5	12	-	-	(NA)	(NA)	(NA)	(NA)
Marion.....	8	4	-	-	3	4	-	-
Marshall.....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Mills.....	4	2	-	-	(NA)	(NA)	(NA)	(NA)
Muscatine.....	18	285	12	121	13	154	7	52
Polk.....	7	6	-	-	5	7	-	-
Pottawattamie.....	10	10	2	(D)	3	(D)	-	-
Scott.....	9	36	3	(D)	5	4	1	(D)
Story.....	4	3	3	3	5	(D)	-	-
Tama.....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Warren.....	6	3	1	(D)	8	6	-	-
Washington.....	3	(D)	1	(D)	4	1	-	-
All other counties.....	59	111	8	77	(NA)	(NA)	(NA)	(NA)
<b>TURNIPS</b>								
<b>State Total</b>								
Iowa.....	9	43	-	-	9	9	3	(Z)
<b>TURNIP GREENS</b>								
<b>State Total</b>								
Iowa.....	4	6	-	-	(NA)	(NA)	(NA)	(NA)
<b>MIXED VEGETABLES</b>								
<b>State Total</b>								
Iowa.....	21	57	2	(D)	8	13	2	(D)
<b>WATERMELONS</b>								
<b>State Total</b>								
Iowa.....	93	517	30	312	64	345	22	178
<b>Counties</b>								
Benton.....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Harrison.....	5	19	-	-	3	9	-	-
Lee.....	5	42	2	(D)	5	45	1	(D)
Linn.....	6	17	1	(D)	(NA)	(NA)	(NA)	(NA)
Louisa.....	7	61	5	56	9	67	6	(D)
Muscatine.....	19	215	14	173	20	141	14	99
Polk.....	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Pottawattamie.....	5	7	1	(D)	(NA)	(NA)	(NA)	(NA)
Story.....	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Warren.....	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury.....	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties.....	31	124	5	39	(NA)	(NA)	(NA)	(NA)
<b>OTHER VEGETABLES</b>								
<b>State Total</b>								
Iowa.....	14	14	3	4	7	29	1	(D)

**Table 28. Fruits and Nuts: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
<b>LAND IN ORCHARDS</b>									
<b>State Total</b>									
Iowa ----- 1987..	508	2 740	XX	XX	XX	XX	XX	XX	XX
1982..	465	2 538	XX	XX	XX	XX	XX	XX	XX
<b>Counties, 1987</b>									
Allamakee .....	6	8	XX	XX	XX	XX	XX	XX	XX
Appanoose .....	6	15	XX	XX	XX	XX	XX	XX	XX
Benton .....	8	78	XX	XX	XX	XX	XX	XX	XX
Black Hawk .....	10	18	XX	XX	XX	XX	XX	XX	XX
Boone .....	3	4	XX	XX	XX	XX	XX	XX	XX
Buchanan .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Carroll .....	3	12	XX	XX	XX	XX	XX	XX	XX
Cass .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Cedar .....	8	21	XX	XX	XX	XX	XX	XX	XX
Cerro Gordo .....	4	9	XX	XX	XX	XX	XX	XX	XX
Chickasaw .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Clay .....	4	13	XX	XX	XX	XX	XX	XX	XX
Clayton .....	5	39	XX	XX	XX	XX	XX	XX	XX
Clinton .....	10	40	XX	XX	XX	XX	XX	XX	XX
Crawford .....	3	12	XX	XX	XX	XX	XX	XX	XX
Dallas .....	16	63	XX	XX	XX	XX	XX	XX	XX
Davis .....	5	5	XX	XX	XX	XX	XX	XX	XX
Decatur .....	9	64	XX	XX	XX	XX	XX	XX	XX
Delaware .....	5	17	XX	XX	XX	XX	XX	XX	XX
Des Moines .....	7	13	XX	XX	XX	XX	XX	XX	XX
Dickinson .....	4	3	XX	XX	XX	XX	XX	XX	XX
Dubuque .....	16	50	XX	XX	XX	XX	XX	XX	XX
Emmet .....	3	5	XX	XX	XX	XX	XX	XX	XX
Fremont .....	4	(D)	XX	XX	XX	XX	XX	XX	XX
Guthrie .....	6	32	XX	XX	XX	XX	XX	XX	XX
Hardin .....	6	54	XX	XX	XX	XX	XX	XX	XX
Harrison .....	8	223	XX	XX	XX	XX	XX	XX	XX
Henry .....	7	10	XX	XX	XX	XX	XX	XX	XX
Iowa .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Jackson .....	7	42	XX	XX	XX	XX	XX	XX	XX
Jasper .....	15	69	XX	XX	XX	XX	XX	XX	XX
Jefferson .....	7	12	XX	XX	XX	XX	XX	XX	XX
Johnson .....	38	149	XX	XX	XX	XX	XX	XX	XX
Jones .....	5	10	XX	XX	XX	XX	XX	XX	XX
Keokuk .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Kossuth .....	4	5	XX	XX	XX	XX	XX	XX	XX
Lee .....	8	46	XX	XX	XX	XX	XX	XX	XX
Linn .....	20	70	XX	XX	XX	XX	XX	XX	XX
Louisa .....	5	62	XX	XX	XX	XX	XX	XX	XX
Lucas .....	4	9	XX	XX	XX	XX	XX	XX	XX
Madison .....	13	143	XX	XX	XX	XX	XX	XX	XX
Mahaska .....	4	6	XX	XX	XX	XX	XX	XX	XX
Marion .....	8	96	XX	XX	XX	XX	XX	XX	XX
Marshall .....	4	8	XX	XX	XX	XX	XX	XX	XX
Mills .....	6	(D)	XX	XX	XX	XX	XX	XX	XX
Monroe .....	3	29	XX	XX	XX	XX	XX	XX	XX
Muscatine .....	10	29	XX	XX	XX	XX	XX	XX	XX
Palo Alto .....	3	17	XX	XX	XX	XX	XX	XX	XX
Plymouth .....	5	10	XX	XX	XX	XX	XX	XX	XX
Polk .....	11	71	XX	XX	XX	XX	XX	XX	XX
Pottawattamie .....	11	95	XX	XX	XX	XX	XX	XX	XX
Poweshiek .....	3	(D)	XX	XX	XX	XX	XX	XX	XX
Scott .....	13	36	XX	XX	XX	XX	XX	XX	XX
Shelby .....	4	(D)	XX	XX	XX	XX	XX	XX	XX
Story .....	11	47	XX	XX	XX	XX	XX	XX	XX
Tama .....	8	56	XX	XX	XX	XX	XX	XX	XX
Van Buren .....	5	22	XX	XX	XX	XX	XX	XX	XX
Wapello .....	9	12	XX	XX	XX	XX	XX	XX	XX
Warren .....	10	(D)	XX	XX	XX	XX	XX	XX	XX
Washington .....	17	31	XX	XX	XX	XX	XX	XX	XX
Winneshiek .....	7	23	XX	XX	XX	XX	XX	XX	XX
Woodbury .....	9	23	XX	XX	XX	XX	XX	XX	XX
All other counties .....	40	183	XX	XX	XX	XX	XX	XX	XX
<b>APPLES</b>									
<b>State Total</b>									
Iowa ----- 1987..	458	2 488	240 640	294	93 047	393	147 593	292	11 270 927
1982..	439	2 308	203 513	304	66 425	364	137 088	255	13 202 503
<b>Counties, 1987</b>									
Allamakee .....	4	7	(D)	2	(D)	4	225	2	(D)
Appanoose .....	6	13	(D)	2	(D)	6	(D)	5	(D)
Benton .....	8	75	(D)	4	(D)	8	1 198	6	(D)
Black Hawk .....	8	14	1 073	6	674	7	399	6	27 310
Boone .....	3	2	(D)	2	(D)	1	(D)	-	(D)
Buchanan .....	3	(D)	218	3	(D)	3	(D)	1	(D)
Cass .....	3	(D)	(D)	3	(D)	3	(D)	1	(D)
Cedar .....	8	19	1 997	5	(D)	7	(D)	7	(D)
Cerro Gordo .....	4	(D)	198	2	(D)	3	(D)	3	5 100
Chickasaw .....	3	(D)	(D)	3	(D)	3	(D)	2	(D)

Table 28. **Fruits and Nuts: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested		
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds	
<b>APPLES—Con.</b>										
<b>Counties, 1987—Con.</b>										
Clay .....	4	11	(D)	2	(D)	3	(D)	-	-	
Clayton .....	5	(D)	3 209	4	(D)	4	(D)	3	52 534	
Clinton .....	9	35	6 589	5	(D)	7	(D)	7	107 808	
Crawford .....	3	10	1 195	3	(D)	1	(D)	-	-	
Dallas .....	15	57	3 478	12	(D)	11	(D)	7	(D)	
Davis .....	5	3	210	3	(D)	4	(D)	2	(D)	
Decatur .....	9	64	3 515	3	(D)	8	(D)	6	272 400	
Delaware .....	4	12	(D)	4	385	4	(D)	4	(D)	
Des Moines .....	7	12	911	6	145	7	766	6	50 124	
Dickinson .....	4	3	154	1	(D)	4	(D)	2	(D)	
Dubuque .....	11	46	3 862	4	(D)	11	(D)	9	94 348	
Emmet .....	3	5	296	2	(D)	3	(D)	3	(D)	
Fremont .....	3	(D)	(D)	3	(D)	3	(D)	3	(D)	
Guthrie .....	4	(D)	1 050	1	(D)	4	(D)	4	52 900	
Hardin .....	6	(D)	6 506	5	1 773	5	4 733	4	138 350	
Harrison .....	8	(D)	18 194	7	4 647	7	13 547	7	799 200	
Henry .....	5	2	83	3	34	5	49	2	(D)	
Iowa .....	3	(Z)	28	2	(D)	1	(D)	1	(D)	
Jackson .....	7	41	3 516	4	(D)	5	(D)	5	224 250	
Jasper .....	12	50	4 022	10	863	11	3 159	9	(D)	
Jefferson .....	7	10	1 056	2	(D)	7	(D)	5	2 560	
Johnson .....	35	123	11 289	19	4 692	32	6 597	29	543 940	
Jones .....	4	9	(D)	1	(D)	4	(D)	4	(D)	
Keokuk .....	3	(D)	(D)	2	(D)	3	(D)	3	(D)	
Kossuth .....	4	3	35	4	21	4	14	3	1 240	
Lee .....	7	39	1 395	5	246	6	1 149	6	(D)	
Linn .....	18	65	6 310	11	1 919	17	4 391	16	798 094	
Louisa .....	5	62	10 630	5	4 657	5	5 973	4	483 000	
Lucas .....	4	3	261	4	(D)	2	(D)	-	-	
Madison .....	13	137	11 014	3	(D)	12	(D)	7	332 450	
Marion .....	6	(D)	7 574	4	3 664	6	3 910	4	(D)	
Mills .....	5	(D)	284	4	(D)	5	(D)	5	9 540	
Monroe .....	3	(D)	(D)	3	(D)	2	(D)	2	(D)	
Muscatine .....	8	24	1 600	6	(D)	8	(D)	6	43 519	
Palo Alto .....	3	17	1 565	-	-	3	1 565	3	10 200	
Plymouth .....	5	(D)	628	2	(D)	4	(D)	3	6 540	
Polk .....	10	69	(D)	3	(D)	10	(D)	4	(D)	
Pottawattamie .....	11	92	(D)	3	(D)	10	(D)	9	(D)	
Poweshiek .....	3	5	114	1	(D)	3	(D)	3	5 250	
Scott .....	9	19	804	4	123	8	681	6	(D)	
Shelby .....	4	(D)	(D)	3	(D)	4	(D)	2	(D)	
Story .....	10	42	5 298	4	(D)	9	(D)	4	(D)	
Tama .....	7	50	(D)	6	762	5	(D)	5	(D)	
Van Buren .....	5	19	(D)	5	(D)	5	276	3	(D)	
Wapello .....	8	9	761	8	725	3	36	3	(D)	
Warren .....	10	(D)	(D)	6	(D)	9	(D)	6	(D)	
Washington .....	15	23	2 042	12	492	14	1 550	8	41 445	
Winneshiek .....	6	22	1 680	4	240	6	1 440	2	(D)	
Woodbury .....	9	21	979	9	786	7	193	5	(D)	
All other counties .....	44	181	12 686	35	6 829	29	5 857	15	1 304 815	
<b>APRICOTS</b>										
<b>State Total</b>										
Iowa .....	1987	30	11	560	22	154	18	406	8	2 189
	1982	39	7	282	32	119	26	163	6	327
<b>CHERRIES, TOTAL (SEE TEXT)</b>										
<b>State Total</b>										
Iowa .....	1987	77	29	1 882	49	1 090	63	792	41	18 728
	1982	98	35	1 422	64	413	69	1 009	41	19 970
<b>GRAPES (SEE TEXT) (FRESH WEIGHT)</b>										
<b>State Total</b>										
Iowa .....	1987	169	67	26 637	113	6 398	154	20 239	87	81 967
	1982	100	41	15 747	78	6 782	79	8 965	43	10 247

**Table 28. Fruits and Nuts: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
<b>GRAPES (SEE TEXT) (FRESH WEIGHT)—Con.</b>									
<b>Counties, 1987</b>									
Allamakee .....	3	1	46	-	-	3	46	2	(D)
Appanoose .....	3	(D)	(D)	3	75	2	(D)	-	-
Clinton .....	3	1	(D)	1	(D)	3	(D)	2	(D)
Dallas .....	3	(Z)	61	3	(D)	2	(D)	-	-
Delaware .....	3	(D)	(D)	3	(D)	3	(D)	3	(D)
Dubuque .....	9	3	1 632	3	(D)	9	(D)	9	7 860
Henry .....	4	1	(D)	2	(D)	4	(D)	2	(D)
Iowa .....	3	(Z)	(D)	2	(D)	3	(D)	1	(D)
Jasper .....	5	4	1 165	4	135	5	1 030	3	560
Jefferson .....	4	1	168	1	(D)	4	(D)	4	702
Johnson .....	19	5	1 877	10	205	19	1 672	13	5 278
Kossuth .....	3	1	69	3	17	3	52	2	(D)
Linn .....	5	2	(D)	3	(D)	3	(D)	2	(D)
Madison .....	4	(Z)	77	1	(D)	4	(D)	-	-
Mills .....	4	(Z)	36	2	(D)	4	(D)	2	(D)
Muscatine .....	4	3	1 125	4	125	4	1 000	2	(D)
Polk .....	5	1	572	5	80	5	492	3	(D)
Scott .....	5	9	6 245	5	(D)	4	(D)	2	(D)
Story .....	4	(Z)	106	3	13	4	93	1	(D)
Tama .....	5	(D)	585	4	42	4	543	2	(D)
Van Buren .....	3	1	(D)	3	(D)	3	(D)	1	(D)
Wapello .....	6	1	268	4	33	6	235	4	734
Washington .....	6	2	548	4	62	6	486	4	375
Winneshiek .....	3	(D)	(D)	3	22	1	(D)	1	(D)
All other counties .....	53	22	8 639	37	1 634	46	7 005	22	4 589
<b>PEACHES</b>									
<b>State Total</b>									
Iowa .....	114	41	2 609	76	631	86	1 978	48	39 388
1982 .....	120	49	3 613	101	2 238	63	1 375	9	(D)
<b>PEARS</b>									
<b>State Total</b>									
Iowa .....	70	19	870	45	242	51	628	33	22 041
1982 .....	97	38	1 517	69	718	54	799	32	11 090
<b>PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)</b>									
<b>State Total</b>									
Iowa .....	50	15	760	35	273	36	487	20	2 665
1982 .....	75	19	906	53	356	49	550	23	7 325
<b>OTHER FRUITS AND NUTS (SEE TEXT)</b>									
<b>State Total</b>									
Iowa .....	38	40	3 247	25	1 839	31	1 408	16	17 826
1982 .....	17	14	998	11	879	12	119	5	(D)

**Table 29. Berries Harvested for Sale: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>BERRIES</b>										
<b>State Total</b>										
Iowa.....	222	467	(X)	70	214	161	251	(X)	25	83
<b>BLACKBERRIES (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	8	8	5 417	-	-	3	(D)	350	-	-
<b>RASPBERRIES (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	73	60	106 923	21	20	44	22	23 855	3	(D)
<b>STRAWBERRIES (POUNDS)</b>										
<b>State Total</b>										
Iowa.....	188	394	999 553	63	190	135	228	747 755	23	(D)
<b>Counties</b>										
Black Hawk .....	7	(D)	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan .....	6	3	14 135	-	-	5	(D)	385	1	(D)
Cerro Gordo .....	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw .....	5	(D)	4 780	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton .....	3	(D)	7 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas .....	5	(D)	40 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis .....	4	2	5 800	-	-	4	1	(D)	-	-
Delaware .....	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin .....	3	(D)	18 292	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Henry.....	3	3	6 500	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson .....	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper .....	6	11	(D)	2	(D)	3	(D)	(D)	1	(D)
Johnson .....	15	15	61 220	5	(D)	7	7	15 083	-	-
Lee .....	5	5	11 500	2	(D)	9	(D)	58 754	-	-
Linn .....	6	9	(D)	2	(D)	7	6	5 441	1	(D)
Madison .....	4	(D)	4 100	3	5	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine .....	4	(D)	(D)	-	-	3	(D)	(D)	1	(D)
Pottawattamie .....	3	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott .....	10	34	81 757	4	23	6	(D)	127 556	3	(D)
Story .....	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren .....	4	(D)	8 100	-	-	6	1	5 500	-	-
Warren .....	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek .....	5	(D)	2 140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties .....	75	174	453 852	27	72	(NA)	(NA)	(NA)	(NA)	(NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
<b>NURSERY AND GREENHOUSE CROPS (SEE TEXT)</b>								
<b>State Total</b>								
Iowa.....	357	4 518 800	5 007	38 241	333	2 985 061	5 459	34 954
<b>Counties</b>								
Allamakee.....	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Black Hawk.....	11	302 600	117	2 069	10	135 860	78	1 536
Boone.....	6	207 966	7	(D)	6	(D)	(D)	1 021
Buchanan.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Buena Vista.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo.....	3	(D)	(D)	(D)	4	(D)	(D)	(D)
Chickasaw.....	3	(D)	(D)	7	(NA)	(NA)	(NA)	(NA)
Clarke.....	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Clayton.....	7	(D)	(D)	61	4	(D)	(D)	(D)
Clinton.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Dallas.....	7	(D)	(D)	819	9	(D)	(D)	244
Des Moines.....	5	(D)	(D)	(D)	3	(D)	(D)	(D)
Dickinson.....	8	(D)	(D)	184	5	(D)	(D)	202
Dubuque.....	8	(D)	(D)	334	8	(D)	(D)	177
Fayette.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Floyd.....	5	(D)	(D)	(D)	3	(D)	(D)	(D)
Guthrie.....	4	(D)	(D)	(D)	4	(D)	(D)	(D)
Hamilton.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hardin.....	4	(D)	(D)	345	4	(D)	(D)	(D)
Harrison.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Jasper.....	5	(D)	(D)	44	4	(D)	(D)	94
Johnson.....	11	36 722	94	190	6	(D)	(D)	72
Jones.....	5	(D)	(D)	20	5	(D)	(D)	(D)
Lee.....	3	(D)	(D)	363	5	(D)	(D)	(D)
Linn.....	26	137 566	235	1 418	22	86 200	219	1 438
Lyon.....	3	(D)	(D)	14	4	(D)	(D)	2
Madison.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Mahaska.....	3	(D)	(D)	(D)	7	(D)	(D)	(D)
Marion.....	9	(D)	(D)	1 723	5	(D)	(D)	1 541
Marshall.....	8	(D)	(D)	1 249	8	(D)	(D)	935
Mills.....	4	(D)	(D)	18	4	(D)	(D)	26
Mitchell.....	3	(D)	(D)	(D)	5	(D)	(D)	37
Muscatine.....	8	(D)	(D)	268	4	(D)	(D)	(D)
Osceola.....	3	37 088	5	(D)	(NA)	(NA)	(NA)	(NA)
Page.....	4	(D)	(D)	(D)	4	(D)	(D)	(D)
Plymouth.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Folk.....	23	284 856	506	2 552	24	133 080	(D)	1 294
Pottawattamie.....	13	436 906	43	1 775	17	191 460	92	918
Scott.....	13	(D)	(D)	1 582	16	83 150	738	1 146
Shelby.....	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Story.....	10	(D)	(D)	(D)	6	(D)	(D)	575
Tama.....	4	(D)	(D)	8	(NA)	(NA)	(NA)	(NA)
Van Buren.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Wapello.....	4	(D)	(D)	146	5	(D)	(D)	100
Warren.....	7	(D)	(D)	188	10	(D)	(D)	202
Webster.....	6	(D)	(D)	211	3	(D)	(D)	(D)
Winnebago.....	3	(D)	(D)	(D)	4	(D)	(D)	44
Woodbury.....	6	128 000	5	554	5	(D)	(D)	342
All other counties.....	63	1 144 104	155	6 238	(NA)	(NA)	(NA)	(NA)
<b>NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)</b>								
<b>State Total</b>								
Iowa.....	49	(X)	2 463	(X)	37	(X)	2 232	(X)
<b>BEDDING PLANTS</b>								
<b>State Total</b>								
Iowa.....	174	2 191 065	63	10 241	147	1 548 394	34	6 616
<b>Counties</b>								
Black Hawk.....	7	114 300	(D)	656	3	38 860	(D)	(D)
Boone.....	4	86 552	(D)	(D)	4	53 180	(D)	241
Clayton.....	4	(D)	(D)	(D)	3	2 864	(D)	(D)
Clinton.....	3	22 500	(D)	115	(NA)	(NA)	(NA)	(NA)
Dickinson.....	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Dubuque.....	4	(D)	(D)	92	4	(D)	(D)	(D)
Hardin.....	4	(D)	(D)	(D)	4	(D)	(D)	(D)
Jasper.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Johnson.....	5	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Jones.....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)

**Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
<b>BEDDING PLANTS—Con.</b>								
<b>Counties—Con.</b>								
Linn .....	10	61 212	(D)	140	8	(D)	-	382
Marshall .....	6	98 920	(D)	590	4	(D)	-	(D)
Muscatine .....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth .....	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Polk .....	7	136 344	(D)	840	4	68 980	(D)	(D)
Pottawattamie .....	7	289 410	(D)	1 093	9	129 960	(D)	591
Scott .....	6	44 530	(D)	(D)	6	72 850	(D)	228
Story .....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Webster .....	6	23 952	-	134	3	(D)	-	(D)
Woodbury .....	3	99 000	-	460	3	(D)	-	(D)
All other counties .....	79	844 643	48	3 903	(NA)	(NA)	(NA)	(NA)
<b>CUT FLOWERS AND CUT FLORIST GREENS</b>								
<b>State Total</b>								
Iowa .....	36	278 726	23	1 352	32	254 872	18	939
<b>FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL</b>								
<b>State Total</b>								
Iowa .....	86	1 611 471	6	9 649	70	1 008 016	(D)	7 867
<b>Counties</b>								
Black Hawk .....	5	177 400	(D)	991	(NA)	(NA)	(NA)	(NA)
Boone .....	3	(D)	-	(D)	3	(D)	-	(D)
Linn .....	8	61 744	(D)	401	4	59 781	-	(D)
Marion .....	3	145 100	-	(D)	4	(D)	(D)	(D)
Marshall .....	3	(D)	-	(D)	4	(D)	(D)	(D)
Polk .....	6	(D)	-	630	5	(D)	(D)	488
Pottawattamie .....	5	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Webster .....	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	50	779 337	3	4 346	(NA)	(NA)	(NA)	(NA)
<b>FOLIAGE PLANTS</b>								
<b>State Total</b>								
Iowa .....	34	232 247	(D)	2 310	(NA)	(NA)	(NA)	(NA)
<b>POTTED FLOWERING PLANTS</b>								
<b>State Total</b>								
Iowa .....	67	1 379 224	(D)	7 338	(NA)	(NA)	(NA)	(NA)
<b>NURSERY CROPS</b>								
<b>State Total</b>								
Iowa .....	123	308 350	3 159	13 599	139	73 847	4 036	17 978
<b>Counties</b>								
Black Hawk .....	3	(D)	(D)	(D)	5	(D)	(D)	(D)
Dallas .....	3	-	(D)	67	3	-	18	40
Floyd .....	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Guthrie .....	3	-	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Johnson .....	5	(D)	(D)	78	4	-	(D)	(D)
Linn .....	7	-	41	(D)	8	-	149	240
Marion .....	4	-	(D)	165	(NA)	(NA)	(NA)	(NA)
Muscatine .....	5	-	(D)	130	3	-	(D)	(D)
Polk .....	12	-	(D)	332	13	(D)	65	134
Pottawattamie .....	3	-	(D)	(D)	7	(D)	61	183
Scott .....	4	(D)	66	341	9	(D)	106	286
Shelby .....	3	-	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Story .....	6	(D)	124	(D)	4	-	27	(D)
Van Buren .....	3	-	8	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury .....	3	-	5	(D)	(NA)	(NA)	(NA)	(NA)
All other counties .....	56	258 640	2 055	8 507	(NA)	(NA)	(NA)	(NA)
<b>SOD HARVESTED</b>								
<b>State Total</b>								
Iowa .....	34	(X)	1 753	2 498	41	(X)	1 311	1 342

**Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales (\$1,000)
<b>VEGETABLE AND FLOWER SEEDS</b>								
<b>State Total</b>								
Iowa.....	5	2 846	(D)	6	4	(D)	-	(D)
<b>GREENHOUSE VEGETABLES</b>								
<b>State Total</b>								
Iowa.....	19	82 292	(X)	251	8	53 607	(X)	97

**Table 31. Other Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN CUT FOR DRY FODDER, HOGGED OR GRAZED</b>										
<b>State Total</b>										
Iowa.....	8	142	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
<b>OTHER</b>										
<b>State Total</b>										
Iowa.....	21	127	(X)	-	-	5	108	(X)	-	-

**Table 32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by value of sales						
	Farms	Acres	Farms	Acres		Occupation farming			Occupation other than farming			
						Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	
<b>STATE TOTAL</b>												
Iowa..... 1987..	124	28 195	112	17 716	5 673	4	6	66	23	8	17	
Iowa..... 1982..	158	37 955	144	28 136	10 253	2	11	90	17	20	18	
<b>COUNTIES, 1987</b>												
Adams.....	3	396	3	251	57	-	-	1	2	-	-	
Audubon.....	3	122	-	-	29	-	-	1	2	-	-	
Benton.....	3	347	3	293	62	-	-	1	-	-	2	
Buchanan.....	4	1 769	4	1 599	361	-	-	3	-	-	1	
Buena Vista.....	4	950	4	700	225	-	-	2	2	-	-	
Clinton.....	3	602	3	328	115	-	-	3	-	-	1	
Crawford.....	3	1 697	2	(D)	170	-	-	1	2	-	-	
Lee.....	3	206	2	(D)	15	-	-	1	-	2	-	
Linn.....	5	1 058	5	574	172	1	-	1	-	2	1	
Marion.....	5	1 207	4	540	409	1	-	3	1	-	-	
Pocahontas.....	4	1 360	4	1 194	379	-	-	2	-	-	2	
Scott.....	3	53	3	45	10	-	-	-	1	2	-	
Sioux.....	5	722	4	425	91	-	2	1	-	-	2	
Tama.....	5	1 364	5	817	176	-	-	5	-	-	-	
Taylor.....	3	2 191	3	792	245	-	1	2	-	-	-	
Winneshiek.....	4	844	4	624	160	-	-	4	-	-	-	
All other counties.....	64	13 307	59	8 538	2 999	2	3	34	13	4	8	

**Table 33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text.]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
<b>STATE TOTAL</b>									
Iowa ----- 1987--	64	7 799	4 185	25	10 127	6 250	35	10 269	7 281
----- 1982--	74	9 899	6 316	54	21 666	16 604	30	6 390	5 216
<b>COUNTIES, 1987</b>									
Buena Vista -----	-	-	-	1	(D)	(D)	3	(D)	(D)
Linn -----	5	1 058	574	-	-	-	-	-	-
Marion -----	2	(D)	(D)	3	(D)	(D)	-	-	-
Sioux -----	4	(D)	(D)	1	(D)	(D)	-	-	-
All other counties -----	53	6 312	3 514	20	8 007	4 992	32	9 939	6 971

**Table 34. Operators by Selected Racial Groups: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text.]

Geographic area	All farms		Farms with sales of \$10,000 or more <sup>1</sup>	
	Farms	Land in farms	Farms	Land in farms
<b>BLACK</b>				
<b>State Total</b>				
Iowa ----- 1987--	47	13 574	35	13 107
----- 1982--	93	25 450	69	23 367
<b>Counties, 1987</b>				
Adams -----	3	396	1	(D)
Buchanan -----	3	(D)	3	(D)
Lee -----	3	206	1	(D)
Pocahontas -----	4	1 360	4	1 360
Scott -----	3	53	-	-
All other counties -----	31	(D)	26	10 388
<b>AMERICAN INDIAN</b>				
<b>State Total</b>				
Iowa ----- 1987--	42	7 073	23	5 966
----- 1982--	46	9 451	29	8 806
<b>Counties, 1987</b>				
Buena Vista -----	3	(D)	1	(D)
Sioux -----	3	(D)	3	(D)
All other counties -----	36	6 095	19	5 018
<b>ASIAN OR PACIFIC ISLANDER</b>				
<b>State Total</b>				
Iowa ----- 1987--	15	2 426	9	2 266
----- 1982--	10	539	3	(D)
<b>Counties, 1987</b>				
Linn -----	3	(D)	1	(D)
All other counties -----	12	1 826	8	1 736
<b>OTHER RACES (SEE TEXT)</b>				
<b>State Total</b>				
Iowa ----- 1987--	20	5 122	16	4 999
----- 1982--	9	2 515	7	(D)

<sup>1</sup>Data for 1982 exclude abnormal farms.

**Table 35. Operators of Spanish Origin: 1987 and 1982**

[For classification of Spanish origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of \$10,000 or more <sup>1</sup>	
	Farms	Land in farms	Farms	Land in farms
<b>STATE TOTAL</b>				
Iowa.....	105	33 851	82	31 873
.....1987	138	42 269	108	40 824
.....1982				
<b>COUNTIES, 1987</b>				
Buena Vista .....	4	1 659	4	1 659
Cherokee .....	3	(D)	3	(D)
Chickasaw .....	3	243	2	(D)
Harrison .....	4	1 337	2	(D)
Johnson .....	3	1 061	3	1 061
Marion .....	4	(D)	4	(D)
Monroe .....	3	5 748	1	(D)
Montgomery .....	3	162	1	(D)
Pocahontas .....	3	480	3	480
Pottawattamie .....	3	1 752	2	(D)
Sioux .....	7	597	6	(D)
All other counties .....	65	18 855	51	17 476

<sup>1</sup>Data for 1982 exclude abnormal farms.

**Table 36. Farms With Grazing Permits: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Farms by land in farms						Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other
<b>Iowa .....</b>	<b>225</b>	<b>74 792</b>	<b>72</b>	<b>68</b>	<b>55</b>	<b>20</b>	<b>7</b>	<b>3</b>	<b>19</b>	<b>22</b>	<b>13</b>	<b>193</b>
Allamakee .....	4	811	1	2	1	-	-	-	-	-	-	4
Boone .....	3	1 018	1	-	1	1	-	-	-	1	1	3
Buchanan .....	7	383	5	2	-	-	-	-	3	2	-	5
Chickasaw .....	5	1 270	-	4	-	1	-	-	-	-	-	5
Clayton .....	12	3 034	3	4	3	2	-	-	2	3	1	9
Crawford .....	4	2 156	1	-	-	3	-	-	-	-	-	4
Davis .....	4	684	-	4	-	-	-	-	-	-	-	4
Delaware .....	6	1 496	1	2	2	1	-	-	-	-	1	5
Dubuque .....	10	3 115	1	4	3	2	-	-	-	1	1	8
Fayette .....	8	3 009	4	1	1	-	2	-	1	-	-	7
Fremont .....	3	3 898	1	-	-	-	1	1	1	-	-	2
Harrison .....	3	181	2	1	-	-	-	-	-	-	-	3
Henry .....	5	1 524	2	-	1	2	-	-	-	-	-	5
Iowa .....	5	453	1	4	-	-	-	-	-	2	-	3
Jackson .....	9	1 637	4	2	3	-	-	-	-	-	-	9
Jasper .....	6	911	3	1	2	-	-	-	1	2	1	5
Jefferson .....	5	1 548	1	3	-	1	-	-	-	-	-	5
Johnson .....	6	443	4	1	1	-	-	-	-	-	-	6
Keokuk .....	3	910	2	-	-	1	-	-	-	-	-	3
Lyon .....	3	660	-	2	1	-	-	-	-	-	-	3
Mitchell .....	3	319	1	2	-	-	-	-	-	-	-	3
Page .....	3	399	1	1	1	-	-	-	-	-	-	3
Plymouth .....	6	948	2	3	1	-	-	-	2	-	-	4
Scott .....	4	142	3	1	-	-	-	-	-	-	-	4
Tama .....	5	626	3	1	1	-	-	-	1	2	1	2
Union .....	3	1 502	-	-	2	1	-	-	-	-	-	3
Van Buren .....	4	1 246	-	2	2	-	-	-	-	-	-	4
Wapello .....	4	1 320	-	-	4	-	-	-	-	2	2	4
Warren .....	5	560	3	1	1	-	-	-	2	1	1	4
Washington .....	5	1 476	-	2	3	-	-	-	-	-	-	5
Winneshiek .....	9	1 782	1	6	2	-	-	-	-	-	1	8
All other counties .....	63	35 331	21	12	19	5	4	2	5	6	3	55

# APPENDIX A.

## General Explanation

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### DATA COLLECTION

#### Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

#### Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

#### Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms.

The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

#### Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

## Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

## DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

## MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

- Income from farm-related sources
- Acres under the Conservation Reserve Program
- Payments received for participation in federal farm programs
- Grazing permits by source

Additional data on production expenses were added in 1987:

- Repair and maintenance expenses
- Cash rent
- Property taxes paid
- All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

- Storage capacity for petroleum products
- Number of hired farm and ranch workers
- Value of agricultural products sold directly to individuals for human consumption
- Source of irrigation water
- Tons of commercially mixed feed
- Expenditures for coal, wood, and coke
- Selected machinery items: automobiles, corn heads for combines, and field forage harvesters
- Chinchillas
- Worms
- Tropical and baitfish

## FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling \$2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and non-farms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

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

Cattle and calves-	-----farms--	842
	number--	28,594

**Land in farms**—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

**Land area**—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

**Land in two or more counties**—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

**Value of land and buildings**—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

**Harvested cropland**—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

**Cropland used only for pasture or grazing**—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

**Other cropland**—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

**Total woodland**—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

**Woodland pastured**—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

**Cropland in annual commodity acreage adjustment programs**—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

**Cropland in the Conservation Reserve Program (CRP)**—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

**Irrigated land**—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

**Operator**—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

**Operator characteristics**—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

**Farm production expenses**—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing custom-work for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

**Commercial fertilizer**—The expense for commercial fertilizer is the amount spent on fertilizer during 1987

including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

**Agricultural chemicals**—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

**Customwork, machine hire, and rental of machinery and equipment**—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

**Interest**—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

**Market value of agricultural products sold**—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

**Government payments**—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

**Other farm-related income**—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

**Customwork and other agricultural services**—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

**Rental of farmland**—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

**Sales of forest products**—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

**Other farm-related income sources**—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

**Commodity Credit Corporations loans**—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

**Agricultural chemicals used, including fertilizer and lime**—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

**Fish and other aquacultural products**—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

**Bees and honey**—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

**Citrus enumeration**—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

**Crop year or season covered**—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

**Citrus fruits**—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

**Avocados**—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

**Olives**—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

**Vegetables**—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

**Sugarcane for sugar**—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

**Pineapples**—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

**Coffee**—The data for Hawaii relate to the 1986-87 crop.

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

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

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

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

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

**Land in orchards**—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

**Crop units of measure**—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

**Write-in crops**—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

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

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

## "See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

**Data are based on a sample of farms**—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

**Operators of Spanish origin**—No imputation was made for those not responding to the question on Spanish origin.

**Farms operated by Black and other races**—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

**All other races**—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

**Total sales**—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

**Farms with sales of less than \$1,000**—This category includes all farms with actual sales of less than \$1,000, but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

**Net cash return from agricultural sales for the farm unit**—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by

partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

**Other livestock and livestock products**—This category includes all livestock and livestock products not listed separately.

**Value of livestock and poultry on farms**—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

**Poultry hatched**—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

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

**Tame hay other than alfalfa, small grain, and wild hay**—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

**Grapes**—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

**Plums and prunes**—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

**Cherries**—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional

forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

**Other fruits and nuts**—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

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

**Vegetables harvested for sale**—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

**Nursery and greenhouse crops grown for sale**—These data are a summation of the individual items reported. All of the individual items may not be shown.

**Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated**—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

**Other grains**—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

**Value of crop production**—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

## FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

**Farms by value of agricultural products sold or value of sales**— In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category “farms with sales of less than \$1,000” included all farms with actual sales of less than \$1,000 but having the production potential for sales of \$1,000 or more. These farms normally could be expected to sell \$1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between \$10,000 and \$49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of \$10,000 to \$24,999 and \$25,000 to \$49,999.

**Abnormal farms**—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

**Farms by tenure of operator**—The classifications of tenure used in the 1987 census were:

**Full owners**, who operate only land they own.

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

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

**Farms by type of organization**—All farms were classified by type of organization in the 1987 census. The classifications used were:

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

**Partnership**, including family partnership.

**Corporation**, including family corporation.

**Other, cooperative, estate or trust, institutional, etc.**

Corporations were subclassified by two additional characteristics into:

1. Family held  
Other than family held
2. More than 10 stockholders  
10 or less stockholders

**Farms by age and principal occupation of operator**—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

**Farming**—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

**Other**—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

**Farms by size**—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

**Farms by standard industrial classification**—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual<sup>1</sup>, are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

<sup>1</sup>Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

**Cash grains (011)**—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

**Cotton (0131)**—Cotton and cottonseed.

**Tobacco (0132)**—Tobacco.

**Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)**—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

**Vegetables and melons (016)**—Vegetables and melons grown in the open.

**Fruits and tree nuts (017)**—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

**Horticultural specialties (018)**—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

**General farms, primarily crops (019)**—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

**Livestock, except dairy, poultry, and animal specialties (021)**—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

**Beef cattle, except feedlots (0212)**—Production or feeding of beef cattle, except feedlots.

**Dairy farms (024)**—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

**Poultry and eggs (025)**—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

**Animal specialties (027)**—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

**General farms, primarily livestock and animal specialties (029)**—Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

# APPENDIX B.

## Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of \$1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more "whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

### Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
<b>Iowa</b> .....	<b>1 877</b>	<b>227 024</b>	<b>162 714</b>	<b>8 050</b>	<b>3 643 158</b>	<b>697 896</b>
Adair .....	20	3 129	2 374	86	43 619	9 058
Adams .....	18	2 920	1 835	118	48 015	15 191
Allamakee .....	30	5 391	3 014	135	50 592	13 410
Appanoose .....	15	1 984	1 592	117	48 528	8 099
Audubon .....	32	3 891	3 226	109	47 120	13 238
Benton .....	8	785	540	50	18 835	3 168
Black Hawk .....	9	1 497	1 020	22	8 952	1 154
Boone .....	8	693	241	54	28 927	2 765
Bremer .....	14	952	664	50	13 221	1 820
Buchanan .....	8	789	328	37	9 746	1 369
Buena Vista .....	7	580	290	58	25 354	2 137
Butler .....	23	2 267	1 635	104	38 112	7 125
Calhoun .....	5	1 343	1 335	43	17 435	1 639
Carroll .....	3	365	313	39	20 435	4 372
Cass .....	13	1 538	1 247	64	35 726	6 495
Cedar .....	14	1 744	1 296	53	28 334	5 572
Cerro Gordo .....	24	2 245	1 829	77	37 862	4 482
Cherokee .....	6	308	236	34	17 428	2 425
Chickasaw .....	25	2 070	1 411	105	34 342	7 711
Clarke .....	14	1 968	1 178	118	61 656	12 782
Clay .....	13	1 244	1 107	84	42 622	4 859
Clayton .....	56	8 542	5 191	189	65 934	17 804
Clinton .....	32	3 633	2 781	93	34 355	8 042
Crawford .....	9	1 013	943	82	45 365	13 043
Dallas .....	28	2 593	1 762	94	39 267	5 026
Davis .....	35	4 012	2 854	124	65 250	16 624
Decatur .....	30	4 346	2 710	118	58 772	12 940
Delaware .....	11	1 530	630	73	26 057	4 644
Des Moines .....	6	839	362	41	22 442	3 042
Dickinson .....	23	2 097	1 824	93	38 922	4 986
Dubuque .....	32	4 313	3 343	88	23 155	6 240
Emmet .....	10	1 238	1 088	62	29 171	4 343
Fayette .....	29	3 060	1 885	119	40 596	9 331
Floyd .....	23	1 885	1 421	118	54 263	6 964
Franklin .....	13	2 006	1 850	80	40 591	4 458
Fremont .....	13	2 345	1 857	49	32 925	5 284
Greene .....	7	364	278	46	27 379	2 101
Guthrie .....	31	4 434	3 317	102	45 570	11 972
Hamilton .....	11	1 319	1 004	56	33 528	2 521
Hancock .....	9	766	739	87	37 207	4 365
Hardin .....	7	408	281	49	24 813	3 134
Harrison .....	17	2 602	1 780	64	33 164	5 189
Henry .....	18	1 610	808	55	18 533	3 704
Howard .....	34	3 555	3 173	150	59 099	12 476
Ida .....	7	563	470	44	22 338	4 420
Iowa .....	25	2 350	1 923	101	49 177	9 333
Jackson .....	35	6 057	3 858	114	38 666	10 403
Jasper .....	22	2 507	1 945	119	50 061	8 784

# Land in Conservation Reserve Program: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Jefferson .....	25	3 304	2 229	60	20 978	4 404
Johnson .....	16	1 017	755	54	19 572	4 204
Jones .....	22	3 157	2 258	72	31 719	8 255
Keokuk .....	32	2 700	1 898	128	56 425	12 054
Kossuth .....	26	2 501	2 387	106	61 011	4 858
Lee .....	12	937	426	56	23 524	3 658
Linn .....	17	1 831	1 303	65	29 387	3 689
Louisa .....	8	1 093	682	28	11 532	2 092
Lucas .....	22	2 334	1 497	111	53 975	9 878
Lyon .....	5	331	320	48	25 141	(D)
Madison .....	24	2 981	1 813	97	47 479	7 511
Mahaska .....	32	3 693	2 724	116	46 035	9 067
Marion .....	41	4 829	3 250	111	44 512	10 897
Marshall .....	36	4 140	3 368	136	63 763	14 535
Mills .....	19	1 836	1 240	31	15 425	3 384
Mitchell .....	14	763	639	110	44 956	6 387
Monona .....	15	1 968	1 470	67	49 910	8 293
Monroe .....	12	1 165	466	90	41 861	(D)
Montgomery .....	14	1 984	1 452	61	29 357	5 615
Muscatine .....	11	1 238	534	40	16 033	1 458
O'Brien .....	4	145	145	29	14 626	885
Osceola .....	3	129	123	34	25 127	1 876
Page .....	28	2 192	1 622	85	36 459	6 769
Palo Alto .....	27	3 310	2 169	125	58 659	8 240
Plymouth .....	19	2 165	1 729	98	46 893	10 821
Pocahontas .....	3	337	337	45	22 488	2 319
Polk .....	17	1 629	1 205	33	12 341	1 199
Pottawattamie .....	19	2 325	2 005	54	29 553	4 621
Poweshiek .....	30	3 708	3 099	115	46 828	9 697
Ringgold .....	29	4 155	3 136	145	77 820	20 626
Sac .....	3	523	411	49	26 098	2 832
Scott .....	6	369	103	14	6 031	846
Shelby .....	5	123	121	58	25 901	4 407
Sioux .....	6	881	806	49	24 481	5 310
Story .....	11	963	565	53	26 586	2 422
Tama .....	18	1 892	1 498	107	43 026	8 901
Taylor .....	41	6 768	5 344	151	77 351	21 865
Union .....	24	3 355	2 451	101	59 580	13 818
Van Buren .....	29	4 899	2 269	114	56 440	11 631
Wapello .....	30	2 543	1 125	65	25 288	5 214
Warren .....	23	2 249	1 415	76	25 620	4 698
Washington .....	16	2 316	1 807	64	26 872	4 845
Wayne .....	28	6 556	5 100	168	86 638	22 687
Webster .....	5	1 161	221	35	18 662	2 073
Winnebago .....	36	3 885	3 430	104	46 858	7 680
Winneshiek .....	45	5 657	4 135	188	55 414	15 776
Woodbury .....	45	7 376	5 733	145	80 739	22 359
Worth .....	29	2 853	2 250	118	50 321	7 798
Wright .....	9	732	575	50	30 396	3 468
All other counties .....	4	336	286	24	14 006	1 141

# APPENDIX C.

## Statistical Methodology

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### MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

### CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than \$20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

### CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation

procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

### Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Non-sampling Error.

Table A. **Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987**

Item	Percent of total
Farms -----number--	10.9
Land in farms -----acres--	7.9
Value of land and buildings -----\$1,000--	7.6
Market value of agricultural products sold --\$1,000--	5.7
Harvested cropland -----acres--	7.5
Corn for grain or seed-----acres--	7.1
Wheat for grain-----acres--	7.9
Livestock and poultry inventory:	
Cattle and calves -----number--	6.8
Hogs and pigs-----number--	5.7
Hens and pullets of laying age -----number--	2.2

### Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:

TVP	SIC	Acres
\$1 to \$999	01 All crops	0 to 69
\$1,000 to \$ 2,499	02 All live-stock	70 or more
\$2,500 to \$ 4,999		
\$5,000 to \$ 9,999		
\$10,000 to \$24,999		
\$25,000 to \$49,999		
\$50,000 to \$99,999		
\$100,000 or more		

The first step in the estimation procedure was to partition the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of the array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the ratio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times the mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calculate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied to expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, then the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the

farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

## CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item. These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

**Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25-----	7.2
50-----	5.0
75-----	4.0
100-----	3.5
150-----	2.7
200-----	2.3
300-----	1.8
500-----	1.2
750-----	.7
1,000-----	.2
1,500-----	.2
2,000-----	.2

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these

counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

**Table C. Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25-----	46.4
50-----	32.3
75-----	26.0
100-----	22.2
150-----	17.5
200-----	14.7
300-----	11.1
500-----	7.1
750-----	3.6
1,000-----	3.1
1,500-----	2.6
2,000-----	2.2

Note: Sample items are items in sections 23 to 28 of the report form.

Table D presents the relative standard error of selected State data items for all farms and for all farms with sales of \$10,000 or more. The percent relative standard error of the estimate for complete count data measures the variation associated with the sample-based adjustment for whole farm nonresponse. The percent relative standard error of the estimate for sample items measures both the sampling error due to the nonresponse sample estimation procedure and the census sample selection and estimation procedure. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table E presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

## CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error, classification error, and item imputation.

### Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of \$1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the

census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

### Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the State. The estimate of total farms in the State is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional rather than the State level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

### Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone

enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

### **Item Nonresponse**

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

### **Processing Error**

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

### **Classification Error**

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or non-farm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small

number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

## **EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE**

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses

of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that

the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

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Tables D through G follow.

**Table D. Reliability Estimates of State Totals: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms.....number.....	105 180	(Z)	82 631	(Z)
Land in farms.....acres.....	31 638 130	.1	30 158 199	.1
Average size of farm.....acres.....	301	.1	365	.1
Value of land and buildings <sup>1</sup> .....\$1,000.....	29 829 901	.4	28 285 406	.4
Average per farm.....dollars.....	283 597	.4	342 244	.4
Average per acre.....dollars.....	947	.5	942	.6
Estimated market value of all machinery and equipment <sup>1</sup> .....\$1,000.....	5 543 375	.5	5 242 462	.5
Average per farm.....dollars.....	52 844	.5	63 469	.6
<b>Farms by size:</b>				
1 to 9 acres.....farms.....	7 974	.4	3 645	.6
.....acres.....	23 461	.6	8 720	.8
10 to 49 acres.....farms.....	10 981	.3	2 449	.8
.....acres.....	282 586	.4	64 324	.8
50 to 179 acres.....farms.....	27 556	.2	19 504	.2
.....acres.....	3 240 337	.2	2 461 572	.2
180 to 499 acres.....farms.....	39 071	.1	37 526	.1
.....acres.....	12 216 013	.1	11 814 439	.1
500 to 999 acres.....farms.....	15 874	.2	15 793	.2
.....acres.....	10 707 195	.2	10 657 942	.2
1,000 to 1,999 acres.....farms.....	3 401	(Z)	3 393	(Z)
.....acres.....	4 290 322	(Z)	(D)	(D)
2,000 acres or more.....farms.....	323	-	321	-
.....acres.....	878 216	-	(D)	(D)
<b>Total cropland.....farms.....</b>	<b>96 749</b>	<b>(Z)</b>	<b>78 638</b>	<b>(Z)</b>
.....acres.....	27 290 868	.1	26 339 403	.1
<b>Harvested cropland.....farms.....</b>	<b>92 878</b>	<b>.1</b>	<b>77 374</b>	<b>.1</b>
.....acres.....	20 484 178	.1	20 043 833	.1
<b>Acres harvested:</b>				
1 to 9 acres.....farms.....	4 624	.6	852	1.2
.....acres.....	23 646	.6	3 771	1.5
10 to 49 acres.....farms.....	12 924	.3	4 007	.6
.....acres.....	345 545	.3	124 725	.6
50 to 99 acres.....farms.....	13 956	.3	11 411	.3
.....acres.....	1 016 312	.3	851 657	.3
100 to 199 acres.....farms.....	23 454	.2	23 199	.2
.....acres.....	3 385 193	.2	3 354 110	.2
200 to 499 acres.....farms.....	29 005	.2	28 991	.2
.....acres.....	9 062 600	.2	(D)	(D)
500 to 999 acres.....farms.....	7 723	.2	7 722	.2
.....acres.....	5 066 459	.2	(D)	(D)
1,000 acres or more.....farms.....	1 192	-	1 192	-
.....acres.....	1 584 423	-	1 584 423	-
<b>Cropland used only for pasture or grazing.....farms.....</b>	<b>36 766</b>	<b>.2</b>	<b>30 175</b>	<b>.2</b>
.....acres.....	2 283 547	.2	2 071 333	.3
<b>Other cropland.....farms.....</b>	<b>63 889</b>	<b>.1</b>	<b>56 787</b>	<b>.1</b>
.....acres.....	4 523 143	.1	4 224 237	.1
<b>Irrigated land.....farms.....</b>	<b>851</b>	<b>1.1</b>	<b>711</b>	<b>1.1</b>
.....acres.....	92 247	1.2	91 190	1.2
<b>Acres irrigated:</b>				
1 to 9 acres.....farms.....	303	1.7	188	1.8
.....acres.....	785	2.5	488	2.8
10 to 49 acres.....farms.....	123	3.1	102	3.4
.....acres.....	3 273	3.2	2 744	3.6
50 to 99 acres.....farms.....	119	3.2	115	3.2
.....acres.....	8 179	3.1	7 948	3.1
100 to 199 acres.....farms.....	163	2.6	163	2.6
.....acres.....	22 183	2.6	22 183	2.6
200 to 499 acres.....farms.....	116	2.7	116	2.7
.....acres.....	35 519	2.5	35 519	2.5
500 to 999 acres.....farms.....	20	1.6	20	1.6
.....acres.....	12 164	1.3	12 164	1.3
1,000 acres or more.....farms.....	7	-	7	-
.....acres.....	10 144	-	10 144	-
<b>Market value of agricultural products sold.....\$1,000.....</b>	<b>8 926 799</b>	<b>.1</b>	<b>8 836 943</b>	<b>.1</b>
Average per farm.....dollars.....	84 872	.1	106 945	.1
<b>Value of sales:</b>				
Less than \$2,500.....farms.....	8 799	.4	-	-
.....\$1,000.....	9 626	.5	-	-
\$2,500 to \$4,999.....farms.....	5 498	.5	-	-
.....\$1,000.....	20 091	.5	-	-
\$5,000 to \$9,999.....farms.....	8 252	.4	-	-
.....\$1,000.....	60 139	.4	-	-
\$10,000 to \$24,999.....farms.....	17 436	.3	17 436	.3
.....\$1,000.....	294 092	.3	294 092	.3
\$25,000 to \$49,999.....farms.....	17 752	.3	17 752	.3
.....\$1,000.....	643 759	.3	643 759	.3
\$50,000 to \$99,999.....farms.....	20 656	.2	20 656	.2
.....\$1,000.....	1 493 083	.2	1 493 083	.2
\$100,000 or more.....farms.....	26 787	.1	26 787	.1
.....\$1,000.....	6 406 010	.1	6 406 010	.1
<b>Sales by commodity or commodity group:</b>				
Crops, including nursery and greenhouse crops.....farms.....	83 940	.1	71 997	.1
.....\$1,000.....	3 680 117	.1	3 616 767	.1
Grains.....\$1,000.....	3 563 323	.1	3 524 735	.1
Corn for grain.....\$1,000.....	1 961 527	.1	1 939 575	.1
Wheat.....\$1,000.....	2 726	1.2	2 591	1.2
Soybeans.....\$1,000.....	1 573 168	.1	1 557 479	.1
Sorghum for grain.....\$1,000.....	477	3.0	465	3.0
Barley.....\$1,000.....	116	4.0	111	4.1
Oats.....\$1,000.....	19 604	.4	18 893	.5
Other grains.....\$1,000.....	5 705	2.0	5 621	2.0

See footnotes at end of table.

**Table D. Reliability Estimates of State Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
<b>Sales by commodity or commodity group—Con.</b>				
<b>Crops, including nursery and greenhouse crops—Con.</b>				
Cotton and cottonseed .....	\$1,000..	—	—	—
Tobacco .....	\$1,000..	—	—	—
Hay, silage, and field seeds .....	\$1,000..	46 480	43 012	.5
Vegetables, sweet corn, and melons .....	\$1,000..	7 541	7 019	2.2
Fruits, nuts, and berries .....	\$1,000..	2 853	2 499	5.3
Nursery and greenhouse crops .....	\$1,000..	38 241	37 870	—
Other crops .....	\$1,000..	1 678	1 632	2.2
<b>Livestock, poultry, and their products</b>				
..... farms..		72 438	59 370	.1
..... \$1,000..		5 266 682	5 220 176	.1
Poultry and poultry products .....	\$1,000..	192 229	191 697	.2
Dairy products .....	\$1,000..	392 284	391 942	.4
Cattle and calves .....	\$1,000..	2 124 641	2 094 924	.1
Hogs and pigs .....	\$1,000..	2 494 231	2 484 999	.1
Sheep, lambs, and wool .....	\$1,000..	46 157	41 763	.7
Other livestock and livestock products (see text) .....	\$1,000..	17 139	14 851	1.7
<b>Farms by standard industrial classification:</b>				
Cash grains (011) .....	farms..	50 200	42 117	.1
..... acres..		18 137 472	17 494 512	.1
Field crops, except cash grains (013) .....	farms..	1 451	204	3.0
..... acres..		131 518	49 598	3.3
Vegetables and melons (016) .....	farms..	213	79	4.0
..... acres..		15 931	11 845	4.2
Fruits and tree nuts (017) .....	farms..	195	46	5.5
..... acres..		7 090	3 222	5.2
Horticultural specialties (018) .....	farms..	278	192	—
..... acres..		13 229	10 359	—
General farms, primarily crop (019) .....	farms..	1 039	485	1.6
..... acres..		231 923	192 327	1.6
Livestock, except dairy, poultry, and animal specialties (021) .....	farms..	43 979	33 596	.1
..... acres..		11 483 076	10 886 086	.1
Dairy farms (024) .....	farms..	4 209	4 136	.5
..... acres..		997 836	994 065	.5
Poultry and eggs (025) .....	farms..	570	400	1.2
..... acres..		72 274	66 824	1.1
Animal specialties (027) .....	farms..	1 601	209	2.8
..... acres..		64 967	17 573	3.8
General farms, primarily livestock and animal specialties (029) .....	farms..	1 445	1 167	1.0
..... acres..		482 812	431 788	.9
<b>Farms by type of organization:</b>				
Individual or family (sole proprietorship) .....	farms..	89 188	68 845	.1
..... acres..		25 058 946	23 749 442	.1
Partnership .....	farms..	11 088	9 349	.4
..... acres..		3 802 372	3 671 569	.3
Corporation .....	farms..	4 404	4 095	.5
..... acres..		2 659 862	2 630 356	.3
Other—cooperative, estate or trust, institutional, etc. ....	farms..	500	342	2.0
..... acres..		116 950	106 832	1.8
<b>Tenure of operator:</b>				
Full owners .....	farms..	48 226	30 177	.2
..... acres..		7 963 226	6 820 684	.2
Part owners .....	farms..	35 207	33 211	.1
..... acres..		17 255 971	17 068 588	.1
Tenants .....	farms..	21 747	19 243	.2
..... acres..		6 418 933	6 268 927	.3
<b>Operators by principal occupation:</b>				
Farming .....	farms..	75 279	67 738	.1
..... acres..		27 958 679	27 314 409	.1
Other .....	farms..	29 901	14 893	.3
..... acres..		3 679 451	2 843 790	.4
<b>Operators by sex:</b>				
Male .....	farms..	101 838	80 750	(Z)
..... acres..		31 076 208	29 690 974	.1
Female .....	farms..	3 342	1 881	.9
..... acres..		561 922	467 225	1.0
Average age of operator .....	years..	49.3	48.7	.1
<b>Cropland under federal acreage reduction programs:</b>				
Annual commodity acreage adjustment programs .....	farms..	69 141	64 254	.1
..... acres..		3 560 902	3 510 310	.1
Conservation reserve program .....	farms..	8 050	6 043	.4
..... acres..		697 896	544 228	.6
<b>Government payments:</b>				
Amount received in cash .....	\$1,000..	559 007	548 398	.1
Value of certificates received .....	\$1,000..	594 706	571 759	.1
<b>Net cash return from agricultural sales<sup>1</sup>:</b>				
Net cash return from agricultural sales for the farm unit (see text) .....	farms..	105 184	82 647	.1
..... \$1,000..		2 146 997	2 187 522	.6
Average per farm .....	dollars..	20 412	26 468	.7
Farms with net gains <sup>2</sup> .....	number..	74 987	67 144	.1
..... \$1,000..		2 374 100	2 358 599	.5
Farms with net losses .....	number..	30 197	15 503	.2
..... \$1,000..		227 103	171 077	1.4
<b>Total farm production expenses<sup>1</sup></b>				
..... farms..		105 184	82 647	.1
..... \$1,000..		6 647 645	6 516 385	.2
Livestock and poultry purchased .....	farms..	46 066	40 253	.8
..... \$1,000..		1 358 181	1 346 860	.6
Feed for livestock and poultry .....	farms..	64 752	54 514	.5
..... \$1,000..		1 101 866	1 092 412	.5
Seeds, bulbs, plants, and trees .....	farms..	88 807	76 710	.2
..... \$1,000..		308 197	302 401	.4
Commercial fertilizer .....	farms..	83 067	73 196	.3
..... \$1,000..		467 355	459 606	.5

See footnotes at end of table.

**Table D. Reliability Estimates of State Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
<b>Total farm production expenses—Con.</b>				
Agricultural chemicals .....	farms.. 86 631	.3	74 725	.3
..... \$1,000..	309 894	.6	304 487	.6
Petroleum products .....	farms.. 100 939	.2	80 999	.1
..... \$1,000..	315 061	.4	304 536	.4
Electricity .....	farms.. 90 255	.3	75 154	.3
..... \$1,000..	126 591	.5	120 904	.5
Hired farm labor .....	farms.. 49 121	.7	44 716	.7
..... \$1,000..	282 515	.9	280 602	.9
Contract labor .....	farms.. 8 078	2.4	7 032	2.5
..... \$1,000..	21 032	3.1	20 485	3.2
Repair and maintenance .....	farms.. 91 920	.3	75 830	.3
..... \$1,000..	407 270	.5	393 118	.5
Customwork, machine hire, and rental of machinery and equipment .....	farms.. 57 354	.7	49 313	.7
..... \$1,000..	133 395	1.3	128 322	1.4
Interest .....	farms.. 67 262	.5	58 282	.5
..... \$1,000..	579 338	.7	561 575	.8
Cash rent .....	farms.. 41 375	.8	39 119	.8
..... \$1,000..	492 800	1.0	489 057	1.0
Property taxes .....	farms.. 87 431	.3	67 238	.4
..... \$1,000..	230 810	.7	212 292	.7
All other farm production expenses .....	farms.. 101 919	.2	82 616	.1
..... \$1,000..	513 358	.6	499 729	.6
<b>Livestock and poultry:</b>				
Cattle and calves inventory .....	farms.. 49 469	.1	40 741	.1
..... number..	4 303 682	.1	4 131 811	.1
Beef cows .....	farms.. 32 279	.2	25 846	.2
..... number..	1 123 745	.2	1 044 065	.2
Milk cows .....	farms.. 7 748	.4	7 247	.4
..... number..	294 888	.4	293 185	.4
Cattle and calves sold .....	farms.. 50 509	.1	42 170	.1
..... number..	3 539 020	.1	3 461 601	.1
Hogs and pigs inventory .....	farms.. 36 670	.1	34 159	.1
..... number..	12 983 074	.1	12 895 969	.1
Hogs and pigs sold .....	farms.. 38 638	.1	35 888	.1
..... number..	23 483 812	.1	23 367 520	.1
Sheep and lambs inventory .....	farms.. 8 636	.4	6 046	.4
..... number..	451 617	.6	376 723	.6
Sheep and lambs sold .....	farms.. 8 806	.4	6 177	.4
..... number..	607 492	.6	546 920	.7
Hens and pullets of laying age inventory .....	farms.. 4 834	.5	3 255	.6
..... number..	8 212 576	.5	8 148 440	.5
Broilers and other meat-type chickens sold .....	farms.. 1 060	1.2	768	1.3
..... number..	666 016	10.5	582 165	12.0
Horses and ponies inventory .....	farms.. 11 647	.3	7 176	.4
..... number..	59 338	.6	34 375	.7
<b>Selected crops harvested:</b>				
Corn for grain or seed .....	farms.. 83 301	.1	74 285	.1
..... acres..	10 147 051	.1	9 973 381	.1
..... bushels..	1 274 388 346	.1	1 258 020 972	.1
Corn for silage or green chop .....	farms.. 7 934	.3	7 742	.3
..... acres..	205 176	.3	202 856	.3
..... tons, green..	3 251 394	.5	3 217 196	.5
Wheat for grain .....	farms.. 1 345	.9	1 212	.9
..... acres..	31 047	1.1	28 672	1.0
..... bushels..	1 180 360	1.1	1 113 489	1.1
Oats for grain .....	farms.. 25 398	.2	23 732	.2
..... acres..	544 907	.2	525 517	.2
..... bushels..	30 918 660	.2	30 087 002	.2
Soybeans for beans .....	farms.. 68 278	.1	62 537	.1
..... acres..	7 903 395	.1	7 792 894	.1
..... bushels..	326 081 351	.1	322 478 170	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .....	farms.. 48 271	.1	40 181	.1
..... acres..	1 968 207	.2	1 829 492	.2
..... tons, dry..	5 612 944	.2	5 328 103	.2

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

**Table E. Reliability Estimates of Percent Change in State Totals: 1982 to 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms		Farms with sales of \$10,000 or more	
	Percent change	Standard error of estimate (percent)	Percent change	Standard error of estimate (percent)
Farms..... number..	-8.9	.1	-11.6	.1
Land in farms..... acres..	-3.0	.1	-3.9	.1
Value of land and buildings <sup>1</sup> :				
Average per farm..... dollars..	-39.8	.3	-38.8	.4
Total cropland..... farms..	-9.5	.1	-12.4	.1
Harvested cropland..... acres..	-1.1	.1	-2.0	.1
..... farms..	-10.4	.1	-12.8	.1
..... acres..	-15.1	.1	-15.4	.1
Irrigated land..... farms..	38.1	1.5	27.4	1.4
..... acres..	.9	.5	.3	1.2
Market value of agricultural products sold..... farms..	-8.9	.1	-11.6	.1
..... \$1,000..	-9.2	.1	-9.2	(2)
Crops, including nursery and greenhouse crops..... farms..	-9.1	.1	-11.5	.1
..... \$1,000..	-11.7	.1	-11.8	.1
Livestock, poultry, and their products..... farms..	-15.4	.1	-16.8	.1
..... \$1,000..	-7.4	.1	-7.3	.1
Poultry and poultry products..... farms..	-30.0	.4	-31.8	.4
..... \$1,000..	17.2	.2	17.4	.3
Selected farm production expenses <sup>1</sup> :				
Livestock and poultry purchased..... farms..	-13.8	.9	-13.4	.9
..... \$1,000..	-11.6	.7	-11.7	.7
Feed for livestock and poultry..... farms..	-17.1	.6	-16.5	.6
..... \$1,000..	-9.3	.7	-9.0	.7
Seeds, bulbs, plants, and trees..... farms..	-10.1	.4	-12.2	.3
..... \$1,000..	-1.6	.7	-2.0	.7
Commercial fertilizer <sup>2</sup> ..... farms..	-4.1	.5	-6.9	.5
..... \$1,000..	-17.0	.7	-17.5	.7
Agricultural chemicals <sup>2</sup> ..... farms..	-1.2	.5	-5.5	.5
..... \$1,000..	-6.6	.8	-7.1	.8
Hired farm labor..... farms..	2.6	1.1	1.8	1.1
..... \$1,000..	27.2	1.8	28.3	1.8
Interest <sup>3</sup> ..... farms..	-12.0	.6	-15.3	.6
..... \$1,000..	-43.0	.6	-43.8	.6
Livestock and poultry inventory:				
Cattle and calves..... farms..	-20.7	.1	-22.1	.1
..... number..	-26.1	.1	-26.4	.1
Hogs and pigs..... farms..	-19.9	.1	-19.5	.1
..... number..	-9.4	.1	-9.2	.1
Hens and pullets of laying age..... farms..	-35.9	.3	-37.4	.4
..... number..	-3	.4	.4	.5
Selected crops harvested:				
Corn for grain or seed..... farms..	-9.9	.1	-12.1	.1
..... acres..	-21.2	.1	-21.6	.1
Sorghum for grain or seed..... farms..	-63.0	1.2	-64.0	1.2
..... acres..	-67.6	.3	-68.4	.8
Wheat for grain..... farms..	-50.8	.5	-51.1	.5
..... acres..	-68.5	.3	-69.5	.3
Soybeans for beans..... farms..	-6.7	.1	-7.9	.1
..... acres..	-1.8	.1	-1.8	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms..	-14.4	.1	-17.0	.1
..... acres..	-3.3	.2	-3.7	.2
Vegetables harvested for sale (see text)..... farms..	38.9	2.1	42.5	2.5
..... acres..	6.0	1.0	3.2	2.7
Land in orchards..... farms..	9.2	1.9	-2.8	2.3
..... acres..	8.0	2.2	3.5	4.4

<sup>1</sup>Data are based on a sample of farms.

<sup>2</sup>Data for 1987 include cost of custom applications.

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse.

**Table F. Reliability Estimates of County Totals: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm <sup>1</sup>		Estimated market value of all machinery and equipment <sup>1</sup>		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Adair.....	970	.4	353 365	.7	244 037	3.5	49 068	4.9	196 940	.7	204	25.2
Adams.....	688	.5	243 607	1.1	172 243	4.0	25 715	6.2	115 592	1.2	-	-
Allamakee.....	1 062	.3	321 226	.6	182 659	3.3	57 082	7.8	140 120	.7	-	-
Appanoose.....	891	.4	244 661	1.0	135 171	5.1	27 244	10.3	94 539	1.4	(D)	(D)
Audubon.....	851	.4	268 437	.8	294 253	4.5	45 383	6.5	172 611	.9	(D)	(D)
Benton.....	1 434	.2	419 480	.5	322 996	3.0	79 206	4.0	301 315	.5	(D)	(D)
Black Hawk.....	1 269	.3	305 516	.6	257 109	3.4	65 952	4.9	223 324	.7	160	18.2
Boone.....	1 029	.3	336 668	.7	386 353	3.1	57 799	4.7	245 517	.7	6	5.3
Bremer.....	1 140	.3	235 086	.7	250 490	4.4	57 864	4.4	168 763	.7	203	17.4
Buchanan.....	1 332	.3	337 126	.6	279 290	3.3	67 189	4.5	236 312	.7	218	18.4
Buena Vista.....	1 097	.3	358 798	.6	354 375	3.7	67 354	4.2	264 594	.7	(D)	(D)
Butler.....	1 294	.3	328 114	.6	236 959	3.8	65 791	5.5	229 095	.6	(D)	(D)
Calhoun.....	992	.4	342 160	.7	408 094	3.8	60 596	5.0	263 491	.7	537	11.0
Carroll.....	1 319	.3	366 656	.6	305 600	3.6	66 718	5.3	270 392	.6	(D)	(D)
Cass.....	942	.4	333 083	.7	264 475	2.9	46 846	5.4	213 323	.7	(D)	(D)
Cedar.....	1 170	.3	345 483	.6	338 007	4.5	71 998	4.8	230 081	.6	(D)	(D)
Cerro Gordo.....	929	.3	317 974	.6	336 269	3.2	60 390	4.7	233 423	.6	352	5.4
Cherokee.....	1 091	.3	338 708	.6	336 905	3.8	58 070	4.5	230 141	.6	68	23.9
Chickasaw.....	1 054	.4	276 216	.8	228 742	4.1	53 539	4.1	187 589	.8	1 146	4.9
Clarke.....	697	.4	229 423	1.0	168 690	5.9	22 133	6.1	93 996	1.1	(D)	(D)
Clay.....	877	.3	315 558	.6	368 560	3.4	56 785	4.1	229 226	.7	276	.4
Clayton.....	1 705	.2	450 742	.5	238 246	3.5	98 431	3.7	240 158	.5	(D)	(D)
Clinton.....	1 437	.3	376 952	.6	260 515	3.5	70 612	5.5	258 502	.7	86	15.9
Crawford.....	1 339	.3	406 895	.7	232 297	3.5	65 387	4.1	264 366	.7	(D)	(D)
Dallas.....	1 081	.3	328 319	.8	361 994	4.6	62 058	7.0	223 550	.8	133	6.5
Davis.....	921	.5	266 999	.9	127 889	5.3	28 106	7.1	107 597	1.1	(D)	(D)
Decatur.....	715	.4	278 714	.8	184 389	4.7	21 353	5.9	97 184	1.2	(D)	(D)
Delaware.....	1 452	.2	353 940	.4	261 096	3.2	93 611	3.1	242 896	.4	(D)	(D)
Des Moines.....	753	.4	210 843	1.0	292 827	4.2	39 131	6.6	133 157	1.0	(D)	(D)
Dickinson.....	593	.4	211 002	.8	344 460	4.5	36 852	5.2	151 322	.9	(D)	(D)
Dubuque.....	1 689	.3	334 112	.6	215 749	5.1	88 178	4.8	206 360	.6	18	12.0
Emmet.....	609	.4	227 932	.8	90 667	4.2	38 260	4.7	165 960	.8	311	16.5
Fayette.....	1 510	.2	420 682	.5	252 587	2.9	90 036	4.1	279 159	.6	425	9.5
Floyd.....	985	.3	296 488	.6	269 842	3.6	53 143	4.3	215 365	.7	911	8.0
Franklin.....	1 012	.3	346 389	.6	355 919	4.4	76 147	5.0	251 619	.6	281	16.1
Fremont.....	719	.4	308 796	.7	358 252	3.8	43 556	6.5	203 010	.8	1 265	3.0
Greene.....	948	.4	353 283	.6	389 490	3.6	54 438	4.5	258 005	.6	599	15.6
Grundy.....	1 037	.3	319 657	.6	386 797	3.9	61 916	3.7	243 481	.6	-	-
Guthrie.....	960	.4	316 631	.9	237 917	5.0	45 574	5.2	176 254	.9	(D)	(D)
Hamilton.....	1 026	.3	347 353	.6	419 561	2.7	74 452	4.4	262 514	.6	(D)	(D)
Hancock.....	1 052	.3	347 774	.6	376 239	4.1	73 708	3.9	259 372	.6	586	4.0
Hardin.....	1 065	.3	337 990	.6	343 083	5.0	67 139	4.3	243 566	.6	(D)	(D)
Harrison.....	1 024	.4	387 190	.6	312 974	3.7	48 497	5.5	253 868	.9	15 933	3.6
Henry.....	893	.3	231 617	.7	274 058	3.9	47 435	4.6	138 792	.8	(D)	(D)
Howard.....	938	.3	269 285	.6	209 318	3.6	45 381	4.2	178 288	.7	(D)	(D)
Humboldt.....	754	.3	275 393	.8	395 920	3.2	53 479	4.5	214 069	.8	261	14.4
Ia.....	787	.5	260 103	.9	340 405	5.3	38 821	6.7	176 524	.9	-	-
Iowa.....	1 057	.3	329 705	.6	262 675	4.4	54 023	3.7	203 549	.7	(D)	(D)
Jackson.....	1 354	.3	345 612	.8	188 218	4.0	52 468	3.7	164 703	.8	30	17.3
Jasper.....	1 465	.3	427 196	.6	264 082	3.3	69 614	4.2	276 515	.7	(D)	(D)
Jefferson.....	775	.5	234 816	1.1	242 323	5.0	32 327	6.0	139 236	1.2	127	13.8
Johnson.....	1 356	.3	305 634	.7	254 265	3.7	68 203	4.5	198 971	.7	152	11.6
Jones.....	1 161	.3	322 206	.6	272 757	4.0	62 586	4.3	194 982	.7	(D)	(D)
Keokuk.....	1 036	.4	343 164	.7	299 094	5.3	54 470	4.2	198 455	.7	-	-
Kossuth.....	1 718	.2	599 153	.4	405 311	2.7	121 897	3.5	459 047	.4	450	12.0
Lee.....	989	.4	266 090	.8	226 981	5.8	38 831	5.5	149 934	1.0	506	18.3
Linn.....	1 690	.2	356 000	.6	245 298	4.8	76 811	3.6	242 679	.6	231	10.3
Louisia.....	634	.5	198 855	1.0	345 395	4.7	40 995	6.4	130 805	1.1	3 447	3.1
Lucas.....	690	.5	206 519	1.1	146 104	5.3	18 453	8.5	77 713	1.2	(D)	(D)
Lyon.....	1 234	.4	342 938	.8	284 406	3.8	65 086	5.1	249 352	.8	1 339	17.9
Madison.....	1 059	.4	293 643	.9	220 540	4.8	38 946	5.8	137 088	1.1	14	16.6
Mahaska.....	1 193	.3	328 093	.7	291 229	4.6	57 260	3.9	211 100	.7	(D)	(D)
Marion.....	1 131	.4	279 315	.9	193 063	4.2	40 245	5.5	154 503	1.0	74	19.3
Marshall.....	1 073	.3	330 012	.7	313 765	3.3	54 737	3.7	217 817	.7	12	10.2
Mills.....	641	.5	245 380	.9	278 058	3.7	36 469	7.2	169 179	1.0	771	22.0
Mitchell.....	939	.3	270 582	.7	259 002	4.5	51 787	4.5	192 403	.7	828	4.1
Monona.....	854	.4	377 030	.6	356 706	5.2	54 130	6.4	242 081	.7	25 152	2.1
Monroe.....	736	.6	225 145	1.2	138 810	5.7	20 373	7.6	75 582	1.7	(D)	(D)
Montgomery.....	701	.4	247 891	.9	236 856	4.0	36 483	7.3	160 388	1.0	(D)	(D)
Muscatine.....	901	.4	233 026	.9	288 612	4.1	44 195	7.0	153 624	.9	3 177	11.1
O'Brien.....	1 232	.3	362 209	.7	362 397	3.8	71 770	4.0	269 638	.7	8	5.6
Osceola.....	731	.5	230 671	.9	340 338	3.8	44 012	5.7	178 191	1.0	1 139	7.9
Page.....	1 015	.3	337 772	.7	211 038	4.7	42 631	5.7	202 414	.7	1 928	1.5
Palo Alto.....	934	.3	343 857	.6	377 878	3.9	58 826	4.0	251 951	.6	4 713	2.9
Plymouth.....	1 740	.3	521 469	.6	291 724	3.7	89 361	4.9	359 863	.6	1 799	10.9
Pocahontas.....	987	.3	349 376	.6	402 097	3.1	75 823	4.6	265 872	.6	(D)	(D)
Polk.....	1 001	.4	238 256	.8	314 216	4.4	48 485	5.9	169 388	.9	(D)	(D)
Pottawattamie.....	1 652	.3	543 881	.5	297 073	3.4	92 995	3.7	379 836	.6	1 984	3.8
Poweshiek.....	1 047	.4	335 448	.7	289 230	4.2	55 669	6.2	211 734	.8	(D)	(D)
Ringgold.....	701	.5	285 258	.8	186 298	3.5	28 419	6.8	119 721	1.0	(D)	(D)

See footnotes at end of table.

**Table F. Reliability Estimates of County Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm <sup>1</sup>		Estimated market value of all machinery and equipment <sup>1</sup>		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Sac	1 035	.3	359 677	.6	357 000	4.5	61 003	4.6	258 981	.6	707	16.5
Scott	973	.3	230 461	.7	361 559	5.2	54 417	4.6	166 611	.7	202	4.3
Shelby	1 177	.3	351 387	.7	277 542	4.2	61 761	4.9	244 602	.8	(D)	(D)
Sioux	2 015	.3	472 363	.6	282 218	5.8	101 081	3.3	352 858	.6	8 639	3.1
Story	1 138	.3	327 081	.6	350 423	3.8	57 553	4.8	242 426	.6	307	14.7
Tama	1 404	.3	417 178	.6	286 898	3.8	78 233	4.5	274 884	.7	(D)	(D)
Taylor	774	.5	291 057	.9	180 517	3.3	27 207	6.3	141 043	1.1	-	-
Union	693	.5	233 595	1.0	185 510	4.5	21 636	7.2	101 216	1.3	(D)	(D)
Van Buren	783	.5	244 939	1.0	160 879	5.1	27 555	8.9	108 140	1.2	42	27.0
Wapello	899	.5	211 685	1.1	155 927	6.4	27 971	4.9	116 921	1.4	(D)	(D)
Warren	1 310	.4	303 783	.9	181 805	5.7	41 085	6.4	155 858	1.0	57	16.9
Washington	1 158	.3	321 504	.7	267 295	4.4	68 353	5.2	206 315	.7	48	21.5
Wayne	743	.5	281 269	.9	184 013	5.8	25 456	6.9	114 904	1.1	-	-
Webster	1 235	.3	416 623	.5	432 253	3.3	87 942	5.7	312 049	.6	(D)	(D)
Winnebago	742	.4	242 430	.8	367 438	3.7	47 026	5.0	177 414	.8	(D)	(D)
Winneshiek	1 633	.3	377 025	.7	192 457	3.8	92 485	4.0	219 642	.8	(D)	(D)
Woodbury	1 360	.3	451 759	.7	255 831	3.2	68 190	3.8	278 373	.8	4 930	7.3
Worth	667	.4	221 678	.8	317 865	3.8	44 355	5.3	157 665	.8	(D)	(D)
Wright	882	.3	344 010	.6	504 641	3.6	73 267	5.8	260 638	.6	(D)	(D)
Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Adair	62 601	1.1	85 504	1.6	93 246	.8	(D)	(D)	66 704	1.0	71 079	.7
Adams	42 485	1.4	55 648	2.8	51 424	1.4	519	26.1	42 173	1.6	39 893	1.0
Allamakee	88 346	.8	113 528	1.6	61 451	.8	(D)	(D)	3 726	3.3	77 437	.7
Appanoose	50 221	2.0	16 079	3.2	26 382	1.9	115	10.5	25 860	1.9	25 508	1.4
Audubon	44 301	1.2	128 623	1.6	89 190	.9	356	17.0	65 109	1.2	80 178	.6
Benton	71 528	.7	172 273	1.0	144 170	.5	302	11.9	126 534	.6	140 932	.4
Black Hawk	24 204	1.4	162 483	1.0	120 536	.7	134	15.4	88 213	.8	99 933	.5
Boone	24 331	1.5	90 597	1.5	112 738	.7	167	7.7	122 615	.7	91 247	.5
Bremer	34 300	1.1	93 085	1.5	93 017	.8	(D)	(D)	52 660	1.0	75 029	.6
Buchanan	37 083	1.0	190 879	1.0	139 845	.7	135	12.1	71 922	1.0	109 025	.5
Buena Vista	30 112	1.1	212 076	.9	125 356	.7	(D)	(D)	130 258	.7	132 273	.4
Butler	32 358	1.1	192 796	.9	121 799	.6	220	15.1	86 141	.7	105 209	.5
Calhoun	22 434	1.2	104 890	1.6	111 282	.7	(D)	(D)	144 293	.8	98 179	.6
Carroll	84 045	.7	277 305	.9	132 252	.6	447	14.2	115 659	.7	170 623	.4
Cass	52 259	1.1	93 655	1.7	106 962	.7	505	7.6	84 078	1.0	83 023	.6
Cedar	37 738	1.2	206 391	.8	138 757	.6	297	6.8	71 248	.9	104 711	.5
Carro Gordo	12 904	1.6	118 772	1.1	123 528	.6	(D)	(D)	98 942	.8	83 002	.5
Cherokee	61 492	.9	177 791	1.1	111 626	.6	(D)	(D)	100 873	.8	119 253	.4
Chickasaw	41 260	1.2	129 308	1.4	99 779	.8	215	26.8	59 084	1.2	85 162	.6
Clarke	41 203	1.6	39 709	3.4	37 261	1.2	162	17.2	24 717	1.7	27 280	1.2
Clay	32 833	1.1	113 582	1.1	103 766	.7	-	-	114 582	.8	93 702	.5
Clayton	111 580	.6	282 887	.8	130 350	.5	143	9.7	10 851	3.6	144 817	.4
Clinton	63 452	.9	155 812	1.1	165 946	.7	510	5.4	63 428	1.0	115 717	.5
Crawford	67 100	1.1	163 737	1.4	132 197	.7	120	17.5	98 070	1.0	111 095	.6
Dallas	23 978	1.6	62 884	1.8	108 578	.9	322	13.9	103 628	1.0	78 495	.7
Davis	39 154	1.4	45 685	3.0	40 121	1.4	589	8.5	31 948	1.7	33 396	1.2
Decatur	51 643	1.1	44 663	2.7	33 659	1.5	304	9.8	31 224	1.9	35 571	.9
Delaware	79 043	.7	456 589	.6	152 360	.5	275	9.3	26 262	1.2	167 550	.4
Des Moines	18 114	1.8	44 293	2.5	70 934	1.0	690	5.2	50 976	1.2	43 779	.9
Dickinson	25 849	1.4	62 826	1.9	67 152	.9	166	21.4	74 062	1.0	64 239	.6
Dubuque	117 453	.7	298 355	1.0	103 204	.8	104	9.2	4 133	2.7	153 085	.5
Emmet	16 380	1.5	54 902	2.4	76 262	.8	(D)	(D)	84 899	.9	56 925	.7
Fayette	78 118	.9	204 401	.9	152 228	.6	213	10.3	67 824	1.0	135 367	.5
Floyd	21 468	1.4	101 386	1.3	108 155	.7	34	13.4	93 208	.8	78 949	.6
Franklin	19 476	1.7	168 089	.9	130 089	.7	(D)	(D)	111 856	.7	110 938	.4
Fremont	24 694	1.2	51 782	2.1	87 155	.8	577	9.7	107 022	.9	67 911	.6
Greene	23 691	1.2	80 342	1.3	112 576	.7	139	19.1	139 225	.7	89 981	.5
Grundy	32 392	.8	142 762	1.0	128 793	.6	68	25.9	103 749	.7	120 898	.4
Guthrie	42 797	1.3	91 854	1.6	82 343	1.0	124	2.6	72 201	1.2	64 788	.8
Hamilton	9 014	1.9	175 422	1.0	126 152	.6	(D)	(D)	133 655	.7	133 865	.4
Hancock	18 095	1.6	153 874	1.1	128 403	.7	(D)	(D)	120 801	.7	97 752	.5
Hardin	28 548	1.6	209 335	.9	128 885	.6	-	-	105 352	.7	115 469	.4
Harrison	45 158	1.7	61 961	2.0	124 451	1.0	1 101	7.1	113 656	1.0	81 515	.7
Henry	18 256	1.7	98 895	1.3	76 628	.8	301	6.4	49 029	1.0	55 693	.6
Howard	34 299	1.1	98 541	1.2	86 835	.7	122	19.7	63 110	1.0	66 773	.6
Humboldt	19 778	1.6	95 334	1.3	96 411	.8	(D)	(D)	111 004	.9	77 786	.6
Ida	42 915	1.4	92 880	1.7	92 054	1.0	79	17.9	69 740	1.2	80 294	.7
Iowa	58 270	1.0	158 470	1.3	118 279	.7	111	8.7	48 725	1.0	91 299	.6
Jackson	105 376	.9	135 969	1.6	86 001	1.1	542	3.9	9 467	2.1	93 723	.7
Jasper	59 053	1.0	208 824	1.0	140 825	.7	65	14.4	102 143	.8	119 686	.5

See footnotes at end of table.

**Table F. Reliability Estimates of County Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Jefferson	24 063	1.7	77 588	1.9	63 756	1.4	1 128	5.1	54 787	1.6	44 126	.9
Johnson	44 479	1.2	201 494	1.1	108 975	.8	369	8.3	54 296	1.2	94 864	.5
Jones	71 782	1.1	196 170	.9	115 264	.8	196	5.1	40 219	1.2	109 533	.5
Keokuk	38 002	1.5	187 744	1.1	109 327	.7	616	7.2	64 470	1.0	85 338	.7
Kossuth	34 963	1.0	232 616	.9	212 709	.4	54	24.7	233 034	.5	173 436	.3
Lee	33 765	1.5	105 496	1.5	67 487	1.0	1 807	3.8	60 580	1.2	56 758	.8
Linn	46 537	1.0	127 753	1.2	124 735	.7	368	5.1	81 631	.9	92 818	.5
Louisa	13 375	2.2	66 270	2.3	72 324	1.1	716	7.7	50 482	1.4	42 271	1.0
Lucas	39 752	2.0	28 113	3.0	28 860	1.6	(D)	(D)	19 978	2.0	23 117	1.4
Lyon	69 260	1.2	200 491	1.4	117 416	.8	53	15.1	105 550	1.1	135 613	.6
Madison	47 876	1.4	71 853	2.5	58 576	1.2	120	7.8	51 363	1.4	57 398	.9
Mahaska	47 081	1.1	231 333	.9	107 872	.7	94	10.1	79 429	.8	111 789	.5
Marion	35 063	1.1	129 745	1.4	70 865	1.1	235	9.3	58 702	1.3	63 716	.8
Marshall	36 041	1.2	110 052	1.2	121 035	.8	140	17.7	81 281	.9	90 288	.5
Mills	21 503	1.5	42 997	2.1	80 324	.9	673	7.8	80 845	1.1	55 111	.8
Mitchell	35 450	1.0	145 781	1.2	96 111	.8	338	4.8	72 951	.9	96 194	.5
Monona	36 886	1.3	57 242	2.1	127 574	.7	1 151	4.7	97 936	1.0	75 040	.6
Monroe	41 441	2.3	31 726	4.3	26 349	2.2	104	13.8	19 212	2.8	27 469	1.5
Montgomery	29 584	1.5	61 284	1.8	73 645	1.1	482	4.3	72 597	1.2	54 168	.7
Muscataine	26 833	1.5	91 269	1.9	81 722	1.0	737	6.0	54 102	1.2	54 308	.8
O'Brien	54 433	.8	219 771	1.3	124 897	.7	34	21.6	132 665	.8	156 715	.4
Osceola	29 424	1.6	97 240	1.5	77 922	1.0	158	29.8	91 774	1.1	74 371	.7
Page	45 986	1.0	82 672	1.4	84 480	.8	1 626	4.0	94 261	.9	72 822	.6
Paio Alto	18 879	1.7	113 704	1.3	118 241	.6	(D)	(D)	126 240	.6	91 667	.5
Plymouth	85 592	.7	333 224	.9	188 164	.7	325	6.4	137 600	.7	183 614	.4
Pocahontas	17 817	1.2	117 561	1.2	118 510	.6	-	-	142 055	.6	94 124	.5
Polk	14 334	2.3	40 610	2.3	80 518	.9	107	18.5	79 880	1.0	55 492	.7
Pottawattamie	73 730	.9	132 246	1.1	190 703	.6	1 516	7.3	159 046	.7	148 757	.4
Poweshiek	52 353	1.2	115 888	1.5	100 151	.8	164	19.6	76 368	1.0	81 132	.7
Ringgold	52 034	1.2	54 322	2.1	40 969	1.2	437	11.2	42 819	1.4	38 620	1.0
Sac	51 204	.8	219 218	.9	119 558	.6	64	6.8	117 882	.7	129 941	.4
Scott	30 430	1.2	137 971	1.4	111 372	.8	109	16.3	38 786	1.1	81 530	.6
Shelby	49 837	1.1	174 150	1.4	132 411	.8	58	5.9	90 028	1.0	108 594	.6
Sioux	178 525	.5	441 534	.8	194 424	.6	231	11.2	118 683	.9	348 597	.3
Story	20 355	1.3	110 672	1.1	116 748	.6	128	11.1	117 965	.7	101 788	.4
Tama	47 664	1.2	138 669	1.4	146 615	.8	240	15.6	100 936	.8	105 643	.6
Taylor	40 041	1.7	62 873	2.3	55 044	1.2	576	4.2	59 816	1.4	40 437	1.0
Union	45 072	1.3	44 487	3.1	40 799	1.5	268	4.3	32 681	1.8	39 630	.9
Van Buren	29 876	1.6	56 843	2.1	41 462	1.4	554	8.4	40 843	1.7	32 952	1.1
Wapello	25 907	1.6	48 166	2.8	49 900	1.7	59	18.7	46 721	1.8	35 435	1.2
Warren	47 405	1.4	91 113	1.8	69 880	1.2	207	4.4	53 371	1.4	54 969	.9
Washington	30 074	1.3	291 267	.9	116 371	.7	876	8.0	66 723	1.0	113 286	.5
Wayne	44 170	1.4	38 007	2.3	43 055	1.4	343	9.0	38 334	1.6	34 630	1.0
Webster	12 135	2.4	95 799	1.5	138 143	.6	(D)	(D)	170 666	.6	112 144	.5
Winnebago	9 127	3.1	77 367	2.0	87 427	.8	(D)	(D)	82 268	1.0	57 541	.8
Winnesiek	103 658	.9	183 559	1.4	103 614	.8	79	13.8	18 580	2.3	120 561	.7
Woodbury	74 222	.9	144 487	1.5	162 688	.8	697	2.6	86 671	1.2	127 445	.5
Worth	13 566	1.5	71 694	1.8	77 320	.9	-	-	72 543	.9	56 004	.6
Wright	8 914	2.0	73 215	1.4	119 346	.6	(D)	(D)	137 106	.6	85 033	.5

Selected farm production expenses<sup>1</sup>

Geographic area	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business	
	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Adair	8 495	10.4	4 256	4.8	1 601	9.9	2 645	3.9	962	4.1
Adams	4 042	10.4	2 303	11.2	969	8.8	1 796	4.9	660	5.8
Allamakee	6 990	12.1	3 073	6.6	2 856	11.7	2 950	3.9	1 850	4.0
Appanoose	3 200	18.5	1 694	10.9	731	22.8	1 298	6.8	351	8.3
Audubon	14 586	5.5	4 137	5.4	2 092	5.6	2 822	3.4	1 201	5.0
Benton	25 792	3.3	7 834	3.9	3 887	7.2	4 667	3.6	1 932	4.7
Black Hawk	10 341	9.6	5 384	4.9	4 025	14.9	3 523	3.1	1 466	4.7
Boone	10 865	6.3	5 306	4.4	3 614	6.6	3 160	3.5	995	3.8
Bremer	7 877	8.9	4 774	6.1	1 894	10.6	3 028	3.3	1 281	4.1
Buchanan	13 291	4.0	7 153	5.3	3 329	7.0	4 187	3.6	1 679	3.9
Buena Vista	20 857	3.6	5 397	4.2	5 208	5.7	3 811	3.1	1 580	3.5
Butler	15 227	6.2	5 959	4.6	3 081	7.1	3 682	2.9	1 525	3.7
Calhoun	13 886	8.5	5 255	5.7	2 682	11.7	3 080	3.7	(D)	(D)
Carroll	42 663	2.9	5 561	5.0	4 439	5.3	4 388	3.4	1 862	4.2
Cass	16 310	3.4	4 074	4.7	2 175	4.2	2 992	3.5	1 024	3.9
Cedar	16 900	9.8	6 076	4.6	2 683	1.8	3 644	4.1	1 518	3.2
Cerro Gordo	4 641	12.4	5 444	4.2	2 835	9.0	3 969	4.0	1 131	4.4
Cherokee	26 445	4.3	4 600	4.0	2 988	9.3	3 480	4.7	1 660	5.2
Chickasaw	13 196	5.6	5 505	5.1	2 593	10.2	3 428	4.6	1 455	8.4
Clarke	2 412	17.0	1 801	10.0	517	13.6	1 525	6.8	470	13.4
Clay	16 812	4.0	4 722	5.4	2 453	7.9	3 085	4.7	1 099	3.9
Clayton	13 262	6.6	6 227	5.5	4 026	6.1	5 046	3.2	3 194	4.5
Clinton	19 651	4.7	7 916	4.3	3 299	7.6	4 189	3.4	1 824	6.3
Crawford	21 803	5.1	5 669	4.2	3 405	8.6	1 922	3.7	1 670	4.1
Dallas	7 272	10.7	4 433	5.0	2 792	6.4	2 683	4.4	981	7.4

See footnotes at end of table.

**Table F. Reliability Estimates of County Totals: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected farm production expenses <sup>1</sup>									
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business	
	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)	Total (\$1,000)	Relative standard error of estimate (percent)
Davis	3 811	13.6	2 346	6.4	658	14.4	1 609	8.4	697	6.8
Decatur	6 112	7.8	2 067	9.2	1 141	10.6	1 558	5.5	494	5.7
Delaware	18 914	5.5	7 362	3.9	4 822	5.6	5 993	2.5	3 154	2.8
Des Moines	3 392	8.9	3 198	5.9	1 253	8.7	1 700	4.1	576	7.6
Dickinson	12 861	4.2	2 693	5.7	1 927	6.7	2 016	4.0	709	5.6
Dubuque	23 907	5.5	5 505	4.3	5 614	6.9	5 202	3.2	3 011	3.2
Emmet	6 810	8.4	3 458	6.3	1 347	6.8	2 266	5.4	699	6.3
Fayette	15 028	6.6	7 460	4.5	4 687	5.5	4 893	3.4	2 341	3.5
Floyd	8 386	6.9	4 613	3.4	2 906	6.2	3 252	4.0	1 133	3.9
Franklin	12 037	5.6	6 043	4.2	3 500	4.9	3 889	3.7	1 361	4.4
Fremont	10 594	5.3	3 275	5.5	2 916	15.9	2 587	5.2	831	8.5
Greene	7 690	9.9	5 201	4.1	3 225	5.4	3 285	3.6	1 079	5.2
Grundy	21 499	4.4	6 038	4.2	3 822	7.1	3 941	3.9	1 364	3.7
Guthrie	7 284	7.9	3 446	5.3	1 390	5.1	2 701	5.1	961	4.7
Hamilton	17 559	3.8	5 186	4.1	5 187	5.4	4 217	3.8	1 650	2.9
Hancock	12 061	6.9	6 261	4.5	3 235	8.8	4 066	3.9	1 361	3.8
Hardin	18 089	6.4	5 837	4.8	3 824	5.3	3 764	3.4	1 511	3.3
Harrison	9 680	9.0	5 722	6.6	2 542	7.4	3 218	5.4	1 336	5.7
Henry	5 424	8.1	3 579	5.0	2 080	6.7	2 164	3.2	747	4.0
Howard	6 624	6.7	4 323	4.0	2 250	8.7	2 938	3.9	1 181	6.2
Humboldt	11 122	6.2	4 191	4.8	2 407	6.2	2 479	5.1	772	8.3
Ia	17 962	5.0	3 940	6.4	2 385	11.6	2 344	5.0	1 059	5.3
Iowa	13 498	5.3	5 150	5.3	3 440	4.6	3 145	3.1	1 250	3.9
Jackson	18 867	4.1	4 290	5.8	2 833	8.2	3 342	4.2	1 656	4.0
Jasper	14 674	5.2	6 246	4.8	3 718	7.6	3 996	3.4	1 761	5.2
Jefferson	3 995	8.3	3 772	7.8	1 331	10.1	2 195	4.4	679	7.1
Johnson	11 232	4.7	5 091	4.3	3 196	10.9	3 496	2.7	1 363	3.3
Jones	24 464	4.5	5 934	6.7	3 182	7.5	3 814	3.8	1 535	4.1
Keokuk	7 785	9.1	6 144	4.3	2 661	7.3	3 774	4.0	1 160	4.0
Kossuth	18 591	3.9	10 184	3.5	5 156	6.9	7 143	2.9	2 280	3.8
Lee	7 694	9.1	3 855	6.0	1 689	5.1	2 207	3.7	873	4.8
Linn	12 303	5.1	5 911	4.0	4 045	10.4	3 971	3.2	1 601	3.7
Louisa	3 058	14.3	3 456	5.3	1 757	17.8	2 016	4.6	555	4.5
Lucas	1 823	15.0	1 692	9.1	653	24.7	1 200	7.8	378	7.3
Lyon	33 013	3.5	4 807	5.7	3 008	8.8	3 751	3.8	1 597	4.1
Madison	4 680	9.9	2 638	7.3	2 900	5.0	2 017	5.8	922	6.5
Mahaska	18 528	5.1	4 882	3.7	3 941	3.7	3 469	3.2	1 858	4.0
Marion	5 734	12.3	3 135	6.0	2 949	9.5	2 428	5.2	1 168	5.6
Marshall	11 583	4.6	4 790	4.4	4 109	7.4	3 428	2.9	1 474	13.3
Mills	8 069	4.2	3 246	3.5	1 629	4.6	1 856	4.7	696	4.5
Mitchell	14 561	4.8	4 236	4.5	2 864	3.8	3 354	3.1	1 314	3.2
Monona	12 163	6.5	5 768	6.3	2 202	8.9	3 124	6.3	986	5.3
Monroe	4 555	14.3	1 899	18.4	810	38.6	1 461	8.3	412	10.5
Montgomery	8 825	13.8	3 455	6.8	1 946	10.6	2 334	4.5	829	5.6
Muscatine	5 730	9.1	4 109	5.0	2 326	10.8	2 478	4.6	922	5.3
O'Brien	35 703	2.4	6 726	5.8	3 489	6.7	4 260	3.7	1 923	4.1
Osceola	12 450	6.8	3 300	5.6	1 731	10.2	2 454	4.9	907	4.8
Page	9 214	7.4	3 459	6.2	4 783	6.2	2 361	4.7	949	5.4
Palo Alto	12 056	7.7	5 608	4.5	2 630	6.3	3 409	4.3	1 168	5.2
Plymouth	42 134	3.1	7 086	3.4	3 807	4.0	4 976	2.8	2 429	3.6
Pocahontas	12 261	5.0	5 255	5.3	2 176	7.3	3 319	3.6	1 211	7.2
Polk	2 955	9.5	4 227	6.0	2 756	9.9	2 202	4.3	602	5.5
Pottawattamie	27 917	3.0	7 931	4.1	5 261	5.6	5 497	3.1	2 183	3.0
Poweshiek	8 471	9.3	4 813	5.8	2 452	6.2	3 087	4.0	1 098	4.4
Ringgold	4 186	13.4	2 169	7.2	1 173	15.0	1 707	5.5	584	5.9
Sac	28 172	2.6	5 015	4.6	5 331	11.6	3 681	3.2	1 475	4.3
Scott	12 317	6.3	4 645	4.3	2 375	10.3	3 319	3.5	1 133	4.2
Shelby	19 464	5.5	5 904	4.9	2 282	6.4	3 703	4.3	1 737	3.9
Sioux	115 970	1.4	8 512	3.3	10 046	2.4	6 066	2.6	3 381	2.9
Story	13 361	5.1	5 161	4.2	4 302	7.5	3 428	3.4	1 472	4.3
Tama	11 351	7.1	6 764	4.2	3 771	9.5	4 110	2.9	1 596	4.4
Taylor	3 591	21.8	2 305	8.0	1 077	10.9	1 900	5.0	665	6.8
Union	7 814	7.6	1 858	9.8	1 178	14.8	1 483	7.1	(D)	(D)
Van Buren	3 002	14.3	2 494	12.5	1 276	9.8	1 356	5.5	566	5.0
Wapello	4 480	13.8	2 380	8.1	1 104	14.7	1 614	5.1	457	7.2
Warren	5 877	11.6	2 798	5.5	2 246	6.9	2 218	4.3	845	5.0
Washington	11 576	7.2	5 143	4.6	4 100	6.6	3 948	3.2	1 492	5.0
Wayne	4 639	22.2	2 137	9.9	611	9.3	1 619	7.3	519	10.1
Webster	5 937	13.3	5 779	4.7	5 006	9.7	3 937	3.6	1 463	3.5
Winnabago	4 985	11.9	3 752	4.9	1 321	9.3	2 509	3.9	862	5.4
Winneshiek	15 134	9.3	4 970	4.8	3 481	7.1	4 437	3.4	2 319	4.0
Woodbury	30 308	3.2	7 095	4.0	3 151	4.4	3 767	3.0	1 649	3.9
Worth	6 508	7.2	3 660	4.7	1 332	7.8	2 432	3.3	700	4.3
Wright	7 223	8.4	5 422	4.8	2 628	15.4	3 183	4.3	994	5.3

<sup>1</sup>Data are based on a sample of farms.

**Table G. State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text.]

Item	Not on mail list		Percent not on mail list	
	Total number	Relative standard error of estimate (percent)	Total percent	Standard error of percent
Farms ..... number..	5 573	8.4	5.0	.4
Land in farms ..... acres..	337 241	38.5	1.1	.4
Farms by size:				
Less than 50 acres ..... farms..	4 503	10.2	19.2	2.0
50 acres or more ..... farms..	1 070	3.1	1.2	(Z)
Harvested cropland ..... farms..	3 190	22.5	3.3	.7
..... acres..	206 697	40.6	1.0	.4
Farms by value of sales:				
Less than \$2,500 ..... farms..	2 563	17.0	22.6	3.8
\$2,500 or more ..... farms..	3 010	2.6	3.0	.1
\$2,500 to \$9,999 ..... farms..	1 069	2.6	7.2	.2
\$10,000 or more ..... farms..	1 941	2.7	2.3	.1
Market value of agricultural products sold ..... \$1,000..	61 063	38.1	.7	.3
Farms by standard industrial classification:				
Crops (01) ..... farms..	1 514	2.7	2.8	.1
Livestock (02) ..... farms..	4 059	11.2	7.3	.8
Farms by tenure of operator:				
Full owners ..... farms..	3 679	6.5	7.1	.5
Part owners and tenants ..... farms..	1 895	21.4	3.2	.7
Operators by principal occupation:				
Farming ..... farms..	1 509	3.0	2.0	.1
Other ..... farms..	4 064	11.2	12.0	1.3
Average age of operator ..... years..	45.5	(Z)	(X)	(X)

Note 1: Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for further explanation.

Note 2: Detail may not add to total due to rounding.

# APPENDIX D. Report Form and Information Sheet

**DUE BY FEBRUARY 1, 1988**

OMB No. 0607-0634; Approval Expires September 30, 1989

FORM **87-A0202**  
(8-20-85)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS



## UNITED STATES CENSUS OF AGRICULTURE

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

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0202

Please complete this form and RETURN TO:  
**BUREAU OF THE CENSUS**  
1201 East Tenth Street  
Jeffersonville, IN 47133

**Note** — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

A											
A											

<b>CENSUS USE ONLY</b>	035	036	037	038
	039	040	041	042

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

**SECTION 1** **ACREAGE IN 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
1. All land owned	<input type="checkbox"/>	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	<input type="checkbox"/>	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	<input type="checkbox"/>	045
4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		046

For this census report these are the acres in "THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, section 1.

5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP Code)	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP Code)	Number of acres

List additional renters on a separate sheet of paper.

7. Did you have any grazing permits on a per-head basis?

054  Yes — Mark (X) all boxes which apply

<input type="checkbox"/>	3	Forest Service
<input type="checkbox"/>	4	Taylor Grazing Sec. 3 (BLM)
<input type="checkbox"/>	5	Indian Land
<input type="checkbox"/>	6	Other — Specify

No — Go to item 8

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

a. In what county was the largest value of your agricultural products raised or produced?

Principal county	County name	State	Number of acres
→			056
			057
			058
			059

b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.

**INSTRUCTIONS** — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.

**SECTION 2** Were any of the following CROPS harvested from "THIS PLACE" in 1987?

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed (Report quantity on a dry shelled-weight basis.)	<input type="checkbox"/>	067	068 Bu.	069
2. Corn (field) for silage or green chop	<input type="checkbox"/>	070	071 Tons, green	072
3. Soybeans for beans	<input type="checkbox"/>	088	089 Bu.	090
4. Beans, dry edible	<input type="checkbox"/>	073	074 Cwt.	075
5. Wheat for grain	<input type="checkbox"/>	076	077 Bu.	078
6. Oats for grain	<input type="checkbox"/>	078	080 Bu.	081
7. Barley for grain	<input type="checkbox"/>	086	087 Bu.	088
8. Rye for grain	<input type="checkbox"/>	082	083 Bu. OR Cwt.	084
9. Sorghum for grain or seed (including milo)	<input type="checkbox"/>	085	088 Tons, green	087
10. Sorghum for silage or green chop (Do not include sorghum-sudan crosses.)	<input type="checkbox"/>	062	063 Lbs. shelled	064
11. Popcorn	<input type="checkbox"/>	094	095 Lbs.	096 /10
12. Tobacco — all types	<input type="checkbox"/>	087	088 Cwt.	089 /10
13. Potatoes, Irish	<input type="checkbox"/>			

**SECTION 3** Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987?

Include sorghum-sudan crosses and hay cut from pastures.

s3 1  YES — Complete this section 2  NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
1. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay — clover, lespedeza, timothy, bromegrass, Sudangrass, millet, etc.	109	110 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)	115	116 Tons, green	117
3. HAY SOLD — Did you sell any hay or grass silage in 1987? (Report value of hay sold in section 9, item 4)	118		

1  Yes 2  No

**PENALTY FOR FAILURE TO REPORT**

**SECTION 4** Were any **VEGETABLES, SWEET CORN, MELONS, etc.**, harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)

S4 1  YES — Complete this section  
 2  NO — Go to section 5

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1987	375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987. If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested	Acres irrigated
Sweet corn	461	/10 462	/10
Tomatoes	463	/10 464	/10
		/10	/10
		/10	/10
		/10	/10
		/10	/10

**SECTION 5** Were any **NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE** on "THIS PLACE" in 1987?

S5 1  YES — Complete this section  
 2  NO — Go to section 6

1. Nursery and greenhouse crops irrigated in 1987

Crop name	Code	Area irrigated		Sales in 1987
		Square feet	Acres	
		477	478	/10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	2		00
			1	2		00
			1	2		00

**SECTION 6** Were any **STRAWBERRIES or OTHER BERRIES** harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)

S6 1  YES — Complete this section  
 2  NO — Go to section 7

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
Strawberries	536	/10	537	Lbs.	538	/10
Blackberries	509	/10	510	Lbs.	511	/10
Blueberries, tame	512	/10	513	Lbs.	514	/10
Raspberries	533	/10	534	Lbs.	535	/10
Other berries — Specify	539	/10	540	Lbs.	541	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Eggplant	415	Peppers, hot	445
Beans, snap (bush and pole)	381	Honeydew melons	423	Pumpkins	449
Beets	383	Kale	425	Radishes	451
Broccoli	385	Lettuce and romaine	427	Spinach	457
Cabbage, head	391	Lima beans, green	429	Squash	459
Cantaloups and muskmelons	395	Mustard greens	431	Turnips	465
Carrots	397	Onions, dry	433	Turnip greens	467
Cauliflower	399	Onions, green	435	Watermelons	473
Celery	401	Okra	437	Other vegetables — Specify	475
Collards	407	Parsley	439		
Cucumbers and pickles	411	Peas, green	441		
		Peppers, sweet	443		

**SECTION 7** Were any **OTHER CROPS** harvested from "THIS PLACE" in 1987 — small grains, field seeds, sugar beets, sunflowers, mint, or other crops not previously reported? (Report fruit in section 8.)

S7 1  YES — Complete this section  
 2  NO — Go to section 8

For those crops not listed enter the crop name and code from the list below. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Sugar beets for sugar	719		720 Tons	721
Alfalfa seed	542		543 Lbs.	544
Red clover seed	671		672 Lbs.	673
Sorghum cut for dry forage or hay	698		699 Tons, dry	700
Sunflower seed	734		735 Lbs.	736
Proso millet	665		666 Bu.	667
Mint for oil	644		645 Lbs. of oil	646

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Brome grass seed (pounds)	569	Redtop seed (pounds)	674		
Buckwheat (bushels)	575	Sorghum hogged or grazed (report acres only)	701		
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Sweetclover seed (pounds)	737		
Cotton (bales)	091	Timothy seed (pounds)	746		
Emmer and spelt (bushels)	599	Triticale (bushels)	749		
Fescue seed (pounds)	602	Vetch seed (pounds)	755		
Grains, mixed (bushels)	614	Other crops (pounds) — Specify	762		
Lespedeza seed (pounds)	638				

**SECTION 8** Was there a combined total of 20 or more **FRUIT TREES, including GRAPEVINES and NUT TREES**, on "THIS PLACE" in 1987?

S8 1  YES — Complete this section  
 2  NO — Go to section 9

1. TOTAL ACRES in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. (Do not include abandoned acres.)

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF --		Acres in trees and vines of all ages		Quantity harvested	Unit of measure			
		Nonbearing age	Bearing age	Whole acres	Tenths		Mark one			
							Lbs.	Tons	Boxes	Lbs. per box
Apples	123		124	125	/10	126	127	2	3	128
Peaches	225		226	227	/10	228	229	2	3	230
Grapes	177		178	179	/10	180	181	2	3	182
			1	2	/10	3	4	2	3	15
			1	2	/10	3	4	2	3	15
			1	2	/10	3	4	2	3	15

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Apricots	129		
Cherries	047		
Nectarines	201		
Pears	231		
Persimmons	237		
Plums and prunes	243		
Pecans	339		
Other fruit and nuts — Specify	369		

**SECTION 9** **GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses** (Refer to the INFORMATION SHEET, section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1987	<input type="checkbox"/>	773	00
a. Corn for grain	<input type="checkbox"/>	774	00
b. Wheat	<input type="checkbox"/>	775	00
c. Soybeans	<input type="checkbox"/>	776	00
d. Sorghum for grain	<input type="checkbox"/>	777	00
e. Barley	<input type="checkbox"/>	778	00
f. Oats	<input type="checkbox"/>	779	00
g. Other — rye, dry edible beans, sunflower seed, popcorn, proso millet, etc.	<input type="checkbox"/>	\$	00
2. Cotton and cottonseed	<input type="checkbox"/>	780	00
3. Tobacco	<input type="checkbox"/>	781	00
4. Hay, silage, field seeds, and grass seeds	<input type="checkbox"/>	782	00
5. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweetpotatoes, report them in item 7 below.)	<input type="checkbox"/>	783	00
6. Fruits, nuts, and berries — apples, peaches, strawberries, etc.	<input type="checkbox"/>	784	00
7. Other crops — potatoes, mint for oil, sugar beets, etc. (Do not include nursery and greenhouse crops.) —	<input type="checkbox"/>	785	00
Specify	<input type="checkbox"/>	\$	00

**SECTION 10** **How were the ACRES in this place USED in 1987?**

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 \_\_\_\_\_ Acres

**NOTE:** For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."

	None	Number of acres
2. <b>CROPLAND</b>	<input type="checkbox"/>	787
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.	<input type="checkbox"/>	788
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.	<input type="checkbox"/>	789
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	<input type="checkbox"/>	790
d. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)	<input type="checkbox"/>	791
e. Cropland in cultivated summer fallow	<input type="checkbox"/>	793
f. Cropland idle	<input type="checkbox"/>	794
3. <b>Woodland</b> — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.	<input type="checkbox"/>	795
a. Woodland pastured	<input type="checkbox"/>	796
b. Woodland not pastured	<input type="checkbox"/>	797
4. <b>Other pastureland and rangeland</b> — Include any pastureland other than cropland and woodland pasture.	<input type="checkbox"/>	798
5. <b>All other land</b> — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above.	<input type="checkbox"/>	799
6. <b>TOTAL ACRES</b> — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)	<input type="checkbox"/>	798

**SECTION 11** **Was any LAND in this place IRRIGATED at any time in 1987?**

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

1  YES — Complete this section  
2  NO — Go to section 12

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.	<input type="checkbox"/>	800
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	<input type="checkbox"/>	801

**SECTION 12** **Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?**

1  YES — Complete this section  
2  NO — Go to section 13

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	<input type="checkbox"/>	802
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	<input type="checkbox"/>	803

**SECTION 13** **Did you or anyone else have any CATTLE or CALVES on this place in 1987?**

S13  
1  YES — Complete this section  
2  NO — Go to section 14

**• DECEMBER 31, 1987 INVENTORY**

	None	INVENTORY Number on this place Dec. 31, 1987
1. <b>CATTLE AND CALVES of all ages</b> (Total of a, b, c, and d below)	<input type="checkbox"/>	803
a. <b>BEEF COWS</b> — Include beef heifers that had calved.	<input type="checkbox"/>	804
b. <b>MILK COWS</b> kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved.	<input type="checkbox"/>	806
c. <b>HEIFERS AND HEIFER CALVES</b> — (Do not include heifers that had calved.)	<input type="checkbox"/>	808
d. <b>STEERS, STEER CALVES, BULLS, AND BULL CALVES</b>	<input type="checkbox"/>	807

**• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987**  
Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
2. Calves weighing less than 500 pounds	<input type="checkbox"/>	808	809	00
3. Cattle, including calves weighing 500 pounds or more	<input type="checkbox"/>	810	811	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	<input type="checkbox"/>	812	813	00

**• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987**

	None	DAIRY PRODUCTS Gross value of sales	
		Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — Include milk, cream, butter, etc.	<input type="checkbox"/>	814	00

**SECTION 14** **Did you or anyone else have any HOGS or PIGS on this place in 1987?**

S14  
1  YES — Complete this section  
2  NO — Go to section 15

**• DECEMBER 31, 1987 INVENTORY**

	None	INVENTORY Number on this place Dec. 31, 1987
1. <b>HOGS and PIGS of all ages</b> (Total of a and b below)	<input type="checkbox"/>	815
a. <b>HOGS and PIGS</b> used or to be used for BREEDING	<input type="checkbox"/>	816
b. <b>OTHER HOGS and PIGS</b>	<input type="checkbox"/>	817

**• LITTERS FARROWED**

	None	Number of litters
2. <b>LITTERS FARROWED</b> on this place between —	<input type="checkbox"/>	818
a. December 1, 1986 and May 31, 1987	<input type="checkbox"/>	819
b. June 1, 1987 and November 30, 1987	<input type="checkbox"/>	

**• HOGS AND PIGS SOLD**

	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
3. <b>HOGS and PIGS SOLD</b> from this place in 1987	<input type="checkbox"/>	820	821	00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	<input type="checkbox"/>	822	823	00

**SECTION 15** **Did you or anyone else have any SHEEP or LAMBS on this place in 1987?**

S15  
1  YES — Complete this section  
2  NO — Go to section 16

**• DECEMBER 31, 1987 INVENTORY**

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. <b>SHEEP and LAMBS of all ages</b>	<input type="checkbox"/>	824	825
a. <b>EWES</b> 1 year old or older	<input type="checkbox"/>	826	

**• SHEEP AND LAMBS SHORN**

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. <b>SHEEP and LAMBS SHORN</b>	<input type="checkbox"/>	827	828

**• GROSS VALUE OF SALES**

	None	Gross value of sales	
		Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	<input type="checkbox"/>	829	00

**SECTION 16** Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

1  YES — Complete this section 2  NO — Go to section 17

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987		Gross value of sales	
			Number		Dollars	Cents
1. Horses and ponies of all ages	<input type="checkbox"/>	830	831	832		00
2. Colonies of bees	<input type="checkbox"/>	839	840	842		00
			841			
3. Milk goats	<input type="checkbox"/>	843	844	846		00
			845			
4. Angora goats	<input type="checkbox"/>	847	848	850		00
			849			
5. Other goats	<input type="checkbox"/>	851	852	853		00
6. Mules, burros, and donkeys	<input type="checkbox"/>	833	834	835		00
7. Mink and their pelts	<input type="checkbox"/>	836	837	838		00
8. Rabbits and their pelts	<input type="checkbox"/>	854	855	856		00
9. All other livestock and livestock products	<input type="checkbox"/>	857	858	859		00

Specify \_\_\_\_\_

Name	Code	Gross value of sales	
		Dollars	Cents
1. Fish and other aquaculture products (Enter name and code from list below.)			
Name	Code	Number	00
Catfish	860		
Trout	863		
Other fish — Specify			866
Other aquaculture products — Specify			869

If more space is needed, use a separate sheet of paper.

**SECTION 17** Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987 — Include poultry grown for others on a contract basis.

1  YES — Complete this section 2  NO — Go to section 18

	None	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987
2. PULLETS for laying flock replacement	<input type="checkbox"/>	894	895
		896	
		898	
3. BROILERS, fryers, and other meat-type chickens including capons and roasters	<input type="checkbox"/>	899	901
		900	
4. TURKEYS	<input type="checkbox"/>	902	903
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)	<input type="checkbox"/>		1

Poultry name \_\_\_\_\_ Code \_\_\_\_\_

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry — Specify	914

6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. — Specify kind of poultry \_\_\_\_\_

7. Incubator egg capacity on December 31, 1987 ..

	None	Gross value of sales	
		Dollars	Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	<input type="checkbox"/>		00

**SECTION 18** GOVERNMENT CCC LOANS

518

1. Amount received in 1987 from Government CCC loans for — Include regular and reserve loans, even if redeemed or forfeited.

	None	Dollars	Cents
a. Corn	<input type="checkbox"/>	886	00
b. Wheat	<input type="checkbox"/>	887	00
c. Soybeans	<input type="checkbox"/>	888	00
d. Sorghum, barley, and oats	<input type="checkbox"/>	889	00
e. Cotton	<input type="checkbox"/>	890	00
f. Tobacco, rye, and honey	<input type="checkbox"/>	891	00

**SECTION 19** Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.) Refer to INFORMATION SHEET, section 19.

519

1. Amount received in cash  884 \$ 00

2. Value of certificates received — payment-in-kind (PIK) or commodity certificates  885 \$ 00

**SECTION 20** TYPE OF ORGANIZATION

520

Mark (X) the one item which best describes the type of organization for this place in 1987. Refer to the INFORMATION SHEET, section 20.

- FAMILY or INDIVIDUAL operation — (Do not include partnership and corporation.)  921
- PARTNERSHIP operation — Include family partnerships.  922 } Go to section 22
- INCORPORATED UNDER STATE LAW  923 } Go to section 21
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc.  924 } Specify below then go to section 22

Specify \_\_\_\_\_

**SECTION 21** CORPORATE STRUCTURE (for incorporated operations only) Refer to the INFORMATION SHEET, section 21.

521

1. Is this a family-held corporation?  922 Yes  922 No

2. Are there more than 10 stockholders?  923 Yes  923 No

**SECTION 22** CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, section 22.

522

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place?  923 Yes  923 No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.  928 1 Farming  928 2 Other or ranching

3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)  929 1 None  929 2 1-49 days  929 3 50-99 days  929 4 100-149 days  929 5 150-199 days  929 6 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? \_\_\_\_\_ Year  930

5. AGE of operator (senior partner or person in charge) \_\_\_\_\_ Years old  925

6. RACE of operator (senior partner or person in charge)  924 1 White  924 2 Negro or Black  924 3 American Indian  924 4 Asian or Pacific Islander  924 9 Other — Specify \_\_\_\_\_

7. SEX of operator (senior partner or person in charge)  926 1 Male  926 2 Female

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?  927 1 Yes  927 2 No

**SECTION 23** PRODUCTION EXPENSES paid by you and others for this place in 1987

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

	None	Dollars		Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poult, started pullets, etc. . . . .	<input type="checkbox"/>	971	\$	00
2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc. . . . .	<input type="checkbox"/>	972	\$	00
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.) . . . . .	<input type="checkbox"/>	973	\$	00
3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased. . . . .	<input type="checkbox"/>	974	\$	00
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. Include cost of custom applications. . . . .	<input type="checkbox"/>	975	\$	00
5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications. (Do not include lime.) . . . . .	<input type="checkbox"/>	976	\$	00
6. Gasoline and other petroleum fuel and oil purchased for the farm business —		977	\$	00
a. Gasoline and gasohol . . . . .	<input type="checkbox"/>	978	\$	00
b. Diesel fuel . . . . .	<input type="checkbox"/>	979	\$	00
c. Natural gas . . . . .	<input type="checkbox"/>	980	\$	00
d. LP gas, fuel oil, kerosene, motor oil, grease, etc. . . . .	<input type="checkbox"/>	981	\$	00
7. Electricity for the farm business — (Do not include household expenses.) . . . . .	<input type="checkbox"/>	982	\$	00
8. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET) . . . . .	<input type="checkbox"/>	983	\$	00
9. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc. . . . .	<input type="checkbox"/>	984	\$	00
10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment . . . . .	<input type="checkbox"/>	985	\$	00
11. Customwork, machine hire and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.) . . . . .	<input type="checkbox"/>	986	\$	00
12. Interest paid on debts — (See INFORMATION SHEET)		987	\$	00
a. Secured by real estate . . . . .	<input type="checkbox"/>	988	\$	00
b. Not secured by real estate . . . . .	<input type="checkbox"/>	989	\$	00
13. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.) . . . . .	<input type="checkbox"/>	990	\$	00
14. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.) . . . . .	<input type="checkbox"/>	991	\$	00
15. All other production expenses — Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.) . . . . .	<input type="checkbox"/>	992	\$	00

**SECTION 24** Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?

1  YES — Complete this section 2  NO — Go to section 25

	None	Acres fertilized	
1. Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b.) . . . . .	<input type="checkbox"/>	932	
2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4 . . . . .	<input type="checkbox"/>	933	
3. LIME — tons of lime used and acres on which applied — (Do not include land plaster or gypsum or lime for sanitation.) . . . . .	<input type="checkbox"/>	934	935

**SECTION 25** Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?

1  YES — Complete this section 2  NO — Go to section 26

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Acres on which used	
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control —		936	
a. Insects on crops, including hay . . . . .	<input type="checkbox"/>	937	
b. Nematodes in crops . . . . .	<input type="checkbox"/>	938	
c. Diseases in crops and orchards (blights, smuts, rusts, etc.) . . . . .	<input type="checkbox"/>	939	
d. Weeds, grass, or brush in crops and pasture — Include both pre-emergence and post emergence. . . . .	<input type="checkbox"/>	940	
2. Chemicals for defoliation or for growth control of crops or thinning of fruit . . . . .	<input type="checkbox"/>		

**SECTION 26** MACHINERY AND EQUIPMENT on this place on December 31, 1987 — Include only equipment used for agricultural operations in 1986 or 1987.

• Value of ALL machinery and equipment on this place, December 31, 1987

	None	Estimated market value	
		Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc. . . . .	<input type="checkbox"/>	943	00

• SELECTED machinery and equipment on this place, December 31, 1987. (Report only if used in 1986 or 1987.)

	None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
2. Motortrucks — Include pickups . . . . .	<input type="checkbox"/>	944	945
3. Wheel tractors other than garden tractors and motor tillers —			
a. Less than 40 horsepower (PTO) . . . . .	<input type="checkbox"/>	946	947
b. 40 horsepower (PTO) or more . . . . .	<input type="checkbox"/>	948	949
4. Grain and bean combines, all types . . . . .	<input type="checkbox"/>	950	951
5. Cotton pickers and strippers . . . . .	<input type="checkbox"/>	956	957
6. Mower conditioners . . . . .	<input type="checkbox"/>	958	959
7. Pickup balers — Include rectangle and round balers . . . . .	<input type="checkbox"/>	960	961

**SECTION 27** ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

	None	Estimated market value of land and buildings	
		Dollars	Cents
1. All land owned . . . . .	<input type="checkbox"/>	996	00
2. All land rented or leased FROM OTHERS . . . . .	<input type="checkbox"/>	997	00
3. All land rented or leased TO OTHERS . . . . .	<input type="checkbox"/>	998	00

**SECTION 28** INCOME FROM FARM - RELATED SOURCES IN 1987

Report amount received before taxes and expenses.

	None	Farm-related income	
		Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, refer to INFORMATION SHEET, section 28) . . . . .	<input type="checkbox"/>	992	00
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc. . . . .	<input type="checkbox"/>	993	00
3. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc. . . . .	<input type="checkbox"/>	994	00
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place —		995	
Specify . . . . .	<input type="checkbox"/>		00

**SECTION 29** PERSON COMPLETING THIS REPORT — Please print

Name \_\_\_\_\_ Date \_\_\_\_\_  
 Telephone number \_\_\_\_\_ Area Code \_\_\_\_\_ Number \_\_\_\_\_

**INFORMATION SHEET****1987 UNITED STATES CENSUS OF AGRICULTURE****Special Reporting Instructions****1. Who Should Report**

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

**2. If You Received More Than One Report Form for an Operation**

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

**3. If You No Longer Farm**

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

**4. If You Never Farmed or Have No Association With Agriculture**

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

**5. If You Have More Than One Agricultural Operation**

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

**6. If You Have a Partnership Operation**

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership)."

**7. Landlord's or Contractor's Share**

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

**How to Enter Your Response**

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

**Instructions For Specified Sections****► Section 1 — ACREAGE IN 1987**

Your answers to this section will determine the land (Acres In "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

**IF YOU QUIT FARMING DURING 1987** — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

**Item 1 — All Land Owned** — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Item 2 — All Land Rented or Leased FROM OTHERS** — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

- Land for agricultural use that you rented from others for cash
- Land you worked on a share basis (crop or livestock)
- Land owned by someone else that you used rent-free
- Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

**Item 3 — All Land Rented or Leased TO OTHERS** — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- Owned land rented to others for cash or a share of crops or livestock
- Land you rented from someone and then subleased to someone else
- Land worked for you by someone for a share of crops or livestock
- Land which you allowed others to use rent-free

**Item 4 — Acres in "THIS PLACE"** — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.
- You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

**► Sections 2 through 8 — CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

**Acres harvested** — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "10" in the reporting box, such as for potatoes.

**Quantity harvested** — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

**Acres irrigated** — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

**How to Report Crops Harvested**

- ▶ **Sections 2 and 3** — Report only for the listed crops.
- ▶ **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

**Double Cropping** — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

*Example:* In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 <sup>a</sup> Were any of the following CROPS harvested from "THIS PLACE" in 1987?				
S2	None	Acres	Quantity	Acres
		091	092	093
1. Cotton . . . . .	<input type="checkbox"/>		Bales	
2. Soybeans for beans . . . . .	<input type="checkbox"/>	40	1,550 Bu.	40
3. Wheat for grain . . . . .	<input type="checkbox"/>	40	1,230 Bu.	
4. Oats for grain . . . . .	<input type="checkbox"/>		Bu.	

**Interplanted Crops** — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

*Example:* A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

**Skip Row Planting** — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

- ▶ **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

*Example:* In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

- ▶ **Section 8 — FRUITS and NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

- ▶ **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

▶ **Section 10 — USE OF ACRES IN "THIS PLACE"**

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

**Land Used for More Than One Purpose** — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

**Interplanted Crops** — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

**Skip Row Planted Crops** — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

- ▶ **Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

- ▶ **Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

**Animals and Poultry to Include in the Report** — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

**Animals and Poultry to Exclude from the Report** — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

**Animals Bought and Sold** — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

**Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program"** — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

**Animals Moved to Another Place** — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

**Fat Cattle Sold** — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cattle and calves sold for further feeding
- b. Veal calves, or any calves weighing less than 500 pounds
- c. Dairy cows fed only the usual dairy ration before being sold

**Value of Sales** — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

**Contract and Custom Feeding Operations** — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

► **Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

**Item 2 — If you owned BEES** — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

**Items 7 and 8** — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

**Item 9 — Other Livestock and Livestock Products** — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

**Item 10 — Fish and Other Aquaculture Products** — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

► **Section 17 — POULTRY**

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

► **Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS**

**Item 1** — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► **Section 19 — FEDERAL PAYMENTS RECEIVED**

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► **Section 20 — TYPE OF ORGANIZATION**

Use the following definitions to determine the type of organization for your operation:

**Family or Individual Operation** — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

**Partnership Operation** — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

**Other** — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

► **Section 21 — CORPORATE STRUCTURE**

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

► **Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

**For Family or Individual Operation** — Complete this section for the operator.

**For Partnership Operations** — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

**For Corporations and Other Operations (Cooperatives, Estates, etc.)** — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

**Item 4 — Year Began Operation** — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

► **Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987**

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

**Livestock and Poultry Purchased** — Report the cost of cattle, calves, hogs, sheep, lambs, horses, goats, chicks, pullets, poulters, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

**Feed Purchased for Livestock and Poultry** — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

**Cost of Hired Farm and Ranch Labor** — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

**Contract Labor** — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

**Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment** — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

**Interest Expense Paid on Debts** — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

**Cash Rent Paid for Land and Buildings in 1987** — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

**Property Taxes Paid** — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

- a. Property taxes on land or buildings rented to someone else
- b. Taxes paid by landlords
- c. Property taxes paid on other property not associated with the farm business
- d. Income and excise taxes

**All Other Production Expenses** — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

► **Section 24 — COMMERCIAL FERTILIZER AND LIME**

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

► **Section 26 — MACHINERY AND EQUIPMENT**

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

► **Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS**

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

► **Section 28 — INCOME FROM FARM-RELATED SOURCES IN 1987**

Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

**Item 1 — Customwork** — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

**Item 2 — Rental Income** — Do not include rental income from nonfarm property.

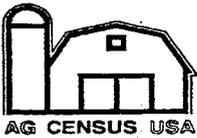
**Item 3 — Forest Products** — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

**Item 4 — Other Farm-Related Income** — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.

FORM 87-A0400 (12-13-87)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

NOTICE - Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes.



UNITED STATES CENSUS OF AGRICULTURE

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

Please complete this form and RETURN TO

BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, IN 47133

Note - If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

Table with columns for CENSUS USE ONLY (035-042) and checkboxes for Yes/No.

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1

1. At any time during 1987, did you plant, grow, or have any: Hay or tobacco? Corn, wheat, or other grains? Other crops?

2. At any time during 1987, did you raise, sell, or keep any: Cattle, hogs, sheep, or goats? Chickens or other poultry? Bees? Horses or ponies? Fish in captivity? Other animal specialties?

If you answered YES to EITHER of these questions, go to SECTION 2. If you answered NO to BOTH of these questions, go to SECTION 10.

SECTION 2

ACREAGE IN 1987 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

Form for Section 2 with checkboxes and input fields for acres owned, rented, and irrigated, and county information.

SECTION 3: LAND USE and IRRIGATION

PART A - How were the ACRES in this place used in 1987?

Form for Section 3 Part A with checkboxes and input fields for cropland and other land uses.

PART B - IRRIGATION

Form for Section 3 Part B with checkboxes and input fields for irrigated acres.

PENALTY FOR FAILURE TO REPORT

SECTION 4

PART A - CROPS HARVESTED from "THIS PLACE" in 1987. (Do not include crops grown on land rented to others.)

Table for Section 4 Part A listing crops like Hay, Corn, Soybeans, Wheat, and Tobacco with columns for Acres harvested, Quantity harvested, and Gross value of crops sold.

Table for Section 4 Part A Item 7: All vegetables for sale, including Total acres, Dollars, and Cents.

Table for Section 4 Part A Item 8: All fruit and nut orchards, vineyards, and berries, including Total acres, Quantity harvested, and Dollars/Cents.

Table for Section 4 Part A Item 9: Other crops, including Crop name, Code, Acres harvested, Quantity harvested, and Gross value of crops sold.

Table for Section 4 Part A Item 9: Other crops, including Crop name, Code, and Gross value of crops sold.

PART B - NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987

Table for Section 4 Part B listing crop names, codes, square feet under glass, acres in the open, and sales in 1987.

Table for Section 4 Part B listing crop names, codes, and sales in 1987.

CONTINUE ON REVERSE SIDE

**SECTION 5: LIVESTOCK and POULTRY**

**PART A - CATTLE and CALVES**

None  INVENTORY Number on this place Dec. 31, 1987

803 Total

804 Beef cows

805 Milk cows

1. CATTLE and CALVES of all ages

a. BEEF COWS - Include beef heifers that had calved.

b. MILK COWS kept for production of milk or cream for sale or home use - Include dry milk cows and milk heifers that had calved.

2. Value of DAIRY PRODUCTS sold in 1987 - Include milk, cream, butter, etc.

Gross value of sales	
Dollars	Cents
\$	00

3. Calves less than 500 pounds

4. Cattle - Include calves 500 pounds or more

a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?

Number sold in 1987	Gross value of sales	
	Dollars	Cents
809	\$	00
810	\$	00
812	\$	00

**PART B - HOGS and PIGS**

None  INVENTORY Number on this place Dec. 31, 1987

815 Total

816 Breeding

1. HOGS and PIGS of all ages

a. HOGS and PIGS used or to be used for breeding

2. HOGS and PIGS SOLD from this place in 1987

3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?

Number sold in 1987	Gross value of sales	
	Dollars	Cents
820	\$	00
822	\$	00

**PART C - SHEEP and LAMBS**

None  INVENTORY Number on this place Dec. 31, 1987

824 NUMBER SOLD in 1987

825

826

1. SHEEP and LAMBS of all ages

a. EWES 1 year old or older

2. SHEEP and LAMBS SHORN in 1987

827 Number 828 Pounds wool

3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?

Gross value of sales	
Dollars	Cents
\$	00

**PART D - POULTRY**

None  INVENTORY Number on this place Dec. 31, 1987

892 Number sold in 1987

893

894

895

896

897

898

899

900

901

1. HENS and PULLETS

a. HENS and PULLETS of laying age

b. PULLETS 3 months old or older not yet of laying age for layer replacement

c. PULLETS under 3 months old for layer replacement

2. BROILERS, fryers, other meat-type chickens

3. TURKEYS for slaughter (Do not include breeders.)

4. OTHER POULTRY (Enter name/code from below.)

Poultry name \_\_\_\_\_ Code \_\_\_\_\_

Name/code	Name/code	Name/code
Turkey hens kept for breeding 902	Geese 906	Quail 912
Ducks 904	Pigeons or squab 908	All other poultry - Specify 914
	Pheasants 910	

5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987?

Gross value of sales	
Dollars	Cents
\$	00

**PART E - HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH**

None  INVENTORY Number on this place Dec. 31, 1987

830 Total quantity sold in 1987

831

832 Dollars

833 Cents

834 Number

835 Pounds honey

836 Number Gallons milk

837 Number Pounds mohair

1. Horses and ponies of all ages

2. Colonies of bees

3. Milk goats

4. Angora goats

5. Other livestock, fish, animal products (Enter name/code from below.)

Name \_\_\_\_\_ Code \_\_\_\_\_

Name/code	Name/code	Name/code
Mules, burros, donkeys 838	Rabbits and their pets 854	Other livestock, fish, and their products 857
Mink and their pets 836	Other goats 851	

**SECTION 6: GOVERNMENT CCC LOANS**

Amount received in 1987 from Government CCC loans. Include regular and reserve loans, even if redeemed or forfeited.

None  Dollars Cents

839 \$ 00

Specify crop(s) \_\_\_\_\_

**SECTION 7: Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.)**

None  Dollars Cents

840 \$ 00

841 \$ 00

1. Amount received in cash

2. Value of certificates received - payment-in-kind (PIK) or commodity certificates

**SECTION 8: Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987**

None  Number of acres

842

843

1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?

2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?

**SECTION 9: CHARACTERISTICS and OCCUPATION of OPERATOR (Senior partner or person in charge)**

823

1. RESIDENCE - Does the operator live on this place?  Yes  No

828

2. PRINCIPAL OCCUPATION - At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.  Farming  Other or ranching

829

3. OFF-FARM WORK - How many days did the operator work at least 4 hours per day off this place in 1987? - Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)

830

1  None

2  1-49 days

3  50-99 days

4  100-149 days

5  150-199 days

6  200 days or more

840

4. In what YEAR did the operator begin to operate any part of this place? \_\_\_\_\_ Year

841

5. AGE of operator \_\_\_\_\_ Years old

842

6. RACE of operator

1  White

2  Negro or Black

3  American Indian

4  Asian or Pacific Islander

5  Other - Specify \_\_\_\_\_

843

7. SEX of operator  Male  Female

844

8. SPANISH ORIGIN - Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?  Yes  No

**SECTION 10: PERSON COMPLETING THIS REPORT - Please print**

Name \_\_\_\_\_ Date \_\_\_\_\_

Telephone number \_\_\_\_\_ Area code \_\_\_\_\_ Number \_\_\_\_\_

# INFORMATION SHEET

## 1987 UNITED STATES CENSUS OF AGRICULTURE

### Special Reporting Instructions

#### 1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

#### 2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

#### 3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

#### 4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

#### 5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

#### 6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership)."

#### 7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

#### 8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

### Instructions For Specified Sections

#### ► Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land (Acres in "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

**Item 1 — All Land Owned** — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Item 2 — All Land Rented or Leased FROM OTHERS** — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

- a. Land for agricultural use that you rented from others for cash
- b. Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

**Item 3 — All Land Rented or Leased TO OTHERS** — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

**Item 4 — Acres in "THIS PLACE"** — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

#### ► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

**Land Used for More Than One Purpose** — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

**Interplanted Crops** — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

**Skip Row Planted Crops** — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

**Irrigation is defined as land watered by artificial or controlled means** — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

#### ► Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

**DO NOT INCLUDE:**

- a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.
- b. Crops or crop products purchased from others and later sold.

**Acres Harvested** — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

**Quantity Harvested** — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

**Gross Value of Crops Sold** — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

**Item 7 — Vegetables** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

**Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees** — Report only if total of 20 or more trees and vines, include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

**Item 9 — Other Crops** — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

▶ **Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

**Parts A, B, C, and D — LIVESTOCK AND POULTRY**

**Animals and Poultry to Include in the Report** — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

**Animals and Poultry to Exclude from the Report** — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

**Animals Bought and Sold** — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

**Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program"** — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

**Animals Moved to Another Place** — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

**Fat Cattle Sold** — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

**DO NOT INCLUDE WITH FATTENED CATTLE SOLD:**

- a. Cattle and calves sold for further feeding
- b. Dairy cows fed only the usual dairy ration before being sold
- c. Veal calves, or any calves weighing less than 500 pounds

**Value of Sales** — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

**Contract and Custom Feeding Operations** — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

▶ **Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH**

**If you owned BEES** — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

**Other Livestock and Livestock Products** — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

**Fish and Other Aquaculture Products** — Report quantity sold and gross value of sales for each.

▶ **Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS**

**Item 1** — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

▶ **Section 7 — FEDERAL PAYMENTS RECEIVED**

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

▶ **Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

▶ **Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

**For Family or Individual Operation** — Complete this section for the operator.

**For Partnership Operations** — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

**For Corporation and Other Operations (Cooperatives, Estates, etc.)** — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

**Item 4 — Year Began Operation** — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.



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Beans, dry lima .....	-	25	Cherries.....	45,48-53	28
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Bedding plants .....	46	30	Chinese or ming peas ..	-	27
Beef cows.....	1,20,25,29,48-53	1,11,16	Christmas trees and forest products sales, farm-related income ...	5,48-53	4
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Beets, table .....	-	27	Coffee .....	45	28
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# INDEX—Con.

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Cowpeas, green.....	-	27	Endive .....	-	27
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Flowering plants, potted.....	46	30	Haylage, grass silage, and green chop hay.....	43,44	26
Flowers and florist greens, cut.....	46	30	Hazelnuts.....	45	28
Foliage plants.....	46	30	Heifers and heifer calves.....	20,25,48-53	11,16
Forest products and Christmas trees sales, farm-related income ...	5,48-53	4	Hens and pullets of laying age.....	20,21,48-53	14,16
Foxtail millet seed.....	-	26	Herbs.....	-	31
Fruit crops.....	45	15,16,28	Hired farm labor expenses.....	3,10,47,48-53	3,16
Fruits, nuts, and berries sales, value.....	2,47,48-53	2,16	Hogs and pigs.....	1,10,20,32,35,47, 48-53	1,12,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses.....	14,48-53	3	Hogs and pigs sales, value.....	2,20,33,36,47,48-53	2,12,16
Full owners.....	16,48-53	10,16	Hogs, litters farrowed...	34,37,48-53	12
<b>G</b>			Honey sales.....	41	20
Garlic.....	-	27	Honey tangerines.....	-	28
Gas, natural, expenses.	14,48-53	3	Honeydew melons.....	-	27
Gasoline and other petroleum fuel and oil expenses.....	14,48-53	3,16	Hops.....	44	31
Gasoline expenses.....	14,48-53	3	Horses and ponies.....	20,41,48-53	13
Geese.....	-	22	<b>I</b>		
Geese, ducks, and other poultry.....	41	14,22	Income from farm-related sources.....	5,48-53	10
Ginger root.....	-	31	Income, see net cash return.....	4,48-53	4
Goat milk sales.....	41	17	Individual or family, type of organization.....	1,16,48-53	10,16
Goats.....	41,48-53	23	Insects, chemical control.....	15,48-53	9
Goats, Angora.....	41	23	Interest, debt not secured by real estate.....	3,48-53	3
Goats, milk.....	41	17	Interest, debt secured by real estate.....	3,48-53	3
Goats, other.....	41	23	Interest expenses.....	1,3,10,47,48-53	3,16
Government farm programs payments ...	5,10,47,48-53	4			
Grain hay.....	43,44	26			
Grain sales, value.....	2,47,48-53	2,16			
Grains.....	44,48-53	16			
Grapefruit.....	45	28			

# INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>I—Con.</b>			<b>M</b>		
Irish potatoes.....	1,42-44,48-53	1,15,16,25	Macadamia nuts.....	45	28
Irrigated farms and acres.....	1,8-10	1,7	Machine hire, rental of machinery and equip- ment, and customwork expenses.....	3,10,48-53	3,16
<b>J</b>			Machinery and equipment.....	1,10,12,18,47,48-53	1,8,16
Jojoba.....	-	31	Male operators.....	16,17,48-53	10
<b>K</b>			Mangoes.....	-	28
Kale.....	-	27	Melons.....	-	27
Kentucky bluegrass seed.....	44	26	Milk cows (dairy cows) .	1,10,20,25,30,47, 48-53	1,11,16
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses.....	14,48-53	3	Milk goats.....	41	17
Kiwifruit.....	-	28	Millet, proso.....	44	24
Kumquats.....	-	28	Millet seed, foxtail.....	-	26
<b>L</b>			Mink and their pelts....	41	19
Labor expenses.....	1,3,10,47,48-53	3,16	Mint for oil.....	44	31
Land and buildings, value.....	1,10,11,47,48-53	5,16	Mohair sales.....	41	18
Land in farms.....	1,7,8,10,16,18,47, 48-53	1,5,10,16	Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses.....	14,48-53	3
Land owned.....	10,48-53	-	Motortrucks, including pickups.....	13,48-53	8,16
Land rented from others	48-53	-	Mower conditioners.....	13,48-53	8
Land rented to others ..	48-53	-	Mules, burros, and donkeys.....	41	23
Land set aside in federal farm programs.....	7,10,48-53	1	Mungbeans for beans ..	-	31
Land use.....	7,8,10,47,48-53	5	Mushrooms.....	46	30
Lemons.....	45	28	Mustard cabbage.....	-	27
Lentils.....	44	25	Mustard greens.....	-	27
Lespedeza seed.....	-	26	Mustard seed.....	-	24
Lettuce and romaine....	44	27	<b>N</b>		
Lima beans, dry.....	-	25	Natural gas expenses ..	14,48-53	3
Lima beans, green.....	-	27	Nectarines.....	-	28
Lime applied.....	15,48-53	9	Nematode control in crops.....	15,48-53	9
Limes.....	-	28	Net cash return from agricultural sales.....	4,48-53	4
Litters farrowed.....	34,37,48-53	12	Nonfamily held corporations.....	16,48-53	10,16
Livestock and livestock products sold.....	20	-	Number of farms.....	1,7,8,10,16,18,47, 48-53	1,5,10,16
Livestock and poultry...	20	1,16	Nursery and greenhouse crops.....	42,46	30
Livestock and poultry purchased.....	1,3,10,47,48-53	3,16	Nursery and greenhouse crops sales, value....	2,42,46,47,48-53	2,16,30
Livestock, poultry, and their products sales, value.....	1,2,10,18,20,47	1,2,16	Nursery crops-shrubs, trees, etc.....	46	30
Loans, Commodity Credit Corporation.....	6,10,48-53	4	<b>O</b>		
Loganberries.....	-	29	Oat sales, value.....	2,48-53	2,16
Lotus root.....	-	31	Oats for grain.....	1,42-44,48-53	1,15,16,24
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses.....	14,48-53	3	Occupation of operator.	1,16,48-53	1,10,16

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>O—Con.</b>			<b>P—Con.</b>		
Off-farm work by operator .....	1,16,48-53	1,10,16	Pimientos .....	-	27
Okra .....	-	27	Pineapples.....	1,42,44,48-53	1,15,16,31
Olives .....	-	28	Pistachios .....	-	28
Onions, dry and green..	44	27	Plums .....	,45	28
Operator characteristics— residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm .....	16,17,48-53	10,16	Pomegranates.....	-	28
Oranges .....	45	28	Ponies and horses.....	20,41,48-53	13
Orchardgrass seed .....	-	26	Popcorn.....	44	24
Orchards.....	1,42-44,48-53	1,15,16,28	Potatoes, Irish.....	1,42-44,48-53	1,15,16,25
Organization of farm....	1,16,48-53	10,16	Potatoes, sweet.....	42,44,48-53	25
Other farm production expenses.....	5,48-53	3,16	Poultry and poultry products sales, value..	2,20,48-53	2,16
Other field crops sales, value.....	2,48-53	2,16	Poultry hatched .....	-	22
Other grains sales, value	2,48-53	2,16	Principal occupation of operator .....	1,16,48-53	1,10,16
Other livestock and live- stock products sales, value.....	2,47,48-53	2,16	Production expenses ...	1,3,10,47,48-53	1,3,16
Other poultry .....	-	22	Property taxes, expenses.....	3,10,48-53	3,16
Owned land .....	10,48-53	-	Proso millet.....	44	24
<b>P</b>			<b>Q</b>		
Papayas .....	45	28	Quail .....	-	22
Parsley.....	-	27	<b>R</b>		
Part owners .....	16,48-53	10,16	Rabbits and their pelts .	41	23
Partnership, type of organization.....	1,16,48-53	10,16	Race of operator.....	16,48-53	34
Passion fruit.....	-	28	Radishes .....	-	27
Pastureland and grazing land.....	7,48-53	5	Rangeland.....	7,48-53	5
Pastureland and other land irrigated .....	9	7	Rapeseed .....	-	31
Payroll expenses.....	1,3,10,47,48-53	3,16	Raspberries .....	44	29
Peaches .....	45,48-53	28	Redtop seed .....	-	26
Peanuts for nuts .....	42-44,48-53	1,15,16,25	Rent paid in cash, expenses.....	3,10,48-53	3,16
Pears .....	45	28	Rent received, farm- related income.....	5,48-53	4
Peas, Austrian winter ...	-	26	Repair and maintenance expenses.....	3,10,48-53	3,16
Peas, Chinese or ming .	-	27	Residence of operator..	16,48-53	10,16
Peas, dry edible.....	44	25	Rhubarb .....	-	27
Peas, green .....	44,48-53	27	Rice.....	1,42-44,48-53	1,15,16,24
Pecans.....	45,48-53	28,	Romaine and lettuce ...	44	27
Peppers.....	-	27	Rye for grain .....	42,44	24
Persimmons .....	-	28	Ryegrass seed .....	44	26
Petroleum products expenses.....	3,10,14,48-53	3,16	<b>S</b>		
Pheasants .....	-	22	Safflower .....	-	24
Pickup balers.....	13,48-53	8	Sales of agricultural products.....	1,2,10,18,47,48-53	1,2,16
Pigeons or squab .....	-	22			

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(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables	Item	State tables	County tables
<b>S—Con.</b>			<b>T—Con.</b>		
Salt hay.....	-	31	Tenure of operator.....	16,48-53	10,16
Seeds, bulbs, plants, and trees purchased .....	3,10,48-53	3	Timothy seed.....	-	26
Set aside programs, acreage.....	7,10,48-53	5	Tobacco .....	1,42-44,48-53	1,15,16,25
Sex of operator .....	16,17,48-53	10	Tobacco sales, value ...	2,47,48-53	2,16
Shallots.....	-	27	Tomatoes.....	44,48-53	27
Sheep and lambs .....	10,20,38,39,48-53	1,13,16	Tractors, wheel.....	13,48-53	8,16
Sheep and lambs shorn	38,48-53	13	Triticale .....	-	24
Sheep, lambs, and wool sales, value .....	2,20,38,47,48-53	2,13,16	Trout sales .....	-	21
Size of farm, average...	1,48-53	1,16	Trucks, including pickups .....	13,48-53	8,16
Small grain hay .....	43,44	26	Turkeys .....	20,21,24,48-53	14
Snap beans, bush and pole.....	44,48-53	27	Turnip greens .....	-	27
Sod .....	46	30	Turnips.....	-	27
Sorghum.....	1,42-44,48-53	1,15,16,24 26,31	Type of farm .....	18,48-53	16
Sorghum for grain sales, value.....	2,48-53	2,16	Type of organization....	1,16,48-53	1,10,16
Southern peas (cowpeas), dry .....	-	25	<b>V</b>		
Southern peas (cowpeas), green .....	-	27	Value of agricultural products sold .....	1,2,10,18,47,48-53	1,2,16
Soybeans.....	1,42-44,48-53	1,15,16,25	Value of land and buildings.....	1,10,18,48-53	5,16
Soybeans sales, value..	2,48-53	2,16	Value of machinery and equipment.....	1,10,12,18,47,48-53	1,8,16
Spanish origin, operators of.....	16,17,48-53	35	Vegetable and flower seeds .....	46	30
Spelt and emmer .....	-	24	Vegetables, greenhouse	46	30
Spinach.....	-	27	Vegetables harvested for sale .....	1,42-44,48-53	1,15,16,27
Squash .....	-	27	Vegetables, sweet corn, and melons sales, value	2,47,48-53	2,16
Standard industrial classification of farms .	18,48-53	2,16	Vetch seed .....	-	26
Steers, steer calves, bulls, and bull calves .....	20,25,48-53	11,16	<b>W</b>		
Strawberries .....	43,44	29	Walnuts, English .....	45,48-53	28
Sudangrass seed .....	-	26	Watercress .....	-	27
Sugar beets .....	42-44,48-53	1,15,16,25	Watermelons .....	44	27
Sugarcane.....	1,42-44,48-53	1,15,16,25	Weeds, chemical control .....	15,48-53	9
Sunflower seed .....	1,42,44,48-53	1,15,16,24	Wheat for grain .....	1,42-44,48-53	1,15,16,24
Sweet corn .....	44,48-53	27	Wheat sales, value .....	2,48-53	2,16
Sweet corn for seed ....	-	31	Wheatgrass seed .....	-	26
Sweet potatoes .....	42,44,48-53	25	Wheel tractors .....	13,48-53	8,16
<b>T</b>			Wild hay .....	43,44	26
Tame dry hay .....	43,44	16,26	Wild rice .....	-	24
Tangelos.....	-	28	Woodland.....	1,7,48-53	5
Tangerines .....	-	28	Wool, pounds shorn ....	38,48-53	13
Taro.....	-	31	Work off-farm by operator .....	1,16,48-53	1,10,16
Taxes, property, expenses.....	5,48-53	3	<b>Y</b>		
Tenant operated farms .	16,48-53	10,16	Years on present farm..	47,48-53	16

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# PUBLICATION PROGRAM

## 1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

## ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A))

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with \$1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

## VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

**State and County Data** (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

### Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

**Outlying Areas** (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

## VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

**Agricultural Atlas of the United States** (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

**Coverage Evaluation** (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

**Ranking of States and Counties** (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

**History** (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

**Government Payments and Market Value of Agricultural Products Sold** (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

**ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture** (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

## VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

**The Farm and Ranch Irrigation Survey** (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

**Agricultural Economics and Land Ownership Survey** (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

## VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of \$2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

## ELECTRONIC MEDIA

**Flexible Diskette**—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

**Computer Tapes**—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

**Compact Disc-Read Only Memory (CD-ROM)**—Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

**Online Access**—National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors—CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.

